

ACCESS SERVICE

This tariff cancels NEVADA
BELL Tariff F.C.C. No. 1

Regulations, Rates and Charges
applying to the provision of Access Services
within a Local Access and Transport Area (LATA) or
equivalent Market Area for connection to interstate
communications facilities for Interstate Customers within
the operating territory of NEVADA BELL

Original tariff effective May 25, 1987

The title and street address of this tariff's Issuing Officer are located on
the bottom of all tariff pages and check sheets.

Access Services are provided by means of wire, fiber optics, radio or any
other suitable technology or a combination thereof.

This tariff is issued under authority of Special Permission No. 01-011 of the
F.C.C.

(This page filed under Transmittal No. 1)

Issued: February 16, 2001

Effective: March 3, 2001

One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

On January 3, 2005 Nevada Bell Telephone Company (NBTC) issued Supplement No. 5 in Transmittal No. 87 pursuant to Wireline Competition Bureau's Order DA 04-4048, release date December 27, 2004. The Order suspended the effective date of NBTC's Transmittal No. 84 for 5 months and instituted an investigation.

On January 21, 2005, under the authority of Special Permission No. 05-004 of the F.C.C., NBTC withdrew Transmittal No. 84 without it becoming effective.

(This page filed under Transmittal No. 94)

Issued: January 21, 2005

One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

On August 20, 2002 Nevada Bell Telephone Company (NBTC) issued Supplement No. 1 in Transmittal No. 21 pursuant the Pricing Policy Division, Wireline Competition Bureau's Order DA 02-2039, released August 16, 2002. Order DA 02-2039 suspended the effective date of NBTC's Transmittal No. 20 for 5 months and instituted an investigation.

On January 13, 2003, under authority of Special Permission No. 03-002, NBTC withdrew Transmittal No. 20 without it becoming effective.

(This page filed under Transmittal No. 28)

Issued: January 13, 2003

One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

This supplement is filed pursuant to the Pricing Policy Division, Wireline Competition Bureau's Order on Reconsideration, DA 02-2898, In the Matter of Southwestern Bell Telephone Company Tariff FCC No. 73 Transmittal No. 2913, Ameritech Operating Companies Tariff FCC No. 2 Transmittal 1318, Southern New England Telephone Company Tariff FCC No. 39 Transmittal No. 774, Pacific Bell Telephone Company Tariff FCC No. 1 Transmittal No. 82 and Nevada Bell Telephone Company Tariff FCC No. 1 Transmittal No. 22, released October 29, 2002.

The purpose of this supplement is to cancel Supplement No. 2 issued October 3, 2002 under Transmittal No. 23. Supplement No. 2 was filed pursuant to the Commission's Order DA 02-2472 released September 30, 2002.

On September 30, 2002, as noted in Suspension Order 02-2472, the Pricing Policy Division of the Wireline Competition Bureau suspended for one day, imposed an accounting order, and set for investigation the aforementioned transmittals. The transmittals addressed in that order sought to establish rates for Universal Service Fund charges billed to residential and business customers to reflect the companies' fourth quarter 2002 contribution obligations.

After release of the Suspension Order, Division staff met with SBC to discuss the tariff filings. SBC provided additional explanations in support of its tariff filings that satisfied Division staff concerns. Accordingly, the investigations and accounting orders imposed in Order 02-2472 are terminated.

The proposed rate decreases listed in the following tariff page are effective as of October 2 2002.

<u>Page</u>	<u>Revision No.</u>
4-11	7th

(This page filed under Transmittal No. 24)

Issued: November 4, 2002

One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

RATES, RULES AND CHARGES

Title Page and Pages 1 to 22-45, inclusive of this tariff are effective as of the date shown. Original and revised pages as named below and Supplement No. 6 contains all changes from the original tariff that are in effect on the date hereof.

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1.4	14th	30	1st
1.5	45th	31	1st
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1.6	19th	1-2	Original
1.7	7th	2-1	1st
1.7.1	2nd	2-2	2nd
1.8	14th	2-3	1st
1.9	35th	2-4	1st
1.10	13th	2-5	3rd
1.11	18th*	2-5.1	1st
1.12	15th*	2-6	1st
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3	Original	2-8	Original
4	2nd	2-9	Original
5	Original	2-10	Original
6	2nd	2-11	Original
7	1st	2-12	1st
8	1st	2-13	Original
9	Original	2-14	6th
10	3rd	2-15	5th
11	Original	2-15.1	4th
12	1st	2-16	Original
13	1st	2-17	4th
14	Original	2-18	Original
15	Original	2-19	Original
16	Original	2-20	Original
17	1st	2-21	Original
18	Original	2-22	Original
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20	Original	2-24	Original
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22.4	1st		
23	Original		

* New or Revised

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Chief Marketing Officer
Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

RATES, RULES AND CHARGES

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2-35.5	1st	2-79	Original
2-36	5th	2-80	Original
2-37	Original	2-81	Original
2-38	Original	2-82	Original
2-39	1st	2-83	Original
2-40	1st	2-84	1st*
2-41	1st	2-85	Original
2-42	Original	2-86	1st
2-43	Original	2-86.1	Original
2-44	Original	2-87	1st
2-45	Original	2-88	Original
2-46	Original	2-89	1st
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2-48	Original	2-91	Original
2-49	1st	2-92	Original
2-50	Original	2-93	Original
2-51	Original	2-94	1st*
2-52	Original	2-95	1st
2-53	Original	2-96	Original
2-54	Original	2-97	1st*
2-55	Original	2-98	5th
2-56	Original	2-99	2nd
2-57	Original	3-1	Original
2-58	Original	3-2	Original
2-59	Original	3-3	Original
2-60	Original	3-4	Original
2-61	Original	3-5	Original
2-62	Original	3-6	Original
2-63	Original	3-7	Original
2-64	Original	3-8	Original
2-65	Original	3-9	Original
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(This page filed under Transmittal No. 128)

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ACCESS SERVICE

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3-21	1st	5-17.1	6th
3-22	Original	5-17.1.1	4th*
3-23	Original	5-17.2	5th
3-24	Original	5-18	3rd
3-25	Original	5-19	3rd
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3-28	Original	5-19.3	2nd
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4-5	1st	5-22	Original
4-6	1st	5-23	Original
4-7	1st	5-24	Original
4-8	1st	5-25	Original
4-8.1	2nd	5-26	Original
4-9	19th	5-27	Original
4-10	8th	5-28	Original
4-11	23rd	6-1	Original
5-1	3rd	6-2	1st
5-2	2nd	6-3	1st
5-3	7th	6-4	Original
5-3.1	6th	6-5	Original
5-3.2	3rd	6-6	Original
5-3.3	3rd	6-7	Original
5-3.4	5th	6-8	Original
5-4	1st	6-9	Original
5-5	1st	6-10	1st
5-6	1st	6-11	Original
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6-35	Original	6-77	Original
6-36	Original	6-78	Original
6-37	Original	6-79	Original
6-38	Original	6-80	Original
6-39	Original	6-81	Original
6-40	Original	6-82	Original
6-41	Original	6-83	Original
6-42	Original	6-84	Original
6-43	Original	6-85	Original
6-44	Original	6-86	Original
6-45	Original	6-87	Original
6-46	Original	6-88	Original
6-47	Original	6-89	Original
6-48	Original	6-90	Original
6-49	Original	6-91	Original
6-50	Original	6-92	Original
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6-124	Original	7-3	2nd
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7-30	Original	7-81.6	3rd*
7-31	Original	7-81.7	3rd*
7-32	Original	7-81.8	Original
7-33	Original	7-82	19th
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7-43	Original	7-87.2	3rd
7-44	Original	7-87.3	2nd
7-45	Original	7-87.4	2nd
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7-47	Original	7-89	Original
7-48	Original	7-90	1st
7-49	1st	7-91	1st
7-50	Original	7-91.1	3rd
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7-52	1st	7-91.3	Original
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7-54	Original	7-91.5	Original
7-55	Original	7-91.6	Original
7-56	9th	7-91.7	Original
7-57	Original	7-91.8	Original
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7-59	Original	7-91.10	Original
7-60	Original	7-92	4th
7-61	1st	7-93	3rd
7-62	3rd	7-93.1	Original
7-63	1st	7-94	Original
7-64	2nd	8-1	1st
7-65	1st	8-2	2nd
7-66	Original	8-3	2nd
7-67	Original	8-3.1	Original
7-68	Original	8-4	1st
7-69	1st	8-5	1st
7-70	Original	8-6	Original
7-71	Original	8-7	1st
7-72	Original	8-8	1st
7-73	9th	8-9	1st
7-74	Original	8-10	2nd
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7-76	Original	8-12	Original
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*New or Revised

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Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE
RATES, RULES AND CHARGES
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9-14	6th*		
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10-10	Original	12-12	2nd
10-11	Original	13-1	4th
10-12	Original	13-2	4th
10-13	Original	13-3	Original
10-14	Original	13-4	3rd
10-15	Original	13-5	4th
10-16	Original	13-6	3rd
10-17	Original	13-7	3rd
10-18	Original	13-8	4th
10-19	Original	13-9	4th
10-20	Original	13-10	4th
10-21	Original	13-11	Original
10-22	1st	13-12	Original
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10-22.1.1	Original	13-14	1st
10-22.2	1st	13-15	1st
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10-22.6	Original	13-19	1st
10-22.7	1st	13-20	1st
10-23	Original	13-21	1st
10-24	Original	13-22	3rd*
10-25	Original	13-23	2nd*
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10-27	Original	13-25	2nd
10-28	1st	13-26	Original
10-29	Original	13-27	Original
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11-2	Original	13-38	Original
11-3	1st	13-39	Original
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ACCESS SERVICE

RATES, RULES AND CHARGES

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13-57	Original	15-42	Original
13-58	Original	15-43	Original
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15-3	Original	15-49	Original
15-4	Original	16-1	1st*
15-5	Original	16-2	1st
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15-7	Original	16-4	Original
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15-22	Original	16-18	Original
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15-27	Original	16-23	1st
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Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

RATES, RULES AND CHARGES

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18-3	Original	18-35	Original
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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

RATES, RULES AND CHARGES

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18-44	Original	20-17	1st
18-45	Original	20-18	1st
18-46	Original	20-19	1st
18-47	Original	20-20	1st
18-48	Original	20-21	1st
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18-51	Original	20-24	1st
18-52	Original	20-25	1st
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25-14	Original	27-9	1st
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* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

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ACCESS SERVICE

CONCURRING CARRIERS

NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

NO OTHER PARTICIPATING CARRIERS

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ACCESS SERVICE

EXPLANATION OF SYMBOLS

C	-	To signify changed regulation
D	-	To signify discontinued rate or regulation
I	-	To signify increase
M	-	To signify matter relocated without change
N	-	To signify new rate or regulation
R	-	To signify reduction
S	-	To signify reissued matter
T	-	To signify a change in text but no change in rate or regulation
Z	-	To signify a correction

EXPLANATION OF ABBREVIATIONS

ac	-	alternating current
ALA	-	Access Line Arrangement
AML	-	Actual Measured Loss
ANI	-	Automatic Number Identification
AP	-	Program Audio
ATA	-	Access Trunk Arrangement
AT&T	-	American Telephone and Telegraph Company
BHMC	-	Busy Hours Minutes of Capacity
BSA	-	Basic Service Arrangement
BSE	-	Basic Service Element
Carot	-	Centralized Automatic Reporting on Trunks
CCC	-	Clear Channel Capability
CCS	-	Common Channel Signaling
CNCC	-	Customer Network Control Center
COCTX	-	Central Office Centrex
Cont'd	-	Continued
CPE	-	Customer Provided Equipment
CSACC	-	Customer Service Administration Control Center
Ctx	-	Centrex
DA	-	Digital Data Access
db	-	decibel
dBrnC0	-	Decibel Reference Noise C-Message Weighted 0
dBy	-	decibel(s) relative to 1 volt
dc	-	direct current
EDD	-	Envelope Delay Distortion
ELEPL	-	Equal Level Echo Path Loss
EML	-	Expected Measured Loss
EPL	-	Echo Path Loss
ERL	-	Echo Return Loss
ESS	-	Electronic Switching System
ESSX	-	Electronic Switching System Exchange
f	-	frequency
F.C.C.	-	Federal Communications Commission
FI	-	Facility Interface
FID	-	Field Identifier
FX	-	Foreign Exchange
HC	-	High Capacity
Hz	-	Hertz

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ACCESS SERVICE

EXPLANATION OF ABBREVIATIONS

IC	-	Interstate Customer	
ICB	-	Individual Case Basis	
ICL	-	Insert & Connection Loss	
ISDN	-	Integrated Services Digital Network	
kbps	-	kilobits per second	
KHz	-	kilohertz	
LATA	-	Local Access and Transport Area	
LDMTS	-	Long Distance Message Telecommunications Service(s)	
Ma	-	milliamperes	
Mbps	-	Megabits per second	
MECAB	-	Multiple Exchange Carrier Access Billing	
MECOD	-	Multiple Exchange Carrier Ordering and Design	
MF	-	Multifrequency	
MHz	-	Megahertz	
MOU	-	Minutes of Use	
MRC	-	Monthly Recurring Charge	
MSA	-	Metropolitan Statistical Area	(N)
NB	-	Narrowband	
NPA	-	Numbering Plan Area	
NRC	-	Nonrecurring Charge	
NTS	-	Non-Traffic Sensitive	
NXX	-	Three Digit Central Office Code	
OTPL	-	Zero Transmission Level Point	
PBX	-	Private Branch Exchange	
PCM	-	Pulse Code Modulation	
PI	-	Priority Installation	
PLR	-	Private Line Ringdown	
PR	-	Priority Restoration	
rms	-	root-mean-square	
RSM	-	Remote Switching Modules	
RSS	-	Remote Switching Systems	
SPOI	-	Signaling Point of Interface	
SRL	-	Singing Return Loss	
SSN	-	Switched Service Network	
SS7	-	Signaling System Seven	
STP	-	Signaling Transfer Point	
SWC	-	Serving Wire Center	
TES	-	Telephone Exchange Service(s)	
TLP	-	Transmission Level Point	
TNS	-	Transit Network Selection	
TSP	-	Telecommunications Service Priority	
TSPS	-	Traffic Service Position System	
TV	-	Television	
USOC	-	Uniform Service Order Code	
VG	-	Voice Grade	
V & H	-	Vertical & Horizontal	
WA	-	Wideband Analog	
WATS	-	Wide Area Telecommunications Service(s)	
WD	-	Wideband Digital	

(This page filed under Transmittal No. 43)

ACCESS SERVICE

NEVADA BELL/UNIFORM ONA SERVICE NAME CROSS REFERENCE

The following is a list of Nevada Bell's Open Network Architecture (ONA) Basic Service Elements (BSEs) which provides a mapping from the feature name utilized in this tariff to the industry standard feature name.

<u>NEVADA BELL</u>	<u>UNIFORM ONA SERVICE NAME</u>
Automatic Number Identification	Calling Billing Number Delivery- FG D Protocol
Hunt Group Arrangement	Multiline Hunt Group
Uniform Call Distribution Arrangement	Multiline Hunt Group - Uniform Call Distribution Line Hunting
Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement	Multiline Hunt Group - Individual Access to Each Port in Hunt Group
Call Transfer	Three Way Call Transfer
Availability and Stop Hunting Control Arrangement	Make Busy Key
Port Access to Verify Integrity of Subscriber Lines	Verify Integrity of Subscriber Lines
Direct Inward Dialing	Called Directory Number Delivery via DID
Answer Supervision - Lineside	Answer Supervision with a Lineside Interface

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ACCESS SERVICE

REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof.

REFERENCE TO TECHNICAL PUBLICATIONS

The following technical publications referenced in this tariff may be obtained from: Bell Communications Research, Inc., Customer Services, 60 New England Avenue, Piscataway, NJ 08854-4196.

Technical Reference:

PUB 41004 Issued: October, 1973	Available: October, 1973
PUB 62310 Issued: September, 1983	Available: October, 1983
PUB 62411 Issued: September, 1983	Available: October, 1983
PUB 62500 Issued: December, 1983	Available: March 15, 1984

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

TR-NPL-000334 Issued: January, 1986	Available: June, 1986
TR-NPL-000335 Issued: June, 1986	Available: June, 1986
TR-NPL-000336 Issued: October, 1987	Available: December, 1987
TR-NPL-000337 Issued: July, 1987	Available: July, 1987
TR-NPL-000338 Issued: December, 1986	Available: December, 1986
TR-NPL-000341 Issued: March, 1989	Available: March, 1989
TA-TSY-000342 Issued: March, 1990	Available: March, 1990
TR-TSV-000905 Issued: July 1989	Available: July 1, 1989
TR-NWT-000938 Issued: August, 1990	Available: August, 1990
TR TSV-000962 Issued: September, 1990	Available: September, 1990
TR EOP-000063, Issue No.3 Issued: September 1991	Available: September, 1991
GR-3334-CORE Issued: November, 1994	Available: November, 1994
GR-2936, Issue No. 2 Issued: December, 1996	Available: December, 1996
GR-253-CORE Issued: December, 1995	Available: December, 1995
GR-317-CORE, Issue 7 Issued: December, 2003	Available: December, 2003
GR-394-FORE, Issue 7 Issued: December, 2003	Available: December, 2003
TP-76200 MP Issued: December, 1998	Available: December, 1998
TP-76300 MP Issued: September, 1999	Available: September, 1999

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following Technical Publications are referenced in this tariff and may be obtained from the National Exchange Carrier Association, Inc., Director - Tariff Administration, 100 S. Jefferson Road, Whippany, NJ 07981 and the Federal Communications' Commercial Contractor.

PUB AS No. 1
Issued: March, 1984

The following Ordering and Forum standards are referenced in this tariff and may be obtained from Bell Communications Research, Customer Services, 60 New England Ave., Piscataway, NJ 08854-4196:

Multiple Exchange Carrier Access Billing (MECAB)
Issued: November, 1987

Multiple Exchange Carrier Ordering and Design (MECOD)
Issued: November, 1987

Current issues of the following tariffs may be obtained from the Federal Communications Commission's commercial contractor: National Exchange Carrier Association Inc. Tariff F.C.C. Nos. 4 and 5.

The following technical publication is reference in this tariff and may be obtained from Pacific Bell, Information Exchange, 2600 Camino Ramon, Room 1S450, San Ramon, CA 94583.

PUB L-780085-PB
Issued: April, 1991

PUB L-780077-PB/NB
Issued: June, 1990

PUB L-780080-PB/NB
Issued: November, 1992

Available: November, 1992

PUBL-780079-PB
Issued: October 1993

Available: October, 1993

The following technical publication is referenced in this tariff and may be obtained from A T & T Development Manager, 295 North Maple Avenue, Room 6348G2, Basking Ridge, NJ 07920.

Technical Reference
TR 41454
Issued: December 1988

Certain material appearing on this page previously appeared on Original Page 28.

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ACCESS SERVICE

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from: Nevada Bell, Collocation Services, Engineering, 645 E. Plumb Lane, Room C 244, Reno, NV 89502

Central Office Equipment Installation and Job Acceptance Handbook

Issued: November 1992

Available: November 1992

The Technical Reference can be obtained from:

www.sbc.com/public_affairs/regulatorydocuments/tariffs/1,5936,4480.html?pid+354

or The Telecordia Technologies Research Publication(s) can be obtained from 8 Corporate Place
Piscataway, New Jersey 08854

(N)

AM TR-NIS-000100, Ameritech LAN Interconnect Service-Token Ring
Interface Specifications

Available: March, 2003

AM TR-NIS-000104, Ameritech LAN Interconnect Service -CSMA/CD
Interface Specifications

Available: March, 2003

AM-TR-NIS-000111, Ameritech OC-3, OC-12, and OC-48 Service Interface
Specifications

Available: March, 2003

AM-TR-TMO-000101, Ameritech Digital Service Transmission Parameters

Available: March, 2003

AM-TR-TMO-000080, Ameritech Service's Network Channel and Network
Channel Interface Codes

Available: March, 2003

AM-TR-NIS-000096, Ameritech Technical Interfaces Specifications

Available: March, 2003

AM-TR-NIS-000107, (ESCON™)

Available: March, 2003

IBM SA22-7202-XX, IBM Documentation (ESCON™)

IBM SA22-0394-XX

Available: March, 2003

ANSI X3.T9.3, Fibre Channel (also includes FICON™ and ISC™)
ANSI/IEEE 802.3, Fast Ethernet

Available: March, 2003

IEEE 802.3x and z, Gigabit Ethernet
IEEE 802.3ae

Available: March, 2003

ANSI/SMPTE 259M, D1 Video

Available: March, 2003

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REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following publications are referenced in this tariff and may be obtained from: Bell Communications Research, Inc., Information Operations Center, 60 New England Ave., Piscataway, NJ 08854-4796.

Technical Reference:

GR-394-CORE

Issued: February, 1994 Available: February, 1994

GR-905-CORE

Issued: March, 1995 Available: March, 1995

GR-866-CORE, Revision 1

Issued: February, 1999 Available: February, 1999

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ACCESS SERVICE

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(This page filed under Transmittal No. 1)

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

1. Application of Tariff

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of Carrier Common Line, End User Access, Switched Access, Special Access Services Lifeline Assistance and Universal Service Fund, and other miscellaneous services, hereinafter referred to collectively as service(s), provided by Nevada Bell, hereinafter referred to as the Telephone Company, to customers.
- 1.2 The provision of such services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the customer for the furnishing of any service.
- 1.3 The operating territory of the Telephone Company is comprised of the locations set forth in 17. following for the state of Nevada.
- 1.4 Pursuant to the Commission's Rules at Section 69.4(c), 69.5(d), 69.104(1), 69.116, 69.117, 69.603(c), and 69.603(d), regulations concerning administration and billing of Lifeline Assistance and Universal Service Fund, rates and charges for these carrier's carrier elements are contained in Section 8 of the National Exchange Carrier Association, Inc., Tariff FCC No. 5. The National Exchange Carrier Association, Inc., will bill and collect all Lifeline Assistance and Universal Service Fund charges on behalf of the Telephone Company.

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ACCESS SERVICE

2. General Regulations2.1 Undertaking of the Telephone Company2.1.1 Scope

- (A) The Telephone Company does not undertake to transmit messages under this tariff.
- (B) The Telephone Company shall be responsible only for the installation, operation and maintenance of the services which it provides.
- (C) The Telephone Company will, for maintenance purposes, test its services only to the extent necessary to detect and/or clear troubles.
- (D) Services are provided 24 hours daily, seven days per week, except as set forth in other applicable sections of this tariff.
- (E) The regulations set forth in this tariff shall apply to (1) access services ordered by a customer pursuant to Section 5, as well as to (2) facilities provisioned by the Telephone Company on behalf of a customer as DS1 or DS3 loop or transport, entrance facilities, dedicated DS0 and/or Optical Carrier Network unbundled network elements (UNEs), but which, as of March 12, 2006, are no longer available as UNEs and for which no alternative arrangements have been made as of March 12, 2006.

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(This page filed under Transmittal No. 120)

ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.2 Limitations

(A) The Customer may not assign or transfer the use of services provided under this tariff; however, where there is no interruption of use or relocation of the services, such assignment or transfer may be made to:

(1) another Customer, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such services, and the unexpired portion of the minimum period and the termination liability applicable to such services, if any; or

(2) a court-appointed receiver, trustee or other person acting pursuant to law in bankruptcy, receivership, reorganization, insolvency, liquidation or other similar proceedings, provided the assignee or transferee assumes the unexpired portion of the minimum period and the termination liability applicable to such services, if any.

In all cases of assignment or transfer, the written acknowledgment of the Telephone Company is required prior to such assignment or transfer which acknowledgement shall be made within 15 days from the receipt of notification. All regulations and conditions contained in this tariff shall apply to such assignee or transferee.

The assignment or transfer of services does not relieve or discharge the assignor or transferee from remaining jointly or severally liable with the assignee or transferee for any obligations existing at the time of the assignment or transfer.

(B) The regulations for the installation, use and restoration of Telecommunications Service Priority (TSP) System service shall be in accordance with Part 64.401, Appendix A, of the Federal Communications Commission's Rules and subject to the regulations set forth in 10.8.1 (D) following.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.2 Limitations (Cont'd)

- (C) Subject to compliance with the rules mentioned in (B) preceding, the services offered herein will be provided to customers on a first-come, first-served basis.

2.1.3 Liability

- (A) The Telephone Company's liability, if any, for its willful misconduct is not limited by this tariff. With respect to any other claim or suit, by a customer, End User or by any others, for damages associated with the installation, provision, termination, maintenance, repair or restoration of service, preemption, and subject to the provisions of (B) through (H) following, the Telephone Company's liability shall not exceed an amount equal to the proportionate charge for the service for the period during which the service was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the customer or End User under this tariff as a Credit Allowance for a Service Interruption.
- (B) The Telephone Company shall not be liable for any act or omission of any other carrier or customer providing a portion of a service, nor shall the Telephone Company for its own act or omission hold liable any other carrier or customer providing a portion of a service.
- (C) The Telephone Company shall not be liable for any act or omission concerning the implementation of Presubscription as set forth in 13. following, except as indicated in 2.1.3(A) preceding.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.3 Liability (Cont'd)

- (D) The Telephone Company is not liable for damages to the customer premises resulting from the furnishing of a service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Telephone Company's negligence.
- (E) The Telephone Company shall be indemnified, defended and held harmless by the end user against any claim, loss or damage arising from the end user's use of services offered under this tariff, involving:
 - (1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the end user's own communications;
 - (2) Claims for patent infringement arising from the end user's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;
 - (3) All other claims arising out of any act or omission of the end user in the course of using services provided pursuant to this tariff.

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.3 Liability (Cont'd)

(F) The Telephone Company shall be indemnified, defended and held harmless by the IC against any claim, loss or damage arising from the IC's use of services offered under this tariff, involving:

(1) Claims for libel, slander, invasion of privacy, or infringement of copyright arising from the IC's own communications;

(2) Claims for patent infringement arising from the IC's acts combining or using the service furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or IC or;

(3) All other claims arising out of any act or omission of the IC in the course of using services provided pursuant to this tariff.

(G) The Telephone Company does not guarantee or make any warranty with respect to its services when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the customer from any and all claims by any person relating to such customer's use of services so provided.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.3 Liability (Cont'd)

- (H) No license under patents (other than the limited license to use) is granted by the Telephone Company or shall be implied or arise by estoppel, with respect to any service offered under this tariff. The Telephone Company will defend the customer against claims of patent infringement arising solely from the use by the customer of services offered under this tariff and will indemnify such customer for any damages awarded based solely on such claims.
- (I) The Telephone Company's failure to provide or maintain services under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Telephone Company, acts of God and other circumstances beyond the Telephone Company's reasonable control, subject to the Credit Allowance for a Service Interruption as set forth in 2.4.4 following.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.4 Provision of Services

The Telephone Company, to the extent that such services are or can be made available with reasonable effort, and after provision has been made for the Telephone Company's Telephone Exchange Services, will provide to the customer upon reasonable notice services offered in other applicable sections of this tariff at rates and charges specified therein.

2.1.5 Installation and Termination of Services(A) For All Services Except Expanded Interconnection Service

The Access Services provided under this tariff (A) will include any entrance cable or drop wiring and wire or intrabuilding cable to that point where provision is made for termination of the Telephone Company's outside distribution network facilities at a suitable location inside a customer-designated premises and (B) will be installed by the Telephone Company to such Point of Termination. Access Service is provided with one Point of Termination per customer premises. At the customer's request, the Telephone Company will provide additional Points of Termination at an additional charge. The charge for additional Points of Termination will include the cost of additional materials and labor. The labor rates, as set forth in 13.1.1 and 13.2.6(C), apply. The Point of Termination is an inherent part of Switched and Special Access Services, therefore, the preceding does not preclude the customer's ability to have the Point of Termination moved as set forth in 6.7.5 and 7.2.3 following for Switched and Special Access Services, respectively.

(B) Expanded Interconnection Service

The Expanded Interconnection Service provided for under this tariff will include the connection of EIS Channel Termination as described in Section 18 following, for the Telephone Company provided Switched or Special Access Service, as described in Section 6 or 7 following, to Collocator-provided transmission equipment.

2.1.6 Maintenance of Services

The services provided under this tariff shall be maintained by the Telephone Company. The customer or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Telephone Company other than by connection or disconnection to any interface means used except with the written consent of the Telephone Company. Customer owned inside wire maintenance is the customer's responsibility, but may be maintained by the Telephone Company at the customer's request, on a deregulated basis. When trouble on an Access Service is caused by facilities, equipment or wiring owned by the customer, a charge will apply on a deregulated basis.

(N)

(N)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.7 Changes and Substitutions

Except as provided for equipment and systems subject to F.C.C. Part 68 regulations at 47 C.F.R. 5 68.110(b), the Telephone Company may, where such action is reasonably required in the operation of its business, (A) substitute, change or rearrange any facilities used in providing service under this tariff, including but not limited to, (1) substitution of different metallic facilities, (2) substitution of carrier or derived facilities for metallic facilities used to provide other than metallic facilities and (3) substitution of metallic facilities for carrier or derived facilities used to provide other than metallic facilities, (B) change minimum protection criteria, change operating or maintenance characteristics of facilities or (D) change operations or procedures of the Telephone Company. In case of any such substitution, change or rearrangement, the transmission parameters will be within the range as set forth in 6. and 7. following. The Telephone Company shall not be responsible if any such substitution, change or rearrangement renders any customer furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change or rearrangement materially affects the operating characteristics of the facility, the Telephone Company will provide reasonable notification to the customer in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics. The Telephone Company will work cooperatively with the customer to determine reasonable notification requirements.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.8 Refusal and Discontinuance of Service

The Telephone Company may refuse additional applications for service or discontinue the provision of services as set forth in 2.1.8(A)(1) and 2.1.8(A)(2) following, unless the provisions of 2.2.2(B) (Interference or Impairment) or 2.5 (Connections) following apply, when the customer fails to comply with:

- 2.2.3 (Unlawful and Abusive Use),
 - 2.3.1 (Damages),
 - 2.3.6 (Availability for Testing),
 - 2.3.7 (Balance)
 - 2.3.14 (Jurisdictional Reports), or
 - 2.4 (Payment Arrangements and Credit Allowances)- including any payments to be made by the customer on the dates and times herein specified.
- (D)

(A) The Telephone Company may initiate any or all of the actions described in 2.1.8(A)(1) and 2.1.8(A)(2) on fifteen (15) calendar days written notice for failure to comply with the bill payment provisions in 2.4.1 if:

- (i) the Telephone Company has sent the subject bill to the customer within seven (7) business days of the bill date; or
- (ii) the Telephone Company has sent the subject bill to the customer more than thirty (30) calendar days before notice under this section is given.

The 15 day notice will be made by Overnight Delivery to the person designated by that customer to receive such notices of noncompliance, such notice period to start the day after the notice is sent.

For all other compliance failures not qualifying for 15 day notice, the Telephone Company will give thirty (30) calendar days written notice by Overnight Delivery or Certified U.S. Mail (return receipt requested) to the person designated by that customer to receive such notices of noncompliance, such notice period to start the day after the notice is sent. The Telephone Company will maintain records sufficient to validate the date upon which a bill was sent to a customer.

Overnight Delivery under this section shall be performed by a reputable carrier such as the U.S. Postal Service Express Mail, Airborne, United Parcel Service, or Federal Express.

- (1) Refuse additional applications for service and/or refuse to complete any pending orders for service by the noncomplying customer at anytime thereafter. The Telephone Company may also refuse to accept and process any requests from end users or from the customer to designate that customer as the end user's Primary Interexchange Carrier (PIC), as described in Section 13.3.3, following.

(This page filed under Transmittal No. 105)

ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.8 Refusal and Discontinuance of Service (Cont'd)

(A) (Cont'd)

(1) (Cont'd)

If an end user contacts the Telephone Company to designate the customer as the end user's PIC, the end user will be given the choice of either remaining with the end user's existing PIC or selecting a new PIC other than the customer. If the Telephone Company does not refuse additional applications for service or PIC changes to the customer on the date specified in the fifteen (15) or thirty (30) days notice, and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to refuse additional applications for service to the noncomplying customer or PIC changes to the customer without further notice.

(N)

(N)

(C)

(C)

(C)

(M)

(M)

(M)

(C)

(M)

(D)

(D)

Certain material appearing on this page previously appeared on 4th Revised
Page 2-14

Certain material previously appearing on this page now appears on 4th Revised
Page 2-15.1.

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ACCESS SERVICE

2. General Regulations (Cont'd)

(N)

2.1 Undertaking of the Telephone Company (Cont'd)2.1.8 Refusal and Discontinuance of Service (Cont'd)

(A) (Cont'd)

- (2) Discontinue the provision of the services to the noncomplying customer. If the Telephone Company discontinues service, it will no longer route any switched access traffic that uses the customer's Carrier Identification Code(s) (CIC). In the case of such discontinuance, all applicable charges, including termination charges, shall become due. If the Telephone Company does not discontinue the provision of the services involved on the date specified in the notice and the customer's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to discontinue the provision of the services to the noncomplying customer without further notice.

(N)
(C)
(C)
(C)

The Telephone Company will not initiate any of the actions described in paragraphs (1) and (2) above as to disputed bill amounts where the customer does not pay disputed bill amounts by the bill due date as specified in Section 2.4.1(B)(1), (2), (3)(a) and (b), and the Telephone Company has not rendered a decision on the dispute. The dispute process is outlined in 2.4.1(B)(3)(c), (d), and (e).

(N)

- (B) When access service is provided by more than one telephone company, the companies involved in providing the joint service may individually or collectively deny service to a customer for nonpayment. Where the telephone companies affected by the nonpayment are incapable of effecting discontinuance of service without cooperation from the other joint providers of Switched Access Service, such other telephone companies will, if technically feasible, assist in denying the joint service to the customer. Service denial for such joint service will only include calls which originate or terminate within, or transit, the operating territory of the telephone companies initiating the service denial for nonpayment. When more than one of the joint providers must deny service to effectuate termination for nonpayment, in cases where a conflict exists in the applicable tariff provisions, the tariff regulations of the telephone company where the customer end office is located shall prevail for joint service discontinuance provisions.

(N)

Revised material appearing on this page previously appeared on 4th Revised Page 2-15.

(This page filed under Transmittal No. 97)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.1 Undertaking of the Telephone Company (Cont'd)

2.1.9 Limitation of Use of Metallic Facilities

- (A) Signals applied to a metallic facility shall conform to the limitations set forth in Technical Reference Publication AS No. 1. In the case of application of dc telegraph signaling systems, the customer shall be responsible, at its expense, for the provision of current limiting devices to protect the Telephone Company facilities from excessive current due to abnormal conditions and for the provision of noise mitigation networks when required to reduce excessive noise.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.1 Undertaking of the Telephone Company (Cont'd)2.1.10 Notification of Service-Affecting Activities

The Telephone Company will provide the customer reasonable notification of service-affecting activities that may occur in normal operation of its business. Such activities may include but are not limited to, equipment or facilities additions, removals or rearrangements, routine preventative maintenance and major switching machine change-out. Generally, such activities are not individual customer service specific, they affect many customer services. No specific advance notification period is applicable to all service activities. The Telephone Company will work cooperatively with the customer to determine the notification requirements.

2.1.11 Coordination with Respect to Network Contingencies

The Telephone Company intends to work cooperatively with the customer to develop network contingency plans in order to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

2.1.12 Provision and Ownership of Telephone Numbers

The Telephone Company reserves the reasonable right to assign, designate or change telephone numbers, or any other call number designations associated with Access Services, or the Telephone Company serving central office prefixes associated with such numbers, when necessary in the conduct of its business. Should it become necessary to make a change in such number(s), the Telephone Company will furnish to the customer reasonable notice, by Certified U.S. Mail of the effective date and an explanation of the reason(s) for such change(s).

2.1.13 Metropolitan Statistical Area Access Services

For the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility, pursuant to Subpart H of Part 69 of the Commission's Rules. Section 22 of this Tariff governs the offering of service in these MSAs. Upon approval of Phase II pricing flexibility for a petitioned MSA, services purchased via Sections 6, 7, 8, 20, 22, 25, 26, 27, 30 and 32, under the various Pricing Plans as identified in Section 22.4(F), will then become subject to the regulations in Section 22, Metropolitan Statistical Area Access Services.

(N)

2.2 Use

2.2.1

(A)

(B)

(This page filed under Transmittal No. 139)

ACCESS SERVICE

2. General Regulations (Cont'd)

2.2 Use (Cont'd)

2.2.2 Interference or Impairment

- (A) The characteristics and methods of operation of any circuits, facilities or equipment provided by other than the Telephone Company and associated with the facilities utilized to provide services under this tariff shall not interfere with or impair service over any facilities of the Telephone Company, its affiliated companies, or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.2 Use (Cont'd)2.2.2 Interference or Impairment (Cont'd)

- (B) Except as provided for equipment or systems subject to the F.C.C Part 68 rules in 47 C.F.R. S 68.108, if such characteristics or methods of operation are not in accordance with (A) preceding, the Telephone Company will, where practicable, notify the customer that temporary discontinuance of the use of a service may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Telephone Company's right to temporarily discontinue forthwith the use of a service if such action is reasonable under the circumstances. In case of such temporary discontinuance, the customer will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance. During such period of temporary discontinuance, credit allowance for service interruptions as set forth in 2.4.4(A) and (B) following is not applicable.

2.2.3 Unlawful Use

The service provided under this tariff shall not be used for an unlawful purpose.

2.3 Obligations of the Customer2.3.1 Damages

The customer shall reimburse the Telephone Company for damages to Telephone Company facilities utilized to provide services under this tariff caused by the negligence or willful act of the customer or resulting from the customer's improper use of the Telephone Company facilities, or due to malfunction of any facilities or equipment provided by other than the Telephone Company. Nothing in the foregoing provision shall be interpreted to hold one customer liable for another customer's actions. The Telephone Company will, upon reimbursement for damages, cooperate with the customer in prosecuting a claim against the person causing such damage and the customer shall be subrogated to the right of recovery by the Telephone Company for the damages to the extent of such payment.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.2 Ownership of Facilities and Theft

Facilities utilized by the Telephone Company to provide service under the provisions of this tariff shall remain the property of the Telephone Company. Such facilities shall be returned to the Telephone Company by the customer, whenever requested, within a reasonable period following the request in as good condition as reasonable wear will permit.

2.3.3 Equipment Space and Power

The customer shall furnish or arrange to have furnished to the Telephone Company, at no charge, equipment space and electrical power required by the Telephone Company to provide services under this tariff at the points of termination of such services. The selection of ac or dc power shall be mutually agreed to by the customer and the Telephone Company. The customer shall also make necessary arrangements in order that the Telephone Company will have access to such spaces at reasonable times for installing, testing, repairing or removing Telephone Company services.

2.3.4

2.3.5

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.6 Availability for Testing

The services provided under this tariff shall be available to the Telephone Company at times mutually agreed upon in order to permit the Telephone Company to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition. Such tests and adjustments shall be completed within a reasonable time. No credit will be allowed for any interruptions involved during such tests and adjustments.

2.3.7 Balance

All signals for transmission over the services provided under this tariff shall be delivered by the customer balanced to ground except for ground-start, duplex (DX) and McCulloch-Loop (Alarm System) type signaling and dc telegraph transmission at speeds of 75 baud or less

2.3.8 Design of Customer Services

Subject to the provisions of 2.1.7 preceding, the customer shall be solely responsible, at its own expense, for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations, or procedures of the Telephone Company, minimum protection criteria, or operating or maintenance characteristics of the facilities.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.9 References to the Telephone Company

The customer may advise End Users that certain services are provided by the Telephone Company in connection with the service the customer furnishes to End Users; however, the customer shall not represent that the Telephone Company jointly participates in the customer's services.

2.3.10

2.3.11 Claims and Demands for Damages

- (A) With respect to claims of patent infringement made by third persons, the customer shall defend, indemnify, protect and save harmless the Telephone Company from and against all claims arising out of the combining with, or use in connection with, the services provided under this tariff, any circuit, apparatus, system or method provided by the customer.
- (B) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including attorney fees and court costs by third persons arising out of the construction, installation, operation, maintenance, or removal of the customer's circuits, facilities, or equipment connected to the Telephone Company's services provided under this tariff, including, without limitation, Workmen's Compensation claims, actions for infringement of copyright and/or unauthorized use of program material, libel and slander actions based on the content of communications transmitted over the customer's circuits, facilities or equipment, and proceedings to recover taxes, fines, or penalties for failure of the customer to obtain or maintain

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.11 Claims and Demands for Damages (Cont'd)

(B) (Cont'd)

in effect any necessary certificates, permits, licenses, or other authority to acquire or operate the services provided under this tariff; provided, however, the foregoing indemnification shall not apply to suits, claims, and demands to recover damages for damage to property, death, or personal injury unless such suits, claims or demands are based on the tortuous conduct of the customer, its officers, agents or employees.

(C)

- (D) The customer shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by the customer or third parties arising out of any act or omission of the customer in the course of using services provided under this tariff.

2.3.12

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.13 Coordination with respect to Network Contingencies

The customer shall, in cooperation with the Telephone Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.

2.3.14 Jurisdictional Reports Requirements

Where the customer orders new trunks that augment an existing trunk group that carries both interstate and intrastate traffic and the PIU is determined from the actual call detail, the PIU applied to the provisioning and billing of the new trunks requested by the customer will also be determined from the actual call detail for the entire trunk group. In such instances, the Access Service Request used by the customer to order the new trunks cannot reflect a PIU of 100%.

(A) Jurisdictional Reports

- (1) (a) When a customer orders Directory Assistance Service, an Access Line Arrangement (ALA) or Feature Group A and/or an Access Trunk Arrangement 950 (ATA950) or Feature Group B Switched Access Service the customer shall state in writing the projected interstate percentage for interstate usage for each ALA or Feature Group A and/or ATA950 or Feature Group B Switched Access Service ordered. If the customer discontinues some but not all the ALA or Feature Group A and/or ATA950 or Feature Group B Switched Access Services in a group, it shall provide the projected interstate percentage for the services which are not discontinued.
- (b) The project interstate percentages will be used by the Telephone Company to apportion the usage between interstate and intrastate until a revised report with adjusted raw data is received as set forth in (6) following.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.14 Jurisdictional Report Requirements (Cont'd)(A) Jurisdictional Reports (Cont'd)

- (2) All single ALA or Feature Group A and ATA950 or Feature Group B Switched Access Service usage and charges will be apportioned by the Telephone Company between interstate and intrastate. The projected interstate percentage reported as set forth in (1) (a) and (1) (b) preceding will be used to make the apportionment.
- (3) For multiline hunt group or trunk group arrangements where either the interstate or the intrastate charges are based on measured usage, the interstate ALA or Feature Group A and/or ATA950 or Feature Group B Switched Access Service(s) information reported as set forth in (1) preceding will be used to determine the charges. For all groups, the number of access minutes (either the measured minutes or the assumed minutes) for a group will be multiplied by the projected interstate percentage to develop the interstate access minutes. The number of access minutes for the group minus the developed interstate access minutes for the group will be the developed intrastate access minutes.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.14 Jurisdictional Report Requirements (Cont'd)(A) Jurisdictional Reports (Cont'd)

- (4) When a customer orders an Access Trunk Arrangement Non Equal Access(ATANEA) or Feature Group C, or an Access Trunk Arrangement 10XXX (ATAXXX) or Feature Group D or 500, 700, 900, Toll Free Access Service or FGD terminating Switched Access Service(s), the customer may declare a PIU as described in (A)(6)(C) following. If the customer elects not to provide 500, 700, 900, Toll Free Access Service or FGD terminating PIU factors, the Telephone Company, where the jurisdiction can be determined from the call detail, will determine the projected interstate percentage as follows. For originating access minutes, the projected interstate percentage will be developed on a monthly basis by end office when the ATANEA or Feature Group C, ATAXXX or Feature Group D, 500, 700, 900 or Toll Free Switched Access Service access minutes are measured by dividing the measured interstate originating access minutes (the access minutes where the calling number is in one state and the called number is in another state) by the total originating access minutes when the call detail is adequate to determine the appropriate jurisdiction.

For terminating access minutes including Directory Assistance Service, the data used by the Telephone Company to develop the projected interstate percentage for originating access minutes will be used to develop projected interstate percentage for such terminating access minutes. When originating call details are insufficient to determine the jurisdiction for the call, the customer shall supply the projected interstate percentage or authorize the Telephone Company developed percentage. This percentage shall be used by the Telephone Company as the interstate percentage for such call detail. The Telephone Company will designate the number obtained by subtracting the projected interstate percentage for originating and terminating access minutes calculated by the Telephone Company from 100 (100 - Telephone Company calculated projected interstate percentage = intrastate percentage) as the projected intrastate percentage of use.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.3 Obligations of the Customer (Cont'd)

2.3.14 Jurisdictional Report Requirements (Cont'd)

(A) Jurisdictional Reports (Cont'd)

All Switched Access DNAL BSA rates and charges will be apportioned by the Telephone Company between interstate and intrastate based upon the PIU provided by the customer. Rules and regulations for PIUs for Access Line and Access Trunk Arrangements are set forth in Section 2.3.14 following.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.14 Jurisdictional Report Requirements (Cont'd)(A) Jurisdictional Reports (Cont'd)

(5)

- (6) (a) Except where Telephone Company measured access minutes are used as set forth in (4) preceding, the customer reported or interstate percentage of use as set forth in (1), (4), or (7) preceding will be used until the customer reports in writing a different number of lines or trunks or a different projected interstate percentage for an in service end office interstate use. The revised report will serve as the basis for future billing and will be effective on the next bill date. No prorating or back billing will be done based on the report.
- (b) Pursuant to Federal Communications Commission order FCC 85-145 adopted April 16, 1985 interstate usage is to be developed as though every call that enters a customer network at a point within the same state as that in which the called station (as designated by the called station number) is situated is an

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2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.14 Jurisdictional Report Requirements (Cont'd)(A) Jurisdictional Reports (Cont'd)

(6) (b) (Cont'd)

intrastate communication and every call for which the point of entry is a state other than that where the called station (as designated by the called station number) is situated is an interstate communication.

- (c) The customer shall provide in writing to the Telephone Company the Percent Interstate Usage (PIU) no more than once every three months. At the customer's option, the PIU provided can be on a state or LATA basis as described in 2.3.14(A)(1), (2) and (3) preceding. When submitting the PIU, the customer will, upon request from the Telephone Company, include a summary sheet explaining how the PIU was determined. The customer should calculate its PIU based on the call detail records it uses to bill its customers. The customer may use a reasonable sampling method. If the customer uses data for less than one month to determine the PIU given to the Telephone Company, the supporting summary sheet should explain why less than one month's data has been used and whether the data provided is that which the customer uses to make its internal traffic forecasts and networking decisions. They must explain to the Telephone Company why and if they use the same data for their billing purposes. When a revised PIU varies by more than five percentage points from the last reported PIU, the summary sheet should include an explanation. The customer shall retain for six months the data used in calculating the PIU given to the Telephone Company. Adjustment factors may be applied in the calculation of PIUs only if the factor has been objectively determined based on statistically reliable, Nevada specific data.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.14 Jurisdictional Report Requirements (Cont'd)(7) Entrance Facilities (EF), Expanded Interconnection Service Channel Termination (EISCT), Direct Trunked Transport (DTT) and Tandem Switched Transport

- (a) When a customer orders a new Entrance Facility and/or Direct Trunked Transport for the provision of Switched Access lines or trunks, the customer shall provide in writing a single PIU factor known as a Facility PIU, to the Telephone Company, that will be used for the billing related to provisioning of nonrecurring charges as well as monthly recurring rates associated with those facilities.
- (b) Unassigned channels of the Entrance Facility, EISCT or Direct Trunked Transport will reflect the Facility PIU provided by the customer as described in (7)(a) preceding. The Telephone Company will accept the facility PIU in writing as described in (A)(6)(C) preceding or will accept a PIU as provided on the access service request. In the event the customer provides both a Facility PIU in writing and a stated PIU on the access service request, the PIU provided in writing will take precedence.
- (c) When a customer orders Switched Access lines or trunks, in conjunction with Entrance Facilities or EISCT and Direct Trunked Transport, the PIU factor as described in (A)(1),(4) and (7)(a&b) preceding will apply.
- (d) When a customer orders Switched Access Services that are routed through an access tandem, the PIU will reflect the PIU factor as described in (A)(1),(4) and (7).
- (e) Switched Access lines or trunks which terminate in an End Office of another Exchange Telephone Company, and are assigned to an Entrance Facility, EISCT or Direct Trunked Transport, will reflect the PIU factor as described in (1) and (7)(a) preceding.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.14 Jurisdictional Report Requirements (Cont'd)(B) Jurisdictional Report Verification

If the Telephone Company disputes the reasonableness of the PIU provided as described in (A)(6) above or a regulatory commission questions the projected interstate percentage, the Telephone Company will ask the customer to provide the data as described in (A)(6) above that the customer used to determine the projected interstate percentage. The customer shall supply the data within 15 days of the Telephone Company request. The customer shall keep records of call detail from which the percentage of interstate and intrastate use can be ascertained and upon request of the Telephone Company make the records available for inspection as reasonably necessary for purposes of verification of the percentages.

If the Telephone Company wishes to audit a PIU it must request an audit within six months of having received the PIU. The audit would be limited to examination of billing tapes used in calculating the PIU and verification that the tapes accurately represent the carrier's traffic.

(C) Maintenance of Customer Records

For purposes of determining PIU, every call that enters a customer switched network at a point within the same state as that in which the called station (as designated by the called station number) is situated, is an intrastate communication, and every call for which the point of entry to the customer switched network is in a state other than that where the called station (as designated by the called station number) is situated is an interstate communication.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.15 Determination of Interstate Charges for Mixed Interstate and Intrastate Access Service

When mixed interstate and intrastate Access Service is provided, all charges (i.e., nonrecurring, monthly and/or usage) including optional features charges, will be prorated between interstate and intrastate. Monthly recurring charges and nonrecurring charges for FGD will be billed based upon an aggregate percent of interstate use (PIU) determined from all traffic for that end office or tandem, as set forth in Section 2.3.14 preceding. The percentage provided in the reports as set forth in 2.3.14(A) preceding will serve as the basis for prorating the charges. The percentage of an Access Service to be charged as interstate is applied in the following manner:

- (A) For monthly and nonrecurring chargeable rate elements, multiply the percent interstate use times the quantity of chargeable elements times the stated tariff rate per element.
- (B) For usage sensitive chargeable rate elements, multiply the percent interstate use times actual use (i.e., measured or Telephone Company assumed average use) times the stated tariff rate.

The interstate percentage will change as revised usage reports are submitted as set forth in 2.3.14 preceding.

2.3.16 Certification of Special Access Services As Interstate(A) Interstate Classification Requirement

Pursuant to Federal Communications Commission Order FCC 89-224 adopted June 29, 1989 and released July 20, 1989, Special Access Services are to be classified as interstate when the services carry more than a de minimis amount of interstate traffic. Interstate traffic is deemed de minimis when the interstate traffic amounts to ten percent (10%) or less of the total traffic on a Special Access Service.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.16 Certification of Special Access Services As Interstate
(Cont'd)(B) Certification Requirement

When a customer orders a new Special Access Service the customer shall certify, in its order, that the Special Access Service carries interstate traffic and the interstate traffic is more than ten percent (10%) of the total traffic carried on the Special Access Service.

For existing Special Access services, or at any time the customer issues an order to change, rearrange, add or disconnect Special Access services to its existing network, or rearranges its network in any way that would affect the jurisdiction of traffic over its network, it is the responsibility of the customer to estimate the jurisdictional usage of each Special Access Service to determine if the traffic is more than 10% of the total traffic on that service.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.16 Certification of Special Access Services As Interstate (Cont'd)(B) Certification Requirement

- If the customer's estimate of interstate traffic of the service involved constitutes 10% or less of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of the appropriate intrastate tariff. The customer must certify to the Telephone Company this change of jurisdiction via a service order. A change of jurisdiction is considered an administrative change and no charge shall apply, as set forth in Section 7.2.2 following.
- If the customer determines within ninety (90) days of the effective date of this revision that the estimate of interstate traffic on a Special Access contract arrangement constitutes 10% or less of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of the appropriate intrastate tariff. The customer must certify to the Telephone Company this change of jurisdiction via a service order. A change of jurisdiction is considered an administrative change and no charge shall apply, as set forth in Section 7.2.2 following. In addition, no Termination Liability Charge shall apply to the interstate contract arrangement due to a change of jurisdiction.
- If the customer's estimate of interstate traffic on the service involved constitutes more than 10% of the total traffic on that service, the service will be provided in accordance with the applicable rules and regulations of this tariff.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.3 Obligations of the Customer (Cont'd)2.3.16 Certification of Special Access Services As Interstate
(Cont'd)(C) Verification Information

If a billing dispute arises or a regulatory commission questions the interstate certification for the Special Access Service, the Telephone Company will ask the customer to provide the general information on system design and functionality it uses to determine that the Special Access Service interstate traffic is more than ten percent (10%) of the total traffic carried on the Special Access Service. If the customer has usage information or usage studies which it uses to verify the interstate traffic, the customer shall supply the studies when requested by the Telephone Company not to exceed once per year. The customer shall supply the data within 30 days of the Telephone Company request.

(D)

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ACCESS SERVICE

2. General Regulations (Cont'd)

(N)

2.4 Payment Arrangements and Credit Allowances2.4.1 Payment of Rates, Charges and Deposits

To protect itself from the risk of non-payment, the Telephone Company may require a customer to provide a cash deposit in those instances specified in 2.4.1(A) below.

- (A) There is a proven history of late payments or the customer has not demonstrated established credit. A proven history of late payments is defined as 2 or more occasions within the preceding 12 months in which payment(s) for the undisputed charges of that month's total billings (sum of all bills sent in that month for all accounts for all services provided under this tariff by the Telephone Company) was
- (1) not received within 3 business days following the payment due date and
 - (2) the payment(s) not received within 3 business days represented at least 10% of the month's total billings for all accounts for all services provided under this tariff by the Telephone Company.

Example for January 2005 billings:

Assume:

\$100 payment for a January billing received on the due date

\$100 payment for a January billing received 1 business day late

\$100 payment for a January billing received 4 business days late

Total January billings for all accounts for all services provided under this tariff by the Telephone Company sum to \$300. There are no disputes.

One payment is recognized as being late since it is beyond 3 business days late and it represents 33% of the monthly billings. This would represent the first occasion of a monthly late payment.

Disputed billed amounts for the sake of this section are disputed via the process outlined in 2.4.1(B)(3)(c), (d) and (e).

In the event that a customer has a history of late payments or has not demonstrated established credit, the Telephone Company may require the customer to pay a two-month deposit based on the total charges billed and rendered by the Telephone Company for the most recent two months of service. In the event the customer has not received two months of service from the Telephone Company, the two-month deposit will be based on charges estimated by the Telephone Company for the initial two-month period.

(N)

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ACCESS SERVICE

2. General Regulations (Cont'd)

(N)

2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(A) (Cont'd)

The Telephone Company will provide the customer written notice by Overnight Delivery as described in 2.1.8(A) if a deposit is required under this section. The customer must pay the two-month deposit within 15 business days following the date the written notice is sent to the customer. Such notice period will begin the day after the notice is sent. If the customer fails to pay the deposit by the due date, as described above, the Telephone Company may send the customer a written notice by Overnight Delivery stating that if the deposit is not received within 15 calendar days of the original deposit due date, the Telephone Company may take any or all of the actions specified in Section 2.1.8(A).

Simple interest at a rate set forth in 2.4.1(A)(1) following will accrue on cash deposits. Simple interest will be applied for the number of days from the date the customer deposit is received by the Telephone Company to and including the date such deposit is credited to the customer's account or the date the deposit is refunded by the Telephone Company.

The cash deposit will be returned, with any accrued, uncredited interest within 15 business days of when a customer with a history of late payments or no established credit history demonstrates a one-year prompt payment record (undisputed billed balances are paid within the bill payment requirements outlined in 2.4.1(B)(3)(a)).

(N)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(A) (Cont'd)

In the event the provision of all service to the customer is terminated and the Telephone Company maintains a cash deposit from the customer, the deposit and any accrued, uncredited interest will be applied to any outstanding sums owed to the Telephone Company, and any remaining balance will be returned to the customer.

(1)

State	Interest Rate
Nevada	The customer will receive interest for each month or portion thereof that a deposit is held at the rate computed per Nevada Revised Statute (NRS) Chapter 704.655, which is at the rate fixed for 6-month Treasury bills of the United States at the first auction: (i) On or before December 1 of any year for the period from January 1 to June 30 of the succeeding year, or (ii) On or after June 1 of any year for the period from July 1 to December 31 of that year.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(D)

(D)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) The Telephone Company shall bill on a current basis all charges incurred by and credits due to the customer under this tariff attributable to services including, but not limited to, Maintenance of Service as set forth in 13.3.1 following, established or discontinued during the preceding billing period. In addition, the Telephone Company shall bill in advance charges for all services to be provided during the ensuing billing period except for charges associated with service usage and for the Federal Government which will be billed in arrears. The bill day (i.e., the billing date of a bill for Access Service under this tariff, the period of service each bill covers and the payment date will be as follows:

- (1) For End User Access Service and Presubscription, the Telephone Company will establish a bill day each month for each end user account. The bill will cover End User Access Service charges for the ensuing billing period except for End User Access Service for the Federal Government which will be billed in arrears. Any applicable presubscription charges, any known unbilled charges for prior periods and any known unbilled adjustments for prior periods for End User Access Service and presubscription service will be applied to this bill. Such bills are due when rendered.
- (2) For Service other than End User Access Service, and Presubscription, the Telephone Company will establish a bill day each month for each customer account. The bill will cover non-usage sensitive service charges for the ensuing billing period for which the bill is rendered, any known unbilled non-usage-sensitive charges for prior periods and unbilled usage charges for the period after the last

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(2) (Cont'd)

bill day through the current bill day. Any known unbilled usage charges for prior periods and any known unbilled adjustments will be applied to this bill. Payment for such bills is due as set forth in (3) following. If payment is not received by the payment date, as set forth in (3) following, a late payment penalty will apply as set forth in (3) following.

- (3) (a) All bills dated as set forth in (2) preceding for service, other than End User Access Service and Presubscription, provided to the customer by the Telephone Company are due 31 days (payment date) after the bill day or by the next bill date (i.e., same date in the following month as the bill date), whichever is the shortest interval, except as provided herein. If such payment date would cause payment to be due on a Saturday, Sunday or Holiday (i.e., New Year's Day, Independence Day, and a day when Washington's Birthday, Memorial Day is legally observed), payment for such bills will be due from the customer as follows:

If such payment date falls on a Sunday or on a Holiday which is observed on a Monday, the payment date shall be the first non-Holiday day following such Sunday or Holiday. If such payment date falls on a Saturday or on a Holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-Holiday day preceding such Saturday or Holiday.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(3) (Cont'd)

- (b) Further, if any portion of the payment is received by the Telephone Company after the payment date as set forth in (a) preceding, then a late payment penalty shall be due to the Telephone Company. The late payment charge shall be calculated at 1.5% per month or portion thereof for the period from the due date until the payment is received.
- (c) In the event that a billing dispute occurs concerning any charges billed to the customer by the Telephone Company the following regulations will apply.
 - (1) A good faith dispute requires the customer to provide a written claim to the Telephone Company. Instructions for submitting a dispute can be obtained by calling the billing inquiry number shown on the customer's bill. Such claim must identify in detail the basis for the dispute, the account number under which the bill has been rendered, the date of the bill and the specific items on the bill being disputed, to permit the Telephone Company to investigate the merits of the dispute.
 - (2) The date of the dispute shall be the date on which the customer furnishes the Telephone Company the account information required by Section 2.4.1(B)(3)(c)(1) above.
 - (3) The date of resolution shall be the date on which the Telephone Company completes its investigation of the dispute, notifies the customer in writing of the disposition and, if the billing dispute is resolved in favor of the customer, applies the credit for the amount of the dispute resolved in the customer's favor to the customer's bill.
 - (4) If the dispute is decided to be in favor of the Telephone company, then the resolution date will be the date upon which a written decision on this dispute is sent to the customer.

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2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(3) (Cont'd)

(c) (Cont'd)

In the event that a billing dispute concerning any charges billed to the customer by the Telephone Company is resolved in favor of the customer, any late payment charges collected on the disputed amount will be credited to the customer for each month or portion thereof that they were collected. In addition, if the customer disputes the billed amount and pays the total amount (i.e., the nondisputed amount and the disputed amount) and the billing dispute is resolved in the favor of the customer, the customer will receive a credit for the disputed amount penalty from the Telephone Company. The disputed amount penalty shall be the disputed amount resolved in the customer's favor plus penalty interest as set forth in 2.4.1(B)(3)(b) preceding.

When a customer pays the total amount on or before the due date, and a dispute is filed within 90 days of the due date, the penalty interest period shall begin on the payment date. When a dispute is filed more than 90 days after the due date, the penalty interest period shall begin from the date of the dispute or the date of overpayment, whichever is later. The penalty interest period shall end on the date the Telephone Company pays the overpayment and associated disputed amount penalty to the customer's account.

The disputed amount penalty factor credited to the customer shall be calculated at 1.5% for each month or portion thereof for which the overbilling existed.

- (d) In the event that a billing dispute concerning any charges billed to the Customer by the Telephone Company is resolved in favor of the Telephone Company, any payments withheld pending settlement of the dispute shall be subject to the late payment penalty set forth in (b) preceding.

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ACCESS SERVICE

2. General Regulations (Cont'd)

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

(B) (Cont'd)

(3) (Cont'd)

(d) (Cont'd)

If the customer disputes the bill on or before the payment date, and pays the undisputed amount on or before the payment due date, the late payment charge for the disputed amount will start after the payment due date. The late payment charge will continue to accrue until payment is received by the Telephone Company.

If the customer disputes the bill after the payment due date, and pays the undisputed amount after the payment due date, the late payment charge for the disputed amount shall begin on the payment due date.

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(D)

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(D)

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.1 Payment of Rates, Charges and Deposits (Cont'd)

- (C) Adjustments for the quantities of services established or discontinued in any billing period beyond the minimum period set forth for services in other sections of this tariff will be prorated to the number of days or major fraction of days based on a s 30-day month. The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.
- (D) When a rate as set forth in this tariff is shown to more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).
- (E) When more than one copy of a customer bill for services provided under the provisions of this tariff is furnished to the customer, an additional charge applies for each additional copy of the bill as set forth in 13.4 following.

2.4.2 Minimum Periods

The minimum periods for which services are provided and for which rates and charges are applicable is one month except for those services set forth in 5.2.5(C), 7.2.4, 9.4(A) and 13.3.5(C)(1)(b), (c) and (d) following.

The minimum period for which service is provided and for which rates and charges are applicable for a Specialized Service or Arrangement provided on an individual case basis as set forth in 12. following, is one month unless a different minimum period is established with the individual case filing.

When a service is discontinued prior to the expiration of the minimum period, charges are applicable, whether the service is used or not, as follows.

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.2 Minimum Periods, (Cont'd)

- (A) When a service with a one month minimum period is discontinued prior to the expiration of the minimum period, a one month charge will apply at the rate level in effect at the time service is discontinued.
- (B) When a service with a minimum period greater than one month is discontinued prior to the expiration of the minimum period, the applicable charge will be the lesser of (1) the Telephone Company's total nonrecoverable costs less the net salvage value for the discontinued service or (2) the total monthly charges, at the rate level in effect at the time service is discontinued, for the remainder of the minimum period.

2.4.3 Cancellation of an Order for Service

Provisions for the cancellation of an Access Order or Planned Facilities order for Switched Access or Special Access service are set forth in 5.2.2(B), 5.2.3 and 5.4.5 following.

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Credit Allowance for Service Interruptions(A) General

A service is interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff, or in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer as set forth in 6.5.1 following. An interruption period starts when an inoperative service is reported to the Telephone Company, and ends when the service is operative.

(B) When a Credit Allowance Applies

In case of an interruption to any service, allowance for the period of interruption, if not due to the negligence of the customer, shall be as follows:

- (1) For Special Access Services other than Program Audio and Video Services and for CCS/SS7 interconnection and Switched Transport Service, no credit shall be allowed for an interruption of less than 30 minutes. The customer shall be credited for an interruption of 30 minutes or more at the rate of 1/1440 of the monthly charges for the service for each period of 30 minutes or major fraction thereof that the interruption continues. The monthly charges used to determine the credit shall be as follows.
 - (a) For two-point Special Access service, the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., two (C) channel terminations, channel mileage and optional features and functions).

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Credit Allowance for Service Interruptions (Cont'd)(B) When a Credit Allowance Applies (Cont'd)

(1) (Cont'd)

- (b) For multipoint Special Access Services, the monthly charge shall be only the total of all the monthly rate element charges associated with that portion of the service that is inoperative (i.e., a channel termination per customer premises, channel mileage and optional features and functions.)
- (c) For multiplexed services (including Switched Transport Services), the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service that is inoperative. When the facility which is multiplexed or the multiplexer itself is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with the service (i.e., the channel termination, channel mileage or Direct Trunked Transport and optional features and functions, including the multiplexer on the facility to the Hub and the channel terminations, channel mileages or Direct Trunk Transport and optional features and functions on the individual from the Hub). When the service which rides a channel of the multiplexed facility is inoperative, the monthly charge shall be the total of all the monthly rate element charges associated with that portion of the service from the Hub to a customer premises or end office (i.e., channel termination, channel mileage Direct Trunk Transport and optional features and functions).
- (d) For Switched Transport Services, the monthly charge shall be the total of all the monthly rate element charges associated with the Service (i.e., Entrance Facility and Direct Trunked Transport).

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Credit Allowance for Service Interruptions (Cont'd)(B) When a Credit Allowance Applies (Cont'd)

- (2) For Program Audio and Video Special Access Service, no credit shall be allowed for an interruption of less than 30 seconds. The customer shall be credited for an interruption of 30 seconds or more as follows:
- (a) For two-point services, when monthly rates are applicable, the credit shall be at the rate of $\frac{1}{8640}$ of the monthly charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues.
 - (b) For two-point services, when daily rates are applicable, the credit shall be at the rate of $\frac{1}{288}$ of the daily charges for the service for each period of 5 minutes or major fraction thereof that the interruption continues.
 - (c) For multipoint services, when monthly rates are applicable, the credit shall be at the rate of $\frac{1}{8640}$ of the monthly charges for all channel terminations, channel mileages and optional features and functions that are inoperative for each period of 5 minutes or major fraction thereof that the interruption continues.
 - (d) For multipoint services, when daily rates are applicable, the credit shall be at the daily rate of $\frac{1}{288}$ of the daily charges for all channel terminations, channel mileages and optional features and functions that are inoperative for each period of 5 minutes or major fraction thereof that the interruption continues.

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Credit Allowance for Service Interruptions (Cont'd)(B) When a Credit Allowance Applies (Cont'd)

(2) (Cont'd)

(e) For multipoint services, the credit for the monthly or daily charges includes the charges for the distribution amplifier only when the distribution amplifier is inoperative.

(f) When two or more interruptions occur during a period of 5 consecutive minutes. Such multiple interruptions shall be considered as one interruption.

(3) For Switched Access Service, no credit shall be allowed for an interruption of less than 24 hours. The customer shall be credited for an interruption of 24 hours or more at the rate of 1/30 of (a) any applicable monthly rates and (b) the assumed minutes of use charge for each period of 24 hours or major fraction thereof that the interruption continues. However, in no case is a credit allowance applicable when the actual usage charge exceeds the minimum monthly charge in any one monthly billing period.

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Credit Allowance for Service Interruptions (Cont'd)(B) When a Credit Allowance Applies (Cont'd)

- (4) The credit allowance(s) for an interruption or for a series of interruptions shall not exceed the greatest of (a) any monthly rates or (b) the assumed minutes of use charge for the service in any one month billing.
- (5) For certain Special Access services (Wideband Digital, WD1-4; Digital Data Access, DA1-4; and High Capacity, HC1), any period during which the error performance is below that specified for the service will be considered as an interruption.
- (6) Service interruptions for Specialized Service or Arrangements provided under the provisions of 10. or 12. following shall be administered in the same manner as those set forth in this section (2.4.4) unless other regulations are specified with the individual case filing.

(C) When a Credit Allowance Does Not Apply

No credit allowance will be made for:

- (1) Interruptions caused by the negligence of the customer.
- (2) Interruptions of a service due to the failure of equipment or systems provided by the customer, or others.

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Credit Allowance for Service Interruptions (Cont'd)(C) When a Credit Allowance Does Not Apply (Cont'd)

- (3) Interruptions of a service during any period in which the Telephone Company is not afforded access to the premises where the service is terminated.
- (4) Interruptions of a service when the customer has released that service to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in the service, during the time that was negotiated with the customer prior to the release of that service. Thereafter, a credit allowance as set forth in (B) preceding applies.
- (5) Interruptions of a service which continue because of the failure of the customer to authorize replacement of any element of special construction, as set forth in Pacific Bell Telephone Company's TARIFF F.C.C. NO. 2 for Special Construction. The period for which no credit allowance is made begins on the seventh day after the customer receives the Telephone Company's written notification of the need for such replacement and ends on the day after receipt by the Telephone Company of the customer's written authorization for such replacement. (T)
(T)
- (6) Periods when the customer elects not to release the service for testing and/or repair and continues to use it on an impaired basis.
- (7) Periods of temporary discontinuance as set forth in 2.2.2(B) preceding.
- (8) Periods of interruption as set forth in 13. following.
- (9) An interruption or a group of interruptions, resulting from a common cause, for amounts less than one dollar.

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.4 Credit Allowance for Service Interruptions (Cont'd)(C) When a Credit Allowance Does Not Apply (Cont'd)

- (10) For audio connecting facilities and television connecting facilities no credit shall be allowed for an interruption of less than 30 seconds. The customer shall be credited for an interruption of 30 seconds or more at the rate of 1/8640 of the monthly charge for the facility for each 5 minutes or fraction thereof that an interruption continues.

Interruptions occurring during a period of 5 consecutive minutes shall be considered as one interruption. An interruption of either the audio or video portion of a television connecting facility shall be considered as an interruption of the facility if the customer releases the entire facility for investigating and clearing the troubles thereon.

(D) Use of an Alternative Service Provided by the Telephone Company

Should the customer elect to use an alternative service provided by the Telephone Company during the period that a service is interrupted, the customer must pay the tariffed rates and charges for the alternative service used.

(E) Temporary Surrender of a Service

In certain instances, the customer may be requested by the Telephone Company to surrender a service for purposes other than maintenance, testing or activity relating to a service order. If the customer consents, a credit allowance will be granted. The credit allowance will be 1/1440 of the monthly rate for each period of 30 minutes or fraction thereof that the service is surrendered. In no case will the credit allowance exceed the monthly rate for the service surrendered in any one monthly billing period.

2.4.5

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.6 Reestablishment of Service Following Fire, Flood or Other Occurrence(A) Nonrecurring Charges Do Not Apply

Charges do not apply for the reestablishment of service following a fire, flood or other occurrence attributed to an Act of God provided that:

- (1) The service is of the same type as was provided prior to the fire, flood or other occurrence.
- (2) The service is for the same customer.
- (3) The service is at the same location on the same premises.
- (4) The reestablishment of service begins within 60 days after Telephone Company service is available. (The 60 day period may be extended a reasonable period if the renovation of the original location on the premises affected is not practical within the allotted time period).

(B) Nonrecurring Charges Apply

Nonrecurring Charges apply for establishing service at a different location on the same premises or at a different premises pending reestablishment of service at the original location.

2.4.7 Title or Ownership Rights

- (A) The payment of rates and charges by customers for the services offered under the provisions of this tariff does not assign, confer or transfer title or ownership rights to proposals or facilities developed or utilized, respectively, by the Telephone Company in the provision of such services.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company

- (A) When an Access Service is provided by more than one Telephone Company, the Telephone Companies involved will agree upon a billing, design and ordering arrangement which is consistent with the provisions contained in this section and the Ordering and Billing Forum Standards, Multiple Exchange Carrier Access Billing (MECAB) and Multiple Exchange Carrier Ordering and Design (MECOD). The Telephone Companies involved will mutually agree upon one of the following billing methods as set forth in (1) and (2) following based upon the interconnection arrangements between the Telephone Companies and the availability of measurement capability.

The Telephone Company will notify the customer which of the billing methods will be used. In addition, the Telephone Company will send written notification to the customer of a change in billing methods 30 days prior to such change. The customer will place the order for the services as set forth in 5.2.9 following dependent upon the billing method.

ALA or Feature Group A (FGA) Switched Access Services will be billed as set forth in 2.4.8(A)(1) following.

ATA950, ATANEA and ATAXXX or Feature Group B, Feature Group C and Feature Group D (FGB, FGC and FGD) Switched Access, Special Access and Directory Assistance Services will be billed as set forth in 2.4.8(A)(2)(a) or 2.4.8(A)(2)(b) following.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Access Services Provided By More Than One Telephone Company
(Cont'd)

(A) (Cont'd)

(1) Non Meet Point Billing

(a) Single Company Billing/Single Bill Option for
ALA or Feature Group A (FGA) Service

The Telephone Company receiving the order from the customer, as specified in 5.2.9(A)(1), following will arrange to provide the service, determine the applicable charges and bill the customer for the entire service in accordance with its Access Services tariff.

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ACCESS SERVICE

2.General Regulations

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Access Services Provided By More Than One Telephone Company
(Cont'd)

(A) (Cont'd)

(1) Non Meet Point Billing (Cont'd)

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ACCESS SERVICE

2.General Regulations

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Access Services Provided By More Than One Telephone Company
(Cont'd)

(A)(Cont'd)

(1) Non Meet Point Billing (Cont'd)

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A)(Cont'd)

(2) Meet Point Billing

Meet Point Billing is required when an access service is provided by multiple Telephone Companies for ATA950, ATANEA, ATAXXX or for Feature Groups B, C and D Switched Access Services, Directory Assistance and Special Access.

For usage rated access services the access minutes of use will be determined by the Initial Billing Company and used by the Initial Billing Company and any Subsequent Billing Company(s) for the development of access charges.

- The Initial Billing Company for ATA950, ATANEA, ATAXXX or Feature Groups B, C and D Switched Access Services is normally the end user's end office, for WATS usage the Initial Billing Company is normally the WATS serving office, for Directory Assistance the Initial Billing company is normally the Directory Assistance location. When the Initial Billing Company is other than the normally designated Telephone Company office, the Telephone Company will notify the customer.
- The Subsequent Billing Company(s) is any Telephone Company(s) in whose territory a segment of Local Transport is provided and/or

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A)(Cont'd)

(2) Meet Point Billing (Cont'd)

where the customer's Point of Termination is located.

There are two Meet Point Billing Options - - Single Bill and Multiple Bill. The Single Bill option is the preferred method.

The Telephone Company must notify the customer of:
(1) the Meet Point Billing Option that will be used,
(2) the Telephone Company(s) that will render the bill(s) (3) the Telephone Company(s) to whom payment(s) should be remitted, and (4) the Telephone Company(s) that will provide the bill inquiry function. The Telephone Company shall provide such notification at the time that orders are placed for access service. Additionally, the Telephone Company shall provide this notice in writing 30 days in advance of any changes.

The Telephone Company that renders the bill - - the Bill Rendering Telephone Company - - will include on the access service bill, based upon Industry Standards, cross reference(s) to the other Telephone Company(s) service and the common circuit identifiers. Should a billing dispute arise, the terms and conditions of the Bill Rendering Telephone Company will apply.

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A)(Cont'd)

(2) Meet Point Billing (Cont'd)(a) Single Bill Option

The Single Bill option provides three billing alternatives, (i) Single Bill/Multiple Tariff, (ii) Single Bill/Pass-Through Billing and (iii) Single Bill/Single Tariff which are described following:

(i) Single Bill/Multiple Tariff

Each Telephone Company will receive an order or a copy of the order from the customer as specified in 5.2.9(A)(2) and arrange to provide the service. Each Telephone Company will:

- determine all recurring and nonrecurring rates and charges of its access tariff;
and
- communicate the application, rates and charges to the Bill Rendering Company.

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A)(Cont'd)

(2) Meet Point Billing (Cont'd)(a) Single Bill Option (Cont'd)(i) Single Bill/Multiple Tariff (Cont'd)

The Bill Rendering Telephone Company will:

- determine and include all recurring and nonrecurring charges for each involved Telephone Company;
- identify each involved Telephone Company's charges separately on the bill;
- forward the bill to the customer; and
- advise the customer how to remit the payment, either directly to each Telephone Company involved in the provision of this meet point billed service; or, as a single payment made to the Bill Rendering Telephone Company. If payments are to be sent directly to the Bill Rendering Telephone Company, the non-bill rendering Telephone Company(s) will provide the customer with written authorization for the payment arrangement.

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A)(Cont'd)

(2) Meet Point Billing (Cont'd)(a) Single Bill Option (Cont'd)(ii) Single Bill/Pass-Through Billing

Each Telephone Company will receive an order or a copy of the order from the customer as specified in 5.2.9(A)(2) and arrange to provide the service. Each Telephone Company will:

- prepare its own bill;
- determine and include all recurring and nonrecurring rates and charges of its access tariff; and
- forward the bill to the Bill Rendering Telephone Company for the meet point billed access services.

The Bill Rendering Telephone Company will:

- apply usage data, when needed, to the bill and calculate the charges;

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A)(Cont'd)

(2) Meet Point Billing (Cont'd)(a) Single Bill Option (Cont'd)(ii) Single Bill/Pass-Through Billing (Cont'd)

The Bill Rendering Telephone Company will:

- identify each involved Telephone Company's charges separately on the bill;
- combine all the bills of the involved Telephone Companies of a meet point billed access service into one access bill;
- forward the bill to the customer; and
- advise the customer how to remit the payment, either directly to each Telephone Company involved in the provision of this meet point billed service; or, as a single payment made to the Bill Rendering Telephone Company. If payments are to be sent directly to the Bill Rendering Telephone Company, the non-bill rendering Telephone Company(s) will provide the customer with written authorization for the payment arrangement.

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)(a) Single Bill Option (Cont'd)(iii) Single Bill/Single Tariff

Each Telephone Company will receive an order or a copy of the order from the customer as specified in 5.2.9(A)(2) and arrange to provide the service. The Bill Rendering Telephone Company will:

- determine and include all recurring and nonrecurring charges of its access tariff; and
- forward the bill to the customer.

The customer will remit the payment to the Bill Rendering Telephone Company.

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ACCESS SERVICE

2. General Regulations

2.4 Payment Arrangements and Credit Allowances (Cont'd)

2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)

(b) Multiple Bill Option

Each Telephone Company will receive an order or copy of the order from the customer, as specified in 5.2.9 (A)(2). Each Telephone Company will be the Bill Rendering Telephone Company and will:

- prepare its own bill;
- determine and include all recurring and nonrecurring rates and charges of its access tariff;

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2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)(b) Multiple Bill Option (Cont'd)

- bill in accordance with its access tariff; and
- forward the bill to the customer.

The customer will remit the payment directly to each Telephone Company that bills it.

(c) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges

- (i) Determine the appropriate Local Transport or Channel Mileage by computing the number of airline miles between the Telephone Company premises (end office, access tandem or serving wire centers for Switched Access or serving wire centers for Special Access) using the V&H method set forth in 6.7.11, and 7.2.5 following.

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2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)(c) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

(ii) Determine the billing percentage (BP), as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. No. 4, which represents the portion of the service provided by each Telephone Company.

(iii) For ATA950, ATANEA, ATAXXX or for Feature Groups B, C and D Switched Access Services using BP Method, (1) multiply the number of access minutes of use times the number of airline miles, as set forth in (i) preceding, times the BP for each Telephone Company, as set forth in (ii) preceding times the Local Transport Facility rate; (2) multiply the Local Transport Termination rate times the number of access minutes.

The Local Transport Termination rate is applied as set forth in 6.1.2(A) following.

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ACCESS SERVICE

2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing (Cont'd)(c) Determination of Meet Point Billed Local Transport, Directory Transport and Channel Mileage Charges (Cont'd)

- (iv) For Special Access using BP method, multiply the number of airline miles, as set forth in (i) preceding, times the BP for each Telephone Company, as set forth in (ii) preceding, times the Channel Mileage Facility rate. Add the Channel Mileage Termination rate.
- (v) For Directory Assistance Service, multiply the Directory Transport rate times the number of directory assistance calls times the BP for each Telephone Company, as set forth in (ii) preceding.
- (vi) When three or more Telephone Companies are involved in providing an Access Service, the intermediate Telephone Company(s) will determine the appropriate charges as set forth in (iii) and (iv) preceding, except the Local Transport Termination or Channel Mileage Termination rate does not apply.

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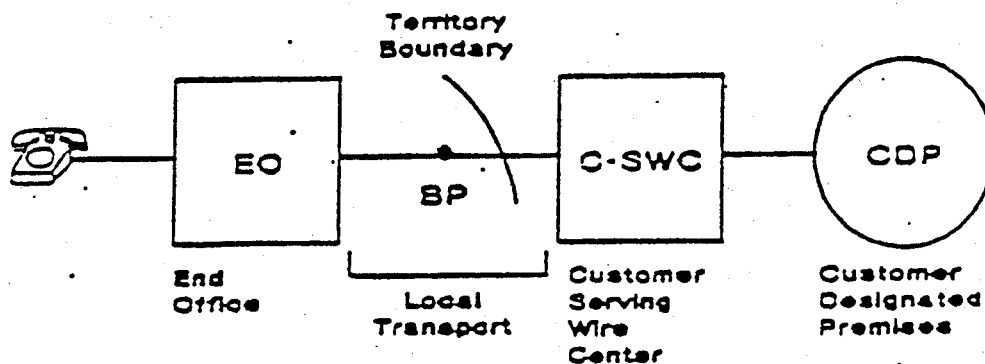
2. General Regulations2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company
(Cont'd)(B) Example - Switched Access

(1) Layout

- (a) ATANEA or Feature Group C Switched Access is ordered to End Office A.
- (b) End Office A is in operating territory of Telephone Company A.
- (c) Customer designated premises is in operating territory of Telephone Company B.

Telephone Company A
(TC A)
Operating Territory

Telephone Company B
(TC B)
Operating Territory



(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company
(Cont'd)(B) Example - Switched Access (Cont'd)

The following examples reflect the rate calculations for end office company (TC A). Rates for end office company (TC B) would appear in the appropriate access tariff.

(2) Assume:

Airline miles (ALM) TC A premises to TC B premises =
22.1, rounded = 23.

Billing Percentage (BP)

TC A = 20%

TC B = 80%

Access Minutes (AM) = 9000

Local Transport Rates:

TC A: Local Transport Facility Rate = LT FAC

Local Transport Termination Rate = LT TERM

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ACCESS SERVICE

2. General Regulations (Cont'd)2.4 Payment Arrangements and Credit Allowances (Cont'd)2.4.8 Access Services Provided By More Than One Telephone Company
(Cont'd)(B) Example - Switched Access (Cont'd)

(3) BP Method

Formula:

$$\begin{aligned} &\text{Access Minutes (AM)} \times \text{Airline Miles (ALM)} \times \text{Billing} \\ &\text{Percentage (BP)} \times \text{Local Transport Facility Rate (LT FAC)} \\ &+ [\text{Local Transport Termination Rate (LT TERM)} \times \text{Access} \\ &\text{Minute (AM)}] = \text{Total} \end{aligned}$$

Calculation

TC A

$$\begin{array}{cccccc} \text{AM} & \text{ALM} & \text{BP} & \text{LT FAC} & \text{LT TERM} & \text{AM} \\ 9000 & \times 23 & \times .20 & \times \text{LT FAC} & + [\text{LT TERM} \times 9000] & = \text{TOTAL} \end{array}$$

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ACCESS SERVICE

2. General Regulations2.5 Connections2.5.1 General

Equipment and Systems (i.e., terminal equipment, multiline terminating systems and communications systems) may be connected with access service (Switched and Special) furnished by the Telephone Company where such connection is made in accordance with the provisions specified in Technical Reference Publication AS No. 1 and in 2.1 preceding.

2.5.2 Standard Access Service Connections

Access Services are provided by means of wire, fiber optics, radio or any other suitable technology or a combination thereof. Special Access Service connections are made directly or through a Telephone Company Hub where bridging or multiplexing functions are performed. These connections can either be analog or digital.

2.5.3 Expanded Interconnection Service

Expanded Interconnection Service provides a customer with space and associated requirements such as power and environmental conditioning within a Telephone Company serving wire center to locate certain fiber optic or microwave facilities and equipment, and a connection to certain Telephone Company provided services.

Expanded Interconnection Service will be provided subject to the regulations and rates and charges set forth in Section 18 following.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions

Certain terms used herein are defined as follows:

Access Code

The term "Access Code" denotes a uniform seven digit code assigned by the Telephone Company to an individual Customer. The seven digit code has the form 950-0XXX, 950-1XXX or 101XXXX.

Access Customer Name Abbreviation (ACNA)

Denotes a three alpha character code that identifies the customer to which the Access Service bill is rendered.

Access Customer Terminal Location (ACTL)

Denotes the eleven (11) character Common Language Location Identifier (CCLI) code identifying the customer's Point of Presence (POP/InterLATA facility terminal location).

Access Minutes

The term "Access Minutes" denotes that usage of exchange facilities in interstate or foreign service for the purpose of calculating chargeable usage. On the originating end of an interstate or foreign call, usage is measured from the time the originating end user's call is delivered by the Telephone Company to and acknowledged as received by the customer's facilities connected with the originating exchange. On the terminating end of an interstate or foreign call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at both originating and terminating ends of an interstate or foreign call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating exchanges, as applicable.

Access Tandem

The term "Access Tandem" denotes a Telephone Company switching system that provides a concentration and distribution function for originating or terminating traffic between end offices and customer terminal premises.

Access Tandem Network

The term "Access Tandem Network" denotes the network of trunk groups for originating and/or terminating Switched Access traffic between a single access tandem and the Telephone Company subtending end offices.

(This page filed under Transmittal No. 81)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Affiliate

The term "Affiliate", with respect to Interconnector, means (a) any corporation of other entity owning, either directly or indirectly, a majority of the outstanding stock of Interconnector (Parent), or (b) any corporation or other entity in which a majority of the ownership interest is held, either directly or indirectly, by Parent or Interconnector.

Agent

The term "Agent" denotes that person or persons who have legal authority to give the Telephone Company permission to place public and semi-public pay telephones on their premises, who have the authority to subscribe to the service, and who control access to or usage of the public or semi-public pay telephones.

Aggregator

Denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation as defined under Part 64.708(b) of the F.C.C. Rules and Regulations.

Answer/Disconnect Supervision

The term "Answer/Disconnect Supervision" denotes the transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the customer point of termination as an indication that the called party has answered or disconnected.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Attenuation Distortion

The term "Attenuation Distortion" denotes the difference in loss at specified frequencies relative to the loss at 1004 Hz, unless otherwise specified.

Balance (100 Type) Test Line

The term "Balance (100 Type) Test Line" denotes an arrangement in an end office which provides for balance and noise testing.

Bit

The term "Bit" denotes the smallest unit of information in the binary system of notation.

Business Day

The term "Business Day" denotes the times of day that a company is open for business. This is 8:00 A.M. to 5:00 P.M., Monday through Friday.

(C)
(D)

Busy Hour Minutes of Capacity (BHMC)

The term "Busy Hour Minutes of Capacity (BHMC)" denotes the customer specified maximum amount of Switched Access Service and/or Directory Assistance Service access minutes the customer expects to be handled in an end office switch during any hour in an 8:00 A.M. to 11:00 P.M. period for the Feature Group and/or Directory Assistance Service ordered. This customer furnished BHMC quantity is the input data the Telephone Company uses to determine the number of transmission paths for the Feature Group and/or Directory Assistance Service ordered.

(D)

(This page filed under Transmittal No. 89)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Call

The term "Call" denotes a customer attempt for which the complete address code (e.g., 0-, 911, or 10 digits) is provided to the serving dial tone office.

Call-out

A customer required dispatch outside of normal business hours when a technician is not available for dispatch.

Carrier Identification Code

The term "Carrier Identification Code" denotes a three-digit code, unique to the interexchange carrier, which is used nationally by the Telephone Company to identify traffic and to facilitate its routing to the carrier based upon presubscription or dialed digits.

Cascading Service User

The term "Cascading Service User" denotes a customer who has their service on a channel or port of a multiplexed DS1, DS3 or SONET service belonging to a Third Party Host through a Cascading Shared Network Arrangement.

Cascading Shared Network Arrangement

The term "Cascading Shared Network Arrangement" denotes a service Offering whereby a Cascading Service User may connect subtending services to a Third Party Host's multiplexed DS1, DS3 or SONET service which is on a Shared Network Arrangement with a Host Subscriber, and the Telephone Company will undertake to main separate customer records and billing.

C Band

1525-1565 nanometers (unit of spatial measurement that is one billionth of a meter).

CCS

The term "CCS" denotes a hundred call seconds, which is a standard unit of traffic load that is equal to 100 seconds of usage or capacity of a group of servers (e.g., trunks).

(N)

(N)

(This page filed under Transmittal No. 128)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Central Office

The term "Central Office" denotes a local Telephone Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to each other and to trunks.

Central Office Prefix

The term "Central Office Prefix" denotes the first three digits (NXX) of the seven digit telephone number assigned to an End User's Telephone Exchange Service when dialed on a local basis.

Centralized Automatic Reporting on Trunks Testing

The term "Centralized Automatic Reporting on Trunks Testing" denotes a type of testing which includes the capacity for measuring operational and transmission parameters.

Channel(s)

The term "Channel(s)" denotes an electrical or photonic, in the case of fiber optic-based transmission systems, communications path between two or more points of termination.

Channel Service Unit

The term "Channel Service Unit" denotes equipment which performs one or more of the following functions: termination of a digital facility, regeneration of digital signals, detection and/or correction of signal format error, and remote loop back.

Clear Channel Capability

The term "Clear Channel Capability" denotes an arrangement that allows the customer to transport 1.544 Mbps of information through a DS1 with no constraint on the quantity or sequence of one (Mark) and zero (space) bits utilizing the Bipolar with Eight Zero Substitution (B8ZS) Method of providing bit sequence independence.

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2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Channelize

The term "Channelize" denotes the process of multiplexing-demultiplexing wider bandwidth or higher speed channels into narrower band-width or lower speed channels.

C-Message Noise

The term "C-Message Noise" denotes the frequency weighted average noise within an idle voice channel. The frequency weighting, called C-message, is used to simulate the frequency characteristic of the 500-type telephone set and the hearing of the average subscriber.

C-Notched Noise

The term "C-Notched Noise" denotes the C-message frequency weighted noise on a voice channel with a holding tone, which is removed at the measuring end through a notch (very narrow band) filter.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Coin Station

The term "Coin Station" denotes a location where Telephone Company equipment is provided in a public or semipublic place where Telephone Company customers can originate telephonic communications and pay the applicable charges by inserting coins into the equipment.

Commingling⁽¹⁾

Commingling means the connecting, attaching or otherwise linking of an unbundled network element, or a combination of unbundled network elements, to one or more facilities or services that a requesting telecommunications carrier has obtained at wholesale from the Telephone Company, or the combining of an unbundled network element, or a combination of unbundled network elements with one or more such facilities or services. Commingle means the act of commingling.

Common Channel Signaling

The term "Common Channel Signaling" denotes a switched communications network that allows call control messages from the voice and data network to be transferred on communications paths (out of band) separate from the voice and data communications.

Common Line

The term "Common Line" denotes a line, trunk, pay telephone line or other facility provided under the general and/or local exchange service tariffs of the Telephone Company, terminated on a central office switch. A common line-residence is a line or trunk provided under the residence regulations of the general and/or local exchange service tariffs. A common line-business is a line or trunk provided under the business regulations of the general and/or local exchange service tariffs.

Communications System

The term "Communications System" denotes channels and other facilities which are capable of communications between terminal equipment provided by other than the Telephone Company.

Company Code Dialed Message

Message recorded on AMA tape for billing purposes that occurs when End User, served out of an equal access end office, dials 1-0 and a 3 digit IEC Code to access the IEC of his choice for long distance.

⁽¹⁾ In the event the Commission or a court, pursuant to any regulatory or judicial review of the Commission's *Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers*, Report and Order and Order on Remand and Further Notice of Proposed Rulemaking, CC Docket No. 01-338, FCC 03-36, para. 581 (released Aug. 21, 2003) (*Triennial Review Order*), vacates, stays, remands, reconsiders, or rejects the portion of the Triennial Review Order requiring ILECs to permit commingling, the terms and conditions of this tariff authorizing commingling, which are identified with a footnote, shall cease to be effective as of the effective date of the Commission order or the issuance of the court's mandate. In that event, the Telephone Company will provide customers that have commingled UNE(s) and/or UNE Combination(s) with wholesale services obtained under this Tariff written notice that, within 30 days, customers must either convert such UNE(s) or UNE Combination(s) to a comparable service, or disconnect such UNE(s) and/or UNE Combination(s) from those wholesale services. Failure to provide the Telephone Company instructions to convert or disconnect such UNE(s) and/or UNE Combination(s) within 30 days, as described above, shall be deemed authorization to convert the UNE(s) and/or UNE Combination(s) to comparable access services at month-to-month rates.

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(This page filed under Transmittal No. 80)

ACCESS SERVICE

2.General Regulations (Cont'd)2.6 Definitions (Cont'd)Conventional Signaling

Conventional Signaling has been traditionally used in North America for the purpose of transmitting the called number's address digits from the originating end office. In this system, all of the dialed digits are received by the originating switching machine, a path is selected, and the sequence of supervisory signals and outpulsed digits is initiated. No overlap outpulsing ten digit ANI, ANI information digits, or acknowledgement wink are included in this signaling sequence.

Customers

The term "Customer(s)" denotes any individual, partnership, association, joint-stock company, trust corporation, or governmental entity or any other entity which subscribes to the Services offered under this tariff, including both Interexchange Carrier (IC's) and End User.

Customer Access Billing System (CABS)

The term "Customer Access Billing System (CABS)" denotes a mechanized billing system which bills large and small interexchange customers for access to our local exchange network. These customers are billed from the access tariffs filed with the FCC and local PUCS.

Customer Record Information Systems (CRIS)

The term "Customer Record Information Systems (CRIS)" denotes a computer system which maintains a database of up-to-date customer information. The system can interface with other application systems requiring this type of information.

Data Base - 800 Access Service

Data Base 800 Access Service consists of regional data bases that contain call-processing information specified by 800 Access Service customers. The data base contains the customer record information necessary to perform carrier identification and 800 number translation.

Data Transmission (107 Type) Test Line

The term "Data Transmission (107 Type) Test Line" denotes an arrangement which provides for a connection to a signal source which provides test signals for one-way testing of data and voice transmission parameters.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Decibel

The term "Decibel" denotes a unit used to express relative difference in power, usually between acoustic or electric signals, equal to ten (10) times the common logarithm of the ratio of two signal powers.

Decibel Reference Noise C-Message Weighting

The term "Decibel Reference Noise C-Message Weighting" denotes noise power measurements with C-Message Weighting in decibels relative to a reference 1000 Hz tone of 90 dB below 1 milliwatt.

Decibel Reference Noise C-Message Referenced to 0 (Zero)

The term "Decibel Reference Noise C-Message Referenced to 0" denotes noise power in "Decibel Reference Noise C-Message Weighting" referred to or measured at a zero transmission level point.

Detail Billing

The term "Detail Billing" denotes the listing of each message and/or rate element for which charges to a customer are due on a bill prepared by the Telephone Company.

Directory Assistance (Interstate)

The term "Directory Assistance" denotes the provision of telephone numbers by a Telephone Company operator when the operator location is accessed by a customer premises by sending the appropriate signals, i.e., off-hook, 411, 555-1212 or (NPA) 555-1212.

Directory Assistance Location (Interstate)

The term "Directory Assistance Location" denotes a Telephone Company office where Telephone Company equipment first receives the Directory Assistance call from a customer and selects the first operator position to respond to the Directory Assistance call.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Direct Trunked Transport

The term "Direct Trunked Transport" denotes a Switched Transport facility between a customer's premises serving wire center and an end office that provides a customer with dedicated switched access transport without routing through an access tandem.

Dual Tone Multifrequency Address Signaling

The term "Dual Tone Multifrequency Address Signaling" denotes a type of signaling that is an optional feature of Switched Access Feature Group A (FGA) or Access Line Arrangement (ALA). It may be utilized when FGA or ALA is being used in the terminating direction (from the point of interface with the customer to the local exchange end office). An office arranged for Dual Tone Multifrequency Signaling would expect to receive address signals from the customer in the form of Dual Tone Multifrequency signals.

Echo Control

The term "Echo Control" denotes the control of reflected signals in a telephone transmission path.

Echo Path Loss

The term "Echo Path Loss" denotes the measure of reflected signal at a 4-wire point of interface without regard to the send and receive Transmission Level Point.

Echo Return Loss

The term "Echo Return Loss" denotes a frequency weighted measure of return loss over the middle of the voiceband (approximately 500 to 2500 Hz), where talker echo is most annoying.

Effective 2-Wire

The term "Effective 2-Wire" denotes a condition which permits the simultaneous transmission in both directions over a channel, but it is not possible to insure independent information transmission in both directions. Effective 2-wire channels may be terminated with 2-wire or 4-wire interfaces.

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Effective 4-Wire

The term "Effective 4-Wire" denotes a condition which permits the simultaneous independent transmission of information in both directions over a channel. The method of implementing effective 4-wire transmission is at the discretion of the Telephone Company (physical, time domain, frequency-domain separation or echo cancellation techniques). Effective 4-wire channels may be terminated with a 2-wire interface at the customer premises. However, when terminated 2-wire, simultaneous independent transmission cannot be supported because the two wire interface combines the transmission paths into a single path.

End Office Switch

The term "End Office Switch" denotes a local Telephone Company switching system where Telephone Exchange Service customer station loops are terminated for purposes of interconnection to trunks. This includes Remote Line Locations served by a host central office in a different wire center.

End User

The term "End User" means any customer of an interstate or foreign telecommunications service that is not a carrier, except that a carrier, other than a Telephone Company shall be deemed to be an "end user" when such carrier uses a telecommunications service for administrative purposes, and a person or entity that offers telecommunications services exclusively as a reseller shall be deemed to be an "end user" if all resale transmissions offered by such reseller originate on the premises of such reseller.

Entrance Facility

The term "Entrance Facility" denotes the transmission path between the customer's designated premises and the Service Wire Center where the customer would normally obtain local dial tone.

Entry Switch

See First Point of Switching

Envelope Delay Distortion

The term "Envelope Delay Distortion" denotes a measure of the linearity of the phase versus frequency of a channel.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Equal Level Echo Path Loss

The term "Equal Level Echo Path Loss" (ELEPL) denotes the measure of Echo Path Loss (EPL) at a 4-wire interface which is corrected by the difference between the send and receive Transmission Level Point (TLP). [ELEPL = EPL - TLP (send) + TLP (receive)]

Expected Measured Loss

The term "Expected Measured Loss" denotes a calculated loss which specifies the end-to-end 1004 Hz loss on a terminated test connection between two readily accessible manual or remote test points. It is the sum of the inserted connection loss and test access loss including any test pads.

Exchange

The term "Exchange" denotes a unit generally smaller than a Local Access and Transport Area established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprise a given Local Access and Transport Area.

Exchange Access Signaling

The signaling system is used by equal access end offices to transmit originating information and address digits to the customer's premises and which includes the means of verifying the receipt of these address digits. Features of this system include overlap outpulsing, identification of the ten-digit telephone number of the calling party, and acknowledgement wink supervisory signals.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Expanded Interconnection Service

The term "Expanded Interconnection Service" denotes provisioning necessary to accommodate a fiber optic or microwave connection within the Telephone Company serving wire center between Telephone Company provided switched or High Capacity Special Access Services and Interconnector-provided facilities and equipment.

Extended Area Service

(See definition of Exchange)

Facility Percent Interstate Usage (PIU)

The Percent Interstate Usage (PIU) is used to apportion non-recurring and recurring monthly rates and charges associated with Switched Access Facilities Entrance Facilities (EF), Expanded Interconnection Service Channel Termination (EISCT), Direct Trunked Transport (DTT) or Tandem Switched Transport (TST) and the EISCT between jurisdictions.

Field Identifier

The term "Field Identifier" denotes two to four characters that are used on service orders to convey specific instructions. Field Identifiers may or may not have associated data. Selected Field Identifiers are used in Telephone Company billing systems to generate nonrecurring charges.

First Come - First Served

The term "First Come, First Served" denotes a procedure followed when the first order received will be the first order processed.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)First Point of Switching

The term "First Point of Switching" denotes the first Telephone Company location at which switching occurs on the terminating path of a call proceeding from the customer premise to the terminating end office and, at the same time, the last Telephone Company location at which switching occurs on the originating path of a call proceeding from the originating end office to the customer premise.

Frequency Shift

The term "Frequency Shift" denotes the change in the frequency of a tone as it is transmitted over a channel.

Grandfathered

The term "Grandfathered" denotes Terminal Equipment, Multiline Terminating Systems and Protective Circuitry directly connected to the facilities utilized to provide services under the provisions of this tariff, and which are considered grandfathered under Part 68 of the F.C.C.'s Rules and Regulations.

Host Central Office

The term "Host Central Office" denotes an electronic switching unit containing the central call processing functions which serve the Host Central Office and its Remote Line Locations.

Host Subscriber

The term "Host Subscriber" denotes a customer with a multiplexed DS1, DS3 or SONET service who allows a Service User to occupy a channel or port of their multiplexed service through a Shared Network Arrangement.

(N)
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(N)

Hub

The term "Hub" denotes a Telephone Company designated serving wire center at which bridging or multiplexing functions are performed.

IC

See Interexchange Carrier

ICB

See Individual Case Basis

(This page filed under Transmittal No. 128)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Impedance Balance

The term "Impedance Balance" denotes the method of expressing Echo Return Loss and Singing Return Loss at a 4-wire interface whereby the gains and/or loss of the 4 wire portion of the transmission path, including the hybrid, are not included in the specification.

Impulse Noise

The term "Impulse Noise" denotes any momentary occurrence of the noise on a channel over a specified level threshold. It is evaluated by counting the number of occurrences which exceed the threshold.

Individual Case Basis

The term "Individual Case Basis" denotes a condition in which the rates and charges for an offering under the provisions of this tariff are developed based on the circumstances in each case. Terms and conditions of each offering may include a Termination Charge.

In-Line Filter

An In-Line Filter is a low pass filter that allows flow through of the voice band frequencies up to 4 kilohertz.

Inserted Connection Loss

The term "Inserted Connection Loss" denotes the 1004 Hz power difference (in dB) between the maximum power available at the originating end and the actual power reaching the terminating end through the inserted connection.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Interconnection Chamber

The term "Interconnection Chamber" denotes a location in the Telephone Company serving wire center served by an Interconnector's fiber optic cable or microwave facilities as specified in Section 18 following.

Interconnection Charge

The term "Interconnection Charge" denotes the charge applies to all access customers that interconnect with the Telephone Company's switched access service.

Interconnector

The term "Interconnector" denotes any individual, partnership, association, joint-stock company, trust corporation or other entity who provides fiber optic and associated facilities or microwave facilities for connection of its equipment, collocated in Telephone Company serving wire center(s), to certain Nevada Bell Switched or Special Access Services.

Interexchange Carrier (IC) or Interexchange Common Carrier

The terms "Interexchange Carrier" (IC) or "Interexchange Common Carrier" denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation engaged for hire in interstate or foreign communication by wire or radio, between two or more exchanges.

Intermodulation Distortion

The term "Intermodulation Distortion" denotes a measure of the nonlinearity of a channel. It is measured using four tones, and evaluating the ratios (in dB) of the transmitted composite four-tone signal power to the second-order products of the tones (R2), and the third-order products of the tones (R3).

Internet Protocol (IP) Dedicated Access Connection

Denotes a dedicated high speed connection such as; High Speed (384 Kbps or higher download speed) Cable Modem, DSL Line, Dedicated T1 to the internet, Dedicated DS3 to the internet or other dedicated IP private line.

Internet Protocol (IP) Enabled Voice Information Service IP-VIS
Dedicated Location

Denotes a unique space owned or controlled by an IP-VIS provider, its agent or designee where the IP-VIS provider has located its media gateway used for IP-VIS or where the IP-VIS provider has located transmission facilities used for IP-VIS.

(This page filed under Transmittal No. 81)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Internet Protocol (IP) Enabled Voice Information Service (IP-VIS)

Denotes Internet Protocol (IP) voice information services and applications provided over an IP network and their associated capabilities and functionalities that enable an IP-VIS user to send or receive a communication based on Internet Protocol. IP-VIS Service is service between a provider of Internet Protocol (IP) enabled voice information services and the IP-VIS user only.

IP Enabled Voice Information Service (IP-VIS) Off Net Traffic

Denotes IP-VIS Traffic originating from IP-VIS Users terminating traffic to non-Telephone Company End User subtending Telephone Company Access Tandems via the TIPToP one way port interface.

IP Enabled Voice Information Service (IP-VIS) On Net Traffic

Denotes IP-VIS Traffic originating from IP-VIS Users and terminating to Telephone Company users via the TIPToP one way port interface.

IP Enabled Voice Information Service (IP-VIS) Traffic

Denotes any traffic that originates from or terminates to an IP-VIS User at an IP-VIS User Site. Also the traffic must travel on an Internet Protocol Network, and provide an accurate and dialable CPN as part of the call record, that when dialed, will reach that specific IP-VIS User, on their Internet Protocol Network at their IP-VIS User Site.

IP Enabled Voice Information Service (IP-VIS) User

Denotes a person utilizing a phone set dedicated for all IP use for all voice traffic on the Internet Protocol Network at the IP-VIS User Site, and has an accurate and dialable CPN that when dialed, will reach the IP-VIS User on their Internet Protocol Network at their IP-VIS User Site.

IP Enabled Voice Information Service (IP-VIS) User Site

Denotes the specific temporary or permanent premises where a specific communication is initiated or received by the IP Enabled Voice Information Service (IP-VIS) User, using Internet Protocol.

Internet Protocol (IP) Gateway

Denotes a device that converts communications from Time Division Multiplexing (TDM) to Internet Protocol (IP).

Internet Protocol (IP) Network

Denotes a network that carries traffic in Internet Protocol on an IP Dedicated Access Connection between the IP-VIS User Site and the IP Gateway and does not change the protocol to any other protocol between the IP-VIS User Site and the IP Gateway.

(This page filed under Transmittal No. 81)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Interstate Communications

The term "Interstate Communications" denotes both interstate and foreign communications.

Intrastate Communications

The term "Intrastate Communications" denotes any communications within Nevada subject to oversight by the Public Service Commission of Nevada as provided by the laws of the State of Nevada.

L Band

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1565-1605 nanometers (unit of spatial measurement that is one billionth of a meter).

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Line-Side Connection

The term "Line-Side Connection" denotes a connection of a transmission path to the line side of a local exchange switching system.

Local Access and Transport Area

The term "Local Access and Transport Area" denotes a geographic area established for the provision and administration of communications service. It encompasses one or more designated exchanges which are grouped to serve common social, economic and other purposes.

Local Calling Area

The term "Local Calling Area" denotes a geographical area, as defined in the Telephone Company's Local and/or General Exchange Service tariff, in which an end user (Telephone Exchange Service subscriber) may complete a call without incurring MTS charges.

Local Tandem Switch

The term "Local Tandem Switch" denotes a local Telephone Company switching unit by which local or access telephonic communications are switched to and from an End Office Switch.

(This page filed under Transmittal No. 35)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Loop Around Test Line

The term "Loop Around Test Line" denotes an arrangement utilizing a Telephone Company Central office which to provide a means for making two-way transmission tests on a manual basis. This arrangement has two terminations, each reached by means of separate telephone numbers and does not require any specific customer premises equipment. Equipment subject to this test arrangement is at the discretion of the customer.

Loss Deviation

The term "Loss Deviation" denotes the variation of the actual loss from the designed value.

Maritime Radio Common Carriers (MRCCs)

The term "Maritime Radio Common Carriers (MRCCs)" denotes carriers which are regulated under Part 81 of the Federal Communications Commission's Rules and Regulations.

Major Fraction Thereof

The term "Major Fraction Thereof" is any period of time in excess of 1/2 of the stated amount of time. As an example, in considering a period of 24 hours, a major fraction thereof would be any period of time in excess of 12 hours exactly. Therefore, if a given service is interrupted for a period of thirty-six hours and fifteen minutes, the customer would be given a credit allowance for two twenty-four hour periods for a total of forty-eight hours.

Message

The term "Message" denotes a "call" as defined preceding.

Milliwatt (102 Type) Test Line

The term "Milliwatt (102 Type) Test Line" denotes an arrangement in an end office which provides a 1004 Hz tone at 0 dBm0 for one-way transmission measurements towards the customer premises from the Telephone Company end office.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Modification of Final Judgement (MFJ)

The term "Modification of Final Judgement" (MFJ) denotes the consent decree approved by the U.S. District Court in United States versus Western Electric 552 F. Supp. 171 (To D.C. 1982).

Network Control Signaling

The term "Network Control Signaling" denotes the transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of the telecommunications system.

Network Management Controls

The term "Network Management Controls" denotes the type of controls that the Telephone Company may need to implement when a substantial number of 900 calls are expected during a short period of time. The Telephone Company will work cooperatively with the customer to implement these controls.

900 Call Blocking

The term "900 Call Blocking" denotes the Telephone Company's central office call blocking service that allows the Telephone Company's residential and business subscribers to block access to all directly-dialed, the Telephone Company's operator assisted, and the Telephone Company's operator entered billing to Nevada 900 programs within Nevada and to all Interexchange Carrier 900 calls originating within the Telephone Company's service area.

Non IP Enabled Voice Information Service (IP-VIS) Traffic

Denotes any traffic not specifically defined as or not identifiable as IP-VIS traffic or any traffic that does not travel on an IP Dedicated Access Connection or any traffic that is not in Internet Protocol, for any portion of the communication between the IP-VIS User and the IP Gateway device, or any traffic from a Non IP-VIS User, or any traffic from a user site that is not an IP-VIS Site, or any traffic classified by this tariff as Non IP-VIS traffic.

Non IP Enabled Voice Information Service (IP-VIS) User

Any user(s) not meeting the definition of an IP-VIS User.

Non IP Enabled Voice Information Service (IP-VIS) Off Net Traffic

Denotes Non IP-VIS Traffic between a user (IP-VIS or non IP-VIS user) or customer (TIPTOP or non TIPTOP customer) and non-Telephone Company (Off Net) End Users via a TIPTOP interface.

Certain material previously appearing on this page now appears on 1st Revised Page 2-90.

(This page filed under Transmittal No. 81)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Non IP Enabled Voice Information Service (IP-VIS) On Net Traffic

Denotes Non IP-VIS Traffic between a user (IP-VIS or non IP-VIS user) or customer (IP or non IP customer) and Telephone Company users via a TIPToP port interface.

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Non-Primary Residential EUCL

The term "Non-Primary Residential EUCL" denotes each additional local exchange line provided to a specific end user at the same premises as the primary residential line.

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Nonsynchronous Test Line

The term "Nonsynchronous Test Line" denotes an arrangement in step-by-step end offices which provides operational tests which are not as complete as those provided by the synchronous test lines, but can be made more rapidly.

North American Numbering Plan

The term "North American Numbering Plan" denotes a ten-digit code consisting of two parts: a three-digit area (Numbering Plan Area) code and a seven-digit telephone number which in turn is made up of a three-digit Central Office code plus a four-digit station number.

Off-hook

The term "Off-hook" denotes the active condition of Switched Access or a Telephone Exchange Service line.

Off Net End User

Denotes a non-Telephone Company end user that subtends a Telephone Company Access Tandem.

(N)

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On-hook

The term "On-hook" denotes the idle condition of Switched Access or a Telephone Exchange Service line.

Open Circuit Test Line

The term "Open Circuit Test Line" denotes an arrangement in an end office which provides an ac open circuit termination of a trunk or line by means of an inductor of several Henries.

Originating Direction

The term "Originating Direction" denotes the use of Access Service for the origination of calls from an end user premises to a customer premises.

Certain material appearing on this page previously appeared on Original Page 2-89.

(This page filed under Transmittal No. 81)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Overlap Outpulsing

The feature of the exchange access signaling system which permits initiation of pulsing to the customer's premises before the calling subscriber has completed dialing an originating call.

OZZ

The term "OZZ" specifies the trunk group at the tandem switch over which a call is routed.

Pay Telephone

The term "Pay Telephone" denotes access line service available to payphone service providers for use by the general public for public convenience and necessity.

In some instances, pay telephones may be screened to provide restrictions in service (e.g., Charge-a-Call, Inmate Services).

Peaked Services

The term "Peaked Services" denotes a service that will produce a substantial call volume during a short period of time (e.g., media stimulated events) that may cause excessive network congestion.

Phase Jitter

The term "Phase Jitter" denotes the unwanted phase variations of a signal.

Point of Termination

The term "Point of Termination" denotes the point of demarcation, within a customer designated premises at which The Telephone Company's responsibility for the provision of Access Service ends, and the customers responsibility begins. This term is not to be limited to one building but applies as well to a complex or campus-type configuration of buildings.

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ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Premises

The term "Premises" denotes a building or a portion of a building in a multi-tenant building, or buildings on continuous property (except Railroad Right-of-Way, etc.) not separated by a public highway.

Presubscribed Interexchange Carrier Charge (PICC)

The term "Presubscribed Interexchange Carrier Charge" (PICC) denotes a charge billed on monthly basis to the interexchange carrier to whom the end user's Multiline Business access line is presubscribed. In the event the end user does not have a presubscribed interexchange carrier, the Multiline Business PICC will be billed directly to the end user.

Primary Exchange Carrier

The term "Primary Exchange Carrier" denotes the Local Exchange Telephone Company in whose exchange a customer's first point of switching is located.

Primary Residential EUCL

The term "Primary Residential EUCL" denotes the initial local exchange line provided to a specific customer at a specific customer premises.

Prime Service Vendor

The term "Prime Service Vendor" denotes the status of the Telephone Company when contracting directly with the user of the Telecommunications Service Priority (TSP) service.

Query

The term "Query" denotes a message delivered from a Service Switching Point (SSP) which causes a signaling message to be issued to request processing instructions or service data contained in a centralized database.

Radio Common Carriers (RCCs)

The term "Radio Common Carriers" (RCCs) denotes carriers which are regulated under Part 22 of the Federal Communications Commission's Rules and Regulations.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Remote Switching Modules and/or Remote Switching Systems

The term "Remote Switching Modules and/or Remote Switching Systems" denotes small, remotely controlled electronic end office switches which obtain their call processing capability from an ESS-type Host Office. The Remote Switching Modules and/or Remote Switching Systems cannot accommodate direct trunks to a customer.

Return Loss

The term "Return Loss" denotes a measure of the similarity between the two impedance's at the junction of two transmission paths. The higher the return loss, the higher the similarity.

Registered Equipment

The term "Registered Equipment" denotes the customer's premises equipment which complies with and has been approved within the Registration Provisions of Part 68 of the F.C.C.'s Rules and Regulations.

Secondary Channel

The term "secondary channel" denotes a second totally independent, lower speed channel operating in parallel with the primary channel of a Digital Data Access Service circuit.

Secondary Exchange Carrier

The term "Secondary Exchange Carrier" denotes the Local Exchange Telephone Company in whose exchange a customer's end office is located and where that end office is not the customer's first point of switching.

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Service Control Point

The term "Service Control Point" denotes the node in the SS7 network where several independent data base applications receive and respond to SS7 queries.

Service Management System

The term "Service Management System" (SMS) denotes the primary Toll Free Access Service system that interfaces between the regional SCPs and Toll Free Access Service providers order entry centers and/or systems. The primary function of the SMS is to administer Toll Free records in the SCPs that involve service provisioning, maintenance network administration and management.

Service Switching Point

The term "Service Switching Point" (SSP) denotes a switch which recognizes Toll Free calls and suspends them in order to query the Toll Free database using SS7 for routing instructions for the Toll Free call.

Service User

The term "Service User" denotes a customer who has their service on a channel or port of a multiplexed DS1, DS3 or SONET service belonging to a Host Subscriber through a Shared Network Arrangement.

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(N)

Serving Wire Center

The term "Serving Wire Center" denotes the wire center that normally serves the customer's premises and is designated as such for the purpose of measuring mileage.

Seven Digit Manual Test Line

The term "Seven Digit Manual Test Line" denotes an arrangement which allows the customer to select balance, milliwatt and synchronous test lines by manually dialing a seven digit number over the associated access connection.

Shared Network Arrangement

The term "Shared Network Arrangement" denotes a service offering whereby a Service User may connect subtending services to a Host Subscriber's multiplexed DS1, DS3 or SONET service, and the Telephone Company will undertake to maintain separate customer records and billing.

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(N)

Short Circuit Test Line

The term "Short Circuit Test Line" denotes an arrangement in an end office which provides for an ac short circuit termination of a trunk or line by means of a capacitor of at least four microfarads.

(This page filed under Transmittal No. 128)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Signal-to-C-Notched Noise Ratio

The term "Signal-to-C-Notched Noise Ratio" denotes the ratio in dB of a test signal to the corresponding C-Notched Noise.

Singing Return Loss

The term "Singing Return Loss" denotes the frequency weighted measure of return loss at the edges of the voiceband (200 to 500 Hz and 2500 to 3200 Hz), where singing (instability) problems are most likely to occur.

Special Order

The term "Special Order" denotes an order for a Directory Assistance Service.

Signaling Point of Interface

The term "Signaling Point of Interface" denotes the interface point between the Telephone Company and its access customer for purposes of exchanging SS7 signaling messages for Common Channel Signaling.

Signaling System Seven

The term "Signaling System Seven" denotes an international standard packet protocol, accepted by the International Telegraph and Telephone Consultative Committee (CCITT) and the American National Standards Institute (ANSI) for use with Common Channel Signaling.

Signaling Transfer Point

The term "Signaling Transfer Point" denotes a specialized packet switch which provides CCS network access and performs CCS message routing and screening.

Storage Area Network (SAN)

(N)

Network which links host computers, storage servers, and systems.

(N)

(This page filed under Transmittal No. 35)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Subcontractor

The term "subcontractor" denotes the status of the Telephone Company when contracting directly with a Prime Service Vendor to provide Telecommunications Service Priority (TSP) to a service user.

Subtending End Office of an Access Tandem

The term "Subtending End Office of an Access Tandem" denotes an end office that has final trunk group routing through that tandem.

Switching Point Code

The term "Switching Point Code" denotes a nine character numeric code that identifies a switch that is supported by SS7 signaling.

Switching System

The term "Switching System" denotes the hardware and/or software utilized by the Telephone Company for the establishment and maintenance of a given central office.

Synchronous Test Line

The term "Synchronous Test Line" denotes an arrangement in an end office which performs marginal operational tests of supervisory and ring-tripping functions.

Tandem Switched Transport

The term "Tandem Switched Transport" denotes a common transmission path from end offices to the Access Tandem and Tandem Switching.

Termination Charge

The term "Termination Charge" denotes a charge that is applicable should a customer discontinue Special Construction, Specialized Service or Arrangement or service developed on an Individual Case Basis, prior to the expiration of its termination liability period. This charge is computed at the time of discontinuance and in no case will it exceed the maximum termination liability (charge) which was agreed to by the customer at the time the Special Construction, Specialized Service or Arrangement or service developed on an Individual Case Basis, was undertaken.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from a customer premises to an end user premises.

Third Party Host

The term "Third Party Host" denotes a customer who has a Shared Network Arrangement with a Host Subscriber, and allows a Cascading Service User to occupy a channel or port of the Third Party Host's multiplexed service through a Cascading Shared Network Arrangement.

(N)

(N)

Toll Free Access Service

The term Toll Free Access Service denotes an originating service which provides a Toll Free Access Service customer identification function and optional features based on the dialed number at Telephone Company SSPs and SCPs. Toll Free Access Service calls are free to the originating end user and are characterized by specifically dedicated orders. Toll Free Access Service currently includes the following codes: 800 and 888.

Transmission Measuring (105 Type) Test Line/Responder

The term "Transmission Measuring (105 Type) Test Line/Responder" denotes an arrangement in an end office which provides far-end access to a responder and permits two-way loss and noise measurements to be made on trunks from a near end office.

Transmission Path

The term "Transmission Path" denotes an electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path is comprised of physical or derived channels consisting of any form or configuration of facilities typically used in the telecommunications industry.

Trunk

The term "Trunk" denotes a communications path connecting two switching systems in a network, used in the establishment of an end-to-end connection.

Trunk Circuit Identification Code

The term "Trunk Circuit Identification Code" denotes the number assigned to each switched trunk, to identify it to the SS7 signaling system.

Trunk Group

The term "Trunk Group" denotes a set of trunks which are traffic engineered as a unit for the establishment of connections between switching systems in which all of the communications paths are interchangeable.

(This page filed under Transmittal No. 128)

ACCESS SERVICE

2. General Regulations (Cont'd)2.6 Definitions (Cont'd)Trunk-Side Connection

The term "Trunk-Side Connection" denotes the connection of a transmission path to the trunk side of a local exchange switching system.

Two-Wire to Four-Wire Conversion

The term "Two-Wire to Four-Wire Conversion" denotes an arrangement which converts a four-wire transmission path to a two-wire transmission path to allow a four-wire facility to terminate in a two-wire entity (e.g., a central office switch).

Unbundled Network Elements (UNEs)⁽¹⁾

Denotes the network elements the Telephone Company is required to provide on an unbundled basis pursuant to Section 251(c)(3) of the Communications Act of 1934, as amended.

Uniform Service Order Code (USOC)

The term "Uniform Service Order Code" denotes a three or five character alphabetic, numeric, or an alphanumeric code that identifies a specific item of service or equipment. Uniform Service Order Codes are used in the Telephone Company billing system to generate recurring rates and nonrecurring charges.

The Uniform Service Order Code listing is as follows:

- If one USOC is listed, this USOC is used in CABS and CRIS,
- If two USOCs are listed, the first USOC is used in CABS and the second is used in CRIS,
- If there are more than two USOCs listed, a footnote has been inserted to describe which USOCs are used by CABS and which are used by CRIS.

⁽¹⁾ In the event the Commission or a court, pursuant to any regulatory or judicial review of the Commission's *Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers*, Report and Order and Order on Remand and Further Notice of Proposed Rulemaking, CC Docket No. 01-338, FCC 03-36, para. 581 (released Aug. 21, 2003) (*Triennial Review Order*), vacates, stays, remands, reconsiders, or rejects the portion of the Triennial Review Order requiring ILECs to permit commingling, the terms and conditions of this tariff authorizing commingling, which are identified with a footnote, shall cease to be effective as of the effective date of the Commission order or the issuance of the court's mandate. In that event, the Telephone Company will provide customers that have commingled UNE(s) and/or UNE Combination(s) with wholesale services obtained under this Tariff written notice that, within 30 days, customers must either convert such UNE(s) or UNE Combination(s) to a comparable service, or disconnect such UNE(s) and/or UNE Combination(s) from those wholesale services. Failure to provide the Telephone Company instructions to convert or disconnect such UNE(s) and/or UNE Combination(s) within 30 days, as described above, shall be deemed authorization to convert the UNE(s) and/or UNE Combination(s) to comparable access services at month-to-month rates.

(T)

(This page filed under Transmittal No. 80)

ACCESS SERVICE

2. General Regulations (Cont'd)

(M)

2.6 Definitions (Cont'd)V and H Coordinates Method

The term "V and H Coordinates Method" denotes a method of computing airline miles between two points by utilizing an established formula which is based on the vertical and horizontal coordinates of the two points.

WATS Serving Office

The term "WATS Serving Office" denotes a Telephone Company designated serving wire center where switching, screening and/or recording functions are performed in connection with the closed-end of WATS or WATS-type services.

Wide Area Network Physical Transport (WAN-PHY)

An Ethernet standard for wide area network transport at the physical layer, with a maximum bit rate of 9.953 Gbps.

Wire Center

The term "Wire Center" denotes a building in which one or more central offices, used for the provision of Telephone Exchange Services, are located.

(M)

Certain material appearing on this page previously appeared on 3rd Revised Page 2-98.

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ACCESS SERVICE

3. Carrier Common Line Access Service

This section contains the specific regulations governing the rates and charges which apply to Carrier Common Line Access Service to customers in conjunction with Switched Access Service provided in Section 6 of this tariff. There are two types of rate elements: Carrier Common Line Charges (CCLCs) and Multiline Business Presubscribed Interexchange Carrier Charges (PICCs).

3.1 General Description

The Carrier Common Line Charges provide for the use of end users' Telephone Company-provided common lines by Customers for access to such end users to furnish Interstate communications and recovery of marketing expenses.

Premium Access is (1) Switched Access provided to customers under this tariff which furnish interstate MTS/WATS, and (2) Switched Access Service in an end office converted to equal access.

Non Premium Access is Switched Access Service provided in an end office not yet converted to equal access to customers that do not furnish interstate MTS/WATS.

A Special Access Surcharge, as set forth in 7.3.5 following, will apply to interstate special access service provided by the Telephone Company to a customer, in accordance with regulations as set forth in 7.3 following.

The Multiline Business Presubscribed Interexchange Carrier Charges provide for the use of an End User Common Line (EUCL) by the end user.

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3. Carrier Common Line Access Service (Cont'd)3.2 Limitations3.2.1 Exclusions

Neither a telephone number nor detail billing are provided with Carrier Common Line Access. Additionally, directory listings and intercept arrangements are not included in the rates and charges for Carrier Common Line Access.

3.2.2 Access Groups

All line side connections provided in the same access group will be limited to the same features and operating characteristics.

All trunk side connections provided in the same access group will be limited to the same features and operating characteristics.

3.2.3 WATS Access Lines

Where Switched Access Services are connected with Special Access Services at Telephone Company Designated WATS Serving Offices for the provision of WATS or WATS-type Services, Switched Access Service minutes which are carried on that end of the service (i.e., originating minutes for outward WATS and WATS-type services and terminating minutes for inward WATS and WATS-type services) shall not be assessed Carrier Common Line Access per minute charges with the following exception. Carrier Common Line Access per minute charges shall apply when an Access Line Arrangement (ALA) or Feature Group A or an Access Trunk Arrangement 950 (ATA950) or Feature Group B switched access is ordered from a non equal access telephone company office that does not have measurement capabilities and the assumed average access minutes, as set forth in 6.7.6 following.

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3. Carrier Common Line Access Service (Cont'd)3.3 Undertaking of the Telephone Company3.3.1 Provision of Service

Where the customer is provided Switched Access Service under other sections of this tariff, the Telephone Company will provide the use of Telephone Company common lines by a customer for access to end users at rates and charges as set forth in 3.9 following.

3.3.2 Interstate and Intrastate Use

The Switched Access Service provided by the Telephone Company includes the Switched Access Service provided for both interstate and intrastate communications. The Carrier Common Line Access rates and charges as set forth in 3.9 following apply to interstate Switched Access Service access minutes in accordance with the rate regulations as set forth in 3.8.4 following (Percent Interstate Use - PIU).

3.4 Obligations of the Customer3.4.1 Switched Access Service Requirement

The Switched Access Service associated with Carrier Common Line Access shall be ordered by the customer under other sections of this tariff.

3.4.2 Supervision

The customer facilities at the premises of the ordering customer shall provide the necessary on-hook and off-hook supervision.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.5 Determination of Usage Subject to Carrier Common Line Access Charges

Except as set forth herein, all Switched Access Service provided to the customer will be subject to Carrier Common Line Access charges.

3.5.1 Determination of Jurisdiction

When the customer reports interstate and intrastate use of Switched Access Service, the associated Carrier Common Line Access used by the customer for interstate will be determined as set forth in 3.8.4 following (Percent Interstate Use-PIU).

3.5.2 Cases Involving Usage Recording By the Customer

Where an Access Trunk Arrangement Non Equal Access (ATANEA) or Feature Group C end office switching is provided without Telephone Company recording and the customer records minutes of use used to determine Carrier Common Line Access charges (i.e., ATANEA or Feature Group C operator and calls such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit-card, third number and/or other like calls), the customer shall furnish such minutes of use detail to the Telephone Company in a timely manner. If the customer does not furnish the data, the customer shall identify all Switched Access. Services which could carry such calls in order for the Telephone Company to accumulate the minutes of use through the use of special Telephone Company measuring and recording equipment.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.5 Determination of Usage Subject to Carrier Common Line Access Charges (Cont'd)3.5.3 Local Exchange Access and Enhanced Services Exemption

When access to the local exchange is required to provide a customer service (e.g., MTS/WATS-type, telex, Data, etc.) that uses a resold private line service, Switched Access Service Rates and Regulations, as set forth in Section 6. following will apply, except when such access to the local exchange is required for the provision of an enhanced service. Carrier Common Line Access rates and charges as set forth in 3.9 following apply in accordance with the resale rate regulations as set forth in 3.6.4 following.

3.6 Resold Services3.6.1 Scope

Where the customer is reselling MTS and/or MTS-type service(s) on which the Carrier Common Line and Switched Access charges have been assessed, the customer may, at the option of the customer, obtain ALA or Feature Group A, ATA950, Feature Group B, ATAXXX or Feature Group D Switched Access Service under this tariff as set forth in Section 6. following for originating and/or terminating access in the local exchange. Such access group arrangements whether single lines or trunks or multiline hunt groups or trunk groups will have Carrier Common Line Access charges applied as set forth in 3.9 following in accordance with the resale rate regulations set forth in 3.6.4 following. For purposes of administering this provision:

Resold interstate terminating MTS and MTS-type service(s) shall include collect calls, third number calls and credit card calls where the reseller pays the underlying carrier's service charges; and shall not include intrastate minutes of use.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.1 Scope (Cont'd)

Resold interstate originating MTS and MTS-type service(s) shall not include collect calls, third number, credit card calls or intrastate minutes of use.

3.6.2 Customer Obligations Concerning the Resale of MTS and MTS-type Services

When the customer is reselling MTS and/or MTS-type service as set forth in 3.6.1 preceding, the customer will be charged Carrier Common Line Access charges in accordance with the resale rate regulations as set forth in 3.6.4 following if the customer or the provider of the MTS service furnishes documentation of the MTS usage and/or the customer furnishes documentation of the MTS-type usage. Such documentation supplied by the customer shall be supplied each month and shall identify the involved resold MTS and/or MTS-type services.

The monthly period used to determine the minutes of use for resold MTS and/or MTS-type service(s) shall be the most recent monthly period for which the customer has received a bill for such resold service(s). This information shall be delivered to the Telephone Company, at a location specified by the Telephone Company, no later than 15 days after the bill date shown on the resold MTS and/or MTS-type service bill. If the required information is not received by the Telephone Company, the previously reported information, as described preceding, will be used for the next two months. For any subsequent month, no allocation or credit will be made until the required documentation is delivered to the Telephone Company by the customer.

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3. Carrier Common Line Access Service (Cont'd)

3.6 Resold Services (Cont'd)

3.6.3 Resale Documentation Provided By The Customer

When the customer utilizes Switched Access Service as set forth in 3.6.2 preceding, the Telephone Company may request a certified copy of the customer's resold MTS or MTS-type usage billing from either the customer or the provider of the MTS or MTS-type Service. Requests for billing will relate back no more than 12 months prior to the current billing period.

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3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services

When the customer is provided an access group to be used in conjunction with the resale of MTS and/or MTS-type services as set forth in 3.6.1 preceding, subject to the limitations as set forth in 3.2 preceding, and Telephone Company receives the usage information required as set forth in 3.6.2 preceding, to calculate the adjustment of Carrier Common Line Access charges, the customer will be billed as set forth in (C), (D), or (E) following, depending upon, respectively, whether the usage is from non equal access offices, equal access offices or a combination of the two.

(A) Apportionment and Adjustment of Resold Minutes of use

When the customer is provided with more than one access group in a LATA in association with the resale of MTS and/or MTS-type services, the resold minutes of use will be apportioned as follows:

(1) Originating Services

The Telephone Company will apportion the resold originating MTS and/or MTS-type services and originating minutes of use for which the resale credit adjustment applies, among the access groups. Such apportionment will be based on the relationship of the originating usage for each access group to the total originating usage for all access groups in the LATA. For purposes of administering this provision:

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)(A) Apportionment and Adjustment of Resold Minutes of Use (Cont'd)(1) Originating Services (Cont'd)

Resold originating MTS and/or MTS-type services minutes shall be only those attributable to interstate originating MTS and/or MTS-type minutes and shall not include collect, third number, credit card or intrastate minutes of use.

The resale credit adjustment shall apply for resold originating MTS and MTS-type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such service.

(2) Terminating Services

The Telephone Company will apportion the resold terminating MTS and/or MTS-type services and terminating minutes of use for which the resale credit adjustment applies, among the access groups. Such apportionment will be based on the relationship of the terminating usage for each access group to the total terminating usage for all access groups in the LATA. For purposes of administering this provision:

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)(A) Apportionment and Adjustment of Resold Minutes of Use (Cont'd)(2) Terminating Services (Cont'd)

Resold terminating MTS and/or MTS-type services minutes shall be only those attributable to interstate terminating MTS/MTS-type (i.e., collect calls, third number calls, and credit card calls) and shall not include intrastate minutes of use or MTS/MTS-type minutes of use paid for by another party.

The resale credit adjustment shall apply for resold terminating MTS and MTS-type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such services.

(B) Direct and Indirect Connections

Each of the access group arrangements used by the customer in association with the resold MTS and/or MTS-type services must be connected either directly or indirectly to the customer designated premises at which the resold MTS and/or MTS-type services are terminated. Direct connections are those arrangements where the access groups and resold MTS and/or MTS-type services are terminated at the same customer designated premises.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)(B) Direct and Indirect Connections (Cont'd)

Indirect originating connections are those arrangements where the access groups and the resold originating MTS and/or MTS-type services are physically located at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from access groups to resold MTS and/or MTS-type services.

Indirect terminating connections are those arrangements where the access groups and resold terminating MTS and/or MTS-type services are physically located at different customer designated premises in the same exchange. Such different customer designated premises are connected by facilities that permit a call to flow from resold terminating MTS and/or MTS-type services to access groups.

(C) Access Groups - Non Equal Access Offices Only

The adjustments as set forth here and in (D) and (E) following will be computed separately for each access group.

When all the usage on an access group originates from and/or terminates at end offices that have not been converted to equal access, the Non Premium Access Charge per minute as set forth in 3.9 following will apply. The Access Minutes which will be subject to Carrier Common Line Access charges will be the adjusted originating interstate access minutes plus the adjusted terminating interstate access minutes for such access groups.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)(C) Access Groups - Non Equal Access Offices Only
(Cont'd)

The adjusted originating access minutes will be the originating interstate access minutes less the reported resold originating MTS and/or MTS-type service minutes of use as set forth (A)(1) preceding; but not less than zero. The adjusted terminating access minutes will be the terminating interstate access minutes less the reported resold terminating MTS and/or MTS-type service minutes of use as set forth in (A)(2) preceding; but not less than zero.

(D) Access Groups - Equal Access Offices Only

When all the usage on an access group originates from and/or terminates at end offices that have been converted to equal access, the Premium Access Charge per minute as set forth in 3.9 following will apply. The minutes billed Carrier Common Line Access Services charges will be the adjusted originating interstate access minutes and the adjusted terminating interstate access minutes for such access groups.

The adjusted originating access minutes will be the originating interstate access minutes less the reported resold originating MTS and/or MTS-type service minutes of use as set forth (A)(1) preceding; but not less than zero. The adjusted terminating access minutes will be the terminating interstate access minutes less the reported resold terminating MTS and/or MTS-type service minutes of use as set forth in (A)(2) preceding; but not less than zero.

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3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)(E) Access Groups - Non Equal Access and Equal Access Offices

When an access group has usage that originates from and/or terminates at both end offices that have been converted to equal access and end offices that have not been converted, both premium and non premium per minute charges as set forth in 3.9 following will apply respectively. The minutes billed Carrier Common Line Access Services charges will be the adjusted originating interstate access minutes plus the adjusted terminating interstate access minutes for such access groups.

The adjusted originating access minutes will be the originating interstate access minutes less the reported resold originating MTS and/or MTS-type service minutes of use as set forth (A)(1) preceding; but not less than zero. The adjusted terminating access minutes will be the terminating interstate access minutes less the reported resold terminating MTS and/or MTS-type service minutes of use as set forth in (A)(2) preceding; but not less than zero.

The adjusted originating access minutes and the adjusted terminating access minutes will be apportioned between premium and non premium access minutes using end-office specific usage data when available, or when usage data are not available, the premium and non premium ratios developed as set forth in 6.7.1(D) following. The Premium and Non Premium per minute charges set forth in 3.9 following will apply to the respective premium and non premium access minutes determined in this manner.

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3. Carrier Common Line Access Service (Cont'd)3.6 Resold Services (Cont'd)3.6.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)(F) When the Adjustment Will Be Applied to Customer Bills

The adjustment as set forth in (C), (D), and (E) preceding will be made to the involved customer account no later than either the next bill date, or the one subsequent to that, depending on when the usage report is obtained.

(G) Conversion of Billed Usage to Minutes

When the MTS and/or MTS-type usage is shown in hours, the number of hours shall be multiplied by 60 to develop the associated MTS and/or MTS-type minutes of use. If the MTS and/or MTS-type usage is shown in a unit that does not show hours or minutes, the customer shall provide a factor to convert the shown units to minutes.

(H) Percent Interstate Use (PIU)

The adjustment as set forth in (C), (D), and (E) preceding will be made to the involved customer account after making the adjustments to the customer account as set forth in 3.8.4 following (PIU).

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.7 Coin Services3.7.1 Collection and Remittance of Coin Station Monies

When the customer is provided Operator Trunk-Coin or Combined Coin and Non-Coin or Operator Trunk-Full Feature Optional Features for sent-paid pay telephone access as set forth in Section 6. following, the Telephone Company will collect sent-paid monies from pay telephone stations and will remit monies to the customer as set forth in 3.7.3 following. The Telephone Company will provide message call detail format and bill periods used to determine the monies upon request from the customer.

3.7.2 Provision of Message Call Detail Concerning Coin Station Monies

Where Operator Trunk-Coin or Combined Coin and Non Coin or Operator Trunk-Full Feature Optional Features for sent-paid pay telephone access is provided to the customer and the customer wishes to receive the monies it is due from the monies collected by the Telephone Company from coin pay telephone stations, the customer shall furnish to the Telephone Company, at a location specified by the Telephone Company, the customer message call detail for the customer sent-paid (coin) pay telephone calls in accordance with the Telephone Company collection schedule. The customer message call detail furnished shall be in a standard format established by the Telephone Company. The Telephone Company will provide to the customer the precise details of the required standard format. If, in the course of Telephone Company business, it is necessary to change the standard format, the Telephone Company will provide notification to the involved customer six months prior to the change. If no

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.7 Coin Services (Cont'd)3.7.2 Provision of Message Call Detail Concerning Coin Station Monies (Cont'd)

Customer message call detail is received from the customer for each bill period established by the Telephone Company, the Telephone Company will assume there were no customer sent-paid (coin) pay telephone calls for the period. In addition the customer shall furnish a schedule of its charges for sent-paid (coin) calls to the Telephone Company at a location and date as specified by the Telephone Company. Any change in the customer's schedule of charges shall be furnished to the Telephone Company one day after the change becomes effective.

3.7.3 Payment of Coin Sent-Paid Monies

The Telephone Company will collect the monies from coin pay telephone stations and will determine and remit amounts due to a customer which is provided Operator Trunk-Coin or Combined Coin and Non-Coin or Operator Trunk-Full Feature Optional Features for sent-paid pay telephone access as set forth in Section 6. as follows:.

(A) Bill Period Coin Revenue

The Telephone Company will establish a collection schedule for each coin pay telephone station and will collect the monies from the coin pay stations based on this collection schedule. The monies collected based on this schedule during each bill period established by the Telephone Company will be identified by coin pay telephone station and summed to develop the Bill Period Coin Revenue for each coin record day (i.e., the day a record is prepared and dated to show the amount due the customer).

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.7 Coin Services (Cont'd)3.7.3 Payment of Coin Sent-Paid Monies (Cont'd)(B) Total Customer Coin Revenue

The interstate Total Customer Coin Revenue will be determined by the Telephone Company based on the customer message call detail received from the customer for each bill period and the customer's schedule of charges for sent-paid coin calls. Such Total Customer Coin Revenue will be developed each coin record day.

(C) Recourse Adjustments

For each coin record day, the Telephone Company will subtract from the Total Customer Coin Revenue an amount for coin station shortages. Coin station shortages are amounts resulting from unauthorized calling at coin pay telephone stations, use of unauthorized coins (i.e., foreign coins, slugs and improper use of U.S. pennies), unauthorized removal of coins from coin pay telephone stations and coin refunds beyond the Telephone Company's control. Such amount for coin station shortages will be developed by the Telephone Company by multiplying the Total Customer Coin Revenue for each coin record day by a shortage factor. Such amount will be rounded to the nearest penny. The shortage factor will be determined for each customer by dividing the quarterly total coin shortage amount by the quarterly total coin revenue amount (i.e., total coin revenue equals the coin revenue due under exchange tariffs, state toll tariffs, and interstate toll tariffs). The total coin shortage amount and the total revenue amount will be determined by the Telephone Company through a quarterly special study.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.7 Coin Services (Cont'd)3.7.3 Payment of Coin Sent-Paid Monies (Cont'd)(D) Payment of Net Customer Coin Revenue

The Telephone Company will determine the Net Customer Coin Revenue for each coin record day by subtracting from the Total Customer Coin Revenue determined as set forth in (B) preceding the amount for coin station shortages determined as set forth in (C) preceding. On the date (payment date) determined by adding 45 days to the coin record day, the Telephone Company will remit payment to the customer for the Net Customer Coin Revenue.

(E) Audit Provisions

Upon reasonable written notice by the customer to the Telephone Company, the customer shall have the right through its authorized representative to examine and audit, during normal business hours and at reasonable intervals as determined by the Telephone Company, all such records and accounts as may under recognized accounting practices contain information bearing upon the determination of the amount payable to the customer.

Adjustment shall be made by the proper party to compensate for any errors or omissions disclosed by such examination or audit. Neither such right to examine and audit nor the right to receive such adjustment shall be affected by any statement to the contrary, appearing on checks or otherwise, unless such statement expressly waiving such right appears in a letter signed by the authorized representative of the party having such right and delivered to the other party.

Upon reasonable written notice by the Telephone Company to the customer, the Telephone Company shall have the right through its authorized representative to examine and audit, during normal business hours and at reasonable intervals as determined by the customer and the Telephone Company, such records and accounts as may, under recognized accounting practices, contain information bearing upon the determination of the amount payable to the customer.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)

3.7 Coin Services (Cont'd)

3.7.3 Payment of Coin Sent-Paid Monies (Cont'd)

(E) Audit Provisions (Cont'd)

All information received or reviewed by the customer or its authorized representative is to be considered confidential and is not to be distributed, provided or disclosed in any form to anyone not involved in the audit, nor is such information to be used for any other purpose.

3.8 Rate Regulations-Presubscribed Interexchange Carrier Charges (PICCs)

The Multiline Business PICC is billed on a per month basis to the interexchange carrier to whom an end user's Multiline Business access line is presubscribed or to a local service provider that resells services of the Telephone Company. In the event the end user does not have a presubscribed interexchange carrier, the Telephone Company will directly bill the Multiline Business PICC to the end user as set forth in 4.6 following.

When a payphone service is provided local business exchange service (N)
or coin line service, the Multiline Business PICC will not apply. (N)

(This page filed under Transmittal No. 57)

ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.8 Rate Regulations-Presubscribed Interexchange Carrier Charges (PICCs)
(Cont'd)(A) Multiline Business

Each specific end user provided more than one business service under the Telephone Company's general or Local Exchange Service tariffs to a specific end user in a state by the same telephone company or when Local Exchange Service is provided for use with payphone service, the Multiline Business PICC set forth in 3.10.2(D) applies to each such local exchange service.

Each party that is provided more than one business service under the Telephone Company's general or Local Exchange tariffs, is deemed an end user of a EUCL and the Multiline Business PICC set forth in 3.10.2(D) applies.

Each Primary Rate Interface (PRI) Integrated Digital Network (ISDN) Service provided under the Telephone Company's general or Local Exchange tariffs, shall be assessed the equivalent of PRI ISDN PICC set forth in 3.10.2(E)

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.8 Rate Regulations-Presubscribed Interexchange Carrier Charges (PICCs) (Cont'd)(B) Centrex CO and Centrex CO Like Services

Business Centrex CO and Centrex Co-Like Services described in 4.6.(E) following shall be assessed the PICCs set forth in 3.10.2(F) following.

Business Centrex Service consisting of nine or more line shall be assessed Centrex PICC set forth in 3.10.2(F) following on each line.

Business Centrex Service consisting of less than nine lines shall be assessed the Centrex PICC set forth in 3.10.2(F) following on the entire service.

Apportionment of PICCs When Services Contain Multiple Presubscribed Interexchange Carriers (PICs)

If PRI ISDN and Centrex Co and Centrex Co-Like Services have channels presubscribed to various interexchange carriers or channels that are not presubscribed to any interexchange carrier, the Telephone Company will assess the PICC to each identified interexchange carrier based on its proportionate PIC entries to total working channels on the service.

(C) Billing Cycle

The full PICC will be assessed to the interexchange carrier of record as of the beginning of the bill cycle.

(D) Jurisdictional Reporting

The PICC will be billed 100% to the interstate jurisdiction. No PICCs will be prorated between the interstate and intrastate jurisdictions.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.9 Rate Regulations-Carrier Common Line Charges (CCLCs)3.9.1 Billing of Charges

Carrier Common Line charges will be billed to each Switched Access Service provided under this tariff in accordance with the regulations as set forth in 3.8.5 following (Determination of Premium and Non-Premium Charges) except as set forth in 3.6.4 preceding (Resale) and 3.8.4 following (PIU).

3.9.2 Measuring and Recording of Call Detail

When access minutes are used to determine Carrier Common Line charges, they will be accumulated using call detail recorded by Telephone Company equipment except as set forth in 3.8.3 following (Unmeasured ALA or FGA and ATA950 or FGB Usage) and ATANEA or Feature Group C operator and automated operator services systems call detail such as pay telephone sent-paid, operator-DDD, operator-person, collect, credit card, third number and/or other like calls recorded by the customer. The Telephone Company measuring and recording equipment, except as set

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.9 Rate Regulations-Carrier Common Line Charges (CCLCs) (Cont'd)3.9.2 Measuring and Recording of Call Detail (Cont'd)

forth in 3.9.3 following (Unmeasured ALA and ATA950 or FGA and B Usage), will be associated with end office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed on a line by line basis, by line group or by end office, whichever type of account is used by the Telephone Company, for each customer and then rounded to the nearest minute.

3.9.3 Unmeasured ALA or Feature Group A and ATA950 or Feature Group B Usage

When Carrier Common Line Access is provided in association with ALA or Feature Group A or ATA950 or Feature Group B Switched Access Service in Telephone Company offices that are not equipped for measurement capabilities, an assumed average interstate access minutes will be used to determine Carrier Common Line Access Charges. These assumed access minutes are as set forth in 6.7.6 following.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.9 Rate Regulations-Carrier Common Line Charges (CCLCs) (Cont'd)3.9.4 Percent Interstate Use (PIU)

When the customer reports interstate and intrastate use of in-service Switched Access Service, Carrier Common Line charges will be billed only to interstate Switched Access Service access minutes based on the data reported by the customer as set forth in 2.3.14 preceding (Jurisdictional Reports), except where the Telephone Company is billing according to actuals by jurisdiction. Interstate Switched Access Service access minutes will, after adjustment as set forth in 3.6.4 preceding (Resale), when necessary, be used to determine Carrier Common Line Charges as set forth in 3.9.5 following.

3.9.5 Determination of Premium and Non-Premium Charges

After the adjustments as set forth in 3.6.4 and 3.9.4 preceding have been applied, when necessary, to Switched Access Service access minutes, charges for the involved customer account will be determined as follows:

- (A) Access minutes for all premium rated Switched Access Service subject to Carrier Common Line charges will be multiplied by the Premium Access per minute rate as set forth in 3.10.1(A) following.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.9 Rate Regulations-Carrier Common Line Charges (CCLCs) (Cont'd)3.9.5 Determination of Premium and Non-Premium Charges (Cont'd)

- (B) Access minutes for all non-premium rated Switched Access Service subject to Carrier Common Line charges will be multiplied by the Non-Premium Access per minute rate as set forth in 3.10.1(B) following.
- (C) Carrier Common Line charges shall not be reduced as set forth in 3.6.1 preceding unless Switched Access Charges, as set forth in Section 6. following, are applied to the customer's Switched Access Service.
- (D) Terminating Premium Access or Non-Premium Access, per minute charge(s) apply to:
 - all terminating access minutes of use;
 - all originating access minutes of use associated with ALA or FGA Access Services where the off-hook supervisory signaling is forwarded by the customer's equipment when the called party answers;
 - all originating access minutes of use associated with calls placed to 700, 800, and 900 numbers, less those originating access minutes of use associated with calls placed to 700, 800, and 900 numbers for which the customer furnishes for each month a report of either the number of calls or minutes or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line charges.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.9 Rate Regulations-Carrier Common Line Charges (CCLCs) (Cont'd)3.9.5 Determination of Premium and Non-Premium Charges (Cont'd)

(D) (Cont'd)

When the customer makes this report available to the Telephone Company in advance of billing, these minutes of use will be charged on the current bill as originating minutes of use as set forth in (F) following. If a billing dispute arises concerning the customer provided report, the Telephone Company will request the customer to provide the data the customer used to develop the report. The Telephone Company will not request such data more than once a year. The customer shall supply the data within 30 days of the Telephone Company request.

When this report is not available to the Telephone Company until after billing, it shall be used by the Telephone Company to calculate and post a credit to the customer's account. The credit shall be posted to the customer's account within 30 days of receipt of the report. The credit shall be calculated by multiplying the number of access minutes of use, for which a credit is determined to be applicable, times the difference between the terminating and originating Carrier Common Line charges in effect when the calls were completed.

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ACCESS SERVICE

3. Carrier Common Line Access Service (Cont'd)3.9 Rate Regulations-Carrier Common Line Charges (CCLCs) (Cont'd)3.9.5 Determination of Premium and Non-Premium Charges (Cont'd)

- (E) The originating Premium Access or Non-Premium Access, per minute charge(s) apply to:
- all originating access minutes of use;
 - less those originating access minutes of use associated with ALA or FGA Access Services where the off-hook supervisory signaling is forwarded by the customer's equipment when the called party answers;
 - less all originating access minutes of use associated with calls placed to 700, 800, and 900 numbers;
 - plus all originating access minutes of use associated with calls placed to 700, 800, and 900 numbers for which the customer furnishes for each month a report of either the number of calls or minutes or a report of the percent of calls or minutes that terminate in a Switched Access Service that is assessed Carrier Common Line charges, and for which a corresponding reduction in the number of terminating access minutes of use has been made as set forth in (D) preceding.

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ACCESS SERVICE

3. Carrier Common Line Access Line Service (Cont'd)3.10 Rates and Charges3.10.1 Carrier Common Line Access Charges(A) Premium Access

- Terminating per Access Minute	\$.000000
- Originating per Access Minute	\$.000000

(B) Non-Premium Access

- Terminating per Access Minute	\$.000000
- Originating per Access Minute	\$.000000

3.10.2 Presubscribed Interexchange Carrier Charges

	<u>USOC</u>	<u>Rate Per Month</u>
(A) Multi-Line Business	P1CCM	0.00
(B) ISDN		
-PRI-per service	P1CCP	0.00
(C) Centrex CO and Centrex CO-Like		
-Nine or more lines, per line	P1CC9	0.00
-Eight or less lines, per service		0.00
USOCs: P1CC2 through P1CC8, depending on the number of lines.		

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ACCESS SERVICE

4. End User Access Service

The Telephone Company will provide End User Access Service to end users who obtain local telephone exchange service from the Telephone Company under its general and/or local exchange tariffs.

4.1 General Description

End User Access Service provides for the use of an End User Common Line (EUCL) and may include EUCL Charges, Federal Universal Service Fee (FUSF) Charges, End User Digital Port Charges and/or Presubscribed Interexchange Carrier Charges (PICC).

4.2 Limitations

The following items are not provided as part of End User Access Service:

A Telephone number

Detail billing

Directory listings

Intercept arrangements

4.3 Undertaking of the Telephone Company

The Telephone Company will provide use of an EUCL at rates and charges as set forth in 4.7 following, as follows:

- (A) Use of an EUCL by an end user is provided in connection with interstate Access Services provided under this tariff. Such use will be provided when the end user obtains local telephone exchange service.
- (B) The Telephone Company will be responsible for contacts and arrangements with customers for the billing of End User Access charges.

4.4 Obligations of the End User

- (A) When the end user is a Radio Common Carrier (RCC), or a Maritime Radio Common Carrier (MRCC), it shall designate whether the local exchange services it is provided by the Telephone Company are used as access lines for its services or used as administrative lines.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

4. End User Access Service (Cont'd)

4.5 Payment Arrangements and Credit Allowances

(A) Minimum Period

The minimum period for which EUCL End User Access is provided to an End User and for which charges are applicable is the same as that in the general and/or local exchange tariffs for the associated local telephone exchange service.

(B) Cancellation of Application

End User Access is cancelled when the order for the associated local telephone exchange service is cancelled. No cancellation charges apply.

(C) Changes to Orders

When changes are made to orders for the local telephone exchange service associated with End User Access, any necessary changes will be made for End User Access. No charges will apply.

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ACCESS SERVICE

4. End User Access Service (Cont'd)4.6 Rate Regulations

This section contains the specific regulations governing the rates and charges which apply for End User Access Service. The EUCL Charge is billed on a per month basis to the end user customer of the Telephone Company or a local service provider that resells services of the Telephone Company (herein referred to as end user) for the associated local exchange service based upon the local exchange service types set forth in 4.6.1 following.

Federal Universal Service Fee (FUSF) Charges are billed on a per month and/or per occurrence basis to the end user customer of the Telephone Company for the associated local exchange service based upon the local exchange service types set forth in 4.6.1 following. Local service providers that resell services of the Telephone Company are exempt from the FUSF Charge.

The PICC is billed on a per month basis to an end user when the end user's access line has not been presubscribed to an interexchange carrier. In the event an end user has presubscribed to an interexchange carrier, the PICC is assessed to the interexchange carrier to whom the end user's access line is presubscribed. These rates and charges apply as set forth in 4.7 following.

The End User Port Charge is billed on a per month basis to an end user for each such local exchange service line port that exceeds the cost of a line port used for basic, analog service.

Specific rates and charges for EUCL Charges, FUSF Charges, and End User Port Charges are set forth in 4.7.

4.6.1 End User Common Line (EUCL) Rate Elements(A) Primary Residential

For each local exchange service provided as residential service under the general or local exchange service tariffs the EUCL-Primary Residential charge applies to one line at a service location.

(D)

(D)

(This page filed under Transmittal No. 144)

ACCESS SERVICE

4. End User Access Service (Cont'd)4.6 Rate Regulations (Cont'd)4.6.1 End User Common Line Rate Elements (Cont'd)(A) Primary Residential (Cont'd)

When an end user is provided a local residence exchange service by the Telephone Company, the End User Common Line-Primary Residential rate shall be reduced by 100% for qualifying low income subscribers meeting low income eligibility criteria established by the state commission.

When a local exchange service provided as remote call forwarding residential service under the general and/or local exchange service tariffs, End User Access charges do not apply.

(B) Non-Primary Residential and BRI ISDN

Each additional local exchange service provided at the same service location, the End User Common Line-Non-Primary Residential charge applies, as set forth in 4.7(B) following.

(D)
|
(D)

When local exchange service is provided as Basic Rate Interface (BRI) integrated services digital network (ISDN) service, one End User Common Line-Non-Primary Residential charge will apply to each such local exchange service.

(C) Business

For each local exchange service provided as local business service under the general and/or local exchange service tariffs, the End User Common Line (EUCL) Residence/Single Line Business Subscriber - Individual line or trunk rate as set forth in 4.7(A) following applies to each such party.

(D)
|
(D)

(This page filed under Transmittal No. 144)

ACCESS SERVICE

4. End User Access Service (Cont'd)4.6 Rate Regulations (Cont'd)4.6.1 End User Common Line Rate Elements (Cont'd)(C) Business (Cont'd)

When a local exchange service is provided as remote call forwarding business service under the general and/or local exchange service tariffs, End User Access charges do not apply.

For each local exchange service other than local exchange service used for administrative purposes, provided to Radio Common Carriers and/or Maritime Radio Common Carriers as access lines for their services under the general and/or local exchange service tariffs, End User Access charges do not apply.

(D) Multiline Business and PRI ISDN

(T)

When an End User is provided more than one local business exchange service in a state by the same Telephone Company under the general and/or local exchange service tariffs, the End User Common Line (EUCL)-Multiline Business Subscriber-Individual line or trunk rate as set forth in 4.7(C) following applies to each such local business exchange service.

When an End User is provided more than one local telephone business exchange service in a state by the same Telephone Company as pay telephone access line service under the general and/or local exchange service tariffs, the End User Common Line (EUCL)-Multiline Business Subscriber line rate as set forth in 4.7(C) following applies to each such pay telephone access line local business exchange service.

(D)

(D)

When local exchange service is provided as Primary Rate Interface (PRI) integrated services digital network (ISDN) service, five End User Common Line-Multiline Business individual line or trunk charges apply to each such local exchange service.

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ACCESS SERVICE

4. End User Access Service (Cont'd)4.6 Rate Regulations (Cont'd)4.6.1 End User Common Line Rate Elements (Cont'd)(E) Centrex CO and CO-like

For business Centrex CO and Centrex CO-like service lines or trunks installed or on order prior to July 28, 1983 and Centrex Dormitory (Residence) Service office lines or trunks, the EUCL- Centrex CO rate as set forth in 4.7(E) following applies to each line or trunk. For such lines installed on or after July 28, 1983, the EUCL-Multiline Business Subscriber rate as set forth in 4.7(D) following applies to each line or trunk.

(T)
(C)
(C)
(C)
(C)

For Centrex Dormitory (Residence) Service dormitory (residential) quarters lines or trunks, the End User Common Line (EUCL) - Residence Subscriber - Individual Line or trunk rate and Non-Primary Residential charges as set forth in 4.7(A) and (B) following will apply to the student or faculty dormitory (residential) quarters.

Centrex CO is a service that (1) uses a portion of a Telephone Company switch located at the Telephone Company central office to meet the customer's internal needs and serves as the customer's interface with the local and interexchange networks and (2) links the customer's main stations to the Telephone Company switch with subscriber loops.

Centrex CO-like services are services (eg. ESSEX, Centron, Centraflex, Airport Service, Hotel-Motel Service) that operate in a manner that is the same as Centrex CO and (1) are provided using switches located at Telephone Company central offices and (2) link customer main stations to the Telephone Company switch with subscriber loops.

Centrex Dormitory (Residential) Service is a service to a college or university or school that serves both the university, college or school offices and the students or faculty dormitory

(This page filed under Transmittal No. 22)

ACCESS SERVICE

4. End User Access Service (Cont'd)

4.6 Rate Regulations (Cont'd)

4.6.1 End User Common Line Rate Elements (Cont'd)

(F) End User Port Charge

When local exchange service is provided using line ports for non-basic analog services such as ISDN, the applicable End User Port Charge will apply to each such local exchange service.

(1) BRI ISDN Port

The BRI ISDN Port provides BRI 2B+D features. All terminations are 2-wire and dial tone signaling is provided via the "D" channel.

(2) PRI ISDN Port

The PRI ISDN Port provides 23B + 1D or 24B channels. Both line and trunk features are available via the DS1 interface.

Certain revised material previously appearing on this page now appears on Original Page 4-8.1.

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ACCESS SERVICE

4. End User Access Service (Cont'd)4.6 Rate Regulations (Cont'd)4.6.1 End User Common Line Rate Elements (Cont'd)(G) Basic Federal Universal Service Fee (FUSF)(1) Residential/Single Line Business (SLB)/
ISDN BRI

For each local exchange service as described in Sections 4.6.1(A), 4.6.1(B) and 4.6.1(C) preceding under the general and/or local exchange service tariffs, a Basic Federal Universal Service Fee (FUSF) Charge applies to each such local exchange line as set forth in Section 4.7(I) following.

Lifeline customers as set forth in Section 4.6.1(A) preceding are exempt from the Basic FUSF Charge.

(2) Multi-line Business / PBX Trunks / PRI ISDNMulti-line

For each local exchange service as described in Sections 4.6.1(D) preceding under the general or local exchange service tariffs the Basic FUSF Multiline Business Charge applies to each line as set forth in Section 4.7(I) following, unless (D)

PBX

Multi-line business customers with PBX trunks will be assessed a Basic FUSF PBX charge as set forth in Section 4.7(I) following. (D)

PRI ISDN

When local exchange service is provided as Primary Rate Interface (ISDN) service, the Basic FUSF PRI ISDN Charge applies to each such local exchange service as set forth in Section 4.7(I) following. (D)

Centrex

When a local exchange service is provided as Centrex or Centrex CO-like service as described in Section 4.6(E) preceding, under the general or local exchange service tariffs, a Basic Centrex FUSF Charge applies to each Centrex line as set forth in Section 4.7(I) following. (D)

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ACCESS SERVICE

4. End User Access Service (Cont'd)4.6 Rate Regulations (Cont'd)4.6.1 End User Common Line Rate Elements (Cont'd)(G) Federal Universal Service Fee (FUSF) (Cont'd)

(3)

(4) Other Non-recurring FUSF Charges

In addition to the applicable charges above, when a customer is assessed interstate end user charges identified in the table below, a FUSF recovery charge will also apply as set forth in Section 4.7(I) following. For example, customers assessed the PIC change charge as specified in Section 13.3.3.(b)(5)(e)(ii) will also be assessed the PIC change FUSF recovery charge as set forth in Section 4.7(I) following.

Tariff Reference	Rate Element
13.3.3(A)	PIC Change Charge

To the extent an IC is assessed a PIC Change Charge, the Non-recurring FUSF charge will also apply to the IC.

(5) Other Recurring FUSF Charges

A percentage surcharge factor is assessed monthly on billed recurring charges of end user services other than surcharges described in Section 4.

USF Surcharge factor: .091(R)

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ACCESS SERVICE

4. End User Access Service (Cont'd)4.7 Rates and Charges

The rates for End User Access are:

(A) End User Common Line (EUCL) - Primary Residence Subscriber

	<u>USOC</u>	<u>Rates Per Month</u>
- Individual line or trunk, each	9ZEU1	\$5.19

(D)
(D)(B) End User Common Line (EUCL)

Non-Primary Residence Subscriber	<u>USOC</u>	<u>Rates Per Month</u>
- Individual line or trunk, each	9ZEU2	\$5.19

(D)
(D)

- BRI ISDN Facility, each wire pair	9ZEU5	5.19

(C) End User Common Line (EUCL) - Single Line Business

	<u>USOC</u>	<u>Rates Per Month</u>
- Individual line or trunk, each	9ZEU3	\$5.19

(D)
(D)(D) End User Common Line (EUCL) - Multiline Business Subscriber

	<u>USOC</u>	<u>Rates Per Month</u>
- Individual line or trunk, each	9ZEU4	\$5.19

(D)
(D)

- Public Telephone Access line, each	9ZEU4	5.19
- PRI ISDN Facility, each	9ZEU6	25.95

(E) End User Common Line (EUCL) - Centrex CO and CO-like (Installed or on order prior to July 28, 1983)

	<u>USOC</u>	<u>Rates Per Month</u>
- Individual line or trunk, each	9ZEU4	\$5.19

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ACCESS SERVICE

4. End User Access Service (Cont'd)4.7 Rates and Charges (Cont'd)(G) Presubscribed Interexchange Carrier Charges

	<u>USOC</u>	<u>Rate Per Month</u>
(A) Multi-Line Business	9PCC4	0.00
(B) ISDN		
-PRI-per service	9PCC6	0.00
(C) Centrex CO and		
Centrex CO-Like		
-Nine or more lines, per line	9PCC7	0.00
-Eight or less lines, per service	9PCC9	0.00

(H) End User Port Charge

	<u>USOC</u>	<u>Rate Per Month</u>
(1) BRI ISDN Port		
- Per Port	9SDN1	\$3.90
(2) PRI ISDN Port		
- Per Port	9SDN2	\$36.29

(I) Basic Federal Universal Service Fee (FUSF):

	<u>USOC</u>	<u>Rate Per Month</u>
(1) Residential	9PZRS	\$ 0.47(R)
(2) Single-Line Business	9PZBU	\$ 0.47(R)
(3) ISDN BRI	9PZL1	\$ 0.82(R)
(4) Multiline Business	9PZLM	\$ 0.98(R)
(5) PRI ISDN	9PZP1	\$ 8.20(R)
(6) PBX	9PZPX	\$ 0.98(R)
(7) Centrex CO and CO-Like	9PZCX	\$ 0.10(R)

(8) Other FUSF Recovery Charges

	<u>USOC</u>	<u>Rate Per Occurrence</u>
PIC Change Charge		
(a) Per Manual Change	9PZGM	\$ 0.35(R)
(b) Per Mechanized Change	9PZGE	0.14(R)

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Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

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(This page filed under Transmittal No. 64)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service5.1 General

This section sets forth the regulations and order related charges for Access Orders for Switched and Special Access Services and the Expanded Interconnection Service Channel Termination (EISCT). These charges are in addition to other applicable charges as set forth in other sections of this tariff.

An Access Order is an order to provide the customer with Switched or Special Access Service, EISCT or to provide changes to existing services.

5.1.1 Ordering Conditions

A customer may order any number of services of the same type and between the same premises on a single Access Order, except when requested activity involves more than ten Carrier Identification Codes. An additional Access Order is required for each additional group of ten Carrier Identification codes requiring establishment, removal, or changes. All details for services for a particular order must be identical except for those for multipoint service.

The Telephone Company may order comparable special access services pursuant to this tariff on behalf of telecommunications service providers who are purchasing DS1 or DS3 loop or transport, entrance facilities, dedicated transport DS0 or Optical Carrier Network as unbundled network elements (UNEs) from the Telephone Company for which they are no longer eligible, as of March 12, 2006, unless alternative arrangements have been made as of March 12, 2006. Non-recurring Access Service Order charge will apply.

(N)
|
(N)

The customer shall provide all information necessary for the Telephone Company to provide and bill for the requested service. In addition to the order information required in 5.2 following, the customer must also provide:

- Customer name and premises address(es).
- Billing name and address (when different from customer name and address).
- Customer contact name(s) and telephone number(s) for the following provisioning activities: order negotiation, order confirmation, interactive design, installation and billing.
- Orders for Entrance Facilities or Direct Trunked Transport shall be ordered at a DS1 or DS3 level when ordered separately from Feature Groups and Access Arrangements.
- Orders for Entrance Facilities or Direct Trunked Transport in conjunction with Feature Groups or Access Arrangements shall be ordered at a DS0 or DS1 level. The number of DSIs provisioned will be determined by the Telephone Company based on the numbers of lines/trunks ordered by the customer.
- Direct Trunked Transport shall be ordered with or without Entrance Facilities.
- Tandem Switched Transport shall be ordered in trunks.

(This page filed under Transmittal No. 120)

ACCESS SERVICE

5. Ordering options for Switched and Special Access Service (Cont'd)5.1 General (Cont'd)5.1.1 Ordering Conditions (Cont'd)

Except as provided below, the Telephone Company shall permit a requesting telecommunications carrier to commingle an unbundled network element or a combination of unbundled network elements with wholesale services obtained from the Telephone Company, to the extent provided by and subject to the terms and conditions of the requesting telecommunications carrier's interconnection agreement with the Telephone Company (or, if applicable, of the Telephone Company intrastate tariffs).⁽¹⁾

The Telephone Company need not provide access to (1) an unbundled DS1 loop in combination, or commingled, with a dedicated DS1 transport or dedicated DS3 transport facility or service, or to an unbundled DS3 loop in combination, or commingled, with a dedicated DS3 transport facility or service, or (2) an unbundled dedicated DS1 transport facility in combination, or commingled, with an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled dedicated DS3 transport facility in combination, or commingled, with an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled DS3 loop or a DS3 channel termination service, unless the requesting telecommunications carrier certifies that all of the following conditions are met⁽¹⁾

- (1) The requesting telecommunications carrier has received state certification to provide local voice service in the area being served or, in the absence of a state certification requirement, has complied with registration, tariffing, filing fee, or other regulatory requirements applicable to the provision of local voice service in that area.
- (2) The following criteria are satisfied for each combined circuit, including each DS1 circuit, each DS1 enhanced extended link, and each DS1-equivalent circuit on a DS3 enhanced extended link:

⁽¹⁾ In the event the Commission or a court, pursuant to any regulatory or judicial review of the Commission's *Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers*, Report and Order and Order on Remand and Further Notice of Proposed Rulemaking, CC Docket No. 01-338, FCC 03-36, para. 581 (released Aug. 21, 2003) (*Triennial Review Order*), vacates, stays, remands, reconsiders, or rejects the portion of the Triennial Review Order requiring ILECs to permit commingling, the terms and conditions of this tariff authorizing commingling, which are identified with a footnote, shall cease to be effective as of the effective date of the Commission order or the issuance of the court's mandate. In that event, the Telephone Company will provide customers that have commingled UNE(s) and/or UNE Combination(s) with wholesale services obtained under this Tariff written notice that, within 30 days, customers must either convert such UNE(s) or UNE Combination(s) to a comparable service, or disconnect such UNE(s) and/or UNE Combination(s) from those wholesale services. Failure to provide the Telephone Company instructions to convert or disconnect such UNE(s) and/or UNE Combination(s) within 30 days, as described above, shall be deemed authorization to convert the UNE(s) and/or UNE Combination(s) to comparable access services at month-to-month rates.

(T)

(This page filed under Transmittal No. 80)

ACCESS SERVICE

5. Ordering options for Switched and Special Access Service (Cont'd)5.1 General (Cont'd)5.1.1 Ordering Conditions (Cont'd)

- (i) Each circuit to be provided to each end user customer will be assigned a local number prior to the provision of service over that circuit;
- (ii) Each DS1-equivalent circuit on a DS3 enhanced extended link must have its own local number assignment, so that each DS3 must have at least 28 local voice numbers assigned to it;
- (iii) Each circuit to be provided to each end user customer will have 911 or E911 capability prior to the provision of service over that circuit;
- (iv) Each circuit to be provided to each end user customer will terminate in a collocation arrangement that meets the requirements detailed below;
- (v) Each circuit to be provided to each end user customer will be served by an interconnection trunk that meets the requirements detailed below;
- (vi) For each 24 DS1 enhanced extended links or other facilities having equivalent capacity, the requesting telecommunications carrier will have at least one active DS1 local service interconnection trunk that meets the requirements detailed below; and
- (vii) Each circuit to be provided to each end user customer will be served by a switch capable of switching local voice traffic.

⁽¹⁾ In the event the Commission or a court, pursuant to any regulatory or judicial review of the Commission's *Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers*, Report and Order and Order on Remand and Further Notice of Proposed Rulemaking, CC Docket No. 01-338, FCC 03-36, para. 581 (released Aug. 21, 2003) (*Triennial Review Order*), vacates, stays, remands, reconsiders, or rejects the portion of the Triennial Review Order requiring ILECs to permit commingling, the terms and conditions of this tariff authorizing commingling, which are identified with a footnote, shall cease to be effective as of the effective date of the Commission order or the issuance of the court's mandate. In that event, the Telephone Company will provide customers that have commingled UNE(s) and/or UNE Combination(s) with wholesale services obtained under this Tariff written notice that, within 30 days, customers must either convert such UNE(s) or UNE Combination(s) to a comparable service, or disconnect such UNE(s) and/or UNE Combination(s) from those wholesale services. Failure to provide the Telephone Company instructions to convert or disconnect such UNE(s) and/or UNE Combination(s) within 30 days, as described above, shall be deemed authorization to convert the UNE(s) and/or UNE Combination(s) to comparable access services at month-to-month rates.

(T)

(This page filed under Transmittal No. 80)

ACCESS SERVICE

5. Ordering options for Switched and Special Access Service (Cont'd)5.1 General (Cont'd)5.1.1 Ordering Conditions (Cont'd)

A collocation arrangement meets the requirements in (iv) above if it is:

- (1) Established pursuant to section 251(c)(6) of the Act and located at the Telephone Company's premises within the same LATA as the customer's premises, when the Telephone Company is not the collocater; and
- (2) Located at a third party's premises within the same LATA as the customer's premises, when the Telephone Company is the collocater.

An interconnection trunk meets the requirements of (v) and (vi) above in this certification if the requesting telecommunications carrier will transmit the calling party's number in connection with calls exchanged over the trunk and the trunk is located in the same LATA as the customer premises served by the EEL.⁽¹⁾

⁽¹⁾ In the event the Commission or a court, pursuant to any regulatory or judicial review of the Commission's *Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers*, Report and Order and Order on Remand and Further Notice of Proposed Rulemaking, CC Docket No. 01-338, FCC 03-36, para. 581 (released Aug. 21, 2003) (*Triennial Review Order*), vacates, stays, remands, reconsiders, or rejects the portion of the Triennial Review Order requiring ILECs to permit commingling, the terms and conditions of this tariff authorizing commingling, which are identified with a footnote, shall cease to be effective as of the effective date of the Commission order or the issuance of the court's mandate. In that event, the Telephone Company will provide customers that have commingled UNE(s) and/or UNE Combination(s) with wholesale services obtained under this Tariff written notice that, within 30 days, customers must either convert such UNE(s) or UNE Combination(s) to a comparable service, or disconnect such UNE(s) and/or UNE Combination(s) from those wholesale services. Failure to provide the Telephone Company instructions to convert or disconnect such UNE(s) and/or UNE Combination(s) within 30 days, as described above, shall be deemed authorization to convert the UNE(s) and/or UNE Combination(s) to comparable access services at month-to-month rates.

(T)

(This page filed under Transmittal No. 80)

ACCESS SERVICE

5. Ordering options for Switched and Special Access Service (Cont'd)

(N)

5.1 General (Cont'd)5.1.1 Ordering Conditions (Cont'd)

(N)

The Telephone Company will establish a confirmed due date when the customer has provided a firm commitment for the service and sufficient information to allow for the processing of the Access Order. The date on which the confirmed due date is established is considered to be the Application Date. The Telephone Company will provide a firm order confirmation to the customer and will advise the customer of the Application Date and the Confirmed Due Date.

The time required to provision the service (i.e., the interval between the Application Date and the Confirmed Due Date) is known as the service interval. Such intervals will be established in accordance with service date interval guidelines.

Schedules that specify installation intervals will also specify the services and quantities of the services that can be provided as specified in Section 5.1.1.1(B) and (C). The Telephone Company will adhere to the intervals as specified in Section 5.2.2(D)(1), except during circumstances beyond its direct control (i.e., acts of God, governmental requirements, work stoppages and civil commotions). Standard Intervals only apply when facilities and equipment are available.

(N)
(N)

Access Services will be installed during Telephone Company business days. If a customer requests that installation be done outside of normally scheduled work hours, and the Telephone Company agrees to this request, the customer will be subject to applicable charges described in 13.2 (Additional Labor).

(This page filed under Transmittal No. 54)

ACCESS SERVICE

5. Ordering options for Switched and Special Access Service (Cont'd)5.1 General (Cont'd)5.1.1.1 Negotiated Interval

The Telephone Company will negotiate a service date interval with the customer when:

- (A) There is no standard interval for the service, or
- (B) The quantity of Access Services ordered exceeds the quantities specified in Section 5.2.2(D)(1), or
- (C) The customer requests a service date beyond the applicable standard interval service date.

Standard Intervals	
Analog/Voice Grade/DS0	10 days
DS1/Fractional DS1	7 days
DS3	7 days ⁽¹⁾
OC3 and OC12	7 days ⁽¹⁾

⁽¹⁾Interval only applies where facilities and equipment exist. When facilities and equipment do not exist the interval is dependent upon the complete installation of new facilities and equipment.

(C)
(N)
(N)
(N)
(N)
(N)

The Telephone Company will offer a service date based on the type and quantity of Access Services the customer has requested. The negotiated interval may not exceed by more than six months the standard interval service date, or, when there is no standard interval, the Telephone Company offered service date.

Certain Telephone Company critical dates are associated with the service interval. These dates provide a means to determine the provisioning costs incurred at any point during the service interval. The critical dates for each Access Order will be provided to the customer on the firm order confirmation. These dates will be used to develop cancellation charges as set forth in 5.2.3 following. Cancellation charges are calculated by determining the provisioning costs the Telephone Company has incurred as of the last critical date completed.

(This page filed under Transmittal No. 99)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.1 General (Cont'd)5.1.2 Provision of Other Services

- (A) In addition to Switched and Special Access Services, other services offered under the provisions of this tariff may be ordered with an Access Order or as set forth in (B) following. The rates and charges for these services, as set forth in other sections of this tariff, will apply in addition to the ordering charges set forth in this section and the rates and charges for the Access Service with which they are associated.
- (B) With the agreement of the Telephone Company, other services set forth in (A) preceding may subsequently be added to the order at any time, up to and including the service date for the Access Service. When added subsequently, charges for a design change as set forth in 5.2.2(C) following will apply when an engineering review is required.
- (C) Additional Engineering is not an ordering option, but will be applied to an Access order when the Telephone Company determines that Additional Engineering is necessary to accommodate a customer request. Additional Engineering will only be required as set forth in 13.1.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.1 General (Cont'd)5.1.2 Provision of Other Services (Cont'd)

(C) (Cont'd)

following. When it is required, the customer will be so notified and will be furnished with a written statement setting forth the justification for the Additional Engineering as well as an estimate of the charges. If the customer agrees to the Additional Engineering, a firm order will be established. If the customer does not want the service or facilities after being notified that Additional Engineering of Telephone Company facilities is required, the order will be withdrawn and no charges will apply. Once a firm order has been established, the total charge to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%.

The regulations, rates and charges for Additional Engineering are as set forth in 13.1 following and are in addition to the regulations, rates and charges specified in this section.

5.1.3 Special Construction

The regulations, rates and charges for special construction are set forth in Pacific Bell's Tariff F.C.C. No. 2 and are in addition to the regulations, rates and charges specified in this section.

(T)

(This page filed under Transmittal No. 4)

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order

An Access Order is used by the Telephone Company to provide a customer Access Service as follows:

- Switched Access Services as set forth in 6. following,
- Special Access Services as set forth in 7. following, (D)
- Other Services as set forth in 5.1.2 preceding, and (T)
- TIPTOP Services as set forth in 24, following (N)

If a PIU is required, the customer must provide its PIU when placing an order for Access Services in accordance with Section 2.3.14 of this tariff.

(A) The following applies when placing an order for all Switched Access Services:

(1) When ordering EF the customer shall specify:

- (a) Whether DS0, DS1 or DS3.
- (b) The multiplexing required for DS3 to DS1 or DS1 to DS0.
- (c) Customer designated premises, hub, type of service, Interface and technical specifications.

(2) When ordering DTT the customer shall specify:

- (a) Whether DS0, DS1 or DS3.
- (b) The multiplexing required for DS3 to DS1 or DS1 to DS0.
- (c) Customer designated premises, hub, switch location (i.e., Access Tandem or End Office), type of service, Interface and technical specifications.
- (d) The channel facility assignment when Direct trunked transport is interconnected with an existing Entrance Facility.
- (e) The number of trunks.

(This page filed under Transmittal No. 81)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

- (4) When ordering the Switched Access EISCT the customer shall specify:
- (a) Whether DS1 or DS3.
 - (b) The multiplexing from DS1 to DS3; DS1 to DS0/vg.
 - (c) The location of the EIS Equipment, channel assignments, hub, type of service, interface and technical specifications, if appropriate.
- (5) For the DNAL Switched Access BSA, the customer shall specify:
- (a) the designated customer premises,
 - (b) the channel interface.
 - (c) the Access Line Arrangement of Access Trunk Arrangement to be associated with the DNAL.
- (6) For ALA or Feature Group A Lines, the customer shall specify:
- (a) the number of lines and the first point of switching (i.e., dial tone office),
 - (b) the directionality of the service and the Switched Transport options and Switching options desired,
 - (c) whether the off-hook supervisory signaling is provided by the customer's equipment before the called party answers, or is forwarded by the customer's equipment when the called party answers,
 - (d) which lines are to be arranged in multiline hunt group arrangements and which lines are to be provided as single lines.
- (7) For ATA950, ATANEA and ATAXXX or Feature Group B, C and D Trunks, the customer shall specify:
- (a) the number of trunks and the end office when direct routing to the end office is desired, or the access tandem switch when routing is desired via an access tandem switch, and the desired Switched Transport and Local Switching options,
 - (b) When ordering ATA950, ATANEA, ATAXXX or FGB, FGC, or FGD trunks to an access tandem, the customer has the option to provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office subtending the access tandem to assist the Telephone Company in its own efforts to project further facility requirements,
 - (c) the customer is responsible to assure that sufficient access facilities have been ordered to handle its traffic,
 - (d) the traffic type using the same categories as described in 6.1.1(C) following, to enable efficient provisioning and billing functions.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service5.2 Access Order (Cont'd)

For Feature Group D or Access Trunk Arrangement 10XXX Switched Access Service with Common Channel Signaling Access Capability (CCSAC), the customer shall work cooperatively with the Telephone Company to determine the number of SS7 Signaling Connections the customer must order to handle its signaling traffic. The customer shall reference existing SS7 Signaling Connections or related Signaling Connection orders. The customer must also provide any CCSAC Common Switching optional features.

For Feature Group D or Access Trunk Arrangement IOXXX trunks ordered with SS7 signaling, the customer shall provide STP point codes, switching point codes, trunk circuit identification codes and switch type.

For SS7 Signaling Connections, the customer shall specify the level of diversity in its network, as defined in Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. Customers who specify signaling point of interface premises where utilities meeting these requirements do not exist have the option of ordering Special Construction out of Pacific Bell's Tariff F.C.C No. 129.

CCSAC Testing requirements are as described in section 6.1.7 following.

All orders for CCSAC and SS7 Signaling Connections will be provisioned on negotiated service intervals.

For 500 Access Service, a Feature Group D or Access Trunk Arrangement customer shall order the service in the same manner as set forth in 6.2.5 following. The customer must specify on the access order one of the three calling options (1+ 500, 0+ 500 or ' both), when placing an order for 500 Access Service on existing or new trunks. All 500 number assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

(This page filed under Transmittal No. 1)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service5.2 Access Order (Cont'd)

For Toll Free or 900 Access Service, the customer shall order in the same manner which is set forth preceding for ordering ATAXXX or Feature Group D. Additionally, for 900 Access Service, when new NXX(S) are to be opened in the entire LATA or market area or when existing NXX (s) are to be deleted, and such change is to occur coincident with the service date established for the order, the customer shall provide such information when placing the order for service. Customer assigned NXX codes which have not been ordered will be blocked. If the change is to occur absent the requirement for additional capacity (i.e., busy hour minutes of capacity or quantities of trunks), the customer shall notify the Telephone Company of the change as set forth in 6.6.1 following.

All 900 number assignments and administration shall be in accordance with the North American Numbering Plan (NANP). All Toll Free number assignments and administration will be performed by the Toll Free Access Service Management System (SMS).

Special Access Service may be ordered for connection with an ALA, ATA, FGA, FGB, FGC or FGD Switched Access Service at Telephone Company designated WATS Serving offices (WSOs) for the provision of WATS or WATS-type Services and may be ordered separately by a customer other than the customer which orders the ALA, ATA, FGA, FGB, FGC or FGD Switched Access Service. For the Special Access Service the customer shall specify the customer designated premises at which the Special Access Service terminates, the type of line (i.e., two-wire or four-wire), the type of calling (i.e., originating, terminating, or two way) and the type of Supervisory Signaling. When the optional screening, switching and/or recording functions are not provided at the customer serving wire center, Channel Mileage, as set forth in 7.2.1 following, must be ordered between that wire center and the nearest WSO where the screening, switching and/or recording functions can be provided.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

- For Directory Assistance Service, the customer shall specify which ATA or Feature Group B, C or D Switched Access Service trunk group is to be associated with the Directory Assistance Service. The customer then specifies the Directory Transport options.
- For originating 1+ or 011+ Sent-Paid traffic from a Telephone Company pay telephone, the customer must specify the equal access end offices they want to serve. The customer will determine the number of trunks and the routing, either direct or to the coin tandem, when ordering Exchange Access Operator Service System (EAOSS) trunks. When ordering Modified Operator Services (MOS) trunks, the customer will determine the number of direct trunks from each designated equal access end office to their specified locations. MOS trunks are not provisioned via the access or coin tandems. The customer is responsible for providing all other operator services signaling capabilities, as described in the Pacific Bell Network Interface Document PUB L-780085-NB

(B) The following applies when placing an order for Special Access Services:

- For all Special Access Services, the customer must specify the customer designated premises or hubs involved, the type of service (e.g., Voice Grade, High Capacity, etc.), the channel interface, technical specification package and optional features and functions desired. For multipoint services, the channel interface at each premises may, at the request of the customer, be different but all such interfaces shall be compatible.
- For WATS Access Line Service, the customer must also specify the type of calling (i.e., originating only, terminating only or two way calling) for which the service is to be provided. Additionally, when the wire center which serves the customer premise is not a WATS serving office, the Telephone Company will provide the service to the nearest wire center where the screening function exists. In these circumstances, the customer will be so notified and the order will be changed to designate the appropriate premises. No service order change charge will apply.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

Where the Special Access Service is exempt from the Special Access Surcharge, as set forth in 7.3 following the customer shall furnish with the order the certification as set forth in 7.3.3 following.

(C) The following applies when placing an order for TIPToP Service:

The TIPToP Customer shall specify the number of one-way and two-way port interfaces and the access tandem where the service is desired. The minimum initial order quantity must match the quantity as defined in section 24.1(B)(1)(h). Subsequent orders for port interfaces must use existing facilities when spare capacity is available on those facilities.

When choke trunks are required to a separate choke tandem, the quantity of port interfaces required will be determined by the TIPToP Customer using the table in section 24.1(B)(1)(e).

TIPToP one-way and two-way port interfaces require the TIPToP Customer to provide a minimum of one Local Routing Number (LRN) per LATA prior to provisioning of the customer's order. Changes to any order to update LRNs associated with that order will incur applicable access order modification charges as defined in Section 5.2.2. LRNs associated with other services cannot be used for the TIPToP service.

(C)
|
(C)

The TIPToP Customer must provide an Access Carrier Name Abbreviation (ACNA).

The TIPToP Customer must provide the Access Customer Terminal Location (ACTL) and the Common Language Location Identifier (CLLI) for every IP Gateway and every Customer's IP-VIS Dedicated location used in conjunction with TIPToP service in each LATA where service is ordered.

The TIPToP Customer must identify all NPA-NXXs for which they are the code owner at the time of order. Subsequent acquisitions of NPA-NXXs must be reported to the Telephone Company within thirty (30) days of acquisition.

(This page filed under Transmittal No. 111)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

(N)

5.2 Access Order (Cont'd)(D) Shared Network Arrangement⁽¹⁾

A Shared Network Arrangement is a service offering that enables a customer (the "Service User") to connect subtending services to the multiplexed service of another customer (the "Host Subscriber"), with the Telephone Company maintaining separate records and billing for each. Each customer will be billed for those rate elements associated with their own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User obtains subtending circuits from a Host's multiplexed service.

Under the Shared Network Arrangement, the Telephone Company may share record information with the Host Subscriber pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the Telephone Company as is necessary to perform billing reconciliations and/or functions required in connection with maintaining account records.

(1) Establishing a Shared Network Arrangement

When establishing Special Access Service or Switched Access Service under a Shared Network Arrangement, the Host Subscriber and the Service User must coordinate with each other the design, testing and maintenance of the service; additionally, the Service User must provide to the Telephone Company the Connecting Facility Assignment (CFA) and the High Capacity Billing Account Number (HBAN) of the Host Subscriber. Upon receipt of a letter of authorization for a Shared Network Arrangement from the Host Subscriber, the Telephone Company will undertake to connect the Service User's circuits to the Host's service, and to establish and maintain separate billing for the Service User's portion of the service.

(a) Cascading Shared Network Arrangement

In the event that the Service User is requesting a subtending circuit from a Host Shared Network Arrangement with a third-party Host (a Cascading Shared Network Arrangement), the Service User must also obtain and provide to the Telephone Company the appropriate HBAN and CFA of the third-party Host, in order to identify the complete circuit for purposes of maintenance and testing continuity. In a Cascading Shared Network Arrangement, it is the third-party Host's responsibility to notify the Host Subscriber of the Cascading Service User and provide them with the Cascading Service User contact information prior to the third-party Host's Shared Network Arrangement with the Cascading Service User.

(1) This regulation only applies to customers purchasing Shared Network Arrangement after 05/26/06.

(N)

(This page filed under Transmittal No. 128)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)(D) Shared Network Arrangement⁽¹⁾ (Cont'd)(1) Establishing a Shared Network Arrangement (Cont'd)(a) Cascading Shared Network Arrangement (Cont'd)

The Service User (including a Cascading Service User) will have Special Access Service under the Shared Network Arrangement, as long as (1) the applicable letter of authorization establishing the Service User's rights to participate in the Shared Network Arrangement has not been withdrawn by the Host Subscriber (or third-party Host), and (2) the Host Subscriber maintains the Shared Network Arrangement.

(2) Disconnects and Modifications of the Shared Network Arrangement

The Host Subscriber of the Shared Network Arrangement can disconnect or modify (groom) the Shared Network Arrangement by following the steps outlined in 5.2(D)(2)(a), below.

(a) Disconnects of SNA

The Host Subscriber can disconnect the Shared Network Arrangement and the Special Access Services under Shared Network Arrangement, but only if the following requirements are met:

- (1) Written notification is provided to all Service Users (including Cascading Service Users) at least 30 days prior to the Host Subscriber issuing the Access Service Request for the disconnection of service; and
- (2) The Telephone Company has been provided a copy of all Service User notifications.

The Service User (including a Cascading Service User) shall submit a request to disconnect their Special Access Service in accordance with the Host Subscriber's (or third-party Host's) written notification. However, if any Service User does not submit a request to disconnect their Special Access Service under the Shared Network Arrangement within 30 days of receiving such notification, the Service User grants the Host Subscriber the right to disconnect the Service User's Special Access Service in accordance with the written notification, and the Telephone Company will have no liability to the Service User as a result of such disconnection.

Billing for services and facilities will continue until a disconnect request(s) for the Special Access Services has been processed by the Telephone Company.

The Service User (including a Cascading Service User) is responsible for any applicable early termination fees associated with the disconnection of its Special Access Service under the discontinued Shared Network Arrangement.

- (1) This regulation only applies to customers purchasing Shared Network Arrangement after 05/26/06.

(This page filed under Transmittal No. 128)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)(D) Shared Network Arrangement⁽¹⁾ (Cont'd)(2) Disconnects and Modifications of the Shared Network Arrangement
(Cont'd)(b) Grooming Special Access Service under SNA

The Host Subscriber can modify (groom) Special Access Services under a SNA, but only if the following requirements are met:

- (1) Written notification is provided to all Service Users (including a Cascading Service User) 30 days prior to issuing the Access Service Request for the modification; and
- (2) The Telephone Company is provided a copy of all Service User notifications.

The Service User (including a Cascading Service User) shall submit a request to modify (groom) its Special Access Service in accordance with the Host Subscriber's written notification. However, if any Service User does not submit a request to groom their Special Access Service under the Shared Network Arrangement within 30 days of receiving such notification, the Service User grants the Host Subscriber the right to issue the order for the grooming in accordance with the written notification, and the Telephone Company will have no liability to the Service User as a result of such orders. The Service User will be responsible for all Telephone Company fees and charges, including changes to the Service User's recurring charges resulting from the Host Subscriber's modification to the Shared Network Arrangement.

(1) This regulation only applies to customers purchasing Shared Network Arrangement after 05/26/06.

(This page filed under Transmittal No. 128)

(N)

(N)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.1 Access Order Service Date

(A) The Telephone Company will provide the Access Service in accordance with the customer's requested service date, subject to the following conditions:

(M)

- (1) The Telephone Company shall make available to all customers, upon request, a schedule of applicable service intervals for Switched and Special Access Services. The schedule shall specify the applicable service interval for services and the quantities of services that can be provided by a requested service date. Any associated material will be provided upon request and within a reasonable period of time.

(M)

The Telephone Company will not accept orders for service dates which exceed the applicable service date by more than six months.

All part-time Video and Program Audio services are subject to a service inquiry. A service inquiry is a request to the Telephone Company to determine if facilities exist to provide the service ordered and to determine the service date on which service can be provided to the customer.

Access Services will be installed during Telephone Company business days. If a customer requests that installation be done outside of scheduled work hours, and the Telephone Company agrees to this request, the customer will be subject to applicable Additional Labor Charges as set forth in 13.2.6(A) following.

Certain material appearing on this page previously appeared on Original Page 5-11.

(This page filed under Transmittal No. 81)

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Effective: November 25, 2004

One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access Order Modifications

The customer may request a modification of its Access Order prior to the service date. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer. If the customer still desires the Access Order modification, the Telephone Company will schedule a new service date. All charges for Access Order modifications will apply on a per occurrence basis.

Any increase in the number of Special Access Service channels or Switched Access Service lines, trunks, or SS7 Signaling Connections will be treated as a new Access Order (for the increased amount only).

If order modifications are necessary to satisfy the transmission performance for a Special Access Service ordered by a customer, these changes will be made without order modification charges being incurred by the customer.

(A) Service Date Change Charge/Dispatch Charge

(C)

The customer may request a change of the confirmed due date on a pending Access Order prior to the confirmed due date. A change of the confirmed due date is a change of the scheduled service date by the customer to either an earlier date or a later date which does not exceed 30 calendar days from the original service date.

(T)

(This page filed under Transmittal No. 30)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access Order Modifications (Cont'd)(A) Service Date Change Charge/Dispatch Charge (Cont'd) (C)

If the Telephone Company determines that the customer's request can be accommodated without delaying the service dates for orders of other customers, the service date will be changed and the Service Date Change Charge applied to the order. (T)
(T)
(T)

If the service date is changed to an earlier date, and the Telephone Company determines additional labor or extraordinary costs are necessary to meet the earlier service date requested by the customer, the customer will be notified by the Telephone Company that Expedited Order Charges as set forth in (D) following apply. Such charges will apply in addition to the Service Date Change Charge. (T)
(T)

If the requested service date exceeds 30 calendar days following the original service date, and the Telephone Company determines that the customer's request can be accommodated, the Telephone Company will cancel the original order and apply the Cancellation Charges as set forth in 5.2.3 following. A new Access Order with the new service date will be issued. The Service Date Change Charge will not apply. (T)
(T)

If the service date is changed due to a Design Change as set forth in (C) following, the Service Date Change Charge will apply. (T)
(T)

Failure to notify, as noted below, the Telephone Company prior to the original service date to request a different service date will result in the application of a Service Date Change Dispatch Charge for installation, moves and rearrangement of services. If a Telephone Company technician is dispatched to the customer's premises on the scheduled service date and the customer is not ready to accept service or the customer has failed to notify the Telephone Company before 3:00PM (PT) on the business day prior to the scheduled service date that the service date needs to be changed, a Service Date Change Dispatch Charge will apply. (N)

If the customer reschedules the service date, a Service Date Change Charge, as set forth following will also apply. If the customer cancels the service date, cancellation charges will also apply in accordance with terms and conditions for cancellation charges as set forth in 5.2.3 following. Cancellation of the order will not preclude the application of the Service Date Change Charge and/or the Service Date Change Dispatch Charge assessed for prior occurrences on the same order. (N)

(This page filed under Transmittal No. 30)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access Order Modifications (Cont'd)(A) Service Date Change Charge/Dispatch Charge (Cont'd)

A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. A Service Date Change Dispatch Charge will apply per occurrence when a technician is dispatched to the customer's premises and the customer is not ready for service. The applicable charge is:

	<u>USOC</u>	<u>Charge</u>
Service Date Change Charge, per order	OMC	\$26.50
Service Date Change Dispatch Charge, per occurrence	VT6DN	\$200.00

(B) Partial Cancellation Charge

Any decrease in the number of ordered Switched Access Service, Special Access Service (as applicable in Section 5.2.3), SS7 Signaling Connection will be treated as a partial cancellation and the charges as set forth in 5.2.3(B) following will apply.

(T)
(T)(C) Design Change Charge

The customer may request a design change to the service ordered. A design change is any change to an Access order which requires engineering review. An engineering review is a review by Telephone Company personnel, of the service ordered and the requested changes to determine what changes in the design, if any, are necessary to meet the changes requested by the customer. Design changes include such things as the addition or deletion of optional features or functions or a change in the type of Transport Termination (Switched Access only), type of channel interface, type of Interface Group or technical specifications.

(This page filed under Transmittal No. 64)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access order modifications (Cont'd)(C) Design Change Charge (Cont'd)

Design changes do not include a change of customer designated premises, end office switch, Basic Service Arrangement, Feature Group type, Switched Transport type and capacity or Special Access Service channel type. Changes of this nature will require the issuance of a new order and the cancellation of the original order with appropriate cancellation charges applied.

The Telephone Company will review the requested change, notify the customer whether the change is a design change, if the change can be accommodated and if a new service date is required. If the customer authorizes the Telephone Company to proceed with the design change, a Design Change Charge will apply in addition to the charge for Additional Engineering as set forth in 13.1 following. If a change of service date is required, the Service Date Change Charge as set forth in (A) preceding will also apply.

(T)

(T)

The Design Change Charge will apply on a per order per occurrence basis, for each order requiring a design change. The applicable charge is:

	<u>USOC</u>	<u>Charge</u>
Design Change Charge, per order	H28	\$60.00

(This page filed under Transmittal No. 30)

Issued: February 3, 2003

Effective: February 18, 2003

One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access Order Modifications (Cont'd)(D) Expedite Charges

- (1) DS0 (Digital Data), Fractional DS1, Entrance Facilities (Voice Grade, DS1, DS3), High Capacity (DS1, DS3) Access Services, OC-3 and OC-12 Point-to-Point Services (N)
(N)

If a customer desires that service be provided on a due date earlier than the standard interval, the customer may request that service be provided on an expedited service interval. To qualify for an expedited interval the customer must provide End User premises access, where needed, until 11PM (PT), Monday-Friday.

When the customer requests a 0-2 day expedite interval, on DS3, Analog (Metallic, Telegraph, Direct Analog, Wideband Analog), DS0 (Wideband Data, Base Rate), DS1 128, 256, 384, 512, 768 Kbps, Entrance Facilities (Voice Grade, DS1, DS3) and DS1/DS3 Access Service, the request must be received by the Telephone Company by 8:30AM (PT), Monday-Friday. All 0-2 day expedite interval requests received after 8:30AM (PT) will reflect an application date of the next business day and the due date will also be changed to the next business day. Expedite charges will be determined by the interval between the application date and the expedite due date. (C)
(N)

On OC-3/OC-12 Point-to-Point services when a customer request a 4, 5, or 6 day expedite the request must be received by the Telephone Company no later the 8:30AM (PT) Monday-Friday. If received after 8:30AM (PT) the order will reflect an application date of the next business day and the due date will also be changed to the next business day. Expedite charges will be determined by the interval between the application date and the expedite due date. (N)

If, upon reviewing availability of equipment, facilities and scheduled workload, the Telephone Company agrees to provide service on an expedited basis and the customer accepts this proposal, an Expedite Order Charge (in case of DS0, Fractional DS1, Voice Grade/DS1 Entrance Facilities and High Capacity DS1 Access Services) or Expedite Circuit Charge (in case of DS3 Entrance Facilities, High Capacity DS3 Access Services, OC-3 and OC-12 Point-to-Point Services) will apply. (N)

The maximum number of circuits, which may be expedited, is limited to twelve (12) two-point or six (6) multi-point Analog/DS0 circuits at the same location; a limit of nine (9) DS1 circuits at the same location; a limit of four (4) Fractional DS1 circuits at the same location; a limit of two (2) DS3 circuit at the same location; a limit of one (1) OC-3 point-to-point circuit at the same location; and a limit of one (1) OC-12 point-to-point circuit at the same location. When the number of access circuits exceeds the maximum threshold the interval will be negotiated. (N)
(N)
(N)

If the Telephone Company determines that service can be provided on an expedited basis, the following charges will apply based upon agreed upon expedited service interval. The Expedited Order Charge (in case of DS0, Fractional DS1, Voice Grade/DS1 Entrance Facilities and High Capacity DS1 Access Services) applies on a per order basis, regardless of the number of circuits. The Expedited Circuit Charge (in case of DS3 Entrance Facilities, High Capacity DS3 Access Services, OC-3 and OC-12 Point-to-Point Services) applies on a per circuit basis. (N)
(N)

(This page filed under Transmittal No. 109)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access Order Modifications (Cont'd)(D) Expedite Charges (Cont'd)

(1) DS0 (Digital Data), Fractional DS1, Entrance Facilities (Voice Grade, DS1, DS3), High Capacity (DS1, DS3) Access Services, OC-3 and OC-12 Point-to-Point Services (Cont'd)

(N)

USOC	Analog/Voice Grade/DS0 Access Services	
	Expedited Service Intervals	Expedited Order Charge
EODXN	9 days	\$375.00
EODXL	8 days	\$425.00
EODXJ	7 days	\$475.00
EODXG	6 days	\$525.00
EODXE	5 days	\$575.00
EODXC	4 days	\$625.00
EODXA	3 days	\$675.00
EODWR	2 days	\$1,500.00
EODWQ	1 day	\$2,000.00
EODWP	0 days	\$2,500.00

USOC	DS1/Fractional DS1 Access Services	
	Expedited Service Intervals	Expedited Order Charge
EODXV	6 days	\$525.00
EODXT	5 days	\$575.00
EODXR	4 days	\$625.00
EODXP	3 days	\$675.00
EODW0	2 days	\$1,500.00
EODWN	1 day	\$2,000.00
EODWM	0 days	\$2,500.00

USOC	High Capacity DS3 Access Services	
	Expedited Service Intervals	Expedited Circuit Charge
EODWL	6 days	\$1,500.00
EODWK	5 days	\$2,000.00
EODWJ	4 days	\$2,500.00
EODWH	3 days	\$3,000.00
EODWG	2 days	\$3,500.00
EODWF	1 day	\$4,000.00
EODWE	0 days	\$4,500.00

(M)

(M)

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access Order Modifications (Cont'd)(D) Expedite Charges (Cont'd)

- (1) DS0 (Digital Data), Fractional DS1, Entrance Facilities (Voice Grade, DS1, DS3), High Capacity (DS1, DS3) Access Services, OC-3 and OC-12 Point-to-Point Services (Cont'd)

USOC	OC-3 Point-to-Point Services	
	Expedited Service Intervals	Expedited Circuit Charge
EODJG	6 days	\$1,900.00
EODJF	5 days	\$2,500.00
EODJE	4 days	\$3,200.00

USOC	OC-12 Point-to-Point Services	
	Expedited Service Intervals	Expedited Circuit Charge
EODJO	6 days	\$2,400.00
EODJN	5 days	\$3,200.00
EODJM	4 days	\$4,000.00

- (a) In addition to Expedited Order Charges or Expedite Circuit Charges, special construction charges may apply, if the Telephone Company determines that additional cost will be incurred.
- (b) When the request for expediting occurs subsequent to the issuance of the Access Order, a Service Date Change Charge as specified in (A), preceding, also applies.
- (c) If the Telephone Company is subsequently unable to meet an agreed upon expedited service date, no Expedite Order Charge or Expedite Circuit Charge will apply, unless the missed service date was caused by the customer.
- (d) The Telephone Company will adhere to the expedite intervals as specified above, except during circumstances beyond its direct control (i.e., acts of God, governmental requirements, work stoppages and civil commotions).

(x)

(x)

(x) Issued under authority of Special Permission No. 06-038 of the F.C.C., on less than statutory notice, to remove material filed under Transmittal No. 145 without its becoming effective.

(This page filed under Transmittal No. 146)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.2 Access Order Modifications (Cont'd)(D) Expedite Charges (Cont'd)

- (2) For all Access Services, excluding DS0 (Digital Data), Fractional DS1, Entrance Facilities (Voice Grade, DS1, DS3), High Capacity (DS1, DS3) Access Services, OC-3 and OC-12 Point-to-Point Services (Cont'd)

(N)
(N)

If the customer desires that service be provided on an earlier date than that which has been established for the access order or the provision of the Access Service, the customer may request that service be provided on an expedited basis.

If the Telephone Company determines that service can be provided on the requested date and that additional labor costs or extraordinary costs are required to meet the requested service date, the customer will be notified and will be provided with an estimate of the additional charges involved. The total charge to the customer for the Additional Engineering may not exceed the estimated amount by more than 10%. If the customer instructs the Telephone Company to proceed, such additional charges will be determined and billed to the customer as follows:

To calculate the additional labor charges, the Telephone Company will, upon authorization from the customer to incur the additional labor charges, keep track of the additional labor hours used to meet the request of the customer and will bill the customer at the applicable additional labor charges as set forth in 13.2.6(A) following.

- (a) Extraordinary Costs: The special construction terms and conditions specified in Pacific Bell's Tariff F.C.C. No. 2 will be used by the Telephone Company to determine charges to recover the extraordinary costs which may be involved. Authorization to incur the costs and to bill the customer will be in accordance with the terms and conditions of Pacific Bell's Tariff F.C.C. NO. 2.
- (b) When the request for expediting occurs subsequent to the issuance of the Access Order, a Service Date Change Charge as set forth in (A) preceding also applies.
- (c) If the Telephone Company is subsequently unable to meet an agreed upon expedited service date, no Expedite Order Charge or Expedite Circuit Charge will apply, unless the missed service date was caused by the customer.
- (d) The Telephone Company will adhere to customer requested expedites approved by the Telephone Company, except during circumstances beyond its direct control (i.e., acts of God, governmental requirements, work stoppages and civil commotions).

(This page filed under Transmittal No. 109)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (excluding the following Special Access Services: Gigabit Ethernet Metropolitan Area Network (GigaMAN), Multi-service Optical Network (MON) Ring Service, Optical Carrier Network (OCN) Point-to-Point Service)(C)
|
(C)

(A) A customer may cancel an Access Order for the installation of service on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days. If a customer or a customer's end user is unable to accept Access Service within 30 calendar days after the original service date, the customer has the choice of the following options:

- The Access Order shall be cancelled and charges set forth in (B) following will apply, or
- Billing for the service will commence.

In such instances, the cancellation date or the billing date, depending on which option is selected by the customer, shall be the 31st day beyond the original service date of the Access Order.

(B) When a customer cancels an Access Order for the installation of service, a Cancellation Charge will apply as follows:

(1) Installation of Switched or Special Access Service facilities is considered to have started when the Telephone Company incurs any cost in connection therewith or in preparation thereof which would not otherwise have been incurred.

(2) Where the customer cancels an Access order prior to the start of installation of access facilities, no charges shall apply.

(3) Where installation of access facilities has been started prior to the cancellation, the lesser of the charges specified in (a) or (b) following, shall apply except for Switched Access service. For Switched Access, (b) following will always apply.

(M)
|
(M)
(D)
(D)

Certain material appearing on this page previously appeared on 2nd Revised Page 5-19.

(This page filed under Transmittal No. 64)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

5.2.3 Cancellation of an Access Order (excluding the following Special Access Services: Gigabit Ethernet Metropolitan Area Network (GigaMAN), Multi-service Optical Network (MON) Ring Service, Optical Carrier Network (OCN) Point-to-Point Service) (Cont'd) (C)

(B) (Cont'd)

(3) (Cont'd)

(a) The charge for the minimum period of Switched or Special Access service (as applicable in this section) ordered by the customer. (Recurring and Nonrecurring charges) (T)

(b) The Cancellation Charge equals:
 - the number of business days from the access order application date through the access order cancellation date (i.e., the service interval)
 - multiplied by the average daily charge
 - plus the access order charge.

Notes:

(i) The service interval is the number of business days from the access order application date through the access order cancellation date with the application date being day one. Service installation costs incurred by the Telephone Company start on the application date

(ii) If the customer has requested a service date change beyond the original service date, the number of business days beyond the original service date are included in the service interval

(iii) Average daily charge equals installation charges plus rearrangement charges divided by the number of business days in the service interval.

(c) A separate charge will be assessed for Switched Transport (i.e., EF, DTT, TST) and Switched Access lines or trunks. (M)

(C) When a customer cancels an order for the discontinuance of service, no charges apply for the cancellation. (M)

Certain material previously appearing on this page now appears on 3rd Revised Page 5-18.
 Certain material appearing on this page previously appeared on 5th Revised Page 5-20.

(This page filed under Transmittal No. 64)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3 Cancellation of an Access Order (excluding the following Special Access Services: Gigabit Ethernet Metropolitan Area Network (GigaMAN), Multi-service Optical Network (MON) Ring Service, Optical Carrier Network (OCN) Point-to-Point Service) (Cont'd)

(D) If the Telephone Company misses a service date by more than 30 days due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the Access Order without incurring cancellation charges.

5.2.3.1 Cancellation of an Access Order (for the following Special Access Services: Gigabit Ethernet Metropolitan Area Network (GigaMAN), Multi-service Optical Network (MON) Ring Service, Optical Carrier Network (OCN) Point-to-Point Service)

Cancellation charges are applied based upon the type of special access service being cancelled which is categorized as either, 1) "point to point" service or 2) "non-point to point" service. However, at no time will cancellation charges apply until costs for installation of facilities have been incurred by the Telephone Company. Service installation costs incurred by the Telephone Company start on the application date, when the Telephone Company confirms the order with the customer.

Cancellation charges for "point to point" services are based upon the date that a customer cancels an Access Order with respect to the Design Layout Report Date (DLRD), of the service being provisioned, as described in Section 5.2.3.1(B)(2) following. The DLRD is the date the Design Layout Report is forwarded to the customer. The DLRD is provided to the customer upon firm order confirmation.

The table below defines the product categories for "point to point" services pertaining to this section:

"Point to Point" Services	
Service	Product Category/Type
OC-3 Optical Carrier Network-Point to Point Service	OC-3
OC-12 Optical Carrier Network-Point to Point Service	OC-12
OC-48 Optical Carrier Network-Point to Point Service	OC-48
OC-192 Optical Carrier Network-Point to Point Service	OC-192
GigaMAN	1Gig-E

Certain material appearing on this page previously appeared on 5th Revised Page 5-20.

(This page filed under Transmittal No. 64)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3.1 Cancellation of an Access Order (for the following Special Access Services: Gigabit Ethernet Metropolitan Area Network (GigaMAN), Multi-service Optical Network (MON) Ring Service, Optical Carrier Network (OCN) Point-to-Point Service) (Cont'd)

Cancellation charges for "non-point to point" services are applied based on actual costs incurred by the Telephone Company as described in Section 5.2.3.1(A)(2) and 5.2.3.1(B)(3)(b) following. The table below lists the "non-point to point" services pertaining to this section:

"Non-Point to Point" Services
Multi-service Optical Network Ring Service

(A) Cancellation of a letter of agreement

- (1) When facilities must be constructed prior to the Telephone Company receipt of an Access Order (e.g., construction of Multi-service Optical Network Ring where facility assignment is not yet available, due to lack of spare capacity), excluding special construction as described in Tariff F.C.C. No. 2, the customer will be required to submit a written letter of agreement to the Telephone Company which includes a maximum estimate as previously provided by the Telephone Company of the cancellation charges as defined at 5.2.3.1(A)(2). A customer may cancel a written letter of agreement. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the letter of agreement is to be cancelled. If verbal notice is given, it must be followed by written confirmation within 10 days or it shall be deemed to be void.

If a customer does not place an Access Order for the services within 30 days of receiving notification that the network is ready for the services ordered, the letter of agreement will be deemed cancelled.

- (2) When a customer cancels a letter of agreement, cancellation charges will apply as follows:
- (a) Installation of facilities is considered to have started when the Telephone Company incurs any cost in connection therewith or on preparation thereof which would not otherwise have been incurred.

(This page filed under Transmittal No. 64)

(N)

(N)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

(N)

5.2 Access Order (Cont'd)5.2.3.1 Cancellation of an Access Order (for the following Special Access Services: Gigabit Ethernet Metropolitan Area Network (GigaMAN), Multi-service Optical Network (MON) Ring Service, Optical Carrier Network (OCN) Point-to-Point Service) (Cont'd)

(A) Cancellation of a letter of agreement (Cont'd)

(2) (Cont'd)

(b) Where an Access Order has been issued, cancellation charges shall apply as indicated in Section 5.2.3.1(B) following.

(c) Applicable letter of agreement cancellation charges will be calculated from the costs incurred by the Telephone Company at the time the letter of agreement is cancelled. The cancellation charge equals:

- (i) Non-recoverable cost of equipment and material ordered, provided or used, and
- (ii) Non-recoverable cost of installation and removal including the cost of engineering, labor, supervision, transportation, rights-of-way and other associated costs.
- (iii) Less previously collected special construction charges, if applicable.

(B) Cancellation of Access Order

- (1) A customer may cancel an Access Order for installation of service. The Access Order must be cancelled at least one (1) day before the service date.

The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the order is to be cancelled. If verbal notice is given, it must be followed by written confirmation within 10 days or it shall be deemed to be void.

(N)

(This page filed under Transmittal No. 64)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3.1 Cancellation of an Access Order (for the following Special Access Services: Gigabit Ethernet Metropolitan Area Network (GigaMAN), Multi-service Optical Network (MON) Ring Service, Optical Carrier Network (OCN) Point-to-Point Service) (Cont'd)(B) Cancellation of Access Order (Cont'd)

(1) (Cont'd)

If a customer or customer's end user is unable to accept Access Service and the new service date requested is beyond 30 calendar days of the original service date, the customer has the choice of the following options:

(a) The Access Order shall be cancelled and charges specified in 5.2.3.1(B)(2) following will apply, or

(b) Service shall be accepted, and billing for the service will commence.

In such instances, the cancellation date or the billing date, depending on which option is selected by the customer, shall be the 31st day beyond the original service date of the Access Order. If the customer does not select one of the options, the Telephone Company will begin billing for the service on the 31st day beyond the original service date of the Access Order.

(2) When Cancellation Charges Apply

When a customer cancels an Access Order (or a part of an order) after it has been issued, but before notification by the Telephone Company that the service is available for use, cancellation charges will apply, even when nonrecurring installation charges would be waived, as follows:

(a) When a "point to point" special access service is cancelled on or before the Design Layout Report Date (DLRD), a cancellation charge will apply on a per circuit basis as shown in Table A in Section 5.2.3.1(B)(3)(a).

(This page filed under Transmittal No. 64)

(N)

(N)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3.1 Cancellation of an Access Order (for the following Special Access Services: Gigabit Ethernet Metropolitan Area Network (GigaMAN), Multi-service Optical Network (MON) Ring Service, Optical Carrier Network (OCN) Point-to-Point Service) (Cont'd)(B) Cancellation of Access Order (Cont'd)(2) When Cancellation Charges Apply (Cont'd)

(b) When a lower-speed "point to point" service (e.g., OC-3c OCN Point-to-Point Service) with a Connecting Facility Assignment (CFA) of a higher-speed "point to point" or "non-point to point" service (e.g., OC-12 OCN Point-to-Point Service) is cancelled, and a cancelled service has no channel termination or local distribution channel, a cancellation charge will apply on a per circuit basis as shown in Table A in Section 5.2.3.1(B)(3)(a).

(c) When a "point to point" service is cancelled after the Design Layout Report Date (DLRD), a cancellation charge will apply on a per circuit basis as shown in Table B in Section 5.2.3.1(B)(3)(a).

(3) Cancellation Charges(a) Point-to-point Services:

TABLE A Cancellation Charge	
Product Category/Type	Cancellation Charge (Per Circuit)
OC-3	\$600.00
OC-12	\$800.00
OC-48	\$1,200.00
OC-192	\$2,500.00
1Gig-E	\$800.00

(This page filed under Transmittal No. 64)

(N)

(N)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.3.1 Cancellation of an Access Order (for the following Special Access Services: Gigabit Ethernet Metropolitan Area Network (GigaMAN), Multi-service Optical Network (MON) Ring Service, Optical Carrier Network (OCN) Point-to-Point Service) (Cont'd)(B) Cancellation of Access Order (Cont'd)(3) Cancellation Charges (Cont'd)(a) Point-to-point Services: (Cont'd)

TABLE B Cancellation Charge	
Product Category/Type	Cancellation Charge (Per Circuit)
OC-3	\$2,900.00
OC-12	\$3,100.00
OC-48	\$3,700.00
OC-192	\$4,000.00
GigaMAN	\$3,200.00

(b) Non-point-to-point services:

Applicable charges will be calculated from the costs incurred by the Telephone Company at the time the Access Order is cancelled. The Cancellation Charge equals:

- (i) Non-recoverable cost of equipment and material ordered, provided or used, and
- (ii) Non-recoverable cost of installation and removal including the cost of engineering, labor, supervision, transportation, rights-of-way and other associated costs.

(This page filed under Transmittal No. 64)

(N)

(N)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)

5.2.3.1 Cancellation of an Access Order (for the following Special Access Services: Gigabit Ethernet Metropolitan Area Network (GigaMAN), Multi-service Optical Network (MON) Ring Service, Optical Carrier Network (OCN) Point-to-Point Service) (Cont'd)

(B) Cancellation of Access Order (Cont'd)(4) When Cancellation Charges Do Not Apply

- (a) When a customer cancels an order for the termination of existing service.
- (b) If the Telephone Company misses a service date by more than 30 days, the customer may cancel the Access Order without incurring cancellation charges.
- (c) Where the customer cancels a letter of agreement prior to the start of installation of access facilities.
- (d) Network reconfiguration order.

(N)

(N)

(This page filed under Transmittal No. 64)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.4 Selection Of Facilities For Access Orders

- (A) When there are High Capacity facilities to a hub on order or in service for the customer's use, the customer must request a specific channel or transmission path be used to provide the Switched or Special Access Service requested in an Access Order. The Telephone Company will make a reasonable effort to accommodate the customer request.
- (B) For all other Access Orders, the option to request a specific transmission path or channel is not provided except as provided for under Special Facilities Routing as set forth in 11. following.

5.2.5 Minimum Period

- (A) Except as set forth in (B) and 9.4(A) following, the minimum period for which Access Service is provided and for which charges are applicable, is one month.
- (B) The minimum period for part-time Video and Program Audio Special Access Services is one day even though the service will be provided only for the duration of the event specified on the order (e.g., one-half hour, two hours, five hours, etc.).

Material previously appearing on this page now appears on 3rd Revised Page 5-19 and 2nd Revised Page 5-19.1.

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access order (Cont'd)5.2.5 Minimum Period (Cont'd)

(C) Service Rearrangements as set forth in 6.7.1 and 7.2.2 following for Switched and Special Access Services respectively, may be made without a change in minimum period requirements.

(D) Changes other than those identified in 6.7.1, 6.7.4 and 7.2.2 following will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service. A new minimum period will be established for the new service. The customer will also remain responsible for all outstanding minimum period obligations associated with the disconnected service.

The changes listed below are those which will be treated as a discontinuance and installation of service for which a new minimum period will be established.

- (1) A move to a different building as set forth in 6.7.5 and 7.2.3 following.
- (2) A change in type of service (i.e., Switched Access to Special Access, one type of Special Access to another, or one type of Switched Access Service to another, except as set forth in 6.7.4 following)
- (3) A change in the type of Special Access Service Channel Termination.
- (4) A change in Switched Access Service or Directory Assistance Service Interface Group as set forth in 15.1 following.
- (5) Change in Switched Access Service traffic type as set forth in 6.1.1(E)(1) following.
- (6) Change in Switched Access Service capacity (i.e., DS1 to DS3).
- (7) Change from two-point to multipoint Special Access Service or from multipoint to two-point Special Access Service.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.6 Minimum Period Charges

When Access Service is disconnected prior to the expiration of the minimum period, charges are applicable for the balance of the minimum period. A disconnect constitutes facilities being returned to available inventory.

The Minimum Period Charge for monthly billed services will be determined as follows:

- (A) For Switched Access Service, the charge for a month or fraction thereof is equal to the applicable recurring plus any nonrecurring charges as set forth in 6.7.3 following and/or special construction charges(s) that may be due.
- (B) For Special Access Service, the charge for a month or fraction thereof is the applicable monthly rates for the appropriate channel type plus any optional features, nonrecurring charges, as set forth in 7.5 through 7.11 following and/or special construction charge(s) that may be due.

The Minimum Period Charge for part-time Video and Program Audio Services is the applicable daily rate for the appropriate channel type as set forth in 7.8 and 7.9 following.

5.2.7 Shared Use Facilities

Shared Use (i.e., Switched and Special Access Services provided over the same analog or digital high capacity facilities) is allowed. Shared use facilities to a Hub will be ordered and provided as Special Access Service only. While shared use is allowed, individual services utilizing these facilities must be ordered either as Switched Access Service or Special Access Service depending on the intended use. When placing the order for individual service(s), the customer must specify a channel assignment for each service ordered. Rate Regulations for Shared Use facilities are set forth in 6.7.12 and 7.2.7 following.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.8 Available Inventory

Available inventory is limited and does not include facilities previously ordered. The Telephone Company will make every reasonable effort to maintain sufficient available inventory to provide Access Service in accordance with customers' requested service date intervals. To the extent that service can be provided, Access Orders will be satisfied from available inventory.

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.9 Access Orders For Services Provided By More Than One Exchange Telephone Company

- (A) Access Services provided by more than one Telephone Company are services where one end of the Switched Transport, Directory Transport or Channel Mileage element is in the operating territory of one Telephone Company and the other end of the element is in the operating territory of a different Telephone Company.

The ordering procedure for this service is dependent upon the billing arrangement, as set forth in 2.4.8 preceding, to be used by the Telephone Companies involved in providing the Access Service. The ordering and design arrangements will be consistent with the provisions contained in this section and the ordering and Billing Forum standards, Multiple Exchange Carrier Access Billing (MECAB) and Multiple Exchange Carrier Ordering and Design (MECOD). The Telephone Company will notify the customer which of the ordering procedures will apply.

(1) Non Meet Point Billing(a) Single Company Billing ordering

The company where the first point of switching is located shall accept the order for ALA, ATA950, FGA and FGB service. The other company involved shall also receive a copy of the order from the customer.

The Telephone Company receiving the order from the customer will arrange to provide the service and bill the customer as set forth in 2.4.8(A)(1)(a). The customer will place the order with the Telephone Company as follows:

(This page filed under Transmittal No. 1)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.9 Access Orders For Services Provided By More Than One
Exchange Telephone Company (Cont'd)

(A) (Cont'd)

(1) Non Meet Point Billing (Cont'd)(a) Single Company Billing Ordering (Cont'd)

- (i) For Switched Access Services the customer will place the order with the Telephone Company in whose territory the first point of switching is located. The first point of switching is:

- ALA or FGA - dial tone office

When the first point of switching is not in the same Telephone Company's territory as the Interexchange Carrier premises, the customer must supply a copy of the order to the Telephone Company in whose territory the Interexchange Carrier premises is located.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.9 Access Orders For Service Provided By More Than One
Exchange Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing Ordering

Each Telephone Company will provide its portion of the Access Service within its operating territory to an interconnection point(s) (IP) with the other Telephone Company(s). The interconnection point(s) Billing Percentages will be determined by the Telephone Companies involved in providing the Access Service and listed in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. Each Telephone Company will bill the customer for its portion of the service as set forth in 2.4.8(A)(2). All other appropriate charges in each Telephone Company tariff are applicable.

- (a) For FGA and FGB or ALA and ATA950 Switched Access Services, the customer must place an order with the Telephone Company in whose territory the first point of switching is located, (i.e., FGA or ALA - dial tone office, FGB or ATA950 - access tandem or end office).
- (b) For FGC and FGD or ATANEA and ATAXXX Switched Access Services, the customer must place an order with the Telephone Company in whose territory the end office is located. Customers may, at their option, order FGD to the access

(This page filed under Transmittal No. 1)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)5.2 Access Order (Cont'd)5.2.9 Access Orders For Services Provided By More Than One Exchange Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing Ordering

(b) (Cont'd)

tandem. When ordered to the access tandem, and the access tandem and the end office are not in the same Telephone Company operating territory, the customer must also supply a copy of the order to each additional Telephone Company subtending the access tandem.

(c) Customers ordering Special Access Service to be interconnected with Switched Access Services at Telephone Company designated WATS Serving Offices for the provision of WATS or WATS-type Services must place an order with each Telephone Company in whose territory the end office and the WATS Serving Office are located, if they are not collocated.

(d) Except for Special Access Service as set forth in (c) above or as set forth in (e) below, the customer may place the order for a Special Access Service with either Exchange Telephone Company.

(e) For Special Access Service involving a hub(s) the customer must place the order with the Telephone Company in whose territory the hub(s) is located.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

5. Ordering Options for Switched and Special Access Service (Cont'd)

5.2 Access Order (Cont'd)

5.2.9 Access Orders For Services Provided By More Than One Exchange Telephone Company (Cont'd)

(A) (Cont'd)

(2) Meet Point Billing Ordering (Cont'd)

- (f) For Directory Assistance Service, the customer must place an order with the Telephone Company in whose territory the Directory Assistance Location is located.

For the service(s) ordered as set forth preceding, the customer must also supply a copy of the order to the Telephone Company in whose operating territory a customer designated premises is located and any other Telephone Company(s) involved in providing the service.

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ACCESS SERVICE

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ACCESS SERVICE

6. Switched Access Service6.1 General

Switched Access Service is available to customers for their use in furnishing their services to End Users. Switched Access Services may not be used as substitutes for the Telephone Company's Local and/or general exchange services. Switched Access Service provides for the ability to originate calls from an End User's premises to a customer designated premises, and to terminate calls from a customer designated premises to an End User's premises in the LATA where it is provided. Specific references to material describing the elements of Switched Access Service are provided in 6.1.2 and 6.2 following.

Rates and charges for Switched Access Service are set forth in 6.8 following. Rates and charges for Switched Access/Dedicated Transport are set forth in Section 6.8 following, with the exception of the services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. The rates and charges for the Switched Access/Dedicated Transport services in the MSAs that have received Phase II pricing flexibility are set forth in Section 22.

(N)
|
(N)

The application of rates for Switched Access Service is described in 6.7 following. Rates and charges for services other than Switched Access Service, e.g., a customer's interLATA toll message service, may also be applicable when Switched Access Service is used in conjunction with these other services. Descriptions of such applicability are provided in 6.2 following. Finally, a message Unit credit is applied against line side

Switched Access Service charges as described in 6.7.9 following.

Pursuant to the FCC Dockets "In the Matter of Admendments of Part 69 of the Commission's Rules Relating to the Creation of Access Charge Subelements for Open Network Architecture (CC Docket No. 89-79) and Policy and Rules Concerning Rates for Dominant Carriers (CC Docket No. 87-313)", Report and Order and Order on Further Reconsideration and Supplemental Notice of Proposed Rulemaking, FCC 91-186, released July 11, 1991, the Telephone Company offers an Access Line Arrangement (ALA) and an Access Trunk Arrangement (ATA) and a number of Basic Service Elements (BSEs).

The existing Feature Group Arrangements will be offered as options during a transition period that starts when the new ALA and ATA are in effect. The transition period will expire at the time the ALA and ATA are included under Price Cap regulation, July 1, 1993. The Feature Group arrangements will be abolished at the end of the transition period.

In Memorandum Opinion and Order on Reconsideration released April
(This page filed under Transmittal No. 43)

ACCESS SERVICE

14, 1993, which modifies the Part 69/ONA Order, and requires that Bell Operating Companies maintain their existing Feature Groups side by side with unbundled ONA services through at least June 30, 1994.

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision(A) Switched Transport Service Arrangements

Switched Access Service is provided in an unbundled Basic Service Arrangements (BSA) offering one line side connection called (1) Access Line Arrangement (ALA) and one trunk side connection called (2) Access Trunk Arrangement (ATA). These arrangements are offered with technical choices and optional Basic Service Elements (BSEs). Switched Access Service is also provided in four optional service arrangements of standard and optional features called (1) Feature Group A (FGA), (2) Feature Group B (FGB), (3) Feature Group C (FGC) and (4) Feature Group D (FGD). In addition 800 Access Service and 900 Access Service are available through the use of the ATA and the trunkside Feature Groups. 500 Access Service is available through the use of ATAXXX and Feature Group D.

These arrangements are differentiated by their technical characteristics, e.g., line side vs. trunk side connection at the Telephone Company Switch, and the manner in which an end user accesses them in originating calling, e.g., with or without an access code. A description of each ALA and ATA is in 6.2.1 following. A description of each Feature Group is in 6.2 following. A description of 500, 800 Access Service and 900 Access Service is in 6.2 following. Ordering conditions in the provision of Switched Access Service are set forth in 5. preceding.

Switched Transport Service Arrangements permits a one-way or two-way voice frequency transmission path for transport of calls in the originating direction and in the terminating direction -- though not simultaneously.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision(A) Switched Transport Service Arrangements (Cont'd)

Switched Transport is comprised of various facilities, interfaces and features. The Switched Transport rate category is composed of three rate elements; Entrance Facilities, Direct-Trunked Transport or Tandem Switched Transport. In addition, an Interconnection Charge applies.

The Tandem-Switched element applies in addition when Tandem-Switched transport is provided. Dedicated Signalling Transport is available as an option of both Direct Trunked Transport and Tandem Switched Transport. A multiplexing charge may also apply when facilities of one capacity are connected to facilities of another capacity.

Switched Transport elements can be ordered in combination of:

- (a) Entrance Facilities only.
- (b) Entrance Facilities and Direct Trunked Transport (directly routed to an end office).
- (c) Entrance Facilities and Direct Trunked Transport(routed through an Access Tandem Switch).
- (d) Direct Trunked Transport only.
- (e) Tandem Switched Transport and Direct Trunked Transport.
- (f) Expanded Interconnection Service Channel Termination

Multiplexing charges will apply when a higher capacity Entrance Facilities or EISCT is interconnected with a lower capacity Direct-Trunked Transport, when a higher capacity Direct-Trunked Transport is interconnected with a lower capacity Direct-Trunked Transport at a hub location, when other than a Direct-Trunked Transport DS1 transport channel is interconnected to a digital end office switch, and when other than a Direct-Trunked Voice Grade transport channel is interconnected to an analog end office switch.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision(Cont'd)(A) Switched Transport Service Arrangements (Cont'd)

When the customer orders Direct-Trunked Transport and requests such transport to be interconnected with Entrance Facilities or an EISCT of another customer, the interconnection will be provided if the customer requesting the interconnection provides a letter authorizing such interconnect and use of the Entrance Facility from the other customer. For such an arrangement, the charges for the Direct-Trunked Transport and any associated Tandem Switch and/or Multiplexing charge will be billed to the ordering customer.

No billing of Entrance Facility charges will be made to the customer ordering Direct-Trunked Transport. No adjustment of the Entrance Facility charges will be made to the customer providing the Entrance Facilities. The customer permitting another customer to use its Entrance Facilities bears the responsibility to obtain payment for the use of its Entrance Facilities from another customer.

Rates and charges for these elements and the optional features available are set forth in 6.8 following.

Switched Transport is ordered under the Access Order provisions set forth in Section 5 (Ordering Options for Switched and Special Access Service). Ordering provisions as set forth in 2.4.8 (Billing of Access Service Provided by More Than One Telephone Company) will apply when more than one Exchange Telephone Company is involved in the provision of a Switched Transport facility. Following are descriptions of the available facilities, interfaces and features.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(B) Transport Channels and Multiplexing

Switched Transport is comprised of specific channel types. These connections may be either analog or digital. Analog connections are differentiated by spectrum and bandwidth; digital connections are differentiated by bit rate. Depending upon the spectrum, bandwidth or bit rate selected by the customer, multiplexing, as described in (C) following, may also be required to allow interconnection with other transport channels or to a Telephone Company switch.

For Entrance Facilities and Direct Trunked transport, the transport channel shall be specified by the customer. The customer shall specify an interface group at its premises. Interface groups are set forth in 15.1 following.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)(B) Transport Channels and Multiplexing (Cont'd)

Multiplexing is a chargeable optional feature of Switched transport. The customer has the option of ordering digital facilities at a DS3 level (i.e., 44.736 Mbps) to a Telephone Company Hub for multiplexing to 28 channels at a DS1 level (1.544 Mbps) or at a DS1 level for multiplexing to 24 channels at a DS0 level (64Kbps).

Use of Multiplexing allows customers to interconnect Entrance Facilities or EISCT of one capacity or bandwidth to Direct Trunked Facilities or Tandem Trunked Facilities of a different capacity or bandwidth. Multiplexing also allows for the interconnection of Direct Trunked Facilities or Tandem Trunked Facilities with end offices or access tandems requiring capacity or bandwidth different from that of the interconnecting facility.

Two multiplexing options, DS1 to Voice Grade Multiplexing and DS3 to DS1 Multiplexing will be provided as described in 6.7.1 following.

When ordering, the customer will specify the desired multiplexing hub(s) selected from the National Exchange Carrier Association, Inc. Tariff No. 4.

Shared Use as set forth in Section 7.2.7 following does not apply to Switched transport.

Multiplexing can be applied to a Switched Access Entrance Facility or Direct Trunked transport.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision
(Cont'd)(C) Manner of Provision

Switched Access is furnished in either quantities of lines or trunks. ALA or FGA Access and ATA950 or FGB Access are furnished on a per-line or per-trunk basis respectively. ATANEA or FGC Access and ATAXXX or FGD Access are furnished on a per trunk basis. Entrance Facilities are furnished in either capacities of DS0, DS1 or DS3. DNAL is furnished in quantities of channels.

Trunks and lines are differentiated by type and directionality of traffic.

(1) Traffic Types

There are five major traffic types identified as: Originating, Terminating, Directory Assistance, Originating Data, and Terminating Data. Originating traffic type represents access capacity within a LATA for carrying traffic from the end user to the customer; Terminating traffic type represents access capacity within a LATA for carrying traffic from the customer to the end user; Directory Assistance traffic type represents access capacity within a LATA for carrying Directory Assistance traffic from the customer to a Directory Assistance location. Originating Data and Terminating Data traffic type represents access capability within a LATA for carrying digital traffic at speeds of 56 kbps to 64 kbps between the customer and the customer's end user.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.1 Switched Access Service Arrangements and Manner of Provision
(Cont'd)(C) Manner of Provision (Cont'd)(1) Traffic Types (Cont'd)

When ordering capacity for Switched Access the customer must at a minimum specify such access capacity in terms of Originating traffic types and/or Terminating traffic types or 56 kpbs or 64CCC traffic types. 56 kpbs and 64 kpbs are available only on ATAXXXX or FGD. Directory Assistance traffic type is used for ordering Directory Assistance Access Service as set forth in 9. following.

Because some customers will wish to further segregate their originating traffic into separate trunks groups, or because segregation may be required by network considerations, Originating traffic is further categorized into Domestic, 500, 800, 900, Operator and IDDD. Domestic traffic represents access capacity for carrying only domestic traffic other than 500, 800, 900 and Operator traffic; IDDD traffic represent access capacity for carrying only international traffic; and, 500, 800, 900 and Operator traffic represents access capacity for carrying, respectively, only 500, 800, 900 or Operator traffic. When ordering such types of access capacity, the customer must specify Domestic, 500, 800, 900, Operator or IDDD traffic types

For Feature Group D or Access Trunk Arrangement 101XXXX Switched Access Service with the CCSAC optional feature, i.e., out of band signaling, as described in 6.1.2 (A)(2)(d), an SS7 Signaling Connection is required between the Telephone Company STP and the customer's SPOT. When ordering the CCSAC optional feature, the customer shall specify that all traffic be equipped with out of band signaling. At the same time, 64CCC may be specified.

Outbound Messaging Application may only be used with the Outbound Messaging Application Customer's provision of services to subscribers, and may only be used in conjunction with SS7 as described above. (N)
(N)
(N)
(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.1 Switched Access Service Arrangements and Manner of Provision
(Cont'd)

(C) Manner of Provision (Cont'd)

(2) Design and Traffic Routing of Switched Access Service

For Switched Access Service, the customer desired line or trunk directionality and/or traffic routing of the Switched Access Service between the customer's premises and the entry switch, as well as the number of transmission paths are specified on the customer's order for service.

In addition, the customer shall specify on the customer's order for service, the Switched Transport facilities to be provided (i.e., Entrance Facility or EISCT, Direct Trunked transport and/or Tandem Switched transport). When specifying the Switched Transport facilities to be provided, the customer must indicate if the facilities to be provided are existing (i.e., spare transmission paths) or are new.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories

There are four rate categories which apply to Switched Access Service:

- Switched Transport (described in 6.1.2(A) following)
- Local Switching (described in 6.1.2(B) following)
- Common Line (described in Sections 3. and 4. preceding)
- Transport Interconnection Charge (described in 6.1.2(B)(3) following)

There are also specific rates which apply to Network Access Services (described in 6.8.4 following).

In addition, there is a Directory Assistance Information Surcharge that applies to all Switched Access Basic Service arrangements and Feature Groups. The description and application of these charges are set forth in 6.7.13 following.

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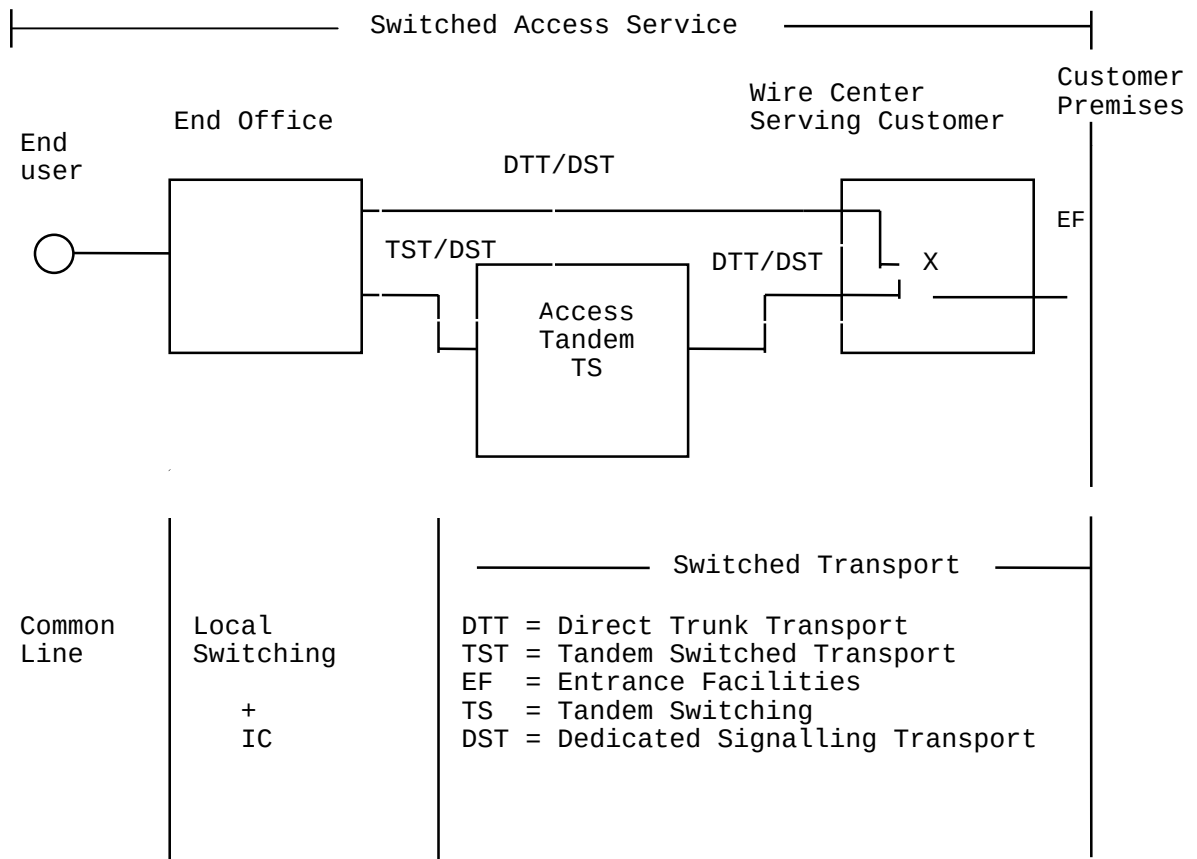
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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)

The following diagram depicts a generic view of the components of Switched Access Service and the manner in which the components are combined to provide a complete Access Service.



LS - Local Switching
IC - Interconnection Charge
CL - Common Line

Common Line access is provided under Section 3. and 4. preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(A) Switched Transport

Switched Transport elements are defined as follows:

(1) Entrance Facility

Entrance Facility is defined as the transmission path between the customer's premises and the Serving Wire Center where the customer would normally obtain local dial tone. The Entrance Facility rate is a non distance sensitive flat monthly recurring charge. The Entrance Facility may be order with an analog or digital interface. Voice frequency (DS0), DS1 and DS3 interface groups are defined in 15 following.

Switched Access Entrance Facility rates and charges are set forth in 6.8.1 following

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (cont'd)

(2) Direct Trunked Transport

Direct Trunked Transport is defined as the dedicated transmission path between the customer's Serving Wire Center and an access tandem, hub or end office where the customer's originating and/or terminating traffic is switched. Direct Trunked Transport is a distance sensitive mileage rate element as set forth in 6.8.1 following.

The Direct Trunked Transport mileage rate is calculated on the airline distance between the Serving Wire Center associated with a customer designated premise and the access tandem, hub or end office switch. To determine the rate, compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4. Exceptions to the mileage measurement rules are set forth in 6.7.11 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(3) Tandem Switched Transport

Tandem Switched Transport is provided as five subelements:

- Tandem-Switched Transmission/Common Transport
- Host Remote Transmission
- Tandem Switching
- Dedicated Tandem Trunk Port
- Tandem End Office Multiplexing

The application of the Tandem-Switched Transport subelements is set forth in (a), (b), (c), (d) and (e) following.

(a) Tandem Switched Transmission/Common Transport

- (1) Tandem-Switched Transmission/Common Transport has two rates: a per access minute of use rate and a per access minutes of use per mile rate. The per access minute of use rate applies to the non-distance sensitive portion of the Tandem-Switched Transport for the termination of both ends of the facility. The per access minute of use per mile rate applies to the distance sensitive portion of the Tandem-Switched Transport facility. When the mileage for Tandem-Switched Transmission/Common Transport is zero, these rates will not apply.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(3) Tandem Switched Transport(a) Tandem Switched Transmission/Common Transport (Cont'd)

(1) (Cont'd)

The per access minute of use and a per access minutes of use per mile rate also applies to interoffice links that are provided for the common use of all customers but which are not switched through an access tandem. The Telephone Company will identify this application of Tandem-Switched Transmission as Common Transport.

Common Transport may be associated with both tandem routed services (such as when Tandem-Switched Transport is to a host office to access remotes) and with direct routed services (as set forth in 6.7.11). Mileage for Common Transport is always measured separately from Tandem-Switched Transmission and Direct-Trunked Transport.

(2) Mileage measurement is described in 6.7.11.

(b) Host Remote Transmission

The Host Remote Transmission subelement applies between the Host and the remote for the common use of all customers but which are not switched through an access tandem. When both Tandem-Switched Transmission and Host Remote Transmission are applicable, mileage is measured separately.

(c) Tandem Switching

The access tandem switching rate for tandem switched transport is a usage sensitive charge based on the originating and terminating minutes of use via the access tandem switch.

(d) Tandem End Office Multiplexing

Tandem Multiplexing provides for the multiplexing equipment functionality on the end office side of the tandem switch and for terminating FGA BSA-A minutes of use between the dialtone office and the end office.

(e) Dedicated Tandem Trunk Port

The Dedicated Tandem Trunk Port provides for the port associated with each in service dedicated trunk terminating on the serving wire center side of the access tandem.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(4) Interface Groups

Five Interface Groups are provided for terminating the Switched Transport at the customer's premises. Each Interface Group provides a specified premises interface (e.g., two-wire, four-wire, DS1, etc.). Where transmission facilities permit, the individual transmission path between the customer's designated premises and the first point of switching may at the option of the customer be provided with optional features as set forth in (2)(a) and (b) following.

As a result of the customer's access order and the type of Telephone Company transport facilities serving the customer's premises, the need for signaling conversions or two-wire to four-wire conversions, or the need to terminate digital or high frequency facilities in channel bank equipment may require that Telephone Company equipment be placed at the customer's designated premises. For example, if a voice frequency interface is ordered by the customer and the Telephone Company facilities serving the customer's designated premises are digital, then Telephone Company channel bank equipment must be placed at the customer's designated premises in order to provide the voice frequency interface ordered by the customer.

The CCSAC optional feature is available only with Feature Group D or Access Trunk Arrangement 101XXXX. FGD or ATAXXXX trunks are provided using Interface Groups 6 and 9. SS7 signaling connections are provided using Interface Group 6. Technical Publication TR-TSV-000905 provide the technical requirements.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(4) Interface Groups (Cont'd)

The 64CCC option is provided using interface group 6. Technical Publication TR-NWT-000938 and TR-TSV-000962 provide additional technical requirements for 64CCC. Technical specifications concerning the available interface groups are set forth in 15.1 following.

(5) Optional Features

Where transmission facilities permit, the Telephone Company will, at the option of the customer, provide the following nonchargeable optional features in association with Switched Transport.

(a) Supervisory Signaling

Where the transmission parameters permit, and where signaling conversion is required by the customer to meet its signaling capability, the customer may order an optional supervisory signaling arrangement for each transmission path provided as set forth in 15.1.12 following.

The types of supervisory signaling available are described in Technical Reference TR-NPL-000334.

(b) Customer Specified Entry Switch Receive Level (TLV)

This feature allows the customer to specify the receive transmission level at the first point of switching. The range of transmission levels which may be specified is described in Technical Reference TR-NPL-000334. This feature is available with Interface Groups 2 through 10 for ALA or ATA950 and Feature Groups A and B.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(5) Optional Features (Cont'd)(c) Customer Specification of Switched Transport Termination (NL S+T+)

This option allows the customer to specify, for ATA950 or for Feature Group B routed directly to an end office or access tandem, a four-wire termination of the Local Transport at the entry switch in lieu of a Telephone Company selected two-wire termination. This option is available only when the ATA950 or Feature Group B arrangement is provided with Type B Transmission Specifications.

(d) Common Channel Signaling Access Capability (CCSAC)

This optional feature allows the customer to exchange signaling for call set-up via SS7 out of band signaling. This option is available only with FGD or ATAXXXX. This option requires the establishment of a SS7 Signaling Connection between the customer's signaling point of interface (SPOI) and the Telephone Company's Signaling Transfer Point (STP), as set forth in 6.1.2(A)(1) preceding.

(e) 64 Clear Channel Capability (64CCC)

This option is available with Feature Group D (FGD) and Access Trunk Arrangement 101XXXX (ATAXXX) with the CCSAC optional feature as set forth in (d) preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(5) Optional Features (Cont'd)(e) 64 Clear Channel Capability (64CCC) (Cont'd)

64 CCC is designated as a new traffic type and requires the establishment of a new minimum period as described in 6.7.3 preceding.

64CCC will be provided in connection with FGD and ATAXXX with CCSAC where appropriate Telephone Company equipment and other facilities exist, as specified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4. Technical Reference TR-NWT-000938 provides the technical specifications for 64CCC. The SS7 protocol requirements for 64CCC are specified in TR-TSV-000962.

(f) Tandem Signaling

This option provides Carrier Identification Code (CIC) and OZZ signaling information necessary for tandem switching. This optional feature is available only on one-way originating Feature Group D trunks from equal access end offices to a Tandem Switching Provider's (TSP) point of termination. This option is offered with either multifrequency (MF) or Signaling System 7 (SS7) signaling protocol.

In the MF signaling format, Carrier Identification Code (CIC) and OZZ will be forwarded. In the SS7 signaling format, Transit Network Selection (TNS) will be forwarded in the Initial Address Message.

TSP's can terminate switched access traffic to Telephone Company end offices or access tandems over any currently tariffed Feature Group Service. The customer ordering the terminating Feature Group Service will be the customer of record and billed the terminating usage. This customer may be either a TSP or a customer of the TSP.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(5) Optional Features (Cont'd)(b) Tandem Signaling (Cont'd)

If the TSP is the customer of record and requests the Telephone Company to separately bill the traffic usage to its multiple customers, the TSP must provide to the Telephone Company billing tapes in a format to be mutually agreed upon by the Telephone Company and the TSP. These tapes must be provided in a standard EMI format and received by the Telephone Company within a mutually agreed upon timeframe.

Technical specifications for Tandem Signaling are set forth in Generic Requirements GR-3334-CORE.

A maximum of four OZZ codes (MF) or circuit codes (SS7) per CIC per end office will be provided. The Telephone Company will control and assign the OZZ codes to the customer ordering this feature. FGD trunks with Tandem Signaling may not be alternately routed to the Telephone Company's Access Tandem.

(6) Chargeable Optional Features(a) Multiplexing

This option allows the customer to convert a DS3 (44.736 Mbps) to 28 DS1 channels or a DS1 (1.544 Mbps) to 24 DS0 channels (64kbps). A charge is specified in 6.8.1(I) following per multiplexing arrangement.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(A) Switched Transport (Cont'd)(6) Chargeable Optional Features (Cont'd)(b) Carrier Identification Parameter (CIP)

Technical specifications for Carrier Identification Parameter (CIP) are set forth in Technical References GR-394-CORE and GR-905-CORE.

Carrier Identification Parameter is an optional feature which identifies and transmits the CIC within the SS7 out of band call set up, known as the initial address message (IAM), associated with each call sent to subscribing customers. CIP is only available with originating FGD Switched Access Service from suitably equipped SS7 out of band signaling end offices and access tandems. When CIP is provided, the switch will transmit the 3 or 4 digit CIC of the presubscribed line or the CIC selected when the end user places a call using 101XXXX dialing. CIP is provided per trunk group at a monthly recurring rate as specified in 6.8.1(I).

(c) Outbound Messaging Application

Outbound Messaging Application provides the ability to have a signal sent from the Telephone Company's SS7 Network to the Outbound Messaging Application Customer. This service functions with an Inter-Stored Program Control Switch (Inter-SPCS) Feature, which provides the ability to receive and respond to a signal sent by the Telephone Company's SS7 Network. Additional information about the Inter-SPCS Feature can be found in Telcordia Technical Publication GR-866-CORE.

The Outbound Messaging Application service is provided on a per point code per LATA basis, and in conjunction with the Telephone Company's SS7 STP Access Service for use with telephone numbers for which the Outbound Messaging Application signal is generated.

(N)

(N)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) Local Switching

This rate category provides for (1) local end office switching, i.e., the common switching functions associated with the various Switched Access Service arrangements, (2) the termination of switched transport at end offices, (3) the termination of common lines and WATS Access Lines at end offices, (4) intercept functions, i.e., the termination of certain calls at a Telephone Company intercept operator or recording, (5) the dedicated End Office Port terminating in the end office, and (6) the Shared End Office Trunk Port for termination of Common Transport trunks for tandem routed traffic.

This category includes usage sensitive rates and both chargeable and nonchargeable optional features.

(1) Usage Sensitive Rates

The usage sensitive rates are applied on a per minute of use basis and are divided into two categories: LS1 and LS2 - which pertain to Feature Groups; LS1A and LS2A which pertain to unbundled Basic Service Arrangements.

- (a) The first category, LS1, provides local switching functions for Feature Groups A and B, except for Feature Group A and Feature Group B used to terminate traffic to a WATS Access Line (WAL) provided from an equal access office.

LS1A provides local switching functions for Access Line Arrangement (ALA) and Access Trunk Arrangement with the 950 Option (ATA950), except for ALA and ATA950 used to terminate traffic to a WATS Access line (WAL) provided from an equal access office.

- (b) The second category, LS2, provides local switching functions for Feature Group A and Feature Group B used to terminate traffic to a WATS Access Line (WAL) provided from an equal access end office, Feature Group C, Feature Group D and 800 or 900 Access Service.

LS2A provides local switching functions for Access Line Arrangements and Access Trunk Arrangement with the 950 Option used to terminate traffic to a WATS Access Line (WAL) provided from an equal access end office, Access Trunk Arrangement without Equal Access (ATANEA), Access Trunk Arrangement with 101XXXX (ATAXXXX) and 800 or 900 Access Service.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.2 Rate Categories (Cont'd)(B) Local Switching (Cont'd)

Where end offices are appropriately equipped, international dialing also may be provided as a capability of LS2 or LSA2. International dialing provides the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard ATANEA or ATAXXX or FGC or FGD equipped end office.

Rates for LS1 and LS2 are set forth in 6.8.2(A) following. The application of these rates with respect to individual Feature Groups is as set forth in 6.7.1(D) following.

Access tandem switching provides the function of switching traffic from the customer's serving wire center through the access tandem to the customer designated end office switch(es).

Rates for LS1A and LS2A are set forth in 6.8.2 following. The application of these rates with respect to individual Basic Service Arrangements is as set forth in 6.7.1 (D) following.

Rates for Local Switching and Access Tandem Switching are set forth in 6.8 following.

The number of local switching transmission paths will be determined as set forth in 6.5.5 following.

(2) Optional Features

Various Common Switching, Transport Termination and WATS Access Line Termination optional features are available and are described in 6.3 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.1 General (Cont'd)

6.1.2 Rate Categories (Cont'd)

(B) Local Switching (Cont'd)

(3) Transport Interconnection Charge

The Transport Interconnection charge rate elements are applied on a per minute of use basis to all access customers that interconnect with the Telephone Company's switched access network. The Transport Interconnection Charge rate elements are assessed on a premium/non-premium, originating and terminating basis based on the equal access capabilities of the end offices.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.3 Special Facilities Routing

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in 11. following.

6.1.4 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

6.1.5 Testing(A) Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test, at the time of installation, the following parameters: loss, C-notched noise, C-message noise, 3-tone slope, d.c. continuity and operational signaling. When the Local Transport is provided with Interface Groups 2 through 10, and the Transport Termination is two-wire (i.e., there is a four-wire to two-wire conversion in Local Transport), balance parameters (equal level echo path loss) may also be tested.

Entrance Facility and/or Direct Trunked Transport acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.1 General (Cont'd)6.1.5 Testing (Cont'd)(B) Routine Testing

At no additional charge, the Telephone Company will, at the customer's request, test after installation on an automatic or manual basis, 1004 Hz loss, C-message noise and Balance (Return loss).

In the case of automatic testing, the customer shall provide remote office test lines and 105 test lines with associated responders or their functional equivalent.

The frequency of these tests will be that which is mutually agreed upon by the customer and the Telephone Company, but shall consist of not less than quarterly 1004Hz Loss and C-message noise tests and an annual Balance test. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

Additional tests may be ordered as set forth in 13.3.5 following. Charges for these additional tests are set forth in 13.3.5(C) following.

6.1.6 Ordering Options and Conditions

Switched Access Service is ordered under the Access Order provisions set forth in 5.2 preceding. Also, included in that section are other charges which may be associated with ordering Switched Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

6.1.7 CCSAC Testing Requirements

For FGD or ATAXXX with the CCSAC optional feature, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer. These tests are as specified in the Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. These tests must be successfully completed prior to providing the CCSAC optional feature.

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ACCESS SERVICE

Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service

Switched Access Service is provided in two different arrangements. The two arrangements provisioned are Direct trunked transport and Tandem Switched transport. Entrance facilities may be provisioned for Direct trunked transport only. The provision of each Switched access Service requires Switched Transport facilities and the appropriate End Office functions. There are various optional features available with the Feature Groups and Access Arrangements. The Switched Transport, Common Switching and Transport Termination optional features are available at all Telephone Company end office switches, unless stated otherwise. In addition, a WATS Access Line Service as described in 7.7.5 following may, at the option of the customer, be provided for use with Switched Access Service. WATS Access Line Termination optional features are available in end office designated as WATS Serving Offices.

There are three specific voice transmission specifications (i.e., Types A, B, and C) that have been identified for the provision of Switched Access Service.

Switched Access Service is arranged for either originating, terminating or two-way calling. Originating calling permits the delivery of calls from Telephone Exchange Service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premise to Telephone Exchange Service locations. Two-way calling permits the delivery of calls in both directions, but not simultaneously.

Following are detailed descriptions of the available Switched Access Services. Each Switched Access Service is described in terms of its specific physical characteristics and calling patterns, the transmission specifications with which it is provided, the optional features available for use with it and the standard testing capabilities.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)

Following are detailed descriptions of each of the available Basic Service Arrangements and Feature Groups. Each Arrangement or Feature Group is described in terms of its specific physical characteristics and calling capabilities, the transmission specifications with which it is provided, the optional features available for use with it and the standard testing capabilities.

6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA)(A) Description

ALA and FGA Access, which is available to all customers, provides line side access to Telephone Company end office switches with an associated seven digit local telephone number for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the ALA or FGA service is connected or, in the alternative, specify the means by which the ALA or FGA access communications is transported to another state.

- (1) ALA or FGA is provided in connection with Telephone Company electronic and electromechanical end offices. At the option of the customer, ALA or FGA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling.
- (2) ALA or FGA provides a line side termination at the first point of switching (dial tone office). The line side termination will be provided with either ground start supervisory signaling or loop start supervisory signaling. The type of signaling is at the option of the customer.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA) (Cont'd)(A) Description (Cont'd)

(3) The Telephone Company shall select the first point of switching, within the selected LATA, at which the line side termination is to be provided unless the customer requests a different first point of switching and Telephone Company facilities and measurement capabilities, where necessary, are available to accommodate such a request.

(4) A seven digit local telephone number assigned by the Telephone Company is provided for access to ALA or FGA switching in the originating direction. The seven digit local telephone number will be associated with the selected end office switch and is of the form NXX-XXXX.

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Telephone Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

(5) ALA or FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction ALA or FGA switching may, at the option of the customer, be arranged for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When ALA or FGA switching is provided in a hunt group or uniform call distribution arrangement, all ALA or FGA switching will be arranged for the same type of address signaling.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA) (Cont'd)(A) Description (Cont'd)

- (6) No address signaling is provided by the Telephone Company when ALA or FGA Switching is used in the originating direction. Address signaling in such cases, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Local Transport provided.
- (7) ALA or FGA switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, local operator service (0- and 0+), Directory Assistance (411 where available and 555-1212), emergency reporting service (911 where available), exchange telephone repair (611 where available), time or weather announcement services of the Telephone Company, community information services of an information service provider, and other

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.1 Access Line Arrangements (ALA) and Feature Group A (FGA)
(Cont'd)(A) Description (Cont'd)

(7) (Cont'd)

customers' services (by dialing the appropriate digits). Charges for ALA or FGA terminating calls requiring operator assistance or calls to 611 or 911 will only apply where sufficient call details are available. Additional non-access charges will also be billed on a separate account for (1) an operator surcharge, as set forth in the local exchange tariffs, for local operator assistance (0- and 0+) calls, (2) calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, and, (3) calls from an ALA or a FGA line to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. For calls to Directory Assistance (411 and 555-1212, whichever is available), Local Transport rates for ALA or FGA Switched Access Service will not apply. Instead, Local Transport for calls to this service is subject to a per call rate as set forth in 9.6(B) following. Additionally, calls to Directory Assistance are subject to the Directory Assistance Service Call rate set forth in 9.6(A) following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA) (Cont'd)(A) Description (Cont'd)

- (8) When an ALA or a FGA switching arrangement for an individual customer (a single line or entire hunt group) is discontinued at an end office, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(B) Optional Features(1) Common Switching Optional Features and Basic Service Elements

- (a) Hunt Group Arrangement*
- (b) Uniform Call Distribution Arrangement*
- (c) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement*
- (d) Call Denial
- (e) Service Code Denial
- (f) Hunt Group Arrangement for Use with WATS Access Line Service
- (g) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (h) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (i) Band Advance Arrangement for Use with WATS Access Line Service
- (j) Call Transfer*
- (k) Direct Inward Dialing (DID)*
- (l) Answer Supervision Lineside

*For ALA customers (a), (b), (c), (j) and (k) will be ordered under 6.8.2 Common Switching Optional Features and BSEs

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA) (Cont'd)(B) Optional Features (Cont'd)(2) Transport Termination Optional Features

- (a) Two-way operation with dial pulse address signaling and loop start supervisory signaling
- (b) Two-way operation with dial pulse address signaling and ground start supervisory signaling
- (c) Two-way operation with dual tone multifrequency address signaling and loop start supervisory signaling
- (d) Two-way operation with dual tone multifrequency address signaling and ground start supervisory signaling
- (e) Terminating operation with dial pulse address signaling and loop start supervisory signaling
- (f) Terminating operation with dial pulse address signaling and ground start supervisory signaling
- (g) Terminating operation with dual tone multifrequency address signaling and loop start supervisory signaling
- (h) Terminating operation with dual tone multifrequency address signaling and ground start supervisory signaling
- (i) Originating operation with loop start supervisory signaling
- (j) Originating operation with ground start supervisory signaling

(3) Local Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding)
- (b) Customer Specified Entry Switch Receive Level

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.1 Access Line Arrangement (ALA) and Feature Group A (FGA)
(Cont'd)(B) Optional Features (Cont'd)

- (4) Certain other features which may be available in connection with ALA or Feature Group A are provided under the Telephone Company's local and/or general exchange service tariffs where technically feasible.

These are:

- (a) Custom Calling Features
- (b) Remote Call Forwarding
- (c) Bill Number Screening
- (d) IntraLATA extensions
- (e) 900 Call Blocking

(C) Transmission Specifications

ALA or FGA is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the first point of switching. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with ALA or FGA to the first point of switching.

(D) Testing Capabilities

ALA or FGA is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 6.1.5 preceding which are included with the installation of service and as ongoing routine testing, Additional Cooperative Acceptance Testing and Additional Manual Testing are available as set forth in 13.3.5 following.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB)(A) Description

ATA950 and FGB Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform access code generally 950-1XXX or 950-0XXX for the customer's use in originating communications from and terminating communications to an Interexchange Carrier's Interstate Service or a customer provided interstate communications capability. The customer must specify the Interexchange Carrier to which the ATA950 or FGB service is connected or, in the alternative, specify the means by which the ATA950 or FGB access communications is transported to another state.

- (1) ATA950 or FGB, when directly routed to an end office (i.e., provided without the use of an access tandem switch), is provided at appropriately equipped Telephone Company electronic end office switches. When provided via Telephone Company designated electronic access tandem switches, ATA950 or FGB switching is provided at Telephone Company electronic and electromechanical end office switches.
- (2) ATA950 or FGB is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling
- (3) ATA950 or FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for ATA950 or FGB switching provided with the automatic number

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB)
(Cont'd)(A) Description (Cont'd)

(3) (Cont'd)

identification (ANI) or rotary dial station signaling arrangements as set forth in 6.3 following, any other address signaling in the originating direction, if required by the customer, must be provided by the customer's end user using inband tone signaling techniques. Such inband tone address signals will not be regenerated by the Telephone Company and will be subject to the ordinary transmission capabilities of the Switched Transport provided.

(4) The access code for ATA950 or FGB switching is generally a uniform access code. The form of the uniform access code is 950-0XXX or 950-1XXX for carriers. One uniform access code will be assigned to the customer for the customer's domestic communications and another will be assigned to the customer for its international communications, if required. These uniform access codes will be the assigned access numbers of all ATA950 or FGB switched access service provided to the customer by the Telephone Company.

(5) ATA950 or FGB switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider and other customers'

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6. Switched Access Service6.2 Provision and Description of Switched Access Service (Cont'd)6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB) (Cont'd)(A) Description (Cont'd)

(5) (Cont'd)

services (by dialing the appropriate digits). When directly routed to an end office, only those valid NXX codes served by that end office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices directly subtending the access tandem may be accessed. Where direct trunking from a single access tandem within a IATA to all end offices subtending that tandem is not available, an alternate route may be used if available. In the case of LATAs with two access tandems, only those valid NXX codes served by end offices directly subtending either one of the access tandems may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from an ATA950 or FGB trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-XXXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 and 555-1212), service codes (611 and 911) or 10XXX access codes. Calls will be completed to Directory Assistance (NPA- 555-1212 or 555-1212) when ATA950 or FGB switching is combined with Directory Assistance switching. The combination of ATA950 or FGB Switched Access Service with DA service is provided as set forth in 9. following. ATA950 or FGB may not be switched, in the terminating direction, to Access Trunk Arrangements 950, NEA, XXX or to Switched Access Service Feature Groups B, C and D.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB) (Cont'd)(A) Description (Cont'd)

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where ATA950 or FGB switching is provided. When required by technical limitations, a separate trunk group will be established for each type of ATA950 or FGB switching arrangement provided. Different types of ATA950 or FGB or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.
- (7) When all ATA950 or FGB switching arrangements are discontinued at an end office and/or in a LATA, an intercept announcement is provided. This arrangement provides, for a limited period of time, an announcement that the service associated with the number dialed has been disconnected.

(B) Optional Features(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Up to 7 Digit Outpulsing of Access Digits to Customer
- (c) Hunt Group Arrangement for Use with WATS Access Line Service.

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6. Switched Access Service (Cont,d)6.2 Provision and Description of Switched Access Service-(Cont,d)6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB)
(Cont'd)(B) Optional Features (Cont'd)(1) Common Switching Optional Features (Cont'd)

(d) Uniform Call Distribution Arrangement for Use with WATS Access Line Service.

(e) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service.

(f) Band Advance Arrangement for Use with WATS Access Line Service.

(g) Alternate Traffic Routing

(2) Transport Termination Optional Features

(a) Rotary Dial Station Signaling

(3) Switched Transport Optional Features

(a) Customer Specification of Local Transport Termination

(b) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding)

(c) Customer Specified Entry Switch Receive Level

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.2 Access Trunk Arrangement (ATA950) and Feature Group B (FGB)
(Cont'd)(B) Optional Features (Cont'd)(4) WATS Access Line Termination Optional Features

(a) E & M Supervisory Signaling

(5) Bill Number Screening

Another feature, Bill Number Screening, which may be available in connection with ATA950 or FGB, is provided under the Telephone Company's local and/or general exchange service tariffs.

(C) Transmission Specifications

ATA950 or FGB is provided with either Type B or Type C Transmission Specifications. The specifications for the associated parameters are guaranteed to the end office when routed directly or to the first point of switching when routed via an access tandem. Type C Transmission Specifications are provided with Interface Group 1 and Type B is provided with Interface Groups 2 through 10. Type DB Data Transmission Parameters are provided with ATA950 or FGB to the first point of switching.

(D) Testing Capabilities

ATA950 or FGB is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.5

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.2 Access Trunk Arrangement 950 (ATA950) and Feature Group B (FGB)
(Cont'd)(D) Testing Capabilities (Cont'd)

preceding which are included with the installation of service and as ongoing routine testing. Additional Cooperative Acceptance Testing, Additional Automatic Testing, and Additional Manual Testing are available as set forth in 13.3.5 following.

6.2.3 Access Trunk Arrangement Non Equal Access (ATANEA) and Feature Group C (FGC)(A) Description

ATANEA and FGC Access, which is available only to providers of MTS and WATS, provides trunk side access to Telephone Company end office switches for the customer's use in originating and terminating communications. This service is available in all end offices which are not equipped for ATAXXX or Feature Group D End Office Switching. Existing ATANEA or FGC Access will be converted to ATAXXX or Feature Group D access when it becomes available in an end office.

- (1) ATANEA or FGC is provided at all Telephone Company end office switches on a direct trunk basis or via Telephone Company designated access tandem switches. ATANEA or Feature Group C switching is furnished to providers of MTS and WATS at an end office switch unless ATAXXX or Feature Group D end office switching is provided in the same office. When ATAXXX or FGD switching is available, ATANEA or FGC switching will not be provided.

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6. Switched Access Service6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.3 Access Trunk Arrangement Non Equal Access (ATANEA) and
Feature Group C (FGC) (Cont'd)(A) Description (Cont'd)

- (2) ATANEA or FGC is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with answer and disconnect supervisory signaling. Wink start start-pulsing signals are provided in all offices where available. In those offices where wink start start-pulsing signals are not available, delay dial start-pulsing signals will be provided, unless immediate dial pulse signaling is provided, in which case no start-pulsing signals are provided.
- (3) ATANEA or FGC is provided with multifrequency address signaling except in certain electromechanical end office switches where multifrequency signaling is not available. In such switches, the address signaling will be dial pulse, revertive pulse, immediate dial pulse or panel call indicator signaling, whichever is available. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.3 Access Trunk Arrangement Non Equal Access (ATANEA) and Feature Group C (FGC) (Cont'd)(A) Description (Cont'd)

- (4) No access code is required for ATANEA or FGC switching. The telephone number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.
- (5) ATANEA or FCC switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information provider, and other customers' services (by dialing the appropriate codes) when the services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by offices subtending the access tandem may be accessed. Where measurement capabilities exist, the

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.3 Access Trunk Arrangement Non Equal Access (ATANEA) and Feature Group C (FGC) (Cont'd)(A) Description (Cont'd)

(5) (Cont'd)

customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Services. Additionally, non-access charges will also be billed for calls from an ATANEA or FGC trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer. Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, local operator assistance (0- and 0+), Directory assistance (411 and 555- 1212), service codes (611 and 911) and 10XXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when ATANEA or FGC switching is combined with Directory Assistance switching. The combination of ATANEA or FGC Switched Access Service with DA Service is provided as set forth in 9. following. ATANEA or FGC may not be switched, in the terminating direction, to Access Trunk Arrangements 950, NEA, XXX or Switched Access Service Feature Groups B, C or D.

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6. Switched Access Service (Cont'd)

6.2 Provision and Description of Switched Access Service (Cont'd)

6.2.3 Access Trunk Arrangement Non Equal Access (ATANEA) and
Feature Group C (FGC) (Cont'd)

(A) Description (Cont'd)

- (6) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where ATANEA or FGC switching is provided. When required by technical limitations, a separate trunk group will be established for each type of ATANEA or FGC switching arrangement provided. Different types of ATANEA or FGC or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service-(Cont'd)6.2.3 Access Trunk Arrangement Non Equal Access (ATANEA) and Feature Group C (FGC) (Cont'd)(B) Optional Features(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)
- (b) Service Class Routing
- (c) Dial Pulse Address Signaling
- (d) Delay Dial Start-Pulsing Signaling
- (e) Immediate Dial Pulse Address Signaling
- (f) Alternate Traffic Routing
- (g) Trunk Access Limitation
- (h) End Office End User Line Service Screening for Use with WATS Access Line Service
- (i) Hunt Group Arrangement for Use with WATS Access Line Service
- (j) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (k) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (l) Band Advance Arrangement for Use with WATS Access Line Service

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service-(Cont'd)6.2.3 Access Trunk Arrangement Non Equal Access (ATANEA) and Feature Group C (FGC) (Cont'd)(B) Optional Features (Cont'd)(2) Transport Termination Optional Features

- (a) Operator Trunks - Modified Operator Service (MOS) - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Telephone Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Telephone Company electronic end offices and other Telephone Company end offices where equipment is available.)

(3) Switched Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.2(A)(2)(a) preceding)

(4) WATS Access Line Termination Optional Features

- (a) E & M Supervisory Signaling
- (b) Dialed Number Identification Service

(C) Transmission Specifications

ATANEA or FGC is provided with either Type B or Type C Transmission Specifications as follows:

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access tandem only Type B is provided.
- Type B or Type C is provided on the transmission path from the access tandem to the end office.

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6. Switched Access Service (Cont'd)6.2 Provision and description of Switched Access Service (Cont'd)6.2.3 Access Trunk Arrangement Non Equal Access (ATANEA) and Feature Group C (FGC) (Cont'd)(C) Transmission Specifications (Cont'd)

Type C Transmission Specifications are provided with Interface Group 1 when routed directly to an end office. Type B is provided with Interface Groups 2 through 10, whether routed directly to an end office or to an access tandem.

Type DB Data Transmission Parameters are provided with ATANEA or FGC for the transmission path between the customer's premises and the end office when directly routed to the end office, and Type DB Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office when routed via an access tandem.

(D) Testing capabilities

ATANEA or FGC is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.3 Access Trunk Arrangement Non Equal Access (ATANEA) and Feature Group C (Cont'd)(D) Testing Capabilities (Cont'd)

transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.5 preceding which are included with the installation of service and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing and Additional Manual Testing are available as set forth in 13.3.5 following.

6.2.4 Access Trunk Arrangement 10XXX (ATAXXX) and Feature Group D (FGD)(A) Description

ATAXXX or FGD Access, which is available to all customers, provides trunk side access to Telephone Company end office switches with an associated uniform 10XXX access code for the customer's use in originating and terminating communications. For FGD or ATAXXX with the CCSAC optional feature, out of band signaling is provided through Telephone Company designated STPS.

- (1) ATAXXX or FGD is provided at Telephone Company designated electronic end office switches whether routed directly or via Telephone Company designated electronic access tandem switches.
- (2) ATAXXX or FGD is provided as trunk side switching through the use of end office or access tandem switch trunk equipment. The switch trunk equipment is provided with wink start start-pulsing signals and answer and disconnect supervisory signaling, or without signaling when the CCSAC optional feature is specified.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Access Trunk Arrangement 10XXX (ATAXXX) and Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

- (3) ATAXXX or FGD switching is provided with multifrequency address or SS7 signaling. Up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals will be provided by Telephone Company equipment to the customer's premises where the Switched Access Service terminates. Such address signals will be subject to the ordinary transmission capabilities of the Switched Transport provided.
- (4) ATAXXX or FGD switching, when used in the terminating direction, may be used to access valid NXXs in the LATA, time or weather announcement services of the Telephone Company, community information services of an information service provider, and other customers' services (by dialing the appropriate codes) when such services can be reached using valid NXX codes. When directly routed to an end office, only those valid NXX codes served by that office may be accessed. When routed through an access tandem, only those valid NXX codes served by end offices subtending the access tandem may be accessed. The customer will also be billed additional non-access charges for calls to certain community information services, for which rates are applicable under Telephone Company exchange service tariffs, e.g., 976 (DIAL-IT) Network Service. Additionally, non-access charges will also be billed for calls from a ATAXXX or FGD trunk to another customer's service in accordance with that customer's applicable service rates when the Telephone Company performs the billing function for that customer.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Access Trunk Arrangement 10XXX (ATAXXX) and Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

(4) (Cont'd)

Calls in the terminating direction will not be completed to 950-0XXX or 950-1XXX access codes, Directory Assistance (411 and 555-1212), service codes 611 and 911 and 10XXX access codes. Calls will be completed to Directory Assistance (NPA-555-1212 or 555-1212) when ATAXXX or FGD switching is combined with Directory Assistance switching. the combination of ATAXXX or FGD Switched Access Service with DA Service is provided as set forth in 9. following. ATAXXX or FGD may not be switched, in the terminating direction, to Switched Access Trunk Arrangements 950, NEA, or XXX or to Switched Access Service Feature Groups B, C or D.

- (5) The Telephone Company will establish a trunk group or groups for the customer at end office switches or access tandem switches where ATAXXX or FGD switching is provided. When required by technical limitations, a separate trunk group will be established for each type of ATAXXX or FGD switching arrangement provided. Different types of ATAXXX or FGD or other switching arrangements may be combined in a single trunk group at the option of the Telephone Company.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Access Trunk Arrangement 10XXX (ATAXXX) and Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

- (6) The access code for ATAXXX or FGD switching is a uniform access code of the form 10XXX. A single access code will be the assigned number of all ATAXXX or FGD access provided to the customer by the Telephone Company. No access code is required for calls to a customer over ATAXXX or FGD Switched Access Service if the end user's telephone exchange service is arranged for presubscription to that customer, as set forth in 13.3.3 following.

Where no access code is required, the number dialed by the customer's end user shall be a seven or ten digit number for calls in the North American Numbering Plan (NANP). For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the customer's end user is NXX-XXXX, 0 or 1 + NXX-XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and, when the end office is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC + NN.

When the 10XXX access code is used, ATAXXX or FGD switching also provides for dialing the digit 0 for access to the customer's operator, 911 for access to the Telephone Company's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the customer's premises.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Access Trunk Arrangement 101XXXX (ATAXXXX) and Feature Group D (FGD) (Cont'd)(A) Description (Cont'd)

- (7) ATAXXXX or FGD switching will be arranged to accept calls from telephone exchange service locations without the need for dialing 101XXXX uniform access code. Each telephone exchange service line may be marked with a presubscription code to identify which 101XXXX code its calls will be directed to for interLATA service. Presubscription codes are applied as set forth in 13. following.
- (8) When the 101XXXX 1+ or 011+ Sent-Paid access code is dialed from a Telephone Company pay telephone to a customer that has not ordered per 6.3.2(B) or (C) following, the calls will be routed to a telephone company recording.
- (9) At the option of the customer, the Tandem Signaling optional feature as described in 6.1.2(A) (6) (f) preceding, is available for use on one-way originating feature group D trunks provisioned from an equal access end office to a customer's point of termination.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Access Trunk Arrangement 10XXXX (ATAXXX) and Feature Group D (FGD) (Cont'd)(B) Optional Features(1) Common Switching Optional Features

- (a) Automatic Number Identification (ANI)*
- (b) Service Class Routing
- (c) Alternate Traffic Routing
- (d) Call Gapping Arrangement
- (e) Trunk Access Limitation
- (f) International Carrier Option
- (g) End Office End User Line Service Screening for Use with ATS Access Line Service.
- (h) Hunt Group Arrangement for Use with WATS Access Line Service
- (i) Uniform Call Distribution Arrangement for Use with WATS Access Line Service
- (j) Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution. Arrangement for Use with WATS Access Line Service
- (k) Band Advance Arrangement for Use with WATS Access Line Service
- (l) Cut-through
- (m) Calling Party Number (CPN)**
- (n) Charge Number (CN)
- (o) Carrier Selection Parameter (CSP)
- (p) Access Transport Parameter (ATP)***

* For ATAXXX customers (a) will be ordered under 6.8.2 Common Switching Optional Features and BSEs.

** CPN is only available on trunks equipped with CN.

*** ATP is only available on trunks equipped with 64CCC.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Access Trunk Arrangement 10XXX (ATAXXX) and Feature Group) D (FGD) (Cont'd)(B) Optional Features (Cont'd)(2) Transport Termination Optional Features

- (a) Operator Trunk, Full Feature Arrangement

(3) Switched Transport Optional Features

- (a) Supervisory Signaling (as set forth in 6.1.2(A) (2) (d) preceding)
- (b) Common Channel Signaling Access Capability (CCSAC) as set forth in 6.1.2(A)(2)(d) preceding.
- (c) 64 Clear Channel Capability (64CCC)(as set forth in 6.1.2.(A)(2)(e) preceding.)

(4) WATS Access Line Termination Optional Features

- (a) E & M Supervisory Signaling
- (b) Dialed Number Identification Service

(5) Tandem Signaling Optional Feature

- (a) CIC and OZZ (as set forth in 6.1.2(A)(6)(f) preceding.
- (b) TNS (as set forth in 6.1.2(A)(6)(f) preceding.

(C) Transmission Specifications

ATAXXX or FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows:

When routed directly to the end office either Type B or C is provided.

When routed to an access tandem only Type A is provided.

Type A is provided on the transmission path from the access tandem to the end office.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.4 Access Trunk Arrangement 10XXX (ATAXXX) and Feature Group) D (FGD) (Cont'd)(C) Transmission Specifications (Cont'd)

Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2 through 10.

Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access tandem and between the access tandem and the end office. Type DB Data Transmission Parameters are provided with ATAXXX or FGD for the transmission path between the customer's premises and the end office when directly routed to the end office.

Transmission specifications for the DNAL BSA are set forth in Technical Reference TR-NPL-000335.

(D) Testing Capabilities

ATAXXX or FGD is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line, milliwatt (102 type) test line, nonsynchronous or synchronous test line, automatic transmission measuring (105 type) test line, data transmission (107 type) test line, loop around test line, short circuit test line and open circuit test line. In addition to the tests described in 6.1.5 preceding, which are included with the installation of service and as ongoing routine testing, Additional Cooperative Acceptance Testing, Additional Automatic Testing and Additional Manual Testing, are available as set forth in 13.3.5 following.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.5 500, 900 and Toll Free Access Service(A) 500 Access Service

500 Access Service is an originating offering utilizing trunk side Switched Access Service and is available at appropriately equipped Telephone Company end offices or tandem switches. The service provides a 500 Access Service customer identification function based on the dialed 500 number.

When a 0+500+NX-XXXX or 1+500+NX-XXXX call is originated by an end user, the Telephone Company will perform the 500 Access Service customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. If the call originates from an end office switch not equipped to provide the 500 Access Service customer identification function, the call will be routed to an office at which the function is available. Once 500 Access Service customer identification has been established, the call will be routed to the customer. Calls originating in an end office switch in which the customer has not ordered 500 Access Service will be routed to intercept. The 500 Access Service customer has the option to order 0+ 500, 1+ 500 or both. 0+ 500 and 1+ 500 originating calls from 101XXXX, inmate service, toll restricted lines, WATS, Feature Group A and Access Line Arrangement with Call Access Denial will be blocked. 1+500 originating calls from Coin, Prepay, Hotel/Motel ANI 7, Hospital and AT&T Public Access Line will be blocked. If the 500 Access Service customer chooses not to accept a call that the Telephone Company routes, then the 500 Access Service customer is responsible for providing its own blocking and announcement explaining the reason the call cannot be completed. If the 500 Access Service customer accepts 500 calls and subsequently cannot collect from the calling or called party, the Telephone Company is not responsible for the uncollected charges. Calls to 0- will reach a live operator intercept who will give dialing instructions to the calling party to dial 1+ 500 or 0+ 500. International dialing (e.g., 01 and 011+500+NX-XXXX) will not be accepted for reaching a 500 access service customer.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.5 500, 900 and Toll Free Access Service (Cont'd)(A) 500 Access Service (Cont'd)

When 500 Access Service is provided from an end office equipped with equal access capabilities, all such service will be provisioned in accordance with the technical characteristics available with Feature Group D and ATAXXX.

When 500 Access Service is provided from an end office not equipped with equal access capabilities, such service will be provisioned in accordance with the technical characteristics of ATANEA, ATAXXX, or Feature Group C or D.

500 Access Service originating from equal access end offices with the calling party's identification will be provided using access signaling with overlap outpulsing and ten-digit ANI, or with SS7 out of band signaling when the customer has ordered the CCSAC optional feature with Feature Group D or ATAXXX.

500 Access Service originating from a non-equal access end office or handicapped sources routed via operator switched without complete end user identification will be provided using traditional signaling. 500 Access Service traffic will be combined in the same trunk group arrangement with other 500 and non-500 Access Service traffic unless the customer orders a separate trunk group only for its 500 Access traffic. The customer can obtain a separate trunk group using traditional signaling at the access tandem.

500 Access Service usage measurement shall be in accordance with the regulations set forth in 6.7.6 following for Feature Group D and ATAXXX.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.5 500, 900 and Toll Free Access Service (Cont'd)(B) 900 Access Service

900 Access Service is an originating offering utilizing trunk side Switched Access Service or Access Trunk Arrangement. The service provides a customer identification function based on the dialed 900 number at Telephone Company appropriately equipped end offices or tandem switches.

When a 1+900+NXX-XXXX or 0+900+NXX-XXXX call is originated by an end user, the Telephone Company will perform the customer identification function based on the dialed digits to determine the customer location to which the call is to be routed. If the call originates from an end office switch not equipped to provide the customer identification function, the call will be routed to an office at which the function is available. Once customer identification has been established, the call will be routed to the customer. 900 Access Service must be provided from all equal access end offices subtending a tandem. Calls originating in an end office switch in which the customer has not ordered 900 Access Service will be routed to intercept. 900 calls from COIN, 0+, 0-, 101XXXX inmate service, hotel motel and calling card will be blocked. The customer may request via an ASR to the Telephone Company, unblocking of 0+ and 0- 900 calling on all classes of service except inmate.

When 900 Access Service is provided from an end office equipped with equal access capabilities, all such service will be provisioned in accordance with the technical characteristics available with ATAXXXX or Feature Group D.

When 900 Access Service is provided from an end office not equipped with equal access capabilities, such service will be provisioned in accordance with the technical characteristics of ATANEA or ATAXXXX or Feature Group C or D.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.5 500, 900 and Toll Free Access Service (Cont'd)(B) 900 Access Service (Cont'd)

900 Access Service originating from equal access end offices with the customer identification function will be provided using exchange access signaling. 900 Access Service originating from end offices not having equal access capability, will be provided using conventional signaling. On traffic using conventional signaling, other than ATANEA or FGC, the customer's facilities shall provide off-hook or answer supervision when the called party answers.

900 Access Service usage measurement shall be in accordance with the regulations set forth in 6.7.6 following for ATANEA, ATAXXX or for Feature Groups C or D.

The Telephone Company will work cooperatively with the customer to implement any network management controls (e.g. call gapping and code blocking) to protect the network from traffic surges due to peaked 900 Access Services. Customer notification of peaked services is required as set forth in 6.6.1(D).

900 Access Service will be available in every LATA.

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6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.5 500, 900 and Toll Free Access Service (Cont'd)(C) Toll Free Access Service

Toll Free Access Service is an originating offering utilizing trunk side Switched Access Service or Access Trunk Arrangement. The basic service provides a customer identification function with Area of Service (AOS) routing, based on the dialed Toll Free number, at Telephone Company Toll Free Access Service Switching Points (SSPs). AOS routing is based on originating LATA, NPA, or NPA NXX.

When a Toll Free call is originated from an end user, the Toll Free call is held at the SSP while a query is launched to the Toll Free Service Control Point (SCP). The customer identification with AOS, in the form of SS7 signaling information is passed back from the SCP to the SSP from which the query originated and the call can then be routed to the correct customer location. If the call originates from an end office not equipped to provide the customer identification function, the call will be routed to the SSP equipped Telephone Company access tandem. (SSP Telephone Company equipped central offices are identified in NECA FCC No. 4.) Once customer identification has been established, the call will be routed to the customer for completion. Calls originating from a service area in which the customer has not ordered Toll Free Access Service will be routed to intercept. *

At the option of the customer, the Tandem Signaling optional feature as described in 6.1.2(A)(6)(f) preceding, is available on Toll Free Access Service only in a customer's end office which is also a SSP.

Customers may choose various vertical options in addition to the basic query as described in (1) following.

When Toll Free Access Service is provided from an end office equipped with equal access capabilities, all such service will be provisioned in accordance with the technical characteristics available with ATAXXX or FGD, and will be provided using exchange access signaling.

* Customer identification for Canadian and Caribbean Toll Free numbers will be performed by Six Digit Master List Turnaround.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.5 500, 900 and Toll Free Access Service (Cont'd)(C) Toll Free Access Service

Toll Free Access Service measurement will be accordance with the regulations set forth in 6.7.6 following for ATAXXX or for Feature Group D. Toll Free Access Service will be available in every LATA.

Rates and charges associated with Toll Free Access Service Queries and vertical features are described in 6.7.1 following.

(1) Toll Free Access Service Basic Query and Vertical Features(a) Basic Toll Free Access Service Query

The Basic Toll Free Access Service Query is provided via SSP equipped Telephone Company Central Offices to access the Toll Free Data Base which will provide customer specific identification of the dialed Toll Free number, thus enabling call completion.

(b) Plain Old Telephone Service (POTS) Translation

The POTS Translation optional service may be ordered in conjunction with the Basic Toll Free Access Service Query and will provide the customer a POTS translation of the dialed Toll Free number.

(c) Multiple Destination Routing

The Multiple Destination Routing may be ordered in conjunction with the Basic Toll Free Access Service Query and allows either Toll Free turnaround or POTS translation with Time of Day, Day of Week, Date of Year and/or Per Cent Allocation of Traffic (calls) between subscriber terminations.

(d) Six Digit Master Number List Turnaround

The Six Digit Master Number List Turnaround uses database access for routing six digit Canadian, Caribbean, or special codes which are not part of number portability.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.6 Network Access Services(A) Dedicated Network Access Link (DNAL)(1) Description

The Dedicated Network Access Link (DNAL) provides a dedicated analog data channel between the customer's designated premises and a Telephone company switch or central office for the control of features and functions. The DNAL is primarily used in conjunction with Switched Access or central office based services requiring a separate link for transmitting network signaling or control information. The Switched Access Basic Service Element (ESE) determines the requirement for speed, type and number of DNALS. The DNAL can only be used in conjunction with its respective BSE.

(a) Type 1 DNAL

This Dedicated Network Access Link passes signals which are used by a customer to busy out a predetermined group of lines or trunks. Type 1 DNAL may be ordered as a two-wire or four-wire analog interface and is used in conjunction with the Availability and Stop Hunting Control Arrangement as described in Sec 6.2.6 following. Technical Reference TR-NPL-000335 further defines Type 1 DNAL under Voice Grade 2.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.6 Network Access Services (Cont'd)(A) Dedicated Network Access Link (DNAL) (Cont'd)(1) Description (Cont'd)(b) Type 2 DNAL

This Dedicated Network Access Link passes signals which are used to report the integrity of a customer's client's line when ordered in conjunction with Alarm Plus as described in Section 6.2.6 following. Technical Reference TR-NPL-000335 further defines Type 2 DNAL under Voice Grade 6.

(2) Optional Features(a) Availability and Stop Hunting Control Arrangement (BSE)

Availability and Stop Hunting Control Arrangement provides the customer the ability to busy out a predetermined group of lines or trunks. This capability is activated by a customer provided key at the customer premises. The activation signal is transmitted to the Telephone Company's central office via a Type 1 Dedicated Network Access Link (DNAL) as specified in 6.2.6 preceding.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.2 Provision and Description of Switched Access Service (Cont'd)6.2.6 Network Access Services (Cont'd)(A) Dedicated Network Access Link (DNAL) (Cont'd)(2) Optional Features (Cont'd)(b) Port Access to Verify Integrity of Subscriber Lines (PAVISL) (BSE)

Port Access to Verify Integrity of Subscriber Lines provides the ability for a service provider to monitor the service provider's client's single party exchange access line. The service provider is connected to a telephone-company host computer via Type 2 DNAL. The host computer provides access to a scanning device which is used to repetitively poll the client's Subscriber Terminal Unit (STU). The STU is connected to alarm or monitoring sensors to detect a change in status of the client's exchange access line. The status of the client's exchange access line is then transmitted back to the host computer access port via the service provider's DNAL. The host computer port access is limited on a first come first serve basis. Two ports are required. PAVISL is offered only where equipment and facilities are compatible and available. The service provider's client must also order the Telephone Company's local exchange service known as Alarm Plus.SM

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features

Following are descriptions of the various optional features that are available in lieu of, or in addition to, the standard features provided with the Feature Groups and Basic Service Arrangements. Some optional features may be non-chargeable when ordered with Feature groups and may be separately rated when ordered with Basic Service Arrangements.

6.3.1 Common Switching(A) Call Denial on Line or Hunt Group (CAD)

This screening option limits terminating ALA or Feature Group A calls to completion within the LATA where the ALA or Feature Group A line resides. InterLATA and international calls are blocked as well as calls which may potentially terminate outside the LATA. Blocked calls are:

- Operator-handled calls (0-, 00-, 0+, 011+, 01+)
- Calls to 700 NPA codes
- Calls to 950 NXX codes
- Calls to the 900 NPA
- Calls to 976 NXX code
- Calls to 10XXX interLATA
- Calls to 959 NXX code
- Calls to 611 Repair Service
- Calls to 911 Emergency Service

The call denial option allows calls to terminate to any NXX within the LATA served by the ALA or FGA line that doesn't have a special charge associated with it, (exception: 411 or 555-1212). Calls are permitted to 411, 555-1212, 7DZUM, 800 and 7D/10D intraLATA toll.

Blocked calls are routed to a reorder tone or recorded announcement. This feature is provided in all Telephone Company electronic end offices, and where available, in electromechanical end offices. This option is available with Feature Group A or an Access Line Arrangement.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(B) Service Code Denial on Line or Hunt Group (SCD)

This screening option disallows completion of terminating ALA or Feature Group A calls to local directory assistance (411 and 555-1212), to service codes 611 and 911, and to local operator assistance (0 and 00-). Blocked calls are routed to a reorder tone or recorded announcement. This feature is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices. This option is available with Feature Group A or an Access Line Arrangement.

(C) Multiline Hunt Group* or Hunt Group Arrangement HML/HTG)

This option provides the ability to sequentially access one of two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. It is available with an Access Line Arrangement or Feature Group A. ALA or FGA services with different methods of providing off-hook supervisory signalling cannot be mixed in the same hunt group arrangement. When ordered in conjunction with an ALA, this option is a chargeable Basic Service Element as set forth in 6.8.2 following.

* Multiline Hunt Group is the generic name of the ONA Service in Bell Operating Companies ONA Special Report #5.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3.1 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(D) Multiline Hunt Group-UCD Line Hunting* Uniform Call Distribution Arrangement (UCD)

This option provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Feature Group A or an Access Line Arrangement. *When ordered in conjunction with an ALA, this option is a chargeable Basic Service Element as set forth in 6.8.2 following.

(E) Multiline Hunt Group-Individual Access to Each Port in Hunt Group* Nonhunting Number for Use with Hunt Group or Uniform Call Distribution Arrangement (NHN)

This option provides an arrangement for an individual line within a multiline hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is provided in Telephone Company electronic end offices only. It is available with Feature Group A or an Access Line Arrangement. *When ordered in conjunction with an AIA, this option is a Basic Service Element as set forth in 6.8.2. following.

* Multiline Hunt Group-UCD Line Hunting and Multiline Hunt Group-Individual Access to each port in hunt group are the generic name of the ONA service in Bell Operating Companies ONA Special Report #5.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(F) Automatic Number Identification (ANI)

- (1) This option provides the automatic transmission of a seven or ten digit number and information digits to the customer designated premises for calls originating in the LATA, to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with
 - (a) all individual transmission paths in a trunk group routed directly between an end office and a customer designated premises or, where technically feasible, with
 - (b) all individual transmission paths in a trunk group between an end office and an access tandem, and a trunk group between an access tandem and a customer designated premises.
- (2) The seven digit ANI telephone number is available with ATA950 and ATANEA or Feature Groups B and C. With these Access Arrangements or Feature Groups, technical limitations may exist in Telephone Company switching facilities which require ANI to be provided only on a directly trunked basis. ANI will be transmitted on all calls except those originating from multiparty lines and pay telephones using ATA950 or Feature Group B, or when an ANI failure has occurred.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(F) Automatic Number Identification (ANI) (Cont'd)

- (3) The ten digit ANI Calling Billing Number Delivery - FGD Protocol* telephone number is only available with ATAXXX or ATAXXX with the CCSAC Optional Feature or Feature Group D. When the CCSAC optional feature is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature, as described in 6.3.1(Z), following. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described below). When ordered in conjunction with ATAXXX, this option is a chargeable Basic Service Element as set forth in 6.8.2 following.
- (4) With ATANEA or Feature Group C, at the option of the customer, ANI may be ordered from end offices where Telephone Company recording for end user billing is not provided.
- (5) ANI is not provided from end offices where the Telephone Company forwards ANI to its recording equipment. Where ANI cannot be provided, e.g., on calls from 4 and 8 party services, information digits will be provided to the customer.

The information digits identify:

- (a) telephone number is the station billing number
- no special treatment required,

*Calling Billing Number Delivery-FGD Protocol is the generic name of the ONA Service in Bell Operating Companies ONA Special Report #5.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(F) Automatic Number Identification (ANI) (Cont'd)

(5) (Cont'd)

- (b) multiparty line - telephone number is a 4- or 8-party line and cannot be identified number must be obtained via an operator or in some other manner,
- (c) ANI failure has occurred in the end office switch which prevents identification of calling telephone number - must be obtained by operator or in some other manner,
- (d) hotel motel originated call which requires room number identification,
- (e) coinless station, hospital, inmate, etc. call which requires special screening or handling by the customer, and
- (f) call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the customer and is not the telephone number of the calling party.

These ANI information digits are available with Feature Groups B, C, and D and Access Trunk Arrangements.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(G) Up to 7 Digit Outpulsing of Access Digits to Customer (USD0)

This option provides for the end office capability of providing up to 7 digits of the uniform access code (950-0XXX, 950-1XXX) to the customer designated premises. The customer can request that only some of the digits in the access code be forwarded. The access code digits would be provided to the customer designated premises using multifrequency signaling, and transmission of the digits would precede the forwarding of ANI if that feature were provided. It is available with Feature Group B or ATA950.

(H) Cut-Through (CT0)

This option allows end users of the customer to reach the customer's premises by using the end of dialing digit (#). This option provides for connection of the call to the premises of the customer indicated by the 10XXX code upon receipt of the end of dialing digit (#). The Telephone Company will not record any other dialed digits for these calls. This option is available with Feature Group D or ATAXXX.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd) (T)6.3.1 Common Switching (Cont'd)(I) Delay Dial Start-Pulsing Signaling (DDSP) (T)

This option provides a method of indicating to the near end trunk circuit readiness to accept address signaling information by the far end trunk circuit. Delay dial is often referred to as an off-hook, on-hook signaling sequence. The delay dial signal is the off-hook interval and the start-pulsing signal is the on-hook interval. With integrity check, the calling office will not outpulse until a delay dial (off-hook) signal followed by a start-pulsing (on-hook) signal has been identified at the calling office. This option is available with Feature Group C or ATANEA.

(J) Immediate Dial Pulse Address Signaling (ADS IDP)

This option provides for the forwarding of dial pulses from the Telephone Company end office to the customer without the need of a start-pulsing signal from the customer. It is available with Feature Group C or ATANEA.

(K) Dial Pulse Address Signaling (ADS DP)

This trunk side option provides for the transmission of number information, e.g., called number, between the end office switching system and the customer designated premises (in either direction) by means of direct current pulses. It is available with Feature Group C or ATANEA.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(L) Service Class Routing (SCRT)

This option provides the capability of directing originating traffic from an end office to a trunk group to a customer designated premises, based on the line class of service (e.g., coin, multiparty or hotel/motel), service prefix indicator (e.g., 0-, 0+, 01+ or 011+) or service access code (e.g., 500, 800 or 900). It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups C and D or ATANEA and ATAXXX.

(M) Alternate Traffic Routing (ARTG)(1) Multiple Customer Premises Alternate Routing

This option provides the capability of directing originating traffic from an end office (or appropriately equipped access tandem) to a trunk group (the "high usage" group) to a customer designated premises until that group is fully loaded, and then delivering additional originating traffic (the "overflowing" traffic) from the same end office or access tandem to a different trunk group (the "final" group) to a second customer designated premises. The customer shall specify the last trunk CCS desired for the high usage group. It is provided in suitably equipped end office or access tandem switches and is available with Feature Groups B, C and D and Access Trunk Arrangements.

(2) End Office Alternate Routing When Ordered in Trunks

This option provides an alternate routing arrangement for customers who order originating traffic in trunks and these trunks serve an end office via two routes: one route via an access

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(M) Alternate Traffic Routing (ARTG) (Cont'd)(2) End Office Alternate Routing When Ordered in Trunks (Cont'd)

tandem and one direct route. The feature allows the customer originating traffic from the end office to be offered first to the direct trunk group and then overflow to the access tandem group. It is provided in suitably equipped end offices and is available with Feature Groups B, C and D and Access Trunk Arrangements.

Alternate routing is not available with the Tandem Signaling optional feature as described in Section 6.1.2(A)(6)(f), preceding.

(N) Trunk Access Limitation (CHOK)

This option provides for the routing of originating 900 service calls to a specified number of transmission paths in a trunk group, in order to limit (choke) the completion of such traffic to the customer. Calls to the designated service which could not be completed over the subset of transmission paths in the trunk group, i.e., the choked calls, would be routed to reorder tone. It is provided in all Telephone Company electronic end offices and where available in electromechanical end offices. It is available with Feature Groups C and D or ATANEA and ATAXXX. Either Trunk Access Limitation, or Call Gapping Arrangement, 6.3.1(0), following, should be used with originating 900 Service where a concentrated high volume of 900 calling is expected. The Telephone Company will work cooperatively with the customer to determine when such options may be necessary.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(0) Call Gapping Arrangement (CGAP)

This option, provided in suitably equipped end office switches, provides for the routing of originating calls to 900 service to be switched in the end office to all transmission paths in a trunk group at a prescribed rate of flow, e.g., one call every five seconds, in order to limit (choke) the completion of such traffic to the customer. This option is activated at the request of the customer during normal business hours, i.e., 8:00 a.m. to 5:00 p.m. In addition, this option may be activated for no longer than a 24 hour period. Calls to the designated service which are denied access by this feature, i.e., the choked calls, would be routed to a no-circuit announcement. It is provided in selected ATAXXX or Feature Group D equipped end offices and is available only with ATAXXX or Feature Group D. Either Trunk Access Limitation, 6.3.1(N) preceding, or Call Gapping Arrangement should be used with originating 900 Service where a concentrated high volume of 900 calling is expected. The Telephone Company will work cooperatively with the customer to determine when such options may be necessary.

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6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(P) International Carrier Option (INCO)

This option allows for ATAXXXX or Feature Group D end offices or access tandem switches equipped for International Direct Distance Dialing to be arranged to forward the international calls of one or more international carriers to the customer (i.e., the Telephone Company is able to route originating international calls to a customer other than the one designated by the end user either through presubscription or 101XXXX dialing). This arrangement requires provision of written verification to the Telephone Company that the customer is authorized to forward such calls. The written verification must be in the form of a letter of agency authorizing the customer to order the option on behalf of the international carrier. This option is only provided at Telephone Company end offices or access tandems equipped for International Direct Distance Dialing. It is available with Feature Group D or ATAXXXX.

(Q) Band Advance Arrangement for Use with WATS Access Line Service (BAAD)*

This option, which is provided in association with two or more Special Access Service groups, provides for the automatic overflow of terminating calls to a WATS Access Line Service group, when that group has exceeded its call capacity to another WATS Access Line Service group with a band designation equal to or greater than that of the overflowing WATS Access Line Service group. Band Advance will only be provided from one WATS Access Line Service group to another WATS Access Line Service group of the same IC. This arrangement does not provide for call overflow from a group with a higher band designation to one with a lower one. This option is available with Feature Groups A, B, C, D and all Access Line and Trunk Arrangements.

* This optional feature is not available with unbanded services such as UWAL.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(R) End Office End User Line Service Screening for Use
with Originating Only WATS Access Line Service (BAND)

This option provides the ability to verify that an end user has dialed a called party address (by screening the called NPA and or NXX on the basis of geographical bands selected by the Telephone Company) which is in accordance with that end user's service agreement with the customer, e.g., WATS. This option is provided in all Telephone Company electronic end offices and, where available, in electromechanical end offices in which WATS Access Line Service is provided. It is available with Feature Groups C and D or ATANEA and ATAXXX.

(S) Hunt Group Arrangement for Use with WATS Access Line
Service (HML HTG)

This option provides the ability to sequentially access one of two or more WATS Access Line Services (e.g., 800 Service access lines) in the terminating direction, when the hunting number of the WATS Access line group is forwarded from the customer to the Telephone Company. This feature is provided in all Telephone Company end offices in which WATS Access Line Service is provided. It is available with Feature Groups A, B, C, D and all Access Line and Trunk Arrangements.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(T) Uniform Call Distribution Arrangement for Use with
WATS Access Line Service (HYT UD)

This option provides a type of multiline hunting arrangement which provides for an even distribution of terminating calls among the available Special Access Services utilized in the provision of WATS or WATS-type Services in the hunt group. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups A, B, C, D and all Access Line and Trunk Arrangements.

(U) Nonhunting Number for Use with Hunt Group Arrangement
or Uniform Call Distribution Arrangement for Use with
WATS Access Line Service (NHN)

This option provides an arrangement for an individual Special Access Service utilized in the provision of WATS or WATS-type Services within a multiline hunt or uniform call distribution group that provides access to that Special Access Service within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available, this feature is only provided in Telephone Company designated WATS Serving Offices. It is available with Feature Groups A, B, C, D and all Access Line and Trunk Arrangements.

(V) Flexible Automatic Number Identification

- (1) This option is an enhancement to Automatic Number Identification (ANI) and facilitates information digits not available with ANI. The Flexible ANI feature allows the utility to associate new ANI information digit assignments with originating routing and screening translations as they are assigned by the North American Numbering Plan (NANP).

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(V) Flexible Automatic Number Identification (Cont'd)

- (2) Flexible ANI is only available on Feature Group D or ATAXXX, in equal access end offices where technically feasible, and will work in conjunction with ten digit ANI (as previously described in 6.3.1.F).
- (3) When a customer orders Flexible ANI, all available ANI digits will be delivered. A customer may not specify individual digits.

The information digits identify:

- (a) 52 - Outward Wide Area Telecommunications Service (OUTWATS) routed via a combined WATS-POTS trunk group,
- (b) 93 - Originating call is a private virtual network type of service call.

(W) Call Transfer*

This option permits a customer who has established a call using an Access Line Arrangement to add another party to the call to establish a three-way conference call. Once the three-way conference call has been established, the customer may drop its connection without disconnecting the other two parties and may use its service to make another call. In addition, a customer may hold a second call while maintaining privacy from the first call. This feature, available with ALA, is provided from suitably equipped Telephone Company offices.

*Call Transfer is also known as Three Way Call Transfer in Bell Operating Companies ONA Special Report #5.

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6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(X) Direct Inward Dialing (DID)

Direct Inward Dialing Service is offered with Access line Arrangement (ALA) only. Up to seven-digit outpulsing of the called telephone number is provided to the customer premises. The number of digits forwarded by the central office switch is determined at the time the service is ordered.

Due to the absence of central office switch measurement capabilities, assumed minutes of use as described in 6.7.6 (A) following are applied for lineside Basic Serving Arrangements (BSAs) used in conjunction with DID BSE.

Terminating service is not provided. Other Lineside BSA features or BSEs, except DID Trunk Queuing BSE are not available in conjunction with this BSE.

(Y) Calling Party Number (CPN)

This option provides for the automatic transmission of the calling party's ten-digit telephone number to the customer's premises for calls originating in the LATA. The ten-digit telephone number consists of the NPA plus the seven-digit telephone number, which may or may not be the same as the calling station's charge number. The ten digit telephone number will be coded as presented, or restricted via a "Privacy Indicator" for delivery to the called end user. The specific protocol for CPN is described in Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. This feature is available only with originating FGD or ATAXXX when the CCSAC optional feature is specified.

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6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(Z) Charge Number (CN)

This option provides for the automatic transmission of the ten-digit billing number of the calling station and originating line information. The specific protocol for CN is described in Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. This feature is available with originating FGD when the CCSAC optional feature is specified. This feature is also available with originating FGD or ATAXXX when the CCSAC optional feature is specified as a chargeable Basic Service Element as described in 6.8.2(B) following. CN is the SS7 out of band signaling equivalent of ANI with multifrequency address signaling, as described in 6.3.1(F) preceding.

(AA) Carrier Selection Parameter (CSP)

This option provides for the automatic transmission of a signaling indicator which signifies to the customer whether the call being processed originated from a presubscribed end user of that customer. The specific protocol for CSP is described in Bellcore Common Channel Signaling Network Specification Technical Reference TR-TSV-000905. This feature is available only with originating FGD or ATAXXX when the CCSAC optional feature is specified.

(AB) Answer Supervision - Lineside BSE

Answer supervision - lineside provides the capability to deliver "off hook" supervisory signals from the terminating central office switch to a lineside interface at the originating central office switch. These signals indicate when the called station has answered an incoming call. Answer supervision will only be provided in RENONV02* on a trial basis for 18 months and is available with FGA or ALA service.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.1 Common Switching (Cont'd)(AC) Access Transport Parameter (ATP)

This option provides for the transmission of Integrated Services Digital Network (ISDN)/SS7 call set-up information from the originating Switch to the customer's premises and, on terminating access from the customer's premises to the terminating switch. This option is available only with FGD or ATAXXX with CCSAC where technical capabilities exist. The specific protocol for ATP is specified in technical reference TR-TSV-000962.

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6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.2 Transport Termination(A) Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the customer designated premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with Feature Group B or ATA950, only on a directly trunked basis.

(B) Operator Trunk - Modified Operator Service (MOS) - Coin, Non-Coin, or Combined Coin and Non-Coin

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available with ATANEA, ATAXXX, Feature Group C and D and is provided in electronic end offices and other Telephone Company end offices where equipment is available. It is provided as a trunk type of Transport Termination.

Coin:

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating coin calls requiring operator assistance to the customer designated premises. Because operator assisted coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

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6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.2 Transport Termination (Cont'd)(B) Operator Trunk - Modified Operator Service (MOS) - Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

The operator assistance coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature. The trunk groups equipped with this arrangement will be terminated at the customer's specific location.

Non-Coin:

This arrangement provides for the routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating non-coin calls requiring operator assistance to the customer designated premises. Because operator assisted non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

The operator assistance non-coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature. The trunk groups equipped with this arrangement will be terminated at the customer's specified location. When so equipped, the ANI feature provides for the forwarding

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.2 Transport Termination (Cont'd)(B) Operator Trunk - Modified Operator Service (MOS) Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

Combined Coin and Non-Coin:

This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating operator assisted coin and non-coin calls requiring operator assistance to the customer designated premises. Because operator assisted coin and non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

This arrangement is normally ordered by the customer in conjunction with the ANI optional feature. The trunk groups equipped with this arrangement will be terminated in the customer's specified location. When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless pay telephones, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.2 Transport Termination (Cont'd)(B) Operator Trunks - Modified Operator Services (MOS)
- Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

This option provide the operator function available in the end office to the customer's specified location. These functions are (1) Operator Release, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, (5) Ring Back. It is available from the Telephone Company's equal access end office to the customer's specified location. This option is not available in combination with the CCSAC optional feature.

(C) Operator Trunk - Exchange Access Operator Service Systems (EAOSS)

This option provides the operator functions available in the end office to the customer's specified location for Coin 1+, 01+, 011+, 0+ and 0-. These functions are (1) Operator Released, (2) Operator Attached, (3) Coin Collect, (4) Coin Return, and (5) Ringback. It is available with ATAXXX or Feature Group D and is provided as a trunk type of Transport Termination from the Telephone Company's coin tandem or direct from the equal access end office to the customer's specified location, where technically feasible.

6.3.3 WATS Access Line Termination

The WATS Access Line Termination are differentiated by line side vs. trunk side terminations. The standard WATS Access Line arrangement is available with a line side termination. There are various types of originating, terminating and two way line side terminations depending on the type of signaling associated with the WATS Access Line; (i.e., loop start or ground start). Line side terminations are available with either dial pulse or dual tone multifrequency address signaling.

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6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.3 WATS Access Line Termination

Available nonchargeable line sides and trunk side terminations can be found in Technical Reference TR-NPL-000334.

In addition, there are also various types of originating, terminating and two way WATS Access line trunk side terminations that are available in lieu of standard line side terminations. Trunk side terminations are provided only in association digital (i.e., DS1) WATS Access Line Service or with certain Line Termination optional features as specified following:

(A) Line Termination Optional Features for Trunk Side Connections

The Telephone Company will at the option of the customer, provide the following Line Termination optional features in association with WATS Access Lines Service.

(1) E&M Supervisory Signaling

The E&M Supervisory Signaling optional feature, which is available with four-wire originating, terminating and two way WATS Access Lines, provides for E&M Type 1, Type 2 or Type 3 Supervisory Signaling in lieu of loop start or ground start Supervisory Signaling.

Dialed Number Identification Services (DNIS)

The Dialed Number Identification Service optional feature, which is available with terminating only and two way WATS Access Lines, permits a customer's end

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6. Switched Access Service (Cont'd)6.3 Local Switching Optional Features (Cont'd)6.3.3 WATS Access Line Termination (Cont'd)(A) Line Termination Optional Features for Trunk Side Connections (Cont'd)(2) Dialed Number Identification Services (DNIS)
(Cont'd)

user with multiple 800 Service telephone numbers in the same service group to identify the specific telephone number which was dialed by the calling party. Identification is accomplished by outpulsing four digits which distinguish the dialed 800 Service number to customer premises equipment at the end user's premises. The digits are outpulsed to the end user premises over the WATS Access Lines. All WATS Access Lines in the same service group must be equipped for DNIS. The number of dialable 800 Service telephone numbers accessing a service group equipped for DNIS cannot exceed the number of WATS Access Lines in the service group. DNIS is provided with either reverse battery or E&M type supervisory signaling as follows:

Reverse Battery: Two-Wire, terminating only
 Four-Wire, terminating only

E&M: Four-Wire, terminating only
 Four Wire, two way

(3) WATS Answer Supervision

The WATS Answer Supervision optional feature, which is available with originating only and two way WATS Access Lines, provides a signal to customer premises equipment at the end user premises that indicates that the called end user has answered, when such indication is provided by the interexchange carrier. Answer Supervision is provided with either reverse battery or E&M type supervisory signaling as follows:

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6. Switched Access Service (Cont'd)

6.3 Local Switching Optional Features (Cont'd)

6.3.3 WATS Access Line Termination (Cont'd)

(3) WATS Answer Supervision (Cont'd)

Reverse Battery:	Two-Wire, originating only
E&M:	Four-Wire, originating only
	Four Wire, two way

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6. Switched Access Service (Cont'd)6.4 Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Basic Service Arrangement or Feature Group, the Interface Group and whether the service is directly routed or via an access tandem. The available transmission specifications are set forth in 15.2.1 following. Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters set forth in 15.2.2(A), 15.2.2(B), or 15.2.2(C) are not being met, conduct tests independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met.

The Telephone Company will maintain existing transmission specifications on functioning service configurations installed prior to May 25, 1984 except that service configurations having performance specifications exceeding the standards listed in this provision will be maintained at performance levels specified in this tariff.

The transmission specifications concerning Switched Access Service are immediate action limits and are set forth in 15.2 following. Acceptance limits are set forth in Technical Reference TR-NPL-000334. This Technical Reference also provides the basis for determining Switched Access Service maintenance limits.

Transmission specifications for SS7 Signaling Connections are set forth in Bellcore Common Channel Signaling Network Specifications Technical Reference TR-TSV-000905.

Transmission specifications for FGD or ATAXXX with CCSAC and the 64CCC optional feature are set forth in Technical Reference TR-NWT-000938.

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6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company

In addition to the obligations of the Telephone Company set forth in 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

6.5.1 Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connections with little or no delay encountered within the Telephone Company network. The Telephone Company maintains the right to apply protective controls, i.e., those actions, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(B)(3) preceding.

The Telephone Company SS7 signaling network will provide management functions as described in detail in Bellcore Common Channel Signaling Network Specifications Technical Reference TR-TSV-000905.

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6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company6.5.2 Design and Traffic Routing of Switched Access Service

For ATANEA and ATAXXX or Feature Groups C and D, the Telephone Company shall design and determine the routing of Switched Access Service, including the selection of the first point of switching and the selection of facilities from the interface to any switching point and to the end offices where busy hour minutes of capacity are ordered. The Telephone Company shall also decide if capacity is to be provided by originating only, terminating only, or two-way trunk groups. Finally, the Telephone Company will decide whether trunk side access will be provided through the use of two-wire or four-wire trunk terminating equipment. Selection of facilities and equipment and traffic routing of the service are based on standard engineering methods, available facilities and equipment, and the Telephone Company traffic routing plans. If the customer desires routing or directionality different from that determined by the Telephone Company, the Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be routed directly to an end office or through an access tandem switch and (2) the directionality of the service.

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6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company (Cont'd)6.5.2 Design and Traffic Routing of Switched Access Service
(Cont'd)

For ALA and ATA950 or Feature Groups A and B, the line or trunk directionality and traffic routing of the Switched Access Service between the customer's premises and the entry switch are determined by the customer's order for service. Additionally, for ATA950 or Feature Group B the customer may order the optional feature Customer Specification of Local Transport Termination.

6.5.3 Provision of Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage, failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections, e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis.

6.5.4 Trunk Group Measurement Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company (Cont'd)6.5.5 Determination of Number of Transmission Paths

For ALA and ATA950 or Feature Groups A and B, which are ordered on a per line or per trunk basis respectively, the customer specifies the number of transmission paths in the order for service. For DNALs, the customer will specify the number of channels.

The Telephone Company will determine the number of Switched Access Service transmission paths to be provided for the ATANEA and ATAXXX or Switched Access Feature Group C and D busy hour minutes of capacity ordered. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of a frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between a customer's premises and a Telephone Company location. The number of transmission paths will be developed using the total busy hour minutes of capacity by type (as described in 6.1.1(E) preceding) for the end offices for each Basic Service Arrangement or Feature Group ordered from a customer's designated premises. The total busy hour minutes of capacity by type for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of access tandem switches and end office switches, (2) the use of end office switches only, or (3) the use of tandem switches only.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company (Cont'd)6.5.6 Determination of Number of End Office Transport Terminations

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches, an equivalent termination will be provided for each transmission path provided.

6.5.7 Design Blocking Probability

The Telephone Company will cooperate in the design of the number of the facilities used in the provision of Switched Access Service. The Telephone Company will monitor the facilities used in the provision of Switch Access Services to meet the blocking probability criteria as set forth in (A) through (F) following.

- (A) For ALA and ATA950 or Feature Groups A and B, and DNALs no design blocking criteria apply.
- (B) For ATANEA or Feature Group C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking.
- (C) For ATAXXX or Feature Group D, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's designated premises and the end office switch, whether the traffic is directly routed without an alternate route or routed

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6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company (Cont'd)6.5.7 Design Blocking Probability (Cont'd)

(C) (Cont'd)

via an access tandem. Standard traffic engineering methods as set forth in reference document Technical Reference PUB TREOP-000178 Trunk Traffic Engineering Concepts and Applications (Chapters 6-7) will be used by the Telephone company to determine the number of transmission paths required to achieve this level of blocking.

(D) For Entrance Facility no design blocking criteria apply. For Direct Trunked transport used in provision of ALA, ATA950 and Feature Groups A and B, no design blocking criteria apply. For Direct Trunked transport used in provision of ATAXXX and Feature Groups C and D, the design blocking objective is the same as for the ATAXXX or Feature Group C or D using the facility. For Tandem Switched Facility, the design blocking objective is the same as for the ALA, ATA or Feature Group using the facility.

(E) The design blocking criteria for 500,800 or 900 Access Service provided from an end office not equipped with equal access capabilities will be equivalent to that set forth preceding for ATANEA or Feature Group C except when more than one tandem is employed in the transport of a 500, 800 or 900 Access Service call. The design blocking criteria for 500, 800 or 900 Access Service provided from an end office equipped with equal access capabilities will be equivalent to that set forth preceding for ATAXXX or Feature Group D except when more than one tandem is employed in the transport of an 800 Access Service call. For 900 Access Service, where trunk access limitation as set forth in 6.3.1.(N) is applicable, design blocking criteria does not apply.

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6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company (Cont'd)6.5.7 Design Blocking Probability (Cont'd)

(F) The Telephone Company will perform routine measurement functions except on ALA and ATA950 or Feature Groups A and B to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., trunks) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.

- (1) For transmission paths carrying only first routed traffic direct between an end office and customer's designated premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

<u>Number of Transmission Paths Per Trunk Group</u>	<u>Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group</u>			
	<u>15-20</u>	<u>11-14</u>	<u>7-10</u>	<u>3-6</u>
	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>	<u>Measurements</u>
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

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6. Switched Access Service (Cont'd)6.5 Obligations of the Telephone Company (Cont'd)6.5.7 Design Blocking Probability (Cont'd)

(F) (Cont'd)

- (2) For transmission paths carrying first routed traffic between an end office and customer's premises via an access tandem, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20	11-14	7-10	3-6
	Measurements	Measurements	Measurements	Measurements
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.035	.030	.040

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6. Switched Access Service (Cont'd)6.6 Obligations of the Customer

In addition to the obligations of the customer set forth in 2. preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

6.6.1 Report Requirements

Customers are responsible for providing the following reports to the Telephone Company, when applicable.

(A) Jurisdictional Reports

When a customer orders Switched Access Service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in 2.3.14 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the interstate charges is set forth in 2.3.15 preceding.

(B) Code Screening Reports

When a customer orders service class routing, trunk access limitation or call gapping arrangements, it must report the number of trunks and/or the appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

(C) 900 Access Service Code Reports

When ordering 900 Access Service, the customer must report the appropriate NXX Codes to be instituted. The Telephone Company will activate code identification at all offices where capability is available. The report must be updated by the customer

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6.1 Report Requirements (Cont'd)(C) 900 Access Service Code Reports (Cont'd)

each time a change is scheduled to occur, i.e., when a new code is to be added or an existing code is to be deleted. Such reports shall be provided according to negotiated service intervals in order to allow the Telephone Company sufficient time to implement the change.

(D) Substantial Call Volume 900 Services

When a customer offers services for which a substantial call volume is expected during a short period of time (e.g., media stimulated events) the customer must notify the Telephone Company at least 24 hours in advance of each peak period. For events scheduled during weekends or holidays, the Telephone Company must be notified no later than 5:00 p.m. local time the prior business day. Notification should include the nature, time, duration and frequency of the event, an estimated call volume, and the 900 NXX line number(s) to be used.

On the basis of the information provided, the Telephone Company will work cooperatively with the customer to implement network management controls if required to reduce the probability of excessive network congestion. The Telephone Company will also work cooperatively with the customer to determine the appropriate level of such control.

Failure to provide prescribed notification may result in customer caused network congestion, which could result in discontinuation of service under section 2.1.8 and/or damages under paragraph 2.1.3.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.6 Obligations of the Customer (Cont'd)6.6.2 Supervisory Signaling

The customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

6.6.3 CCSAC Measurement Data

The customer must provide the Telephone Company with the types of utilization, screening results and maintenance that are being made on SS7 Signaling Connections. The above information must be shared with the Telephone Company on an ongoing basis in order to provide capacity to transport and process interconnection traffic.

6.6.4 Trunk Group Measurement Reports

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

6.6.5 Design of Switched Access Services

When a customer orders Switched Access Service, it is the customer's responsibility to assure that sufficient access services have been ordered to handle its traffic.

6.6.6 Outbound Messaging Application

- (A) The Outbound Messaging Application customer is responsible for the delivery of signaling messages associated with Message Waiting from a Customer Designated Message Waiting Service (e.g., Voice Mail Provider) to the Telephone Company's SS7 signaling network.
- (B) The Outbound Messaging Application customer is responsible for the connectivity of the Customer Designated Message Waiting Service (e.g., Voice Mail Provider) for use with Outbound Messaging Application.
- (C) The Outbound Messaging Application customer is responsible for ensuring the accuracy and timeliness of Message Waiting signals sent from the customer's Designated Message Waiting Service (e.g., Voice Mail Provider).

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(N)

(N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Switched Access Service.

6.7.1 Description and Application of Rates and Charges

There are three types of rates and charges that apply to Switched Access Service. These are monthly recurring rates (including fixed and per mile rates), usage rates and nonrecurring charges. These rates and charges are applied differently to the various rate elements as set forth in (C), (D) and (E) following.

(A) Monthly Rates

Monthly rates (including fixed and per mile rates), are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days.

(B) Usage Rates

Usage rates (including fixed and per mile rates), are rates that apply only when a specific rate element is used. These are applied on a per call or per access minute basis. Calls or access minute charges are accumulated over a monthly period.

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Switched Access Service are: installation of service and service rearrangements.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(1) Installation of Service

Nonrecurring charges apply to each Switched Access Service installed. For Switched Access Service which is ordered on a per line or trunk basis, the charge is applied per line or trunk.

A DNAL channel termination charge, per point of termination, will apply to each DNAL ordered. In addition, nonrecurring charges apply per link when an SS7 Signaling Connection is installed for use with FGD or ATAXXX with the CCSAC optional feature.

(a) For an Entrance Facility which is ordered on a per transport channel basis, the charge is applied per transport channel.

(b) For Switched Access lines or trunks which traverse Direct Trunked Transport or Tandem Switched Transport, the nonrecurring charge is applied per transport channel transmission path.

For other optional features or Basic Service Elements, a nonrecurring charge applies per arrangement as shown in 6.8 following.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)

(2)

(3) Service Rearrangements

All changes to existing services other than changes involving administrative activities and the off-hook supervisory signaling of ALA or FGA Access Services, will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in (1) preceding will apply for this work activity. Moves that change the physical location of the point of termination are described and charged for as set forth in 6.7.5 following.

- If, due to technical limitations of the Telephone Company, a customer could not combine its Interim 800 traffic with its other trunk Switched Access Services, no charge shall apply to combine these trunk groups when it becomes technically possible.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing date (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

Changes to the point in time when the off-hook supervisory signal is provided in the originating call sequence, i.e., when the off-hook supervisory signal is changed from being provided by the customer's equipment before the called party answers to being forwarded by the customer's equipment when the called party answers or vice versa, are subject to the nonrecurring charge as set forth in 5.2.2(A) preceding.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

For additions, changes or modifications to an optional feature which has a separate nonrecurring charge, that nonrecurring charge will apply.

For additions, changes, or modifications to optional features that do not have their own separate nonrecurring charges, a charge equal to one half the Switched Transport nonrecurring (i.e., installation) charge will apply. When an optional feature is not required on each transport channel, but rather for an entire transport channel group, an end office or an access tandem switch, only one such charge will apply (i.e., it will not apply per transmission path).

On existing Switched Access trunks, for a change of Switched Access signaling type from multifrequency address signaling to SS7 out of band signaling, i.e., the CCSAC optional feature, no charge will apply, provided there is no change in the physical serving arrangement. When the CCSAC optional feature is specified, the customer may add Calling Party Number (CPN), Charge Number (CN), and Carrier Selection Parameter (CSP) at no charge if these optional features are specified at the same time the CCSAC optional feature is ordered.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

When 64CCC is ordered on an existing FGD or ATAXXX trunk with CCSAC, the full nonrecurring charge described in (1) preceding will apply. The change will be treated as a discontinuance of the existing service and an installation of a new service and a new minimum period charge will apply as set forth in 6.7.3. The customer may order Access Transport Parameter (ATP) for no additional charge if ordered in conjunction with 64CCC.

Pursuant to the FCC Docket "In the Matter of Transport Rate Structure and Pricing (CC Docket No. 91-213)", Report and Order and Further Notice of Proposed Rulemaking, released October 16, 1992, Nevada Bell will waive certain nonrecurring charges for a period ending May 1, 1994, (or until a six month period following the implementation of the interim rate structure).

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

Additional trunks installed at the end office or tandem beyond those existing when the reconfiguration is ordered will be subject to full installation charges. The reconfiguration will be a Feature Group (FG) or Basic Service Arrangement Equivalency unless, due to Telephone Company facility limitation, equivalent FG or BSA cannot be provisioned.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates

The following paragraphs set forth the Switched Access Service rate elements and how the rates are applied for the elements.

(1) Entrance Facilities

The Entrance Facility includes the charge for transport from a customer's serving wire center to the customer's premises. The rate is applied for a Voice Grade, DS1 and DS3 Transport Channel on a point of termination per month basis. The rate as set forth in 6.8.1(A) following applies for the selected Transport Channel per point of termination even if all the transmission paths on the selected Transport Channel are not activated. The DS3 Entrance Facility requires DS3 to DS1 multiplexing as set forth in 6.7.1(D)(5) following. Additionally, DS1 to DS0 multiplexing chargeable optional feature is available as set forth in 6.7.1(D)(5) following.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(2) Direct Trunked Transport

Direct Trunked Transport includes the charge for transport from a customer's serving wire center to an end office for switching of a customer's originating and terminating traffic, a hub location for multiplexing or an Access Tandem for interconnection to Tandem Switched Transport to an end office(s). The rates are applied for a Voice Grade, DS1 and DS3 Transport Channel on a per month fixed and per month per mile basis. The mileage between the end office, hub or access tandem involved and the customer's serving wire center is determined as set forth in 6.7.11 following. The rates as set forth in 6.8.2(B) following apply for the selected Transport Channel even if all the transmission paths on the selected Transport Channel are not activated. DS3 Direct Trunked Transport requires DS3 to DS1 multiplexing as set forth in 6.7.1(D)(5) following. Additionally, a DS1 to DS0 multiplexing chargeable optional feature is available as set forth in 6.7.1(D)(5) following.

(3) Tandem Switched Transport

Tandem Switched Transport includes charges for transport from end offices to the access tandem and for Tandem Switching at the access tandem.

- (a) Tandem Switched Transport rates are applied on a per minute of use fixed and per minute of use per mile basis. The chargeable minutes of use for determining the charges are the minutes that are carried over the involved Tandem Switched Transport facilities. The mileage between the end office involved and the access tandem is determined as set forth in 6.7.11 following. The rates are as set forth in 6.8.1(C) following.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(3) Tandem Switched Transport (Cont'd)

- (b) Tandem Switching rates are applied on a per minute of use basis. The chargeable minutes of use for determining the charges are the minutes that are carried over the involved Tandem Switched Transport facilities. The chargeable minutes are determined as set forth 6.7.6 following. The rates are as set forth in 6.8.1(C) following.

- (c) Host Remote Transmission rates are applied on a per access minutes of use and a per access minutes of use per mile basis. These rates also apply to Common Transport facilities that are provided for the common use of all customers but which are not switched through an access tandem.

Host Remote Transmission may be associated with both tandem routed services and direct routed services such as when Tandem-Switched Transport is ordered to a host office to access remotes. Mileage is always measured separately from Tandem-Switched Transmission and Direct-Trunked Transport.

Mileage measure is described in 6.7.11.

(d) Tandem End Office Multiplexing

Rates are applied on a per minute of use basis for the use of the multiplexing equipment on the end office side of the access tandem.

(e) Dedicated Tandem Trunk Port

Rates are applied on a monthly per port basis, for each dedicated trunk on the serving wire center side of the access tandem.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(4) Transport Interconnection Charge

The Transport Interconnection charge is divided into two subelements. The Transport Interconnection Charge per minute-of-use rates apply to all originating and terminating Switched Access minutes of use that utilize the Company's transport services. The Non-Facilities-Based Interconnection Charge will be assessed in lieu of the Interconnection Charge for all traffic which uses the Telephone Company's local switching services but does not use the Telephone Company's transport services. The Transport Interconnection Charge and Non-Facilities-Based Interconnection Charge premium and non-premium rates are assessed consistent with the application of premium and non-premium Local Switching rates.

Transport Interconnection Charge rates are applied to premium and non-premium rates minutes based upon whether the minutes are classified as originating or terminating. Originating calling permits the delivery of calls from Telephone Exchange service locations to the customer's premises. Terminating calling permits the delivery of calls from the customer's premises to Telephone Exchange service locations.

(1) Originating rates apply to:

- originating access minutes of use (excluding those to which terminating rates apply, as specified in (2) following;
- originating 500, 700, 800, 900 and access minutes of use which are reported as minutes that terminate over a Switched Access Service that is assessed terminating Carrier Common Line Access Charges. Such originating minutes must be reported as specified in 2.3.14(Jurisdictional Report).

(2) Terminating rates apply to:

- terminating access minutes of use;
- FGA and ATA originating access minutes of use;
- originating 500, 700, 800, 900 access minutes of use for calls on which Carrier Common line charges

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(4) Transport Interconnection Charge (Cont'd)

(2) (Cont'd)

are not billed on the terminating end. When an Expanded Interconnection arrangement, as set forth in Section 18, following, is provided and the customer requires DTT to an end office within the same wire center building, the IC rates are not assessed.

(5) Multiplexing

The Multiplexing rate applies when an Entrance Facility or Direct Trunked transport is multiplexed at a Telephone Company hub to a lower capacity (i.e., DS3 to DS1 or DS1 to DS0). DS3 to DS1 multiplexing is required on a DS1 Entrance Facility or Direct Trunked transport. The Multiplexing rate is applied on a per Multiplexing arrangement basis. The rate as set forth in 6.8.1(I) following applies for the selected Multiplexing arrangement even if all the Multiplexing ports for the selected Multiplexing arrangement are not activated.

(6) Local Switching

Local Switching includes usage charges and optional features charges. Local Switching usages rates are applied on a per minute of use basis. Local Switching minutes are as set forth in (E) following. The chargeable minutes are determined as set forth in 6.7.6 following. The rates are as set forth in 6.8.2 following.

The Dedicated End Office Port provides for each in service dedicated line or trunk terminating in the end office port. A monthly rate applies, per line or per trunk, for each dedicated line or trunk terminating in the end office port.

The Shared End Office Trunk Port rate element provides for the use of the shared end office trunk ports for termination of Tandem Switched Transport trunks for tandem routed traffic. A per minute of use charge applies to the Shared End Office Trunk Ports for termination of Tandem Switched transport trunks for tandem routed traffic.

Local Switching optional feature rates are applied on a per month and a per minute of use basis as set forth in 6.8.2 following.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Applications of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(7) Information Surcharge

Information Surcharge rates are applied on a per minutes of use basis. The Information Surcharge minutes are as set forth in (E) following. The chargeable minutes are determined as set forth in 6.7.6 following. The rates are as set forth in 6.8.3 following.

(8) Tandem Switched Transport with Direct Trunked Transport DS1 and DS3 Transport Channels

When Tandem Switched Transport is provided with Direct Trunked Transport DS1 and/or DS3 Transport Channels, the Direct Trunked Transport rates will be adjusted and the Tandem Switched Transport will be billed the per minutes of use fixed and per minutes of use per mile rates for all chargeable minutes as set forth in (3) preceding.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(9) Transport Application

An Entrance Facility or EISCT and Direct Trunked transport and Tandem Switched transport is required for all Switched Access Service except when the customer directs its Switched Access Service over another customer's facility as set forth in 6.1.2(A) preceding.

The customer must order Direct Trunked transport from the customer's serving wire center to an access tandem with Tandem Switched transport from the access tandem to the end office(s). The customer may order multiplexing associated with a DS3 or DS1 Entrance Facility or Direct Trunked transport in conjunction with the above.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(9) Transport Application (Cont'd)

For ALA and FGA Switched Access Service, the customer shall select the first point of switching and Direct Trunked Transport will be provided to the selected first point of switching. In the terminating direction of ALA and FGA, calls which terminate to end offices other than the first point of switching will be provided over Tandem Switched Transport from the first point of switching to the terminating end office. Tandem Switched Transport rates per minute of use fixed and per minute of use per mile will apply. Tandem Switched Transport minutes are as set forth in (E) following. The chargeable minutes of use for determining the charges are the minutes that are carried over the involved Tandem Switched transport facilities. The chargeable minutes are determined as set forth in 6.7.6 following. The mileage between the end office involved and the FGA first point of switching is determined as set forth in 6.7.11 following. Tandem Switching charges as set forth in 6.8.1(C)(2) following do not apply.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(10) DNAL Recurring Rates(a) DNAL Termination

A monthly rate applies for each DNAL point of Termination requested by the customer.

(b) DNAL Mileage

A fixed monthly rate applies for each DNAL channel between the customer designated premises and the Telephone Company end office switch where the DNAL is terminated.

A monthly rate per mile applies to each airline mile between the serving wire center of the customer's designated premises and the Telephone Company end office switch where the BSE requiring the DNAL is provided. Airline mileage is calculated as set forth in 6.7.11.

(11) Direct Inward Dial (DID)(a) DID Termination

A fixed monthly rate and a nonrecurring charge applies to each trunk terminating in the central office. Usage will be billed on assumed minutes of use per month.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(12) SS7 Interconnection(a) SS7 Link

A fixed monthly rate applies for each STP Access connection between the Telephone Company STP Wire Center and the customer designated premises.

A monthly rate per mile applies to each airline mile between the Telephone Company STP Wire Center and the serving Wire Center of the customer designated premises.

A nonrecurring charge applies for each SS7 Link.

(b) STP Port

A fixed monthly charge applies per STP Port Termination installed at the Telephone Company STP Wire Center.

SS7 Interconnection rate elements are Local Transport monthly rated Switched Access Service rate elements and are not subject to the usage (i.e., Local Transport, Local Switching and Carrier Common Line) rate categories.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(13) Toll Free Access Service

The Basic Toll Free Access Query charge is assessed to the customer on a per query basis. Additional charges may apply to Toll Free Access Service Vertical Features. These charges are billed in addition to the basic query charge. The Six Digit Master Number List Turnaround charge is billed in lieu of the Basic Toll Free Access Query charge when customer identification is performed for Canadian and Caribbean Toll Free numbers. There are no vertical features associated with this function. These charges are described in 6.8.8 following.

(14) Bill Name and Address Service (BNA)

- (a) The Telephone Company will, upon request, provide Billing Name and Address Service (BNA), associated with customers who have listed telephone numbers. The Billing Name and Address Service will be provided only when the customer, or the customer's billing agent needs the information to bill a call and the originating telephone number is provided. The customer or the customer's billing agent must subscribe to Automatic Number Identification (ANI) provided by the Telephone Company.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(14) Bill Name and Address Service (BNA) (Cont'd)

- (b) A standard format for the receipt and provision of the listed, nonpublished and unlisted telephone number and billing name and address information will be established by the Telephone Company and provided to the customer. If in the course of Telephone Company business it is necessary to change the format, the Telephone Company will provide notification to the involved customers one month prior to the change. The Telephone Company will specify the location(s) where requests are to be received.
- (c) The Telephone Company will receive from the customer/billing agent a magnetic tape which contains the originating telephone numbers obtained through Automatic Number Identification (ANI). The frequency for receipt of the customer/billing agent provided magnetic tapes will be at intervals mutually agreed upon between the Telephone Company and the customer. The customer/billing agent provided End User telephone numbers will programmatically be associated with the proper listed, nonpublished, or unlisted End User billing name and address contained in the CRIS file at that time. The information will then be provided back to the customer/billing agent as set forth in (d) following. The Telephone Company will determine the number of magnetic tapes required to provide the Billing Name and Address Service detail.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(14) Bill Name and Address Service (BNA) (Cont'd)

- (d) Output magnetic tape(s) containing Billing Name and Address details will be provided to the customer/billing agent as part of Billing Name and Address Service. The magnetic tapes will be provided without the return of previously supplied customer provided tapes. The Telephone Company will supply the output magnetic tapes. Unless otherwise mutually agreed to by the Telephone Company and the customer/billing agent, the output magnetic tapes will be sent to the customer via U.S. Mail. However, the customer/billing agent may pick up the output magnetic tapes at a location designated by the Telephone Company or request that the detail on the magnetic tapes be data transmitted to the customer/billing agent. When the billing name and address details are data transmitted to a customer/billing agent location, program development charges to design, develop, test and maintain the necessary programs will apply as set forth in 6.8.9 and data transmission charges will be determined on an individual case basis. The time to implement programs for data transmission will be determined on an individual case basis. The data transmission hardware and software specifications will be mutually agreed upon by the Telephone Company and customer/billing agent.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(14) Bill Name and Address Service (BNA) (Cont'd)

- (e) The Telephone Company will normally make available for mailing or pick-up the output magnetic tape six workdays after receipt of the customer/billing agent provided magnetic tape, or at an interval that is mutually agreed upon by the Telephone Company and the customer/billing agent. Availability may be delayed in the case of input data errors in the customer/billing agent provided magnetic tape.
- (f) Billing Name and Address Service detail will not be retained by the Telephone Company for longer than 45 days. If the customer/billing agent requests that the initially provided output magnetic tape be made available again, such requests must be within 30 days from the date the first output magnetic tape was made available. Charges as set forth in 6.8.9 will apply.
- (g) Any customer/billing agent purchasing output magnetic tapes pursuant to this tariff agrees to abide by all applicable Commission rules, decisions, orders, statutes and laws concerning the disclosure of published and nonpublished telephone numbers, and further agrees to use the information contained therein only for the purpose of billing by the end user for services provided to their end users.
- (h) At the customer's/billing agent's request the Telephone Company may undertake the development of a program to satisfy a particular customer need. Program development charges would apply for such an undertaking.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.1 Description and Application of Rates and Charges (Cont'd)(D) Application of Rates (Cont'd)(14) Bill Name and Address Service (BNA) Cont'd)

- (i) In the event an End User Customer notifies the Telephone Company that their BNA is not to be released, that End User's LEC Card Calling Card will be cancelled and the user will be blocked from receiving 3rd number and collect calls.

(15) Outbound Messaging Application

- (i) Outbound Messaging Application Point Code
A Monthly Recurring Charge will be billed for each point code used in conjunction with the Outbound Messaging Application. In configurations where the same point code is used to serve locations in more than one LATA, an additional Monthly Recurring Charge will be incurred for each LATA in which the same point code is used.
- (ii) Outbound Messaging Application per LATA
A Monthly Recurring Charge will be billed for each LATA in which the Outbound Messaging Application is provided.
- (iii) Outbound Messaging Application Provisioning
A Non-Recurring Charge will be billed for the provisioning of the Outbound Messaging Application Service in each LATA in which the service is provided.

(N)

(N)

6.7.2 Minimum Periods

Switched Access Service is provided for a minimum period of one month

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.3 Minimum Period Charge

The Minimum Period Charge applies when the customer requests disconnect of Switched Access Service prior to the expiration of the thirty day minimum period.

The Minimum Period Charge consists of the following:

- (A) The Switched Transport Entrance Facility charges, Direct Trunked Transport charges, Switched Transport Multiplexor charges associated with Entrance Facility and Direct Trunked Transport, Optional Features per month charges.
- (B) All usage sensitive rate elements, following, based on actual usage: Transport Interconnection Charge, Switched Transport Tandem Switched transport, Tandem Switching Information Surcharge, Local Switching, Toll Free Access Service, as set forth in 6.8 following.
- (C) Nonrecurring charges associate with the establishment of service, as set forth 6.8 following.

6.7.4 Change of Basic Service Arrangement or Feature Group Type

Changes from one type of Basic Service Arrangement or feature group to another will be treated as discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with three exceptions.

- (1) When a customer upgrades an ALA, ATA950, Feature Group A or B service to an ATAXXX or Feature Group D service, or an ALA or Feature Group A service to an ATA950 or Feature Group B service, the nonrecurring charges will not apply if the following conditions are met:
 - (a) The same customer premises is maintained, and
 - (b) The disconnections of ALA or FGA service and the start of ATA950, ATAXXX, FGB or FGD service are within the same LATA; or the disconnections of ATA950 or FGB service and the start of ATAXXX or FGD service are within the same tandem subtending area.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.4 Change of Basic Service Arrangement or Feature Group Type
(Cont'd)

(1) (Cont'd)

- (c) The orders for the disconnect of the ALA or FGA service for the start of ATAXXX or FGD service are placed with the Telephone Company within 30 days of allocation of the most recent end office conversion to equal access in the LATA or the orders for the disconnect of the ATA950 or FGB service for the start of ATAXXX or FGD service are placed with the Telephone Company within 30 days of the allocation of the most recent end office conversion to equal access in the tandem subtending area or the orders for the disconnect of ALA or FGA service for the start of ATA950 or FGB service are placed with the Telephone Company within 30 days of the start of ATA950 or FGB service and
 - (d) The customer requests the same effective date for both the disconnect of service and start of service or
 - (e) The customer requests that the disconnect date on the ALA, ATA950, FGA or FGB service, for the start of ATAXXX or FGD service, be no more than 60 days after allocation. The customer requests the disconnect date of the ALA or FGA service for the start of ATA950 or FGB service be no more than 90 days after the start of the new ATA950 or FGB service.
 - (f) In the case of an ALA to ATA950; or FGA to FGB change; the ATA950 or FGB trunks that are requested are served from an access tandem.
- (2) When an ATANEA or FGC service is upgraded to an ATAXXX or FGD service, the nonrecurring charge will not apply. Because ATANEA or FGC is no longer available in an end office once the end office is

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.4 Change of Basic Service Arrangements or Feature Group Type
(Cont'd)

(2) (Cont'd)

equipped with equal access capabilities, (i.e., ATAXXX or FGD), such upgrades will be performed by the Telephone Company without the customer being required to place an order for the change. When the effective dates for the

disconnect and start of ATAXXX or FGD service are the same, minimum period obligations will not change, (i.e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for ATAXXX or FGD or the new ATA950 or FGB). When the effective dates for the disconnect and start of service are different, new minimum period obligations will be established for the ATAXXX or FGD or the new ATA950 or FGB service. For all other changes from one type of Basic

Service Arrangement or Feature Group to another, new minimum period obligations will also be established.

- (3) Nonrecurring charges will not apply to the conversion of existing Feature Groups to their unbundled BSA equivalents. However, during the transition period as set forth in Section 6.1 preceding, conversion from a BSA to its equivalent Feature Group will be treated as a discontinuance of the existing service and an installation of new service (nonrecurring charge will apply.) When a customer converts an existing Feature Group to its unbundled BSA equivalent, minimum period obligations will not change, i.e., the time elapsed in the existing minimum period obligations will be credited to the minimum period obligations for the BSA. For changes from a BSA to a Feature Group during the transition period as noted above, new minimum period obligations will be established.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.5 Moves

A move involves a change in the physical location of one of the following:

- The point of termination at the customer's premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring charge for the capacity affected. There will be no change in the minimum period requirements.

(B) Moves to a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

6.7.6 Measuring Access Minutes

Customer traffic to end offices will be measured (i.e., recorded or assumed) by the Telephone Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Telephone Company to determine the basis for computing chargeable access minutes.

For Local Switching, Information Surcharge and Local Switching optional Features usage based charges for terminating calls over ALA, FGA, ATA950, FGB, FGC, 800, ATAXXX and FGD, and for originating calls over ALA or FGA where the off-hook supervisory signal is provided by the customer's equipment, FGB, ATA950, ATAXXX and FGD, the measured minutes are the chargeable access minutes. For Switched Transport Tandem Switched Transport and Tandem Switching usage based charge for terminating calls over ATA950, FGB, FGC, 800, ATAXXX and FGD, and for originating calls over FGB, ATA950, ATAXXX and FGD, the measured minutes carried over the involved Switched Transport Tandem Switched Transport are the chargeable access minutes.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)

For Local Switching, Information Surcharge and Local Switching Optional Features usage based charges for originating calls over ALA or FGA, FGC, ATAXXX and FGD with conventional signaling where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, the chargeable access minutes are derived from recorded minutes in the following manner. Also when determining Switched Transport Tandem Switched Transport and Tandem Switching usage based charges for originating calls over FGD, ATAXXX and FGD with conventional signaling where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, the chargeable access minutes are derived in the following manner from recorded minutes carried over the involved Switched Transport Tandem Switched Transport.

- Step 1: Obtain recorded originating minutes and messages, measured as set forth in (C), (E) and (F) following for ALA or FGA, ATANEA or FGC and ATAXXX or FGD respectively, from the appropriate recording data.
- Step 2: Obtain the total attempts by dividing the originating measured messages by the completion ratio. Completion ratios (CR) are obtained separately for the major call categories such as DDD, operator, 800, 900, directory assistance and international from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgement from the customer. That is, Measured Messages divided by Completion Ratio equals Total Attempts.
- Step 3: Obtain the total non-conversation time additive (NCTA) by multiplying the total attempts (obtained in Step 2) by the NCTA per attempt ratio. The NCTA per attempt ratio is obtained from the sample study identified in Step 2 by measuring the non-conversation time associated with both completed and incompletely attempts. The total NCTA is the time on a completed attempt from customer

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)

Step 3: (Cont'd)

acknowledgement of receipt of call to called party answer (set up and ringing) plus the time on an incompleting attempt from customer acknowledgment of call until the access tandem or end office receives a disconnect signal (ring - no answer, busy or network blockage). That is, Total Attempts times Non-Conversation Time per Attempt Ratio equals Total NCTA.

Step 4: Obtain total chargeable originating access minutes by adding the total NCTA (obtained in Step 3) to the recorded originating measured minutes (obtained in Step 1). That is, Measured Minutes plus NCTA equals Chargeable Originating Access Minutes.

Following is an example which illustrates how the chargeable originating access minutes are derived from the measured originating minutes using this formula.

Where: Measured Minutes (M. Min.) = 7,000
Measured Messages (M. Mes.) = 1,000
Completion Ratio (CR) = .75
NCTA per Attempt = .4

$$(1) \text{ Total Attempts} = \frac{1,000(\text{M. Mes.})}{.75 (\text{CR})} = 1,333.3$$

$$(2) \text{ Total NCTA} = .4 (\text{NCTA per Attempt}) \times 1,333.33 = 533.33$$

$$(3) \text{ Total Chargeable Originating Access Minutes} = 7,000(\text{M. Min}) + 533.33(\text{NCTA}) = 7,533.33$$

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)

When assumed minutes are used, the assumed minutes are the chargeable access minutes.

ALA or FGA access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each line or hunt group, and are then rounded up to the nearest access minute for each line or hunt group. ATA950, ATANEA, ATAXXX, FGB, FGC and FGD access minutes or fractions thereof, the exact value of the fraction being a function of the switch technology where the measurement is made, are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.

Assumed minutes are used for ALA or FGA services which originate or terminate in end offices not equipped with measurement capabilities.

The assumed average access minutes used for services originating or terminating in offices where measurement capability does not exist are set forth in (A) following for ALA or Feature Group A Services, and in (B) following for ATA950 or Feature Group B Services.

- (A) Where originating and terminating measurement capability does not exist for ALA or Feature Group A provided to an entry switch, the number of access minutes will be assumed to be 4195 access minutes per line per month when the line is arranged for two way calling (1510 originating and 2685 terminating).

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)

(A) (Cont'd)

Where measurement capability exists for either originating or terminating usage, but not both, on a line arranged for two way calling, the number of access minutes per line per month will be an assumed 4195 or the measured usage, whichever is greater. If the usage in the measured direction exceeds 4195 access minutes per line per month, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 4195 access minutes per line per month, the usage in the unmeasured direction will be the assumed usage for that unmeasured direction; except that the total of measured and assumed minutes will not exceed the total assumed usage of 4195 access minutes designated for two way calling. If the total exceeds 4195 access minutes the assumed minutes shall be reduced so that the total of measured and unmeasured minutes equals 4195 access minutes.

Additionally, when the line is arranged for one way calling and there is no measurement capability for that direction, 1510 access minutes per month will be assumed for originating calling only lines and 2685 access minutes per month will be assumed for terminating calling only lines.

Notwithstanding the preceding, when an ALA or Feature Group A is used for the provision of WATS-type service where measurement capability exists at the WATS Serving Office but not at the ALA or Feature Group A entry switch, the measured WATS-type originating and or terminating minutes of use shall be separately summed and compared to their respective total assumed originating and/or terminating minutes of use. The number of access minutes per line per month will be the assumed or the measured usage, whichever is greater.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)

- (B) Where originating and terminating measurement capability does not exist for ATA950 or Feature Group B provided to an entry switch, the number of access minutes will be assumed to be 8700 access minutes per line per month when the trunk is arranged for two way calling (3132 originating and 5568 terminating).

Where measurement capability exists for either originating or terminating usage, but not both, on a trunk arranged for two way calling, the number of access minutes per trunk per month will be an assumed 8700 or the measured usage, whichever is greater. If the usage in the measured direction exceeds 8700 access minutes per trunk per month, it will be assumed that there is zero usage in the unmeasured direction. If the measured usage is less than 8700 access minutes per trunk per month, the usage in the unmeasured direction will be the assumed usage for that unmeasured direction except that the total of measured and assumed minutes will not exceed the total assumed usage of 8700 access minutes designated for two way calling. If the total exceeds 8700 access minutes the assumed minutes shall be reduced so that the total of measured and unmeasured minutes equals 8700 access minutes.

Additionally, when the trunk is arranged for one way calling and there is no measurement capability for that direction, 3132 access minutes per month will be assumed for originating calling only lines and 5568 access minutes per month will be assumed for terminating calling only lines.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)

(B)(Cont'd)

Notwithstanding the preceding, when ATA950 or Feature Group B is used for the provision of WATS or WATS-type service where measurement capability exists at the WATS Serving Office but not at the ATA950 or Feature Group B entry switch, the measured WATS or WATS-type originating and/or terminating minutes of use shall be separately summed and compared to their respective total assumed originating and/or terminating minutes of use. The number of minutes per trunk per month will be the assumed or the measured usage, whichever is greater.

(C) Access Line Arrangement or Feature Group A Usage Measurement

For originating calls over ALA or FGA, usage measurement begins when the originating ALA or FGA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination. This off-hook signal may be provided by the customer's equipment before the called party answers, or forwarded by the customer's equipment when the called party answers.

The measurement of originating call usage over ALA or FGA ends when the originating ALA or FGA entry switch receives an on-hook supervisory signal from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)(C) Access line Arrangement or Feature Group A Usage Measurement
(Cont'd)

For terminating calls over ALA or FGA, usage measurement begins when the terminating ALA or FGA entry switch receives an off-hook supervisory signal from the terminating end user's end office, indicating the terminating end user has answered. The measurement of terminating call usage over ALA or FGA ends when the terminating ALA or FGA entry switch receives an on-hook supervisory signal from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(D) Access Trunk Arrangement 950 or Feature Group B Usage Measurement

For originating calls over ATA950 or FGB, usage measurement begins when the originating ATA950 or FGB entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered.

The measurement of originating call usage over ATA950 or FGB ends when the originating ATA950 or FGB entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)(D) Access Trunk Arrangement 950 or Feature Group B Usage Measurement (Cont'd)

For terminating calls over ATA950 or FGB, usage measurement begins when the terminating ATA950 or FGB entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over ATA950 or FGB ends when the terminating ATA950 or FGB entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

(E) Access Trunk Arrangement Non Equal Access or Feature Group C Usage Measurement

For originating calls over ATANEA or FGC, usage measurement begins when the originating ATANEA or FGC entry switch receives answer supervision from the customer's point of termination, indicating the called party has answered.

The measurement of originating call usage over ATANEA or FGC ends when the originating ATANEA or FGC entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)(E) Access Trunk Arrangements Non Equal Access 950 or Feature Group C Usage Measurement (Cont'd)

For terminating calls over ATANEA or FGC to services other than 800, 900 or Directory Assistance, terminating ATANEA or FGC usage is not directly measured at the terminating entry switch, but is imputed from originating usage, excluding usage from calls to 800, 900 or Directory Assistance Services.

(F) Access Trunk Arrangement 101XXXX or Feature Group D Usage Measurement

For originating calls over ATAXXXX or FGD, usage measurement begins when the originating ATAXXXX or FGD entry switch receives the first wink supervisory signal forwarded from the customer's point of termination. For originating calls over FGD or ATAXXXX with SS7 signaling usage measurement begins when the last point of switching sends the initial address message to the customer.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.6 Measuring Access Minutes (Cont'd)(F) Access Trunk Arrangement 101XXXX or Feature Group D Usage Measurement (Cont'd)

The measurement of originating call usage over ATAXXXX or FGD ends when the originating ATAXXXX or FGD entry switch receives disconnect supervision from either the originating end user's end office, indicating the originating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

For 800 and 900 calls originating from end offices not having equal access capability using ATAXXXX or FGD with conventional signaling, usage measurement begins when the originating ATAXXXX or FGD entry switch receives either, off-hook supervisory signal forwarded from the customer's point of termination or answer supervision from the customer's point of termination indicating the called party has answered.

For terminating calls over ATAXXXX or FGD, the measurement of access minutes begins when the terminating ATAXXXX or FGD entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.

The measurement of terminating call usage over ATAXXXX or FGD ends when the terminating ATAXXXX or FGD entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the customer's point of termination, whichever is recognized first by the entry switch.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.7 Network Blocking Charge for Access Trunk Arrangement 101XXXX or Feature Group D

The customer will be notified by the Telephone Company to increase its capacity (busy hour minutes of capacity or quantities of trunks) when excessive trunk group blocking occurs on groups carrying ATAXXXX or Feature Group D traffic and the measured access minutes for that hour exceed the capacity purchased. Excessive trunk group blocking occurs when the blocking thresholds stated below are exceeded. They are predicated on time consistent, hourly measurements over a 30 day period excluding Saturdays, Sundays and national holidays. If the order for additional capacity has not been received by the Telephone Company within 15 days of the notification, the Telephone Company will bill the customer, at the rate set forth in 6.8.1(C) following, for each overflow in excess of the blocking threshold when (1) the average "30 day period" overflow exceeds the threshold level for any particular hour and (2) the "30 day period" measured average originating or two-way usage for the same clock hour exceeds the capacity purchased.

Blocking Thresholds

<u>Trunks in Service</u>	<u>1%</u>	<u>1/2%</u>
1-2	.070	.045
3-4	.050	.035
5-6	.040	.025
7 or greater	.030	.020

The 1% blocking threshold is for transmission paths carrying traffic direct (without an alternate route) between an end office and a customer's premises. The 1/2% blocking threshold is for transmission paths carrying first routed traffic between an end office and a customer's premises via an access tandem.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.8 Application of Rates for Extension Service

ALA or Feature Group A Switched Access Service is available with extensions, i.e., additional terminations of the service at different building(s) in the same or a different LATA. ALA or Feature Group A extensions within the LATA are provided and charged for under the Telephone Company's local and/or general exchange service tariffs. ALA or Feature Group A extensions in different LATAs are provided and charged for as Special Access Service. The rate elements which apply are: A Voice Grade Channel Termination, Channel Mileage, if applicable, and Signaling Capability (optional features and functions), if applicable. All appropriate monthly rates and nonrecurring charges set forth in 7.7 following will apply.

6.7.9 Message Unit Credit

Calls from end users to the seven digit local telephone numbers associated with ALA or Feature Group A Switched Access Service are subject to Telephone Company local and/or general exchange service tariff charges (including message unit and toll charges as applicable). The monthly bills rendered to customers for their ALA or Feature Group A Switched Access Service will include a credit to reflect any message unit charges collected from their end users under the Telephone Company's local and/or general exchange service tariffs. When the customer is provided ALA or FGA service where measurement capability does not exist, the credit will apply to access minutes not to exceed 1510 per line per month. No credit will apply for any terminating ALA or FGA access minutes. The message unit credit for originating access minutes will be based on the generally applicable message unit charges of the Telephone Company. The message unit credit for originating ALA or FGA access minutes is as set forth in 6.8.6 following.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.10 Local Information Delivery Services

Calls over Switched Access in the terminating direction to certain community information services will be rated under the applicable rates for Switched Access Service as set forth in 6.8 following. In addition, the charges per call as specified under the Telephone Company's local and/or general exchange service tariffs, e.g., 976 (DIAL-IT) Network Services, will also apply.

6.7.11 Mileage Measurement

The mileage to be used to determine the monthly rate for Switched Transport is calculated on the airline distance between the end office switch, which may be a Remote Switching Location, where the call carried by Switched Transport originates or terminates and the customer's serving wire center, except as set forth following. Where applicable, the V&H coordinates method is used to determine mileage. This method is set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION (NECA) TARIFF F.C.C. NO. 4 for Wire Center Information (V&H coordinates).

When Direct-Trunked Transport is provided to a host-remote arrangement, mileage for Direct-Trunked Transport is calculated using the V&H coordinates of the customer's serving wire center and the host office. Mileage for Host/Remote Transmission is calculated using the V&H coordinates of the host office and the remote switching system or remote switching module where the call originates or terminates.

Mileage for Tandem-Switched Transport is calculated using the V&H coordinates of the tandem and the host office. Mileage for Host/Remote Transmission is calculated using the V&H coordinates of the host office and the remote switching system or remote switching module where the call originates or terminates.

Mileage rates are as set forth in 6.8.1 following. To determine the rate to be billed, first compute the airline mileage using the V&H coordinates method. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates. Then multiply the mileage by the appropriate rate.

Mileage for the DNAL BSA is calculated on the airline distance between the serving wire center of the customer's designated premises and the telephone company end office switch where the DNAL terminates. The V&H Coordinates method is used to determine mileage. This method is set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION (NECA) TARIFF F.C.C. No. 4 for Wire Center Information (V&H Coordinates).

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.11 Mileage Measurement (Cont'd)

Exceptions to the mileage measurement rules are as follows:

- (A) Mileage for Direct Trunked Transport for ALA or Feature Group A Switched Access Service will be calculated on an airline basis, using the V&H coordinates method. The mileage measurement will be between the first point of switching (end office switch where the ALA or Feature Group A switching dial tone is provided) and the customer's serving wire center for the Switched Access Service provided.

In addition, mileage in the terminating direction for ALA or Feature Group A Switched Access Service access minutes which terminate at an end office other than the end office switch where the ALA or Feature Group A switching dial tone is provided, will be calculated on an airline basis, using the V&H coordinates method, between the end office switch where the access minutes terminate and the end office switch where the ALA or Feature Group A switching dial tone is provided. Tandem Switched transport per minute of use fixed and per minute of use per mile charges will be billed for these access minutes.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.11 Mileage Measurement (Cont'd)

- (B) When the Alternate Traffic Routing optional feature is provided with Access Trunk Arrangements NEA and XXX or Feature Groups C and D, usage rated Tandem Switched Transport access minutes will be apportioned between the two transmission groups used to provide this feature. Such apportionment will be made using: (1) Standard Telephone Company traffic engineering methodology and will be based on the last trunk CCS desired for the high usage group, as described in 6.3.1(L) preceding, and the relative capacity ordered to the end office, when the feature is provided at an end office switch, or to the subtending end offices when the feature is provided at an access tandem switch. For ATAXXX and FGD, the Tandem Switched Transport mileage calculation will be based on the actual measured data which is recorded against the specific trunk group that carried a particular call. The customer will be billed accordingly.
- (C) When terminating ATANEA or Feature Group C Switched Access Service is provided from multiple customer designated premises to an end office not equipped with measurement capabilities, the total Switched Transport access minutes for that end office will be apportioned among the trunk groups accessing the end office on the basis of the relative capacity ordered for each of those trunk groups. This apportionment will serve as the basis for Switched Transport mileage calculation.
- (D) Where measurement capability does not exist and/or end office specific usage data is not available, ALA and FGA terminating usage will be apportioned among the end offices in the access area of the entry switch to which the service is provided, as described following. The usage to be apportioned will be the recorded usage or the assumed usage as set forth in 6.7.8 preceding.

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6. Switched Access Service (Cont'd)6.7 Rate Regulations (Cont'd)6.7.11 Mileage Measurement (Cont'd)

(D) (Cont'd)

Such apportionment will be based on the ratio of the number of subscriber lines served by each end office in the access area to the total number of subscriber lines in the access area. The ratio thus developed is applied to the total ALA and FGA terminating usage.

Tandem Switched transport mileage for the access minutes apportioned in this manner will be calculated on an airline basis, using the V&H coordinates method, between each end office to which minutes have been apportioned and the end office switch where the ALA or FGA switching dial tone is provided.

(E) Switched Transport mileage for access minutes originating from or terminating at a remote switching system or module (RSS) or (RSM) will be calculated on an airline basis between the host end office and the RSS or RSM and the end office switch that serves as the host office and from the host office to the remote office serving the customer.

6.7.12 Shared Use

Shared use occurs when Switched Access Service and Special Access Service are provided over the same High Capacity service through a common interface. The regulations governing the provision of Shared Use Facilities are set forth in 7.2.7 following. Switched Access rates and charges as set forth in 6.8 following will apply for each channel of the high capacity facility that is used to provide Switched Access Service.

6.7.13 Directory Assistance Information Surcharge

Directory Assistance Information Surcharge rates are assessed to a customer based on the total number of access minutes. Directory Assistance Information Surcharge rates are as set forth in 6.8.3 following. The application of these rates with respect to individual Basic Service Arrangements or Feature Groups is as set forth in 6.7.1(D) preceding.

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6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.1 Switched Transport(A) Entrance Facilities

	USOC	Monthly Rates	Nonrecurring Charge
(1) Voice Grade per point of termination	TSW2X	\$ 16.04	\$ 500.00
	TSW4X	24.68	500.00
(2) DS1 per point of termination	TMESW	36.00	585.66
(3) DS3 per point of termination	Z0MSW	1,560.00	1,950.70

(B) Direct Trunked Transport

	USOC	Monthly Rate	
		Fixed	Per Mile
(1) Voice Grade per transport channel	1L5SW	\$ 6.00	\$.40
(2) DS1 per point of termination	1L5SW	15.60	3.26
(3) DS3 per point of termination	1L5SW	123.75	20.40

(C) Tandem Switched Transport/Common Transport

	Per Access Minute
(1) Tandem Switched Transport	
Fixed per MOU	\$0.0000108
Per mile per MOU	\$0.000008
(2) Tandem Switching per Access Minute	\$0.001004
(3) Host Remote Transmission	
Fixed per MOU	\$0.001028(R)
Per Mile per MOU	\$0.000022(R)
(4) Tandem End Office Multiplexing	
Rate per Access Minute	\$0.000018
(5) Dedicated Tandem Trunk Port	
Rate per Month per port PT8LX/DTRPT	\$1.04

(D) Transport Interconnection Charge

	Per Access Minute
(1) Premium	
(a) Originating	0.000000
(b) Terminating	0.000000
(2) Non-Premium	
(a) Originating	0.000000
(b) Terminating	0.000000

Non-Facilities Based Interconnection Charge

(1) Premium	
(a) Originating	0.000000
(b) Terminating	0.000000
(2) Non-Premium	
(a) Originating	0.000000
(b) Terminating	0.000000

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.1 Switched Transport (Cont'd)

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(E) <u>Installation Per Order</u>		
(1) Per FGA, ALA line traversing Direct Trunked Transport	TPP++	\$400.00
(2) Per ATA950, ATANEA, ATAXXX FGB, FGD, or 800 Access Service traversing Direct Trunked Transport or Tandem Switched Transport	TPP++	\$56.38(R)
		<u>Rate Per Call Blocked</u>
(F) <u>Network Blocking Charge +</u>		\$0.0037
(G) <u>Nonchargeable Optional Features</u>		
(1) <u>Supervisory Signaling</u>		
DX Supervisory Signaling arrangement		
- Per Transport Channel Path*		
SF Supervisory Signaling arrangement		
- Per Transport Channel Path**		
E&M Type 1 Supervisory Signaling arrangement		
- Per Transport Channel Path*		
E&M Type II Supervisory Signaling arrangement		
- Per Transport Channel Path**		

+ Applies to ATAXXX or FGD.

* Available with Interface Groups 1 and 2.

** Available with Interface Groups 2 and 6 through 10.

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.1 Switched Transport (Cont'd)(H) Nonchargeable Optional Features (Cont'd)(1) Supervisory Signaling (Cont'd)

E&M Type III Supervisory Signaling
- Per Transport Channel Path*

Tandem Supervisory Signaling
- Per Transport Channel Path**

(2) Customer specification of the receive
transmission level at the first point
of switching within a range acceptable
to the Telephone Company
- Per Transport Channel Path***

(3) Customer specification of Local
Transport Termination
Four-wire termination in lieu of
two-wire termination
- Per Transport Channel Path****

(4) Common Channel Signaling (CCSAC)

* Available with Interface Groups 1 and 2 for ATANEA, ATAXXX, FGC and FGD.

** Available with Interface Group 2 for ALA or FGA.

*** Available with Interface Groups 2 through 10 for ALA, ATA950, FGA and
FGB. The range of transmission levels which may be specified is
described in Technical Reference PUB 62500.

**** Available with ATA950 or Feature Group B with type B Transmission
Performance.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.1 Switched Transport (Cont'd)(I) Chargeable Optional Features

(1) Multiplexing - per Arrangement

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
DS3 to DS1 - Per Arrangement	MQ3SW	\$131.25(R)	None
DS1 to Voice/Digital - Per Arrangement	MQ1SW	54.00(R)	None

(2) Carrier Identification Parameter

C1PAT	45.00	None

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.2 Local Switching(A) Usage Sensitive Rates

<u>Premium</u>	<u>Rate Per Access Minute</u>
LS1 - Feature Groups A and B except for FGA and FGB used to terminate traffic to a WAL provided from an equal access end office	0.001402
LS1A - Access Line Arrangement and Access Trunk Arrangement 950 except for ALA and ATA950 used to terminate traffic to a WAL provided from an Equal Access End Office	\$0.001402
LS2 - Feature Groups C & D, FGA and FGB used to terminate traffic to a WAL provided from an equal access end office, and originating FGB routed to FGD as specified in Section 6.2.4(A)(9), preceding.	\$0.001402
LS2A - Access Trunk Arrangements NEA and 10XXX, ALA and ATA950 used to terminate traffic to a WAL provided from an Equal Access End Office, and originating ATA950 routed to ATAXXX as specified in Section 6.2.4(A)(9) preceding.	\$0.001402

Feature Group Transitional (Non-Premium)

Per Access Minute	\$0.000631(R)

Basic Service Arrangement Transitional (Non-Premium)

Per Access Minute	\$0.000631(R)

<u>(B) Dedicated End Office Trunk Port</u>	<u>USOC</u>	
Per Port	PT8JX/DTRPE	\$13.00
<u>(C) Shared End Office Trunk Port</u>		
Per Minute of Use		\$0.001663
<u>(D) Feature Group A Line Port</u>		
Per Port	PT8JX/FGALP	\$13.00

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.2 Local Switching (Cont'd)(D) Common Switching Optional Features and BSEs

Call Denial on Line or Hunt Group (available with ALA or FGA) - Per Transmission Path or Transmission Path Group	FID/USOC CAD	
Service Code Denial on Line or Hunt Group (available with ALA or FGA) - Per Transmission Path or Transmission Path Group	SCD	
Hunt Group Arrangement (available with FGA) - Per Transmission Path Group	HML/HTG	
Hunt Group Arrangement (Available with ALA)(BSE) - Per Transmission Path Group		<u>Monthly Rate</u>
	CF3HG/MLHTG	\$0.12
Uniform Call Distribution UCD Arrangement (available with FGA) - Per Transmission Path Group		

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.2 Local Switching (Cont'd)(D) Common Switching Optional Features and BSEs
(Cont'd)

	<u>FID/USOC</u>	<u>Monthly Rate</u>
Uniform Call Distribution Arrangement (Available with ALA)(BSE) - Per Transmission Path Group	CF3UC/CDUHT	\$0.15
Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (available with FGA) - Per Transmission Path	NHN	
Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement (available with ALA) - Per Transmission Path Group	MLHPT	
Automatic Number Identification/ Charge Number (available with ATA950 or FGB, ATANEA or FGC and FGD or FGD with CCSAC Optional Feature) - Per Transmission Path Group	ANI/SLCHG	
Automatic Number Identification/ Charge Number (available with ATAXXX and ATAXXX with CCSAC Optional Feature) - Per Call	BEANI	<u>Monthly Rate</u> \$0.000164

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.2 Local Switching (Cont'd)(D) Common Switching Optional Features and BSEs
(Cont'd)

	<u>FID/USOC</u>
Up to 7 Digit Outpulsing of Access Digits to Customer (available with ATA950 or FGB) - Per Transmission Path Group	USDO
Cut-through (available with ATAXXX or FGD) - Per End Office or Access Tandem	CTO
Delay Dial Start-Pulsing Signaling (available with ATANEA or FGC) - Per Transmission Path Group	DDSP
Immediate Dial Pulse Address Signaling (available with ATANEA or FGC) - Per Transmission Path Group	ADS IDP
Dial Pulse Address Signaling (available with ATANEA or FGC) - Per Transmission Path Group	ADS DP
Service Class Routing (available with ATANEA or FGC and ATAXXX or FGD) - Per Transmission Path Group	SCRT
Alternate Traffic Routing (available with ATANEA or FGC and ATAXXX or FGD) - Per Transmission Path Group	ARTG

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.2 Local Switching (Cont'd)(D) Common Switching Optional Features and BSEs
(Cont'd)

	<u>FID/USOC</u>	
Trunk Access Limitation Arrangement (available with ATANEA or FGC and ATAXXX or FGD) - Per End Office	CHOK	
Call Gapping Arrangement (available with ATAXXX or FGD) - Per End Office	GAP	
International Carrier Option (available with ATAXXX or FGD) - Per End Office and Access Tandem	INCO	
Band Advance Arrangement Access Service utilized in the provision of WATS or WATS-type Services (available with all Basic Service Arrangements or Feature Groups A, B, C, D) - Per Arrangement		
Call Transfer (BSE) (Available with ALA) - Per Transmission Path Group	USOC TRC3W	Monthly Rate <u>ICB</u>

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.2 Local Switching (Cont'd)(D) Common Switching Optional Features and BSEs
(Cont'd)

End Office End User
Line Service Screening
for Use with Special
Access Service utilized
in the provision of WATS
or WATS-type Services
(available with ATANEA or FGC
and ATAXXX or FGD)
- Per Transmission Path

FID

BAND

Hunt Group Arrangement
for Use with Special
Access Service utilized
in the provision of WATS
or WATS-type Services
(available with all Basic Service
Arrangements or Feature
Groups A, B, C and D)
- Per Transmission Path
Group

HML/HTG

Uniform Call Distribution
Arrangement for Use with
Special Access Service
utilized in the provision
of WATS or WATS-type Services
(available with all Basic Service
Arrangements or Feature
Groups A, B, C and D)
- Per Transmission Path
Group

HTY UD

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.2 Local Switching (Cont'd)(D) Common Switching Optional Features and BSEs (Cont'd)

Nonhunting Number for Use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with Special Access Service utilized in the provision of WATS or WATS-type Services (available with all Basic Service Arrangements or Feature Groups A, B, C and D) - Per Transmission Path	<u>FID/USOC</u>		
	NHN		
Calling Party Number (CPN)** - Per Transmission path group	SLCPN		
Carrier Selection Parameter (CSP)** - Per transmission path group	NR4CS/SLCSP		
Access Transport Parameter*** - Per Customer per switch			
	<u>FID/ USOC</u>	<u>Monthly</u>	<u>Nonrecurring</u>
Direct Inward Dialing (DID)* (Available with ALA or FGA) Up to seven-digit outputting of the called number provided to the customer premises. per trunk equipped	NDT	\$7.99	\$192.79
Answer Supervision - Lineside (Available with ALA) - per line	ANSPF	ICB	ICB

* DID rate are in addition to usage billed on assumed minutes of use per month.

** Available only with FGD or ATAXXX with CCSAC optional feature.

*** Available only with FGD or ATAXXX with CCSAC and 64CCC optional features.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.2 Local Switching (Cont'd)(E) Switched Transport Termination Nonchargeable Options(1) Line Side Terminations (For ALA or FGA)FID

Two Way Operation

- Dial Pulse with Loop Start
- Dial Pulse with Ground Start
- DTMF with Loop Start
- DTMF with Ground Start

NC+++A
NC+++E
NC+++F
NC+++G

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.2 Local Switching (Cont'd)(E) Switched Transport Termination Nonchargeable Options
(Cont'd)FID(1) Line Side Terminations (For ALA or FGA)
(Cont'd)

Terminating Operation

- Dial Pulse with Loop Start NC+++N
- Dial Pulse with Ground Start NC+++P
- DTMF with Loop Start NC+++R
- DTMF with Ground Start NC+++S

Originating Operation

- Loop Start NC+++U
- Ground Start NC+++V

(2) Trunk Side Terminations
(For all Access Trunk Arrangements or
FGB, FGC and FGD)

Standard Trunk

- for Originating, TTC S0
- Terminating or Two- TTC ST
- Way Operation
- (available with all
- Access Trunk Arrangements or
- FGB, FGC and FGD) TTC TY

Rotary Dial Station

- Signaling Trunk
- (available with ATA950 or FGB) TTC RD

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.2 Local Switching (Cont'd)(E) Switched Transport Termination Nonchargeable Options
(Cont'd)FID

(2) Trunk Side Terminations

(For all Access Trunk Arrangements or
FGB, FGC and FGD) (Cont'd)Operator Trunks - MOS - Coin,
Non-Coin or Combined
Coin and Non-Coin TTC CC
(available with ATANEA or FGC)TTC CO
TTC NCCoin or Combined
coin and non-coin
(Available with ATAXXX or FGD)

TTC FF

Operator Trunks - EA0SS - Full
Feature Arrangement
(available with ATAXXX or FGD)

TTC FF

(3) Tandem Signaling (MF or SS7)
(available with ATAXXX or FGD)

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.3 Directory Assistance
Information Surcharge

	<u>Premium</u>	<u>Transitional</u>
- Per 100 Access Minutes	\$0.000000	0.000000

6.8.4 Network Access Services

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(A) <u>DNAL Rates and Charges</u>			
(1) <u>DNAL Termination</u>			
- Per Point of Termination			
- 2 wire	T6E2X	\$ 8.68	\$747.94
- 4 wire	T6E4X	17.35	747.94

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.4 Network Access Services (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(A) <u>DNAL</u> (Cont'd)			
(2) <u>DNAL Mileage</u>			
<u>DNAL Mileage Facility</u>			
Per mile	CMF	\$ 0.70	None
<u>DNAL Mileage Termination</u>			
Per Termination	CMT	11.29	None
(B) <u>DNAL BSEs</u>			
(1) #Availability and Stop Hunting Control Arrangement (BSE)*		4.20	
(2) Port Access To Verify Integrity of Subscriber Lines (BSE) -Per Port (2 ports required)	VE1SL	None	\$500.00

Requires the use of DNAL as specified in Section 6.2.6A.

* Availability and Stop Hunting Control Arrangement is known as Make Busy Key in Bell Operating Companies ONA Special Report #5.

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)

6.8.5

6.8.6 Message Unit CreditRates

- Per originating ALA or Feature Group A access minute	\$0.001509(I)

6.8.7 SS7 Interconnection

	<u>USOC</u>	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>
(A) <u>SS7 Links</u>			
- per Link	SL7	\$1,131.17	\$ 11.29
- per Mile			.70
(B) <u>STP Port</u>			
- per Port	SLPTC		\$1,046.00

Recurring Charges6.8.8 Toll Free Access Service

Basic Toll Free Access Query	
- per Query	\$0.005183
POTS Translation	
- per Query	0.000000
Multiple Destination Routing	
- per Query	0.000499
Six Digit Master Number List Turnaround	
- per Query	0.003652

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ACCESS SERVICE

6. Switched Access Service (Cont'd)6.8 Rates and Charges (Cont'd)6.8.9 Billing Name and Address Service

Set -up Fee	\$3,000.00
-per CIC	
BNA Found	.77
-per query	
BNA Not Found	.39
-per query	

6.8.10 Outbound Messaging Application

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	(N)
- Per LATA	NPM	\$6000.00		
- Per Point Code	US4PL	\$2000.00		
- Provisioning Charge per LATA	NPM		\$125.00	
				(N)

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ACCESS SERVICE

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ACCESS SERVICE

7. Special Access Service7.1 General

Special Access Service provides a transmission path to connect customer designated premises*, directly, through a Telephone Company hub or hubs where bridging or multiplexing functions are performed, or to connect a customer designated premises and a WATS Serving Office. Special Access Service includes all exchange access not utilizing Telephone Company end office switches.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

Special Access Services are ordered under the Access Order provisions set forth in Section 5. preceding.

Rates and charges for Special Access Service are set forth in Sections 7.7.6, 7.8.5, 7.9.4, 7.10.5, and 7.11.5 following, with the exception of the services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. The rates and charges for the Special Access Services in the MSAs that have received Phase II pricing flexibility are set forth in Section 22.

7.1.1 Channel Types

There are seven types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces those that they desire to meet specific communications requirements.

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this tariff, there is no restriction against doing so.

* Telephone Company Centrex CO and CO-like switches and packet switches included in Public Packet Switching Network (PPSN)⁽¹⁾ Service and Interconnection Chambers for EIS are considered to be a customer designated premises for purposes of this tariff.

(C)

(1) As of October 6, 2004, PPSN Interface Arrangement service utilizing the X.25 and X.75 protocol is obsolete and limited to existing installations, at existing locations, for existing customers.

(N)
(N)
(N)

(This page filed under Transmittal No. 72)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.1 Channel Types (Cont'd)

Following is a brief description of each type of channel:

Voice Grade - a channel for the transmission of analog signals within an approximate bandwidth of 300 to 3000Hz.

Program Audio - a channel for the transmission of audio signals. The nominal frequency bandwidths are from 200 to 3500 Hz, from 100 to 5000 Hz, from 50 to 8000 Hz, or from 50 to 15000 Hz.

Video - a channel for the transmission of standard 525 line 60 field monochrome or National Television Systems Committee color video signal and one or two associated 5 or 15 kHz audio signals. The bandwidth is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz.

Digital Data - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 56 or 64 kbps.

High Capacity - a channel for the transmission of isochronous serial digital data at rates of 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.1 Channel Types (Cont'd)

Detailed descriptions of each of the channel types are provided in 7.5 through 7.11 following.

The customer also has the option of ordering Voice Grade and High Capacity facilities (i.e., 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, 44.736 Mbps and 274.176 Mbps) to Telephone Company hubs for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in 7.7 and 7.11 following. Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features and functions available are set forth in 7.2.1 following.

For example, a customer may order a 3.152 Mbps High Capacity channel from a customer designated premises to a Telephone Company hub for multiplexing to two 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different hub to Voice Grade channels or may be extended to other customer designated premises or hubs. Optional features may be added to either the 1.544 Mbps or the Voice Grade channels.

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7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.2 Service Descriptions

For the purposes of ordering, the categories of Special Access Service are:

- Program Audio (AP)
- Video (TV)
- Voice Grade (VG)
- WATS Access Line (WAL)
- Digital Data (DA)
- High Capacity (HC)

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Technical specifications packages and optional features and functions are described in this section. Channel interfaces are described in 15.3 and 15.4 following.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

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7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.2 Service Descriptions (Cont'd)

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises, between a customer designated premises and a Telephone Company hub where bridging or multiplexing functions are performed, between hubs, or between a customer designated premises and a WATS Serving Office.

- (A) Information pertaining to the technical specifications packages indicates the transmission parameters that are available with each package. This information is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VGC. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. These two letter codes are shown above in parentheses following the category of Special Access Service. The letter "C" following the two letter code indicates the technical specifications package for a customized service. The letter "w" following the two letter code indicates the technical specifications package for a voice grade Special Access Service used in the provision of WATS or WATS-type service using a Telephone Company designated WATS Serving Office. A numeric or alpha-numeric designation following the two letter code indicates the specific predefined package. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

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7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.2 Service Descriptions (Cont'd)

- (B) Channel interfaces at each Point of Termination on a two-point service may be symetrical or asymetrical. On a multipoint service they may also be symetrical or asymetrical, but communications can only be provided between compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in 15.3.5 following, in a combination format.
- (C) Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth in (F) following. When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.
- (D) The optional features and functions available with each type of Special Access Service are described in this section. The optional features and functions information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature or function listed down the left side and the technical specifications package listed across the top.
- (E) The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that existing services with performance specifications exceeding the standards listed in this provision will be maintained at the performance levels specified in this tariff.

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7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.2 Service Descriptions (Cont'd)

(F) All services installed after the effective date of this tariff will conform to the transmission specification standards contained in this tariff or in the following Technical References for each category of service:

Digital Data Over Voice	PUB L-780080-PB/NB
Voice Grade	TR-NPL-000335
- WATS Access Line	PUB 41004, Table 4
Program Audio	TR-NPL-000334
Video	TR-NPL-000337
Digital Data	TR-NPL-000338
Digital Data	PUB 62507
High Capacity	PUB 62310
High Capacity	PUB 62411
	TA-TSY-000342

7.1.3 Service Configurations

There are two types of service configurations over which Special Access Services are provided: two-point service and multipoint service.

(A) Two-Point Service

A two-point service connects two customer designated premises, either on a directly connected basis or through a hub where multiplexing functions are performed, or a customer designated premises and a WATS Serving Office (WSO).

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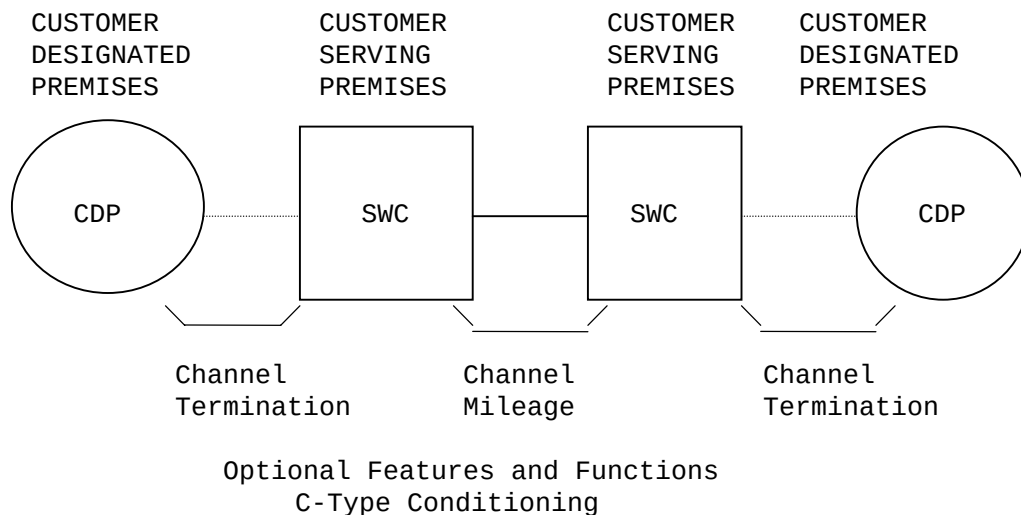
7. Special Access Service (Cont'd)7.1.3 Service Configurations (Cont'd)(A) Two-Point Service (Cont'd)

Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- optional Features and Functions (when applicable)

A Special Access Surcharge, as set forth in 7.3 following and a Message Station Equipment Recovery Charge, as set forth in 7.4 following, may be applicable.

The following diagram depicts a two-point Voice Grade service connecting two customer designated premises (CDP). The service is provided with C-Type conditioning.



Applicable rate elements are:

- Channel Terminations (applicable one (1) per CDP*)
- Channel Mileage (i section, Channel Mileage Facility per mile plus 2 Channel Mileage Terminations)
- C-Type conditioning Optional Feature

* When CDP is an Interconnection Chamber (See EIS Service Section 18 following) the EIS Channel Termination as described in Section 18 following will apply.

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7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.3 Service Configurations (Cont'd)(B) Multipoint Service

Multipoint service connects three or more customer designated premises through one or more Telephone Company hubs. Only certain types of Special Access Service are provided as multipoint service. These are so designated in the descriptions for the appropriate channel.

The channel between hubs (i.e., bridging locations) on a multipoint service is a mid-link. There is no limitation on the number of mid-links available with a multipoint service. However, when more than three mid-links in tandem are provided, the quality of the overall service may be degraded.

Multipoint service utilizing a customized technical specifications package, as set forth in 7.1.2 preceding, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will specify the desired bridging hub(s). EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations and the type of bridging functions available.

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)

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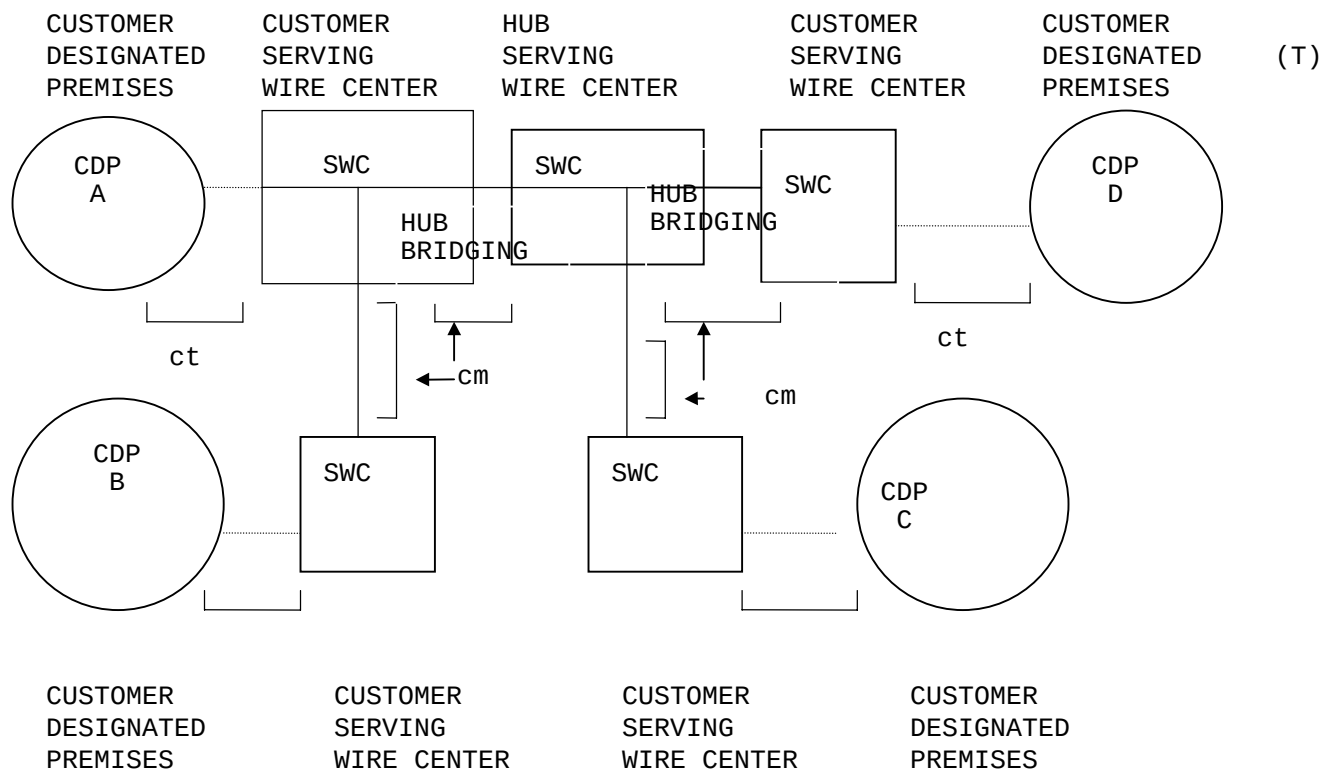
ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.3 Service Configurations (Cont'd)(B) Multipoint Service (Cont'd)

- Channel Mileage (as applicable between the serving wire center for each customer designated premises and the hub and between hubs).
- Bridging
- Additional Optional Features and Functions (when applicable).

The Special Access Surcharge, as set forth in 7.3 following, and a Message Station Equipment Recovery Charge, as set forth in 7.4 following, may be applicable.

Example: Voice Grade multipoint service connecting four customer designated premises (CDP) via two customer specified bridging hubs.



CT - Channel Termination
CM - Channel Mileage

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.3 Service Configurations (Cont'd)(B) Multipoint Service (Cont'd)

Applicable rate elements are:

- Channel Terminations (4 applicable)
- Channel Mileage (4 sections, Channel Mileage Facility per mile plus 2 Channel Mileage Terminations per section)
- Bridging Optional Feature (6 applicable, i.e., each bridge port)

7.1.4 Alternate Use

Alternate Use occurs when a service is arranged by the Telephone Company so that the customer can select different types of transmission at different times. A customer may use a service in any privately beneficial manner. However, where technical or engineering changes are required to effectuate an alternate use, the Telephone Company will make such special arrangements available on an individual case basis.

The arrangement required to transfer the service from one operation to the other (i.e., the transfer relay and control leads) will be rated and provided on an individual case basis and filed in Section 12., Specialized Service or Arrangements. The customer will pay the stated tariff rates for the Access Service rate elements for the service ordered (i.e., Channel Terminations, Channel Mileage [as applicable] and Optional Features and Functions [if any]).

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7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.5 Special Facilities Routing

A customer may request that the facilities used to provide Special Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity and Cable-Only) are set forth in 11. following.

7.1.6 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

7.1.7 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test at the time of installation, the following parameters:

- (A) For Voice Grade analog services, acceptance test will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.

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7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.7 Acceptance Testing (Cont'd)

(B) For other analog services (i.e., Program Audio, and Video) and for digital services (i.e., Digital Data and High Capacity) service, acceptance tests will include tests for the parameters applicable to the service as specified by the customer in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade service to test other parameters, as described in 13.3.5(B) following, is available at the customer's request. All test results will be made available to the customer upon request.

7.1.8 Ordering Options and Conditions

Special Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

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7. Special Access Service (Cont'd)

7.2 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Special Access.

7.2.1 Rate Categories

There are three basic rate categories which apply to Special Access Service:

- Channel Terminations (described in 7.2.1(A) following)
- Channel Mileage (described in 7.2.1(B) following)
- Optional Features and Functions (described in 7.2.1(C) following)

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.1 Rate Categories (Cont'd)(A) Channel Termination

The Channel Termination rate category provides for the communications path between a customer designated premises and the serving wire center of that premises. It also provides for the unrecovered portion of inside wire investment assigned to Special Access Service. Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability is provided as an optional feature as set forth in (C) following. One Channel Termination charge applies per customer designated premises at which the channel is terminated. For WATS Access Line Service, only one Channel Termination applies per service. This charge will apply even if the customer designated premises and the serving wire center are collocated in a Telephone Company building.

(B) Channel Mileage

The Channel Mileage rate category provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between the serving wire centers associated with a customer designated premises and a Telephone Company Hub or between two Telephone Company Hubs. Channel mileage rates are made up of the Channel Mileage Facility rate and the Channel Mileage Termination rate.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.1 Rate Categories (Cont'd)(B) Channel Mileage (Cont'd)(1) Channel Mileage Facility

The Channel Mileage Facility rate recovers the cost for the transmission path which extends between the Telephone Company serving wire centers and/or hub(s) and includes primarily outside plant used to provide the facility.

When the customer orders High Capacity Service as described in 7.11 and 7.11.5 following, the Channel Mileage Facility must be ordered in conjunction with an associated Channel Termination as described in 7.2.1.(A), preceding.

(2) Channel Mileage Termination

The Channel Mileage Termination rate recovers the cost for end office equipment associated with terminating the facility (i.e., basic circuit equipment and terminations at serving wire centers and hubs). The Channel Mileage Termination rate will apply at the serving wire center(s) for each customer designated premises and Telephone Company hub where the channel is terminated. If the Channel Mileage is between Telephone Company bridging hubs, the Channel Mileage Termination rate will apply per Telephone Company designated hub. When the Channel Mileage Facility is zero (i.e., collocated serving wire centers), neither the Channel Mileage Facility rate nor the Channel Mileage Termination rate will apply.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.1 Rate Categories (Cont'd)(C) Optional Features and Functions

The Optional Features and Functions rate category provides for optional features and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the path of the service, they will be charged for as a single rate element.

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

A hub is a Telephone Company designated serving wire center at which bridging or multiplexing functions are performed. The bridging functions performed are to connect three or more customer designated premises in a multipoint arrangement. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth. EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations and the type of bridging or multiplexing functions available.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.1 Rate Categories (Cont'd)(C) Optional Features and Functions (Cont'd)

Descriptions for each of the available Optional Features and Functions are set forth in 7.5 through 7.11 following.

(D) Collocation Transport

Collocation Transport provides for the transmission facilities between collocation arrangements located in Telephone Company Central Offices.

There are two components of Collocation Transport.

(1) Inter/Intra Office Fixed

Inter/Intra office fixed rate element provides for the electronic equipment required to terminate a channel between two collocation arrangements located either in the same central office (intra) or in two separate central offices (inter).

When the DS1 Intra Office Fixed channel is ordered between two collocation arrangements that are for the same collocator, it will be provisioned as a temporary arrangement and will be in service until the collocator's own facilities are installed, not to exceed 150 days. There is no additional charge to disconnect these temporary facilities.

(2) Inter Office Per Mile

The Per Mile charge provides for the electronic equipment and facilities necessary to provide the interoffice transport between two collocation arrangements.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.2 Types of Rates and Charges

There are three types of rates and charges. These are monthly rates, daily rates and nonrecurring charges. The rates and charges are described as follows:

The rates and charges in effect at the time that the Special Access Service is installed and accepted by the customer are the rates and charges which will be billed to the customer requesting the service.

(A) Monthly Rates

Monthly rates are recurring rates that apply each month or fraction thereof that a Special Access Service is provided. For billing purposes, each month is considered to have 30 days.

(B) Daily Rates

Daily rates are recurring rates that apply to each 24 hour period or fraction thereof that a Program Audio or Video Special Access Service is provided for part-time use. For purposes of applying daily rates, the 24 hour period is not limited to a calendar day.

Part-time Video or Program Audio Service provided within a consecutive 30 day period will be charged the daily rate, not to exceed an amount equal to the monthly rate. For each subsequent day or part day, a charge equal to 1/30th of the monthly rate shall apply.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.2 Types of Rates and Charges (Cont'd)(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Special Access Service are: installation of service, installation of optional features and functions, and service rearrangements.

(1) Installation of Service

Nonrecurring charges apply to each service installed. The nonrecurring charges for the installation of service are set for each channel type as a nonrecurring charge for the Channel Termination.

(2) Installation of Optional Features and Functions

Nonrecurring charges apply for the installation of some of the optional features and functions available with Special Access Service. The charge applies whether the feature or function is installed coincident with the initial installation of service or at any time subsequent to the installation of the service.

The optional features for which nonrecurring charges apply are:

- Voice Grade Data Capability
- Voice Grade Telephoto Capability
- Program Audio Gain Conditioning

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.2 Types of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which may be administrative only in nature, as set forth following, or that involve actual physical change to the service. Changes to pending orders are set forth in 5.2.2 preceding.

Changes in the physical location of the point of termination or customer designated premises are moves as set forth in 7.2.3 following.

Changes in the type of Service or Channel Termination which result in a change of the minimum period requirement will be treated as a discontinuance of the service and an installation of a new service.

Customers with DS3 service provided under Individual Case Basis (ICB) in other portions of this tariff or with a month-to-month billing period who wish to convert their DS3 service to a 1, 3 or 5 year billing period, may do so without penalty or assessment of new nonrecurring charges, providing there is no physical change in the service arrangement.

Changes in ownership or transfer of responsibility from one customer to another will be treated as a discontinuance of the service and an installation of a new service. In the event the change in ownership or transfer of responsibility as set forth in 2.1.2(A) preceding where there is no change in facilities or arrangements, the change will be treated as an administrative change without charge to the customer.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.2 Types of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

(a) Administrative changes will be made without charge(s) to the customer. Administrative changes are as follows:

- Change of customer name,
- Change of customer or customer's end user premises address when the change of address is not a result of a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),
- Change of agency authorization,
- Change of customer circuit identification,
- Change of billing account number,
- Change of customer test line number,
- Change of customer or customer's end user contact name or telephone number, and
- Change of jurisdiction.

(b) All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer designated premises to an existing multipoint service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.2 Types of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)

(b) (Cont'd)

- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per service termination affected.
- If the change involves the rearrangement of existing Voice Grade Service to a Multiplexed High Capacity service and there is no change of customer premises location(s), a charge equal to one-half the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will be per service termination affected.
- Except for moves stated in 7.2.3 following, all other changes, including the addition of optional feature or function without a separate nonrecurring charge, a charge equal to a channel termination nonrecurring charge will apply. Only one such charge will apply per service, per change.
- If a Special Access change involves changing a Multiplexer Cross Connect it will be considered to be a discontinuance and installation of the Multiplexer Cross Connect and all applicable nonrecurring charges shall apply.

(N)
|
(N)

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.2 Types of Rates and Charges (Cont'd)(C) Nonrecurring Charges (Cont'd)(3) Service Rearrangements (Cont'd)(c) DS1/DS3 Rollover Charges

Rollover Charges are physical changes to, or reclassification of existing service, where there is no change in either point of termination or the Expanded Interconnection Service (EIS) point of termination. Except as noted below, all facilities and equipment required for the activity must already exist. The following are examples where DS1/DS3 Rollover Charges will apply:

- Rearranging an existing Special Access DS1 or DS3 service from one port to another port in the same multiplexer.
- Rearranging an existing Special Access DS1 or DS3 service from one multiplexer to another multiplexer in the same serving wire center.
- Rearranging an exiting Special Access DS1 or DS3 Channel Termination to a port of an existing multiplexed higher speed service in the same serving wire center.
- Rearranging an existing Special Access DS1 or DS3 Channel Termination to an EIS DS1 or DS3 Channel Termination in the same serving wire center.
- Rearranging an existing lower speed service to an existing multiplexed higher speed service.

In the event a change involves a physical move of the point of termination at the customer's premises or a move of the customer's premises, a move charge as set forth in 7.2.3 will apply.

Rollover Charges are set forth in 7.11.5(D) following. No charge will apply for subtending services of the service being rolled over as long as there is no change to the subtending services.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.3 Moves

A move involves a change in the physical location of one of the following:

- The Point of Termination at the customer's premises
- The customer's premises

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building or a change of connecting facility assignment in the same central office other than DS1 and DS3 rollover rearrangements as described in 7.2.2(C)(3)(c) preceding, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements.

(B) Moves To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

7.2.4 Minimum Periods

The minimum service period for all services is one month, except DS3 High Capacity Service under a 1, 3 or 5 year billing period, and part-time Video and Program Audio services.

(A)	The minimum service period for part-time Video and Program Audio services is one day (i.e., a continuous 24-hour period, not limited to a calendar day).	(T)
(B)	The minimum service period for DS3 (44.746 Mbps) High Capacity Special Access Service is a 1 year term plan. After the 1-, 3-, or 5-year billing period is satisfied, the customer must select a renewal option as referenced in Section 7.11.5.1.	(N) (N)

(This page filed under Transmittal No. 55)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.5 Mileage Measurement

The mileage to be used to determine the monthly rate for the Channel Mileage Facility is calculated on the airline distance between the locations involved, i.e., the serving wire centers associated with two customer designated premises, a serving wirecenter associated with a customer designated premises and a Telephone Company hub, two Telephone Company hubs or between the serving wire center associated with a customer designated premises and a WATS Serving Office. The serving wire center associated with a customer designated premises is the serving wire center from which this customer designated premises would normally obtain dial tone.

Mileage charges are shown with each channel type. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4, then multiply the resulting number of miles times the Channel Mileage Facility per mile rate, and add the Channel Mileage Termination rate for each termination. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage and applying the rates.

(T)

When hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e., customer designated premises serving wire center to hub, hub to hub and/or hub to customer designated premises serving wire center. However, when any service is routed through a hub for purposes other than customer specified bridging or multiplexing (e.g., the Telephone Company chooses to so route for test access purposes), rates will be applied only to the distance calculated between the serving wire centers associated with the customer designated premises.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.6 Facility Hubs

A customer has the option of ordering Voice Grade service or High Capacity services (i.e., DS1, DS1C, DS2, DS3 or DS4) to a facility hub for channelizing to individual services requiring lower capacity facilities (e.g., Voice, Program Audio, etc.).

Different locations may be designated as hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. When placing an Access Order the customer will specify the desired hub. EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations and the type of multiplexing functions available.

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to voice frequency channels

Point to point services may be provided on channels of these services to a hub. The transmission performance for the point to point service provided between customer designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps channel is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.6 Facility Hubs (Cont'd)

The Telephone Company will commence billing the monthly rate for the service to the hub on the date specified by the customer on the Access Order. Individual channels utilizing these services may be installed coincident with the installation of the service to the hub or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade or a High Capacity Channel Termination, Channel Mileage (when applicable), and the multiplexer at the time the service is installed. Individual service rates (by service type) will apply for a Channel Termination and additional Channel Mileage (as required) for each channelized service. These will be billed to the customer as each individual service is installed.

Cascading multiplexing occurs when a High Capacity service is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a 6.312 Mbps High Capacity service is de-multiplexed to four DS1 channels and then one of the DS1 channels is further de-multiplexed to 24 individual Voice Grade channels.

When cascading multiplexing is performed, whether in the same or a different hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different hubbing locations, Channel Mileage charges also apply between the hubs.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.6 Facility Hubs (Cont'd)

The Telephone Company will designate hubs for Video and Program Audio Services. Full-time or part-time service may be provided between customer designated premises or between a customer designated premises and a hub and billed accordingly at the monthly rates set forth in 7.8 and 7.9 following for a Channel Termination, Channel Mileage and Optional Features and Functions, as applicable. When the service is ordered to a hub, the customer may order a full-time or part-time Video and Program Audio services as needed between that hub and additional customer designated premises. The rate elements required to provide the part-time service (i.e., Channel Termination, Channel Mileage and Optional Features and Functions, as applicable) will be billed at daily rates for the duration of the service requested.

7.2.7 Shared Use Analog and Digital High Capacity Services

Shared use refers to a rate application applicable only when the customer orders High Capacity facilities between a customer designated premises and a Telephone Company hub where the Telephone Company performs multiplexing/demultiplexing functions and the same customer then orders the derived channels as Special and Switched Access Services.

The High Capacity facility will be ordered, provided and rated as Special Access Service (i.e., Channel Termination, Channel Mileage, as appropriate, and Multiplexing Arrangement). The nonrecurring charge that applies when the shared use facility is installed will be the nonrecurring charge associated with the appropriate Special Access High Capacity Channel Termination. Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for Switched Access Service. Individual service (i.e., Switched or Special Access) nonrecurring charges will not apply to the individual channels of the shared use facility.

Shared use is permitted with Expanded Interconnection Service described in Section 18.1.2 following.

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7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.7 Shared Use Analog and Digital High Capacity Services
(Cont'd)

When Special Access Service is provided utilizing a channel of the shared use facility to a hub, High Capacity rates and charges will apply for the facility to the hub, as set forth preceding, and individual service rates and charges will apply from the hub to the customer designated premises. The rates and charges that will apply to the portion from the hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, Telegraph, etc.). The applicable rates and charges will include a Channel Termination and Channel Mileage, if applicable. Rates and charges for optional features and functions associated with the service, if any, will apply for the appropriate channel type.

As each individual channel is activated for Switched Access Service, the High Capacity Special Access Channel Termination and Channel Mileage rates will be reduced accordingly (e.g., 1/24th for a DS1service, 1/672nd for DS-3 service, etc.). In addition, if multiplexing is associated with the service under optional features and functions, the multiplexor rate will also be reduced accordingly. Switched Access Service rates and charges, as set forth in 6.8 preceding, will apply for each channel of the shared use facility that is used to provide a Switched Access Service.

The customer must place an order for each individual Switched or Special Access Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Rate Regulations (Cont'd)7.2.8 Extension of WATS Access Service

WATS Access Service is available with extensions, i.e., additional terminations, of the service at different customer designated premises in the same or different LATAs. Extensions are provided and charged for as separate Voice Grade Special Access Service. The rate elements which apply are: WATS Access Line Channel Termination, Channel Mileage, if applicable, and Signaling Capability (Optional Features and Functions), if applicable. All appropriate charges as set forth in 7.7.6 following will apply.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Surcharge for Special Access Service7.3.1 General

Special access services provided under this tariff may be subject to the monthly Special Access Surcharge. (T)

7.3.2 Application

- (A) The Special Access Surcharge will apply to each interstate Special Access Service that terminates on an end user's PBX or other device where, through a function of the device, the Special Access Service interconnects to the local exchange network. Interconnection functions include, but are not limited to, wiring and software functions, bridging, switching or patching of calls or stations. The Surcharge will apply irrespective of whether the interconnection function is performed in equipment located at the customer's premises or in a Centrex Co-type switch.
- (B) Special Access Service will be exempted from the Surcharge by the Telephone Company upon receipt of the customer's written certification for the following Special Access Service terminations:
- (1) an open-end termination in a Telephone Company switch of an FX line, including CCSA and CCSA-equivalent ONALs; or
 - (2) an analog channel termination that is used for radio or television program transmission; or
 - (3) a termination used for TELEX service; or
 - (4) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines such as, terminations which are restricted through hardware or software; or

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Surcharge for Special Access Service (Cont'd)7.3.2 Application (Cont'd)

(B) (Cont'd)

- (5) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line charges such as, where the Special Access Service accesses only FGA and no local exchange lines, or Special Access Service between customer points of termination, or Special Access Service connecting CCSA or CCSA-type equipment (inter-machine trunks); or
- (6) a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device which interconnects the Special Access Service to a local exchange subscriber line.

7.3.3 Exemption of Special Access Service

- (A) Special Access Services which are terminated as set forth in 7.3.2(B) preceding will be exempted from the Special Access Surcharge if the customer provides the Telephone Company with written exemption certification. The certification may be provided to the Telephone Company (1) at the time the Special Access Service is ordered or installed; (2) at such time as the service is reterminated to a device which does not interconnect to the service to local exchange facilities, or (3) at such time as the service becomes associated with a Switched Access Service that is subject to Carrier Common Line Charges.

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7. Special Access Service (Cont'd)7.3 Surcharge for Special Access Service (Cont'd)7.3.3 Exemption of Special Access Service (Cont'd)

- (B) The exemption certification is to be provided by the customer ordering the service. The certification must be signed by the customer or authorized representative and include the category of exemption, as set forth in 7.3.2(B) preceding, for each termination, and the date which the exemption is effective.
- (C) The customer shall also notify the Telephone Company when an exempted Special Access Service is changed or reterminated such that the exemption is no longer applicable.
- (D) The Telephone Company will work cooperatively with the customer to resolve any questions regarding the exemption certification. In addition, the Telephone Company may withhold exemption of the service until the questions are resolved.

7.3.4 Rate Regulations

- (A) The Surcharge will apply as set forth in 7.3.2(A) preceding, except that a surcharge will be assessed on a per voice grade equivalent basis for Special Access Services derived from High Capacity Special Access Services as shown in the following example:

<u>Special Access Service</u>	<u>Voice Grade Equivalent</u>		<u>Surcharge</u>		<u>Monthly Charge</u>
DS1	24	X	\$25.00	=	\$600.00

In the case of multipoint Special Access Services, one Special Access Surcharge will apply for each termination of a Special Access Channel at an end user's premises.

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7. Special Access Service (Cont'd)7.3 Surcharge for Special Access Service (Cont'd)7.3.4 Rate Regulations (Cont'd)

(B) The Telephone Company will bill the appropriate Special Access Surcharge to the ordering customer for each interstate Special Access Service installed unless exemption certification is provided as set forth in 7.3.3 preceding.

(C) If a written certification is not received at the time the Special Access Service is obtained, the Surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations set forth in (D) following.

(D) Crediting the Surcharge

The Telephone Company will cease billing the Special Access Surcharge when certification, as set forth in 7.3.3 preceding, is received. If the status of the Special Access Service was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change as specified by the customer in the letter of certification.

(E) Surcharge Payment Deferral Provision

The Telephone Company will bill the surcharge on Special Access facilities in service as of June 1, 1986, used in the provision of WATS or WATS-type service through a Telephone Company designated WATS Serving Office (WSO). Payment of such surcharge may be deferred, without penalty, for up to ninety (90) days from the date of the first bill rendered for the Special Access Surcharge.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.3 Surcharge for Special Access Service (Cont'd)7.3.4 Rate Regulations (Cont'd)

(E) Surcharge Payment Deferral Provision (Cont'd)

If appropriate exemption certification is not received by the Telephone Company by the end of the ninety (90) days deferral period, the billed Special Access Surcharge will become due. These charges, if unpaid, will be subject to a late payment charge as set forth in Section 2.4.1(B)(2) preceding.

7.3.5 Rate

	<u>USOC</u>	<u>Monthly Rate</u>
Surcharge for Special Access Service - Per Voice Grade Equivalent	S25	\$25.00

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7. Special Access Service (Cont'd)7.4 Message Station Equipment Recovery Charge7.4.1 General

The Message Station Equipment Recovery Charge is a charge to (T)
recover that portion of message station equipment that is
assigned to Special Access Service.

Pursuant to CC Docket 83-1145 Memorandum Opinion and Order
adopted by the Federal Communications Commission on November 8,
1984, and released on November 9, 1984, this charge is assessed
only to those customers to which the Special Access Surcharge,
as set forth in 7.3 preceding, applies.

7.4.2 Rate

	<u>USOC</u>	<u>Monthly Rate</u>
Message Station Equipment Recovery Charge		
- Per Special Access Surcharge Assessed	UTM	\$0.00

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7. Special Access Service (Cont'd)

7.5 Reserved for Future Use

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.6 Digital Data Over Voice7.6.1 Basic Channel Description

A Digital Data Over Voice (DDOV) service allows the simultaneous transmission of either synchronous or asynchronous data at the speed of 9.6 kbps. A DDOV Channel Termination is provided as a derived channel of a customer's existing local exchange voice grade service local loop facility. The customer may transmit data over the DDOV service simultaneously with a voice transmission. The customer must provide a compatible data voice multiplexer at the designated customer premises.

DDOV is provided where suitable local loop facilities are available subject to the transmission limitations of the facilities and equipment used by the Telephone Company.

The end user must have a single party, analog voice band, local exchange telephone line in service at the time the order of the DDOV is placed.

DDOV must be ordered in conjunction with High Capacity Multiplexing, DS1 to Voice/Digital as set forth in 7.11.4(B)(5) following.

7.6.2 Technical Specifications Packages

The technical specifications for DDOV service and the customer-provided data voice multiplexer are delineated in the appropriate Technical Reference for DDOV service listed in Section 7.1.2(F).

7.6.3 Channel Interfaces

Compatible channel interfaces are set forth in the appropriate Technical Reference for DDOV service listed in Section 7.1.2(F).

7.6.4 Optional Features and Functions

There are no optional features and functions available with DDOV service.

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7. Special Access Service (Cont'd)7.6 Digital Data Over Voice (Cont'd)7.6.5 Rates and Charges

(A) <u>Channel Termination</u>	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Rate</u>
- Per Termination			
- 9.6 kbps	T60VS	\$38.00	\$482.53

(B) Channel Mileage

Channel Mileage will be charged at the corresponding channel mileage rates for Digital Data Service in Section 7.10.5(B) following.

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7. Special Access Service (Cont'd)7.7 Voice Grade Service7.7.1 Basic Channel Description

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice Grade channels are provided between customer designated premises, between a customer designated premises and a Telephone Company hub or hubs, or between a customer designated premises and a WATS Serving Office (WSO).

7.7.2 Technical Specifications Packages

Package VG-

Parameter	C*	1	2	3	4	5	6	7	8	9	10	11	W
Attenuation													
Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X	X		X		X	X			X	X
Envelope Delay													
Distortion	X						X	X	X	X	X	X	X
Frequency Shift	X						X	X	X	X	X	X	X
Impulse Noise	X					X	X	X	X	X	X	X	X
Intermodulation													
Distortion	X						X	X	X	X	X	X	X
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X
Phase Hits, Gain													
Hits, and Dropouts	X												
Phase Jitter	X						X	X	X	X	X	X	X
Signal-to-C													
Message Noise					X								
Signal-to-C													
Notch Noise	X					X	X	X	X	X	X	X	X

* The desired parameters are selected by the customer from the list of available parameters.

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7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.2 Technical Specifications Packages (Cont'd)

The technical specifications for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference TR-NPL-000334, TR-NPL-000335 and associated Addendum. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference PUB 41004, Table 4.

7.7.3 Channel Interfaces

The following channel interfaces for Voice Grade service do not require signaling capability: AH, DA, DB, DD, DE, DM, DS, NO, PR and TF.

The following channel interfaces for Voice Grade service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

Compatible channel interfaces are set forth in 15.3 following.

7.7.4 Optional Features and Functions(A) Central Office Bridging Capability

- (1) Voice Bridging (two-wire and four-wire)
- (2) Data Bridging (two-wire and four-wire)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(B) Conditioning

Conditioning provides more specific transmission characteristics for Voice Grade services. C-Type conditioning controls attenuation distortion and envelope delay distortion. Sealing Current helps maintain continuity on dry metallic loops.

For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to each mid-link or end link. C-Type conditioning and Data Capability may be combined on the same service.

In addition, a customer may desire that either the attenuation distortion or the envelope delay distortion, or both, be improved to more stringent specifications than those provided for standard C-Type conditioning. In such cases the customer has the option of ordering either Improved Attenuation Distortion or Improved Envelope Delay Distortion, or both, as desired.

(1) C-Type Conditioning

C-Type Conditioning is provided for the additional control of attenuation distortion and envelope delay distortion on data services. The attenuation distortion and envelope delay distortion specifications for C-Type Conditioning are delineated in Technical Reference TR-NPL-000335.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(B) Conditioning (Cont'd)(2) Improved Attenuation Distortion *

Improved Attenuation Distortion upgrades the frequency versus loss limits of the channel. The technical specifications for Improved Attenuation Distortion are delineated in Technical Reference TR-NPL-000335.

(3) Improved Envelope Delay Distortion *

Improved Envelope Delay Distortion upgrades the frequency versus delay response limits of the channel. The technical specifications for Improved Envelope Delay Distortion are delineated in Technical Reference TR-NPL-000335.

* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to September 29, 1988.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(B) Conditioning (Cont'd)(4) Sealing Current Conditioning

Sealing Current Conditioning is provided to help maintain continuity on dry loops. It is usually associated with four-wire DA or NO type channel interfaces.

(C) Customer Specified Premises Receive Level

This option allows the customer to specify the receive level at the Point of Termination. The level must be within a specific range on effective four-wire transmission. The ranges are delineated in Technical Reference TR-NPL-000335.

(D) Improved Return Loss

(1) On Effective Four-Wire Transmission at Four-Wire Point of Termination (applicable to each two-wire port): Provides for a fixed 600 ohm impedance, variable level range and simplex reversal. Telephone Company equipment is required at the customer's premises where this option is ordered. The Improved Return Loss parameters are delineated in Technical Reference TR-NPL-000335.

(2) On Effective Two-Wire Transmission at Two-Wire Point of Termination: Provides for more stringent Echo Control specifications. In order for this option to be applicable, the transmission path must be four-wire at one POT and two-wire at the other POT. Placement of Telephone Company equipment may be required at the customer's premises with the two-wire POT. The Improved Return Loss parameters are delineated in Technical Reference TR-NPL-000335.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(E) Data Capability (D Conditioning)

Data Capability provides transmission characteristics suitable for data communications. Specifically, Data Capability provides for the control of Signal to C-Notched Noise Ratio and intermodulation distortion. It is available for two-point services or three-point multipoint services.

The Signal to C-Notched Noise Ratio and intermodulation distortion parameter for Data Capability are:

- Signal to C-Notched Noise Ratio is equal to or greater than 32dB
- Intermodulation distortion:
 - Signal to second order modulation products (R2) is equal to or greater than 38dB.
 - Signal to third order modulation products (R3) is equal to or greater than 42 dB

When a service equipped with Data Capability is used for voice communications, the quality of the voice transmission may not be satisfactory.

(F) Telephoto Capability

Telephoto Capability provides transmission characteristics suitable for telephotographic communications. Specifically, Telephoto Capability is provided for the control of attenuation distortion and envelope delay distortion on telephotographic services. The attenuation distortion and envelope delay distortion parameters for Telephoto Capability are:

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(F) Telephoto Capability (Cont'd)

<u>Attenuation Distortion</u> (1004Hz Reference)		<u>Envelope Delay Distortion</u>	
<u>Frequency Range (Hz)</u>	<u>Variation (dB)</u>	<u>Frequency Range (Hz)</u>	<u>Variation (mcs)</u>
500-3000	-0.5 to +1.5	1000-2600	110
300-3200	-1.0 to +2.5	800-2800	180

(G) Signaling Capability

Signaling Capability provides for the ability to transmit signals from one customer premises to another customer premises on the same service.

(H) Public Packet Switching Network (PPSN) Interface Arrangement⁽¹⁾

(C)

An arrangement that provides the interface requirements that permit a Voice Grade service to interface with a Public Packet Switching Network packet switch located in a Telephone Company premises. The interface is compatible with X.25 and X.75 packet switching protocols as defined by the CCITT.

(1) As of October 6, 2004, PPSN Interface Arrangement service utilizing the X.25 protocol and the X.75 protocol is obsolete and limited to existing installations, at existing locations, for existing customers.

(N)
(N)
(N)

(This page filed under Transmittal No. 72)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(I) Four-Wire/Two-Wire Conversions

When a customer requests that an effective four-wire channel be terminated with a two-wire channel interface at the customer designated premises, a four-wire to two-wire conversion is required. The rate for the conversion is included as part of the basic Channel Termination rate.

(J) Improved Two-Wire Voice Transmission(1) Loss Deviation

The maximum Loss Deviation of the 1004 HZ loss relative to the Expected measured Loss (EML) is -4.0 dB to +4.0 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 280 Hz frequency band relative to loss at 1004 Hz is -2.0 dB to +6.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than:

<u>Route Miles</u>	<u>C-Message Noise</u>
less than 50	35 dBrnc
51 to 100	37 dBrnc
101 to 200	40 dBrnc
201 to 400	43 dBrnc
401 to 1000	45 dBrnc

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)(J) Improved Two-Wire Voice Transmission (Cont'd)(4) Return Loss

The Return Loss, expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is equal to or greater than:

ERL	13.0 dB
SRL	6.0 dB

The rate for the provision of Improved Two-Wire Voice Transmission is included as part of the basic Channel Termination rate.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.4 Optional Features and Functions (Cont'd)

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package VG-													
	C	1	2	3	4	5	6	7	8	9	10	11	W	
C-Type Conditioning Central Office Bridging Capability	X					X	X	X	X	X		X		
Customer Specified Premises Receive Level	X		X			X	X					X	X	
Data Capability	X						X	X				X		
Improved Return Loss For Effective Four-Wire Transmission		X	X	X	X	X	X	X	X	X		X	X	
For Effective Two-Wire Transmission	X		X	X				X						
Improved Two-Wire Voice Transmission													X	
PPSN Interface Arrangement ⁽¹⁾	X									X				(C)
Sealing Current Conditioning	X						X							
Signaling Capability	X	X	X	X				X	X	X				
Telephoto Capability	X												X	

(1) As of October 6, 2004, PPSN Interface Arrangement service utilizing the X.25 protocol and the X.75 protocol is obsolete and limited to existing installations, at existing locations, for existing customers. (N)
(N)
(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.5 WATS Access Line (WAL) Service(A) Basic Channel Description

A WATS Access Line service provides a service for voice frequency transmission capability. The service provides a connection between a customer designated premises and a WATS serving office associated with the closed end of 800 Service or WATS. Originating access is provided with Feature Group C or D Switched Access Service as set forth in Section 6 preceding. Terminating access is provided with Feature Group A, B, C, or D as set forth in Section 6 preceding.

WAL Service can be arranged for screening, blocking and directionality at the option of the customer and where available. It is provided with either rotary dial or dual tone multifrequency address signaling and either loop start, ground start, E&M, or reverse battery supervisory signaling. The choice of the type of signaling is at the option of the customer and subject to the technical limitations identified in the Technical Reference TR-NPL-000334. WATS Access Line Service is provided as an effective two-wire, or an effective four-wire transmission path.

WAL Service is provided for interstate communications only. All originating intrastate intraLATA calls will be blocked.

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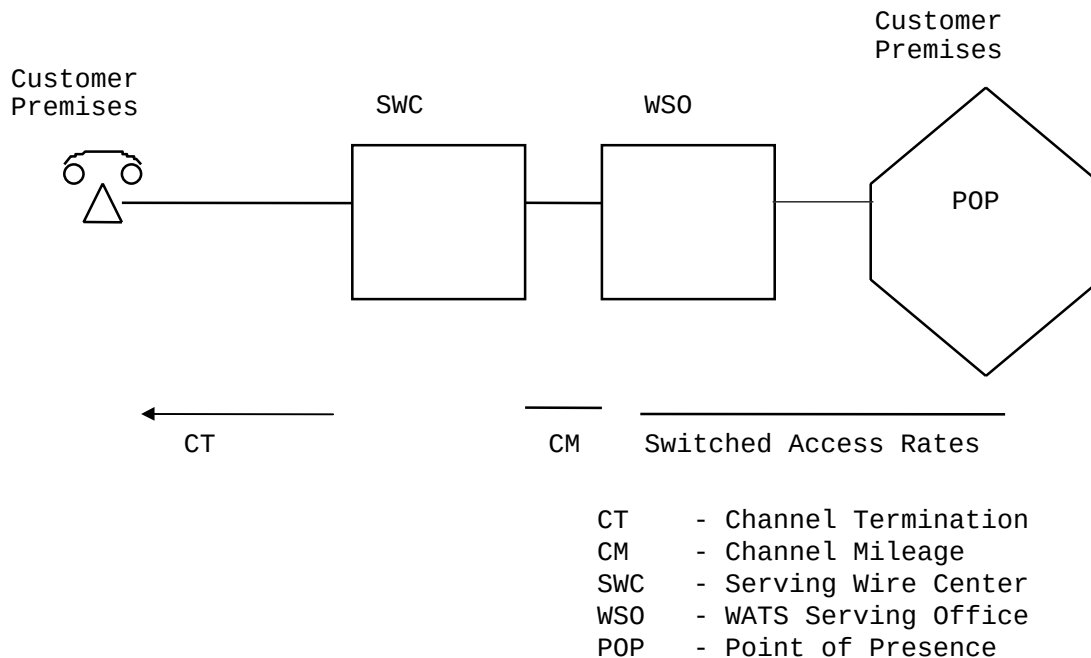
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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.5 WATS Access Line (WAL) Service (Cont'd)(A) Basic Channel Description (Cont'd)

The following diagram depicts a WATS Access Line service.



Applicable Rate elements are:

- CT - Channel Termination (1 applicable)
- CM - Channel Mileage
 - Optional Features and Functions when ordered (per channel termination).

(B) Technical Specifications

Technical specifications and examples of application are delineated in Technical Reference TR-NPL-000334.

(C) Channel Interfaces

Compatible channel interfaces are set forth in Technical Reference TR-NPL-000334.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.5 WATS Access Line (WAL) Service (Cont'd)(D) Optional Features and Functions

- (1) Improved two-wire voice transmission specifications
- (2) Certain other options associated with WAL services are as either Line Termination or Common Switching optional features as defined in Section 6 preceding.
- (3) WATS Access Lines use the same Features and Functions as Voice Grade Service.

The following table shows the services with which the Optional Features and Functions are available.

	Available with Technical Specifications Package WALs-					
	<u>EA</u>	<u>EB</u>	<u>ED</u>	<u>EG</u>	<u>FA</u>	<u>FJ</u>
Effective 2-Wire	X				X	X
Effective 4-Wire		X		X		
Improved 2-Wire				X	X	
Voice Transmission						
Improved Return Loss						
2-Wire						X
Digital DS1			X			
Bridging Capability	X	X		X	X	X

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.6 Rates and Charges

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Non-Recurring Charge</u>
(A) <u>Channel Termination</u>			
- Per Termination			
- Two-Wire	T6E2X	\$21.65(I)	\$200.00
- Four-Wire	T6E4X	\$21.65(I)	\$200.00
- WATS Access Line			
- Per point of termination			
- Two-Wire with screening and blocking	X2W	\$21.65(I)	\$200.00
- Four-Wire with screening and blocking	X4W	\$21.65(I)	\$200.00
(B) <u>Channel Mileage</u>			
	<u>USOC</u>	<u>Monthly Rate</u>	
(1) Channel Mileage Facility			
- Per Mile	1L5XX/CMF		\$0.44
(2) Channel Mileage Termination			
- Per Termination	1L5XX/CMT		\$8.90

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions(1) Bridging(a) Voice Bridging

	<u>USOC</u>	<u>Monthly Rate</u>
Two-Wire/Four Wire		
- Per port		
- Two-Wire	BCNV2	\$2.72
- Four-Wire	BCNV4	\$3.42

(b) Data Bridging

Two-Wire/Four-Wire		
- Per Port		
- Two-Wire	BCND2	\$2.72
- Four-Wire	BCND4	\$3.42

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Non- recurring Charges</u>	(T)
(2) Conditioning				
- Per Termination				
- C-Type	X1CPT	\$ 3.79	None	
- Improved Attenuation Distortion*	UHW	5.37	\$180.80	
- Improved Envelope Delay Distortion*	UHY	26.83	287.06	(T)
- Sealing Current	1HBPT	6.97	None	

* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to September 29, 1988. (T)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Non recurring Charges</u>
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission			
- Per termination			
- Two-Wire	1RL2W	\$ 8.24	None
- Four-Wire	1RL4W	8.20	None
(4) Customer Specified Received Level			
-Per two-wire termination	RLS	4.61	None
(5) Data Capability			
- Per termination	XDCPT	5.67	\$ 91.27
(6) Telephoto Capability			
- Per termination	XCPT	7.40	\$377.67

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>
(7) Signaling Capability - Per termination	XSS++	\$ 9.94

In lieu of ++, substitute appropriate two digit code from the following list to specify type of signaling.

AB
AC
CT
DX
DY
EA
EB
EC
EX
GO
GS
LA
LB
LC
LO
LR
LS
RV
SF

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.7 Voice Grade Service (Cont'd)7.7.6 Rates and Charges (Cont'd)(C) Optional Features and Functions (Cont'd)

	<u>Monthly Rate</u>	
(8) Public Packet Switching Network (PPSN) Interface Arrangement ⁽¹⁾		
- Per arrangement	ICB	(C)

(1) As of October 6, 2004, PPSN Interface Arrangement service utilizing the X.25 protocol and the X.75 protocol is obsolete and limited to existing installations, at existing locations, for existing customers. (N)
(N)
(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.8 Program Audio Service7.8.1 Basic Channel Description

A Program Audio channel is a channel with bandwidth measured in Hz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. Only one-way transmission is provided. Program Audio channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

7.8.2 Technical Specifications Packages

<u>Parameter</u>	<u>C*</u>	<u>Package AP-</u>			
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Actual Measured Loss	X	X	X	X	X
Amplitude Tracking	X				
Crosstalk	X	X	X	X	X
Distortion Tracking	X				
Gain/Frequency					
Distortion	X	X	X	X	X
Group Delay	X				
Noise	X	X	X	X	X
Phase Tracking	X				
Short-Term Gain					
Stability	X				
Short-Term Loss	X				
Total Distortion	X	X	X	X	X

The technical specifications are delineated in Technical Reference TR-NPL-000337.

7.8.3 Channel Interfaces

The following channel interfaces (CIs) define the bandwidths that are available for a Program Audio channel:

- * The desired parameters are selected by the customer from the list of available parameters.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.8 Program Audio Service (Cont'd)7.8.3 Channel Interfaces (Cont'd)

CI	Bandwidth
PG-1	Nominal frequency from 50 to 15000 Hz
PG-3	Nominal frequency from 200 to 3500 Hz
PG-5	Nominal frequency from 100 to 5000 Hz
PG-8	Nominal frequency from 50 to 8000 Hz

Compatible channel interfaces are set forth in 15.3 following.

7.8.4 Optional Features and Functions(A) Gain Conditioning

Control of 1004 Hz AML at initiation of service to 0dB $\pm$ 0.5 dB.

The following table shows the technical specifications packages with which the optional features and functions are available.

	Available with Technical Specifications Package AP-					
	<u>C</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	
Gain Conditioning	X	X	X	X	X	(D)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.8 Program Audio Service7.8.5 Rates and Charges

		USOC	Monthly Rate	Daily* Rate	Nonrecurring Charge				
					Monthly	Daily			
(A) Channel Termination									
- Per Termination									
- 200 to 3500 Hz	T6ECS		\$25.00(I)	\$4.00(I)	\$289.75	\$289.75			
- 100 to 5000 Hz	T6ECS		28.00(I)	4.00(I)	289.75	289.75			
- 50 to 8000 Hz	T6ECS		30.00(I)	4.00(I)	289.75	289.75			
- 50 to 15000 Hz	T6ECS		110.00(I)	12.00(I)	289.75	289.75			
			USOC	Monthly Rate	Daily* Rate				
(B) Channel Mileage									
(1) Channel Mileage Facility									
- Per Mile									
- 200 to 3500 Hz			1L5XX/CMF	\$2.00(I)	\$2.00(I)				
- 100 to 5000 Hz			1L5XX/CMF	\$2.00(I)	\$2.00(I)				
- 50 to 8000 Hz			1L5XX/CMF	\$2.00(I)	\$2.00(I)				
- 50 to 15000 Hz			1L5XX/CMF	\$3.00(I)	\$2.00(I)				
(2) Channel Mileage Termination									
- Per Termination									
- 200 to 3500 Hz			1L5XX/CMT	\$15.50(I)	\$2.00(I)				
- 100 to 5000 Hz			1L5XX/CMT	\$15.50	\$2.00(I)				
- 50 to 8000 Hz			1L5XX/CMT	\$20.00(I)	\$2.00(I)				
- 50 to 15000 Hz			1L5XX/CMT	\$32.00(I)	\$3.35(I)				

* Daily rates will be topped and maximum rates derived as set forth in 7.2.2.(B) preceding.

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.8 Program Audio Service7.8.5 Rates and Charges (Cont'd)(C) Optional Features and Functions

		<u>USOC</u>	<u>Monthly Rate</u>	<u>Daily*</u> <u>Rate</u>	<u>Nonrecurring Charge</u>	
					<u>Monthly</u>	<u>Daily</u>
(1)	Gain Conditioning	XGC	\$2.00(I)	\$2.00(I)	\$73.25	\$73.25

* Daily rates will be topped and maximum rates derived as set forth in 7.2.2.(B) preceding.

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.9 Video Service7.9.1 Basic Channel Description

A Video channel is a channel with one-way transmission capability for a standard 525 line/60 field monochrome, or National Television Systems Committee color, video signal and one or two associated 5 or 15 kHz audio signal(s). The associated audio signal(s) may be either diplexed or provided as one or two separate channels. The provision and the bandwidth of the associated audio signal(s) is a function of the channel interface selected by the customer. Video channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

7.9.2 Technical Specifications Packages

	<u>Package TV-</u>		
<u>Parameter</u>	<u>C*</u>	<u>1</u>	<u>2</u>
<u>Amplitude/Frequency Response</u>	<u>X</u>	<u>X</u>	<u>X</u>
Characteristics			
Audio-To-Video Time Differential	X	X	X
Chrominance/Luminance Inequalities			
Gain	X	X	X
Delay	X	X	X
Chrominance/Luminance Intermodulation	X	X	X
Chrominance Nonlinear Gain Distortion	X	X	X
Chrominance Nonlinear Phase Distortion	X	X	X
Crosstalk	X	X	X
Differential Gain	X	X	X
Differential Phase	X	X	X
Dynamic Gain (picture and sync signal)	X	X	X
Field-Time Distortion	X	X	X
Gain/Difference Between Channels	X	X	
Phase Difference Between Channels	X	X	
Insertion Gain	X	X	X
Line-Time Distortion	X	X	X

* The desired parameters are selected by the customer from the list of available parameters.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.9 Video Service (Cont'd)7.9.2 Technical Specifications Packages (Cont'd)

Parameter (Cont'd)	Package TV-		
	C*	1	2
Luminance Non-Linear Distortion	X	X	X
Maximum Steady-State Test Levels	X	X	X
Short-Time Distortion	X	X	X
Total Harmonic Distortion and Noise	X	X	X
Transient Sync Signal			
Non-Linearity	X	X	X

The technical specifications are delineated in Technical Reference TR-NPL-000338.

* The desired parameters are selected by the customer from the list of available parameters.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.9 Video Service (Cont'd)7.9.3 Channel Interfaces

The following channel interfaces (CIs) define the bandwidth and the provision of the audio signal(s) associated with a Video Channel:

<u>CI</u>	<u>Audio Bandwidth</u>	<u>Provision</u>
2TV6-1	15kHz	1 Channel, diplexed
2TV6-2	15kHz	2 Channels, diplexed
2TV7-1	15kHz	1 Channel, diplexed
2TV7-2	15kHz	2 Channels, diplexed
4TV6-5	5kHz	1 Channel, separate
4TV6-15	15kHz	1 Channel, separate
4TV7-5	5kHz	1 Channel, separate
4TV7-15	15kHz	1 Channel, separate
6TV6-5	5kHz	2 Channels, separate
6TV6-15	15kHz	2 Channels, separate
6TV7-5	5kHz	2 Channels, separate
6TV7-15	15kHz	2 Channels, separate

Compatible channel interfaces are set forth in 15.3 following.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.9 Video Service (Cont'd)7.9.4 Rates and Charges

		Monthly	Daily*	Nonrecurring	
	USOC	Rate	Rate	Charge	
				Monthly	Daily
(A) <u>Channel Termination</u>					
- Per Termination					
- TV-1 or 2	TMEV1	\$450.00(R)	\$125.00(R)	\$250.00(I)	\$250.00(I)
- 4TV-5	TMEV4	\$500.00(R)	\$125.00(R)	\$250.00(I)	\$250.00(I)
- 6TV-5	TMEV6	\$500.00(R)	\$125.00(R)	\$250.00(I)	\$250.00(I)
- TV-15	TMEV5	\$500.00(R)	\$125.00(R)	\$250.00(I)	\$250.00(I)

(B)	<u>Channel Mileage</u>	<u>USOC</u>	<u>Monthly Rate</u>	<u>Daily Rate*</u>
(1) Channel Mileage Facility				
- Per Mile				
- TV 1 or 2	1L5XX/CMF		\$60.00(I)	\$35.00(I)
- 4TV-5	1L5XX/CMF		\$60.00(I)	\$35.00(I)
- 6TV-5	1L5XX/CMF		\$60.00(I)	\$35.00(I)
- TV-15	1L5XX/CMF		\$60.00(I)	\$35.00(I)
(2) Channel Mileage Termination				
- Per Termination				
- TV-1 or 2	1L5XX/CMT		None	None
- 4TV-5	1L5XX/CMT		None	None
- 6TV-5	1L5XX/CMT		None	None
- TV-15	1L5XX/CMT		None	None

* Daily rates will be topped and maximum rates derived as set forth in 7.2.2.(B) preceding.

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 Digital Data Service7.10.1 Basic Channel Description

A Digital Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 56 or 64 kbps.* The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are only available via Telephone Company designated hubs and are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs. Digital Data service may also be ordered in conjunction with High Capacity (DS-1) to Analog/Digital (DS-0) multiplexing as set forth in 7.11.4 (5) following, and not be required to route through a Digital Data Service Hub as set forth in Technical Reference Pub L-780077-PB/NB.

The customer will provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Digital Data channel at the customer premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

* 64kbps Service is only available with High Capacity Multiplexing DS1 to Voice/Digital as set forth in 7.11.4 (B)(5) following. 64kbps service is only available where technically feasible.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 Digital Data Service (Cont'd)7.10.2 Technical Specifications Packages

Parameter	Package D-			
	1	2	3	4
Error-Free Seconds	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds (if provided through a Digital Data hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62310.

Voltages which are compatible with Digital Data Service are delineated in Technical Reference TR-NPL-000341.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 Digital Data Service (Cont'd)7.10.3 Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a Digital Data channel:

<u>CI</u>	<u>Bit Rate</u>
DU-24	2.4 kbps
DU-48	4.8 kbps
DU-96	9.6 kbps
DU-56	56.0 kbps
DU-56A	64.0 kbps

Compatible channel interfaces are set forth in 15.3 following.

7.10.4 Optional Features and Functions(A) Central Office Bridging Capability

The following table shows the technical specifications packages with which the optional features and functions are available.

	<u>Available with Technical Specifications Package D-</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
Central Office Bridging Capability	X	X	X	X

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 Digital Data Service (Cont'd)7.10.5 Rates and Charges

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Rates</u>
- Per termination			
- 2.4 kbps	T6ECS	\$ 71.10(I)	\$250.00
- 4.8 kbps	T6ECS	71.10(I)	250.00
- 9.6 kbps	T6ECS	71.10(I)	250.00
-56.0 kbps	T6ECS	71.10(I)	250.00
-64.0 kbps	T6ECS	71.10(I)	250.00

(B) Channel Mileage

	<u>USOC</u>	<u>Monthly Rates</u>
(1) Channel Mileage Facility		
- Per Mile		
- 2.4 kbps	1L5XX/CMF	\$0.72
- 4.8 kbps	1L5XX/CMF	0.72
- 9.6 kbps	1L5XX/CMF	0.72
- 56 kbps	1L5XX/CMF	0.72
- 64 kbps	1L5XX/CMF	0.72
(2) Channel Mileage Termination		
- Per Termination		
- 2.4 kbps	1L5XX/CMT	\$13.00
- 4.8 kbps	1L5XX/CMT	13.00
- 9.6 kbps	1L5XX/CMT	13.00
- 56 kbps	1L5XX/CMT	13.00
- 64 kbps	1L5XX/CMT	13.00

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.10 Digital Data Service (Cont'd)7.10.5 Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>
(C) <u>Optional Features and Functions</u>		
(1) Bridging		
- Per port	BCNDA	\$16.51

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service7.11.1 Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 1.544, 3.152, 6.312, 44.736 (DS3), or 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. DS3 will be provided with an electrical handoff at the customer premise at the request of the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

(T)

The customer will provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

DS3 High Capacity service offerings are only available where facilities and operating conditions permit. Where facilities and/or operating conditions do not permit, Special Construction as set forth in Pacific Bell Telephone Company's FCC No. 2 shall apply.

(T)

7.11.2 Technical Specifications Packages

<u>Parameters</u>	<u>Package HC-</u>					
	<u>0</u>	<u>1</u>	<u>1C</u>	<u>2</u>	<u>3</u>	<u>4</u>
<u>Error-Free Seconds</u>		<u>X</u>				

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411 and Technical Advisory TA-TSY-000342.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.3 Channel Interfaces

The following channel interfaces (CIs) define the bit rates that are available for a High Capacity channel:

<u>CI</u>	<u>Bit Rate</u>
DS-15	1.544 Mbps (DS1)
DS-27	274.176 Mbps (DS4)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-63	6.312 Mbps (DS2)

Compatible channel interfaces are set forth in 15.3 following.

7.11.4 Optional Features and Functions(A) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer designated premises. A dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.4 Optional Features and Functions(B) Central Office Multiplexing(1) DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channels using digital time division multiplexing.

(2) DS3 to DS1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

(3) DS2 to DS1

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

(4) DS1C to DS1

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing.

(5) DS1 to Voice/Digital

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade, Digital Data Over Voice or Digital Data Services.

(This page filed under Transmittal No. 1)

Issued: February 16, 2001

Effective: March 3, 2001

One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.4 Optional Features and Functions (Cont'd)(B) Central Office Multiplexing (Cont'd)(6) DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to 23 64.0 Kbps channels utilizing digital time division multiplexing.

(7) DS0 to Subrate

An arrangement that converts a 64.0 Kbps channel to subspeeds of up to twenty 2.4 Kbps, ten 4.8 Kbps, or five 9.6 Kbps channels using digital time division multiplexing.

The following table shows the technical specifications packages with which the optional features and functions are available.

Available with Technical
Specifications Package HC-

	0	1	1C	2	3	4

Central Office
Multiplexing:

DS4 to DS1						X
DS3 to DS1					X	
DS2 to DS1				X		
DS1C to DS1			X			
DS1 to Voice/Digital	X					
DS1 to DS0		X				
DS0 to Subrate*	X					
Cross-Connect		X				
Transfer Arrangement		X				

(N)

(8) Multiplexer Cross-Connect (MCC)

(N)

An arrangement which provides the cross-connect of one channel of a Special Access High Capacity DS3 multiplexer to a channel of another Special Access High Capacity DS3 Multiplexer.

Multiplexer Cross-Connection (MCC) will be charged per cross-connect per central office, where the cross-connection is performed. If MCC is provided between two Telephone Company

(N)

* Available only on a channel of 1.544 Mbps facility to a Telephone Company DDS hub.

ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.11 High Capacity Service (Cont'd)7.11.4 Optional Features and Functions (Cont'd)(B) Central Office Multiplexing (Cont'd)(8) Multiplexer Cross-Connect (MCC) (Cont'd)

offices where DS3 multiplexing is performed, appropriate Channel Mileage and Channel Mileage Termination Charges for the lower speed DS1 service will apply between the two central offices along with one MCC charge per cross-connect per central office.

When one service is cross-connected to another service, the two cross-connected services are treated separately for service performance measurement and service interruption credit purposes.

If two customers are involved, one customer will be responsible for the entire billing of MCC.

(N)

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5 Rates and Charges General Description

This section contains the specific regulations governing the rates and charges which apply to High Capacity Services.

DS3 High Capacity Service is available under a month-to-month*, one, three or five-year billing period as described in 7.11.5.1 (A) following. If the Utility initiates rate changes resulting in a decrease of rates for an existing DS3 service with a 1, 3 or 5 year billing period, those rate changes will be passed along to the customer. Rate changes resulting in an increase of rates for an existing DS3 service with a 1, 3 or 5 year billing period will not exceed the original rate for that selected billing period.

(C)

7.11.5.1 DS3 High Capacity Service Rate DescriptionMonthly Extension Rates

Monthly extension rates are charges that the customer may elect to be converted to at the end of their 1, 3 or 5-year billing period, until a new billing period is selected or service is disconnected. Monthly extension rates are only available once the billing period has expired.

(N)

(N)

(A) DS3 High Capacity Service Billing Period

The billing period establishes the amount of time that rates for a service are stabilized by the Utility.

The following billing periods are available for DS3 High Capacity Services and associated optional features and functions:

- Month-to-Month*
- Monthly Extension Rate
- 1 Year (Channel Termination Only)
- 3 Year (Channel Termination Only)
- 5 Year (Channel Termination Only)

(C)

(N)

*This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.

(N)

(N)

Certain material previously appearing on this page now appears on Original Page 7-79.1.

(This page filed under Transmittal No. 55)

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Effective: November 21, 2003

One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.1 DS3 High Capacity Service Rate Description (Cont'd)(A) DS3 High Capacity Service Billing Period (Cont'd)

One month prior to the expiration of the billing period, the customer must select one of the following options:

(1) Renew the service for a specified period of time as provided in this tariff under the regulations.

(2) Elect to be converted to monthly extension rates.

(3) Elect to disconnect the service upon expiration of the billing period.

Extend the service for an additional 12 month period at the current rates for the existing 1, 3 or 5 year billing period.*

If the customer does not choose one of the preceding options prior to the expiration date of the commitment period, monthly extension rates will be applied upon expiration of the commitment period.

If a customer selects neither (1) nor (3) preceding, the current regulations for the Month-to-Month rate option will be applied to the Channel Termination upon expiration of the billing period.*

Option (1) as described preceding is available to customers if the term plans remain in effect and are not grandfathered. If the term plans are grandfathered and the service expires, absent customer notification, the customers expired service will be converted to monthly extension rates upon expiration.

The customer must provide the Telephone Company with a written notice of intent to extend the DS3 billing period no later than one month prior to the expiration of the service period.

*This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits. Certain material and revised material appearing on this page previously appeared on 2nd Revised Page 7-79.

(This page filed under Transmittal No. 55)

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5 Rates and Charges General Description (Cont'd)7.11.5.1 DS3 High Capacity Service Rate Description (Cont'd)(A) DS3 High Capacity Service Billing Period (Cont'd)

No nonrecurring charges will apply as long as the same number of DS3s are renewed. Any change in the number of DS3s will incur appropriate nonrecurring charges.

The customer may elect to extend an existing DS3 under a 1, 3 or 5 year billing period for a single, additional 12 month period at the current rates for the existing billing period provided the same number of DS3 circuits are being extended.*

(C)

If the current DS3 rates are lower than the original DS3 rates, the lower rate will be charged.

(D)

(D)

(D)

The customer must provide the Utility with a written notice of intent to extend the DS3 billing period no later than one month prior to the expiration of the service period.

An existing DS3 under a 1 or 3 year billing period may be converted to a DS3 under a longer term 3 or 5 year billing period without termination liabilities, provided that:

(1) the expiration date for the new term agreement is beyond the end of the original term agreements,

(C)

(C)

(C)

(2) the converted DS3 must be based upon the rates that are currently in effect and otherwise available to all customers,

(T)

(3) the customer maintains the same or greater number of DS3 circuits under the new billing period, and

(T)

(4) No lapse in service occurs.

(N)

*This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.

(N)

(N)

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5 Rates and Charges General Description (Cont'd)7.11.5.1 DS3 High Capacity Service Rate Description (Cont'd)(B) DS3 High Capacity Service Termination Charges

In the event service is terminated prior to the expiration of the billing period, termination charges will apply. Termination charges do not apply to Month-to-Month service. In the event service is terminated prior to the end of the billing period, a termination charge utilizing the following termination percentage will apply:

<u>Billing Period</u>	<u>Termination Percentage</u>
1, 3 or 5 year	45%

The termination charge is calculated as follows:

Monthly Rate	x	Months Remaining in Billing Period	x	Termination Percentage

Example: A customer with a \$5,000 monthly rate terminates service with 10 months remaining in a 3 year billing period. The termination charge would be calculated as follows:

$$\$5,000 \times 10 \times .45 = \$22,500$$

The termination charge would be: \$22,500

- (2) Customers requesting the termination of a DS3 under a 1, 3 or 5 year billing period prior to the expiration date of an extension of service will be charged a termination charge calculated as follows:

Number of Months Utilized of the Extension of Service	x	Current Month To Month Rate - Billing Period Monthly Rate

- (3) When a DS3 High Capacity Service, which is billed under the Shared Use provision is terminated, the termination liability will be based on the full charges as listed in 7.11.5.2 following.
- (4) A termination charge will not apply if the customer modifies service as set forth in 7.2.3 (Moves), preceding, as long as the customer maintains the same or greater number of DS3 circuits.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP)(A) General Description

The DS1 Term Payment Plan (DS1 TPP) is a term plan that allows a customer to purchase DS1 High Capacity Service over a 1, 2, 3, 5, or 7 year period. During the term of the selected DS1 TPP, Telephone Company initiated recurring rate changes (increases or decreases) will automatically be applied to the monthly payments for the remaining months of the current DS1 TPP term. The monthly recurring rate during the DS1 TPP term will never exceed the initial DS1 TPP rate. The DS1 TPP rates can be found in Section 7.11.5.3 following.

The DS1 TPP cannot be combined with other tariffed services, discounts, or pricing flexibility contracts, unless explicitly stated in the respective tariff terms and conditions.

The following recurring rate elements are included in the DS1 TPP as described in 7.2 (Rate Regulations):

- DS1 High Capacity Service Channel Termination;
- DS1 High Capacity Service Channel Mileage - Channel Mileage Facility (per mile) and Channel Mileage Termination (per termination);
- DS1 High Capacity Service Central Office Multiplexing;
- DS1 High Capacity Service Collocation Transport (Fixed and Per Mile).

(N)

(This page filed under Transmittal No. 41)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(B) Conversion of service to a new DS1 TPP or Higher Speed Service

During a customer's DS1 TPP term, conversion may be made to a new DS1 TPP term of the same or different length or an upgrade may be made to a higher speed service, if the expiration date for the new DS1 TPP term or for the new higher speed service is beyond the expiration of the original DS1 TPP term. The new DS1 TPP term or higher speed service must occur between the same two termination points as the original DS1 service being converted. The new DS1 TPP term or the higher speed service term becomes effective upon completion of the conversion activity. The rates, terms, and conditions applicable for the new DS1 TPP term or higher speed service will be those in effect at the time the conversion is requested. Credit for months under the previous DS1 TPP may not be transferred to the new DS1 TPP or to the higher speed service term. When all conditions described above are met, termination liability for the remaining months on the original DS1 TPP will not apply.

(C) Moves

During a DS1 TPP term a customer may move one end of a DS1 High Capacity Service to another location in the same LATA and keep the DS1 TPP in force provided the following requirements are met:

- (1) the customer must have met the minimum in-service period at the previous location and will be subject to a new minimum in-service period at the new location; and
- (2) the Move is accommodated on a single customer order with the stipulation that the BAN (Billing Account Number), the NC (Network Channel Code), ACTL (Access Customer Terminal Location) and the ECCKT (Circuit Id) are provided and are the same as for the existing circuit being moved.

(N)

(This page filed under Transmittal No. 41)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(C) Moves (Cont'd)

Moves to a different wire center may result in a change in the application of the rate elements associated with the service and therefore could result in a change in the monthly recurring charges.

EXAMPLE #1: One end of a DS1 is changed from Location A to Location B within the same LATA. The new Channel Mileage associated with the one-ended Move increased by 2 miles. Therefore, the resulting Channel Mileage calculation increases the monthly recurring charge accordingly.

EXAMPLE #2: One end of a DS1 is changed from Location C to Location D within the same LATA. The new Channel Mileage associated with the one-ended Move decreased by 5 miles. Therefore, the resulting Channel Mileage calculation decreases the monthly recurring charge accordingly.

If no lapse in service occurs and if the requirements in (1) and (2) as stated previously are met, termination liability will not apply. Nonrecurring Channel Termination Charges or Nonrecurring Collocation Transport Charges for the physical move will apply.

(D) Expiration of DS1 TPP Term options

DS1 TPP is not available for renewal. At the expiration of the DS1 TPP term, the customer may select a new DS1 TPP term at the prevailing DS1 TPP rates. If a customer does not wish to purchase a new DS1 TPP at the expiration of the term, the customer's service will automatically convert to the current month-to-month rates.

(N)

(This page filed under Transmittal No. 41)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(E) DS1 High Capacity Service Portability Commitment

DS1 High Capacity Service Portability Commitment provides a customer the ability to establish a regional volume commitment in the form of DS1 Channel Terminations and receive a waiver on DS1 TPP Termination Liability, as described in 7.11.5.2(G), during the life of the Portability Commitment. The Portability Commitment will consist of a Commitment Level (CL), as described below, and will have a term of three years. The Portability Commitment does not otherwise affect the rates, terms, or conditions of the Customer's DS1 TPP. The Portability Commitment may be renewed. To renew, the Customer must notify the Telephone Company, in writing, with such notice directed to both the Customer's account manager and the access service center, and specifically identify the Customer's Commitment Level (as defined herein), prior to the expiration of the Customer's existing Portability Commitment term.

(T)
(N)
(N)
(N)
(C)
(N)
|
(N)

Customers may purchase DS1 service under DS1 TPP terms of 2, 3, 5, or 7 years and have the associated Channel Terminations count towards the CL.

Following are the terms and conditions associated with the Portability Commitment:

- (1) Customer commits to a 3-Year Commitment Level (CL) that is reviewed on a monthly basis. The initial monthly CL is calculated by Telephone Company and is the total of all DS1 Channel Terminations in-service for the month previous to the month in which the Customer notifies the Telephone Company, in writing, of the Customer's CL. The initial monthly CL will consist of all Channel Terminations including those on Month-to-Month terms and other term pricing plans. The effective date of the Portability Commitment will be the first day of the month immediately following the month in which the Portability Commitment is signed;
- (2) Customer must have a minimum of 40 Channel Terminations in-service each month and at least 80% of the CL under a 2, 3, 5, or 7 year DS1 TPP each month;
- (3) At the commencement of the Customer's Portability Commitment and upon any renewal of a Portability Commitment, at least 80 percent of the Customer's CL must be purchased under a 2,3,5, or 7 year DS1 TPP; and

(C)
(C)
(C)

(T)
(N)
|
(N)

(This page filed under Transmittal No. 138)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(E) DS1 High Capacity Service Portability Commitment (Cont'd)

- (4) Each month, the total number of 2, 3, 5, and 7 year DS1 TPP Channel Terminations for the previous month will be calculated and measured against the corresponding monthly CL; (T)
- (a) If the total number of Channel Terminations, as calculated above, is 80% - 124% of the CL, no other charges will apply for the previous month.
- (b) If the total number of Channel Terminations, as calculated above, is less than 80% of the CL, charges will be assessed as follows:
- (i) Customer will be billed the difference between 80% of the CL and the actual number of in-service Channel Terminations. EXAMPLE #1: Customer A has a CL = 1,000 Channel Terminations for the month of June. Customer A must have at least 800 DS1 Channel Terminations in-service to meet the 80% target. In July, the monthly review calculated 795 DS1 Channel Terminations in-service for the month of June. The difference between 80% of the CL (800) and the actual in-service total (795) is 5 Channel Terminations. Therefore, the customer will be billed an amount equal to 5 Channel Terminations multiplied by the current Nonrecurring Channel Termination rate. For subsequent months, Customer A will continue to be billed an amount equal to the difference between 80% of the CL and the actual in-service number of Channel Terminations that are below 80% of the CL (multiplied) by the current nonrecurring Channel Termination rate, until 80% of the CL is met.
- (c) If the total number of in-service Channel Terminations, as calculated above, is more than 124% of the CL, the customer will be billed an adjustment factor equal to the Nonrecurring Channel Termination charge multiplied by the difference between the actual number of Channel Terminations in-service and 124% of the CL.

(This page filed under Transmittal No. 138)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(E) DS1 High Capacity Service Portability Commitment (Cont'd)

(4) (Cont'd)

(T)

- (ii) EXAMPLE #2: Customer B has a CL of 500 Channel Terminations. In month 5 of the commitment, Customer B has 650 Channel Terminations in-service. Customer B has exceeded the CL by more than the 124% threshold (620). Customer B will be charged an adjustment factor equal to 30 Channel Terminations (650-620)(multiplied) by the current Nonrecurring Channel Termination rate. For subsequent months, Customer B will continue to be charged the Nonrecurring Channel Termination rate multiplied by the difference between the actual number of Channel Terminations in-service and 124% of the CL until Customer B no longer exceeds the CL by the 124% threshold.
- (d) Customers may increase the Commitment Level (CL) at any time by providing written notification to Telephone Company. Credits for previously charged adjustments billed for exceeding the CL will not be provided when a customer increases the CL.
- (e) If the customer elects to terminate the DS1 High Capacity Service Portability Commitment or elects to decrease the CL prior to the 3-Year commitment, Termination Liabilities will apply. Termination Liability is calculated as the decreased number of Channel Terminations (multiplied) by the prevailing Month-to-Month recurring rate (multiplied) by the number of months remaining in the term of the Portability Commitment.
- (i) EXAMPLE #3: Customer C has a CL equal to 1,000 Channel Terminations. In month 10 of the 36-month Portability Commitment, Customer C elects to decrease the CL by 50 Channel Terminations. The Termination Liability associated with the decrease is equal to:

(50 Channel Terminations) X (26 months
remaining) X (prevailing Month-to-Month Rate)

(This page filed under Transmittal No. 138)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(E) DS1 High Capacity Service Portability Commitment (Cont'd)

(4) (Cont'd)

(T)

(ii) EXAMPLE #4: Customer D has a CL equal to 500 Channel Terminations. In month 20 of the 36-month Portability Commitment, Customer D elects to terminate the entire Portability Commitment. The Termination Liability associated with the termination of the entire commitment is equal to:

(500 Channel Terminations) X (16 months remaining) X
(prevailing Month-to-Month Rate)

(F) Applicable One-Time Charges

(1) DS1 Term Payment Plan Non-Recurring Charges

Non-recurring channel termination charge will apply per channel termination on new installations of DS1 High Capacity Service on 1 year DS1 TPP term, and on all physical moves of DS1 High Capacity Services. Non-recurring channel termination charges will be waived on new installations with 2, 3, 5, and 7 year DS1 TPP terms. The Nonrecurring Channel Termination Charge will also apply, applicable as stated in 7.11.5.2(E) previously, for customers who have a DS1 High Capacity Service Portability Commitment.

(This page filed under Transmittal No. 138)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.11 High Capacity Service (Cont'd)7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)(G) Termination Liability

Termination liability charges will apply in the following cases:

- (1) In the event service is terminated prior to the expiration of the minimum service period, charges, as specified in Section 5.2.5 (Minimum Period), will apply in addition to the termination liability charges identified in 7.11.5.2(G) (2) following.
- (2) In the event service is terminated prior to the end of the DS1 TPP term, a termination charge utilizing the following termination percentage will apply:

Termination Billing Period Percentage: 40%

The termination charge is calculated as follows:

(Monthly Recurring Rate) X (Months remaining in DS1 TPP term) X (Termination Billing Period Percentage)

Example: A customer with a \$500 monthly rate terminates service with 10 months remaining in a 3 year DS1 TPP term. The termination liability charge would be calculated as follows:

$$(\$500) \times (10) \times (.40) = \$2000$$

(N)

(This page filed under Transmittal No. 41)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service (Cont'd)7.11.5 Rates and Charges General Description (Cont'd)7.11.5.3 Rates and Charges¹

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	
(A) <u>Channel Termination</u> (Per Point of Termination)				
- 1.544 Mbps	TMECS	\$124.55(I)	\$412.50	
- 3.152 Mbps	TWT++	ICB	ICB	
- 6.312 Mbps	TWT++	ICB	ICB	
-44.736 Mbps(Month-to-Month*)	Z3MAC/Z3MAP	\$2,125.00	\$1,500.00	(T)
-44.736 Mbps(Monthly Extension)	Z3MAC/Z3MAP	\$2,125.00	\$1,500.00	(T)
-44.736 Mbps(1 Year Plan)	Z3MAC/Z3MAP/Z31A+	\$1,450.00	\$1,000.00	(N)
-44.736 Mbps(3 Year Plan)	Z3MAC/Z3MAP/Z33A+	\$900.00	\$0.00	(N)
-44.736 Mbps(5 Year Plan)	Z3MAC/Z3MAP/Z35A+	\$800.00	\$0.00	(N)
-274.176 Mbps	TWT++	ICB	ICB	
(B) <u>Channel Mileage</u> ²				
(1) <u>Channel Mileage Facility</u> (Per Mile)				
- 1.544 Mbps	IL5XX/CMF	\$9.00		
- 3.152 Mbps	CMF	ICB		
- 6.312 Mbps	CMF	ICB		
-44.736 Mbps(Month-to-Month*)	IL5XX/CMF	\$39.00		
-44.736 Mbps(Monthly Extension)	IL5XX/CMF	\$39.00		
-44.736 Mbps(1 Year Plan)	IL5XX/CMF	\$38.00		
-44.736 Mbps(3 Year Plan)	IL5XX/CMF	\$36.50		
-44.736 Mbps(5 Year Plan)	IL5XX/CMF	\$34.00		
-274.176 Mbps	CMF	ICB		
(2) <u>Channel Mileage Termination</u> (Per Termination)				
- 1.544 Mbps	IL5XX/CMT	\$52.50		
- 3.152 Mbps	CMT	ICB		
- 6.312 Mbps	CMT	ICB		
-44.736 Mbps(Month-to-Month*)	IL5XX/CMT	\$347.50		
-44.736 Mbps(Monthly Extension)	IL5XX/CMT	\$347.50		
-44.736 Mbps(1 Year Plan)	IL5XX/CMT	\$342.50		
-44.736 Mbps(3 Year Plan)	IL5XX/CMT	\$337.50		
-44.736 Mbps(5 Year Plan)	IL5XX/CMT	\$332.50		
-274.176 Mbps	CMT	ICB		

Note 1: ICB rates and charges are filed in 7.12 following.

Note 2: When the customer orders High Capacity Service as described in 7.11 and 7.11.5.2, preceding, the Channel Mileage Facility must be ordered in conjunction with an associated Channel Termination as described in 7.2.1(A), preceding.

*This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.

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Effective: February 3, 2006

ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service7.11.5 Rates and Charges General Description (Cont'd)7.11.5.3 Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>
(C) <u>Optional Features and Functions</u>		
(1) Multiplexing, per arrangement		
DS4 to DS1	MXA++	ICB
DS3 to DS1 ⁽¹⁾		
Month-to-Month*	MQ3	\$425.00
Monthly Extension	MQ3	\$425.00
1 Year	MQ3	\$420.00
3 Year	MQ3	\$410.00
5 Year	MQ3	\$400.00
DS2 to DS1	MXD++	ICB
DS1C to DS1	MXH++	ICB
DS1 to Voice/Digital*	MQ1/MQ1++	\$170.00
DS1 to DS0	QMU/QMUA1/QMU++**	\$170.00
DS0 to Subrates		
-Up to 20 2.4 kbps services	QSU24	\$175.00
-Up to 10 4.8 kbps services	QSU48	\$175.84
-Up to 5 9.6 kbps services	QSU96	\$125.00(I)

* A channel of this DS1 to a multiplexing Hub can be used for Digital Data Service or Digital Data Over Voice.

** QMU and QMUA1 are used in CABS. QMU++ is used in CRIS billing system.

ICB rates and charges are filed in 7.12 following.

⁽¹⁾ This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service7.11.5 Rates and Charges General Description (Cont'd)7.11.5.3 Rates and Charges (Cont'd)

	<u>Monthly USOC</u>	<u>Rate</u>	<u>Nonrecurring Rate</u>
(C) <u>Optional Features and Functions</u> (Cont'd)			

(2) Multiplexer Cross-Connect - per cross-connect, per central office	1L5TC	\$10.00	\$80.00

(3) Transfer Arrangement (dial-up*) - per four port arrangement including control channel termination**	USV	ICB	

(D) <u>DS1/DS3 Rollover</u>	<u>USOC</u>	<u>Nonrecurring Charge</u>
-per DS1 Channel Termination	NRBR1/NRBRH/SVR***	\$300.00
-per DS3 Channel Termination	NRBR3/SVR	825.00

(E) Collocation Transport

	<u>USOC</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charges</u>	
		<u>Fixed</u>	<u>Per Mile</u>	<u>1st Ckt.</u>	<u>Addl Ckt.</u>
1.544 Mbps	(1H48S)	\$52.50(I)	\$9.00	\$300.00	\$300.00
44.736 Mbps	(1H48S)				
		<u>Fixed</u>	<u>Per Mile</u>	<u>1st Ckt.</u>	<u>Addl Ckt.</u>
Month-to-Month ⁽¹⁾		\$347.35	\$39.00	\$1,500.00	\$1,500.00
Monthly Extension		\$347.35	\$39.00		
1 Year Plan		\$342.50	\$38.00	\$1,000.00	\$1,000.00
3 Year Plan		\$337.50	\$36.50	\$0.00	\$0.00
5 Year Plan		\$332.50	\$34.00(R)	\$0.00	\$0.00

* The Dial-Up option requires the customer to purchase the Controller Arrangement from 13.3.7 following.

* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center

*** NRBR1 and NRBRH are used in CABS. SVR is used in CRIS billing system.

⁽¹⁾This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.11 High Capacity Service7.11.5 Rates and Charges General Description (Cont'd)7.11.5.3 Rates and Charges (Cont'd)(F) DS1 Term Payment Plan(1) Channel Termination
- Per Point of Termination

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
TMECS	\$122.50	\$120.00	\$115.00	\$ 105.00	\$100.00

(2) Channel Mileage
- Channel Mileage Termination (per termination)

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
1L5XX	\$ 51.00(I)	\$ 45.00	\$ 40.00	\$ 35.00	\$ 32.50

- Channel Mileage Facility (per mile)

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
1L5XX	\$ 9.00	\$ 9.00	\$ 8.75	\$ 8.50	\$ 8.25

(3) Central Office Multiplexing DS1 to DS0 voice/digital
-Per arrangement

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
MQ1, MQ1++, QMU, QMUA1, QMU++	\$180.00(I)	\$170.00	\$170.00	\$ 160.00	\$150.00

(4) Collocation Transport
-Channel Mileage
- Fixed

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
1H48S	\$ 51.00(I)	\$ 45.00	\$ 40.00	\$ 35.00	\$ 32.50

- Per Mile

USOC	1 Year	2 Year	3 Year	5 Year	7 Year
1H48S	\$ 9.25(I)	\$ 9.00	\$ 8.75	\$ 8.50	\$ 8.25

(5) Nonrecurring Charges-One Time Charges
- Per point of channel termination

USOC	DESCRIPTION	RATE
TMECS	Channel Termination Nonrecurring Charge	\$ 900.00
1H48S	Collocation Transport Nonrecurring Charge	

NOTE: Channel Termination Nonrecurring Charges and Collocation Transport Nonrecurring Charges are waived on new installations of DS1 High Capacity Service with a 2, 3, 5, or 7 year DS1 TPP.

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)

(M)

(M)

7.12 Fractional DS1 Service

(N)

(A) Basic Channel Description

A Fractional DS1 channel provides for the digital transmission of nominal 128, 256, 384, 512, 768 kbps, serial data. The actual bit rate is a function of the channel interface selected by the customer. Fractional DS1 channels are provided for two-point service between customer designated premises or between a customer designated premises and a Telephone Company Digital Hub. Rates for Fractional DS1 Service can be found in Section 7.12.1.

When a single Fractional DS1 channel is ordered to be terminated at a customer's designated POP, which requires a minimum digital interface level at 1.544 Mbps, the Telephone Company will provide the required interface where facilities are available.

Fractional DS1 service is offered only where equipment and facilities are available. Fractional DS1 service is provisioned from specific wire centers which are listed in the National Exchange Carrier Association, Inc. Tariff FCC No. 4. Availability is not restricted to customers serviced by the wire centers listed in FCC No. 4, but the service must be routed through the designated offices in FCC No. 4. Mileage, as defined in 7.2.5 (Mileage Measurement) will apply.

It is the customer's responsibility to arrange for the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Fractional DS1 channel at the customer premises.

Rates and charges for Fractional DS1 Service can be found in Section 7.12.1 following.

Certain material previously appearing on this page now appears on Original 7-94.

(N)

(This page filed under Transmittal No. 63)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.12 Fractional DS1 Service (Cont'd)(B) Technical Specifications Packages

Technical Specifications Package HC1 will apply for all speeds of Fractional DS1 Service.

A Fractional DS1 channel with Technical Specifications Package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a Channel Service Unit equivalent which is designed, manufactured, and maintained to conform with the specifications contained in the Technical Reference for High Capacity Service.

(C) Channel Interfaces (CI)

The following channel interfaces define the bit rates that are available for a Fractional DS1 channel:

<u>CI</u>	<u>Bit Rate</u>
DS-1S	128, 256, 384, 512, 768 kbps

(D) Termination Liability for Fractional DS1 Services Purchased Under a Three or Five Year Term

Termination liability charges will apply in the following cases:

- (1) In the event service is terminated prior to the expiration of the minimum service period, charges, specified in Section 5.2.5 (Minimum Period), will apply in addition to the termination liability charges identified in 7.12(D)(2) following.
- (2) In the event service is terminated prior to the end of the Fractional DS1 term, a termination charge utilizing the following termination percentage will apply:

Termination Billing Period Percentage: 40%

The termination charge is calculated as follows:

(Monthly Recurring Rate) X (Months remaining in term) X
(Termination Billing Period Percentage)

Example: A customer with a \$500 monthly rate terminates service with 10 months remaining in a 3 year Fractional DS1 term. The termination liability charge would be calculated as follows:

$(\$500) \times (10) \times (.40) = \$2000$

(N)

(This page filed under Transmittal No. 63)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.12 Fractional DS1 Service (Cont'd)7.12.1 Rates and Charges - 128, 256, 384, 512, and 768 Kbps(A) Channel Termination
- Per Point of Termination TMECS

	Recurring Charges	Nonrecurring Charges	
		1st CKT	Addl CKT
MTM	\$125.00	\$900.00	\$900.00
3 Year	\$115.00	\$900.00	\$900.00
5 Year	\$105.00	\$900.00	\$900.00

(B) Channel Mileage
- Fixed

<u>USOC</u>	MTM	3 Year	5 Year
1L5XX	\$50.00	\$35.00	\$30.00

Channel Mileage
- Per Mile

<u>USOC</u>	MTM	3 Year	5 Year
1L5XX	\$9.00	\$8.25	\$8.00

(N)

(This page filed under Transmittal No. 63)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN®) (Cont'd) (T)7.13.1 Basic Channel Description

GigaMAN® is a fiber based, point-to-point, gigabit Ethernet service that allows customers to transport data signals between local area networks (LANs). GigaMAN® transports data signals at the rate of 1 gigabit per second (Gbps). All basic service configurations provide a single direction of transmission. (T)

(D)
(D)
(D)
(D)

The following regulations will apply to GigaMAN®: (T)

(A) This service is available to customers in those LATAs served by and within the service territories of Nevada Bell Telephone Company (NBTC) only.

(B) If existing facilities do not exist Special Construction will apply.

(D)
(D)
(D)
(D)

(C) The Telephone Company considers a service interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer. An interruption period starts when a customer reports an inoperative service to the Telephone Company and the Telephone Company confirms that continuity has been lost, and ends when the service is operative. (T)

(T)
(T)
(T)

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN®) (T)
(Cont'd)7.13.1 Basic Channel Description (Cont'd)

(D) Service Provisioning (T)

(1) The customer provided equipment(CPE) must deliver the data signals for GigaMAN® transport for the subscribed data service. (T)

(2) GigaMAN® provides physical layer transport only. The Telephone Company assumes no responsibility for the through transmission of signals generated by the CPE, for the signals by the CPE, or address signaling to the extent the CPE performs addressing. Error detection and correction of data generated by the CPE is the customer's responsibility. (T)
(T)

7.13.2 Channel Configuration

There are six (6) basic rate elements, which apply to GigaMAN® service: (C)
(T)

(A) Local Distribution Channel (LDC)

Local Distribution Channel (same as Channel Termination) is the termination of GigaMAN® at a customer designated premise (node), as described in 7.1.2 (A), consisting of the following two elements: (T)
(C)

(1) the termination for the fiber optic facilities at each node and its serving wire center.

(2) the fiber optic facility between each node and its serving wire center.

(B) Interoffice Mileage

Interoffice Transport facilities, which provide the transmission path between Serving Wire Centers associated with two customer designated premises, are comprised of Fixed and Per Mile rate elements.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN®) (Cont'd)7.13.2 Channel Configuration (Cont'd)

(C) Repeater

Repeaters (Circuit Regenerators) provide essential detection and retransmission of GigaMAN® signals. Repeaters are provided as required by the Telephone Company when actual fiber facility loss between customer designated premises and/or central office locations exceed design limits. Repeaters will be located exclusively in Telephone Company central offices and are required for each successive transport segment of approximately 21.4 db.

When protection options are ordered, as set forth in Section 7.2.13(C)(4) preceding, additional repeaters may be necessary on the protected path as determined by the Telephone Company. The Repeater rate element will be applied to a protected circuit per fiber pair.

(N)
|
(N)

(D) Local Channel Diversity

Local Channel Diversity provides for a transmission path between a designated customer premises and the standard service wire center (SWC) that is diverse from the normal/standard transmission path. With this arrangement, one or more local distribution channels will be provisioned over the standard route and one or more local distribution channels will be provisioned over the diverse route. Local channel diversity does not provide for all diversity, it only allows for diversity from the splice point closest to the customer's property line to the SWC.

Material previously appearing on this page now appears on 3rd Revised Page 7-87.2.

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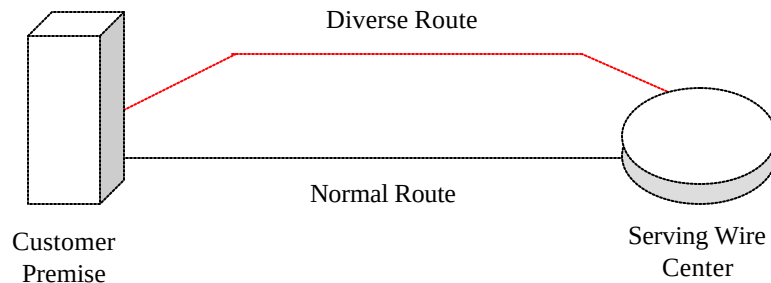
One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN®) (Cont'd)7.13.2 Channel Configuration (Cont'd)

(D) Local Channel Diversity (Cont'd)

If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premises, at the customer's expense.



(E) Inter-Wire Center (IWC) Diversity

Inter-Wire Center (IWC) Diversity arrangements presume that each end of a GigaMAN® local distribution channel is serviced out of a different serving wire center (SWC). This arrangement provides a transmission path for GigaMAN® local distribution channels between the customer's designated SWC and the SWC at the distant end of the circuit over a transmission path that is separate from the standard transmission path between the two wire centers. IWC diversity does not provide for full diversity. It only offers interoffice diversity. If a customer desires full diversity, Alternate Wire Center Diversity must be implemented along with IWC Diversity. Additionally, arrangements must be made for constructing dual entrance facilities at the customer's premises, at the customer's expense.

Material appearing on this page previously appeared on 2nd Revised Page 7-87.1.

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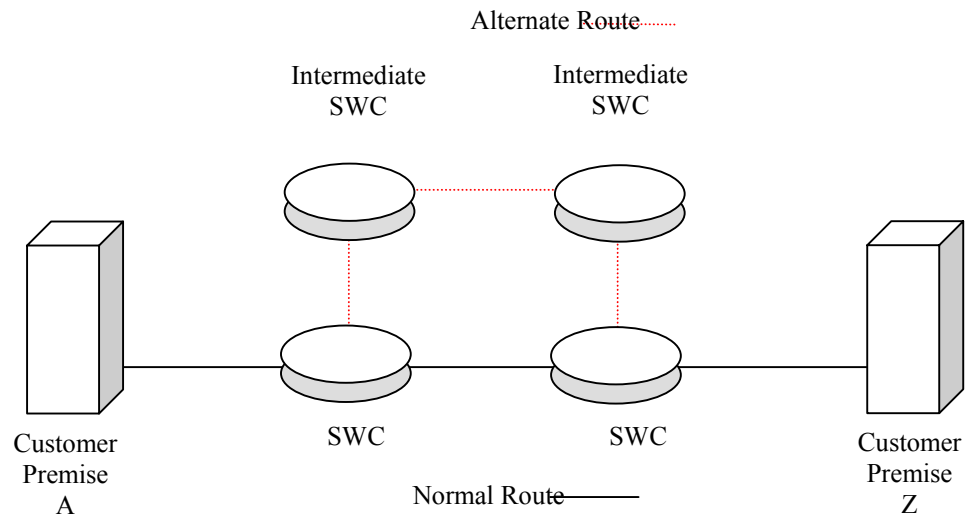
ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN®)
(Cont'd)7.13.2 Channel Configuration (Cont'd)

(E) Inter-Wire Center (IWC) Diversity (Cont'd)

(1) Inter-Wire Center (IWC) Diversity Mileage
Measurement

Mileage measurements for Access Services provisioned via an Inter-Wire Center Diversity, will be based on the special routing; i.e. mileage measurements will be calculated between the Intermediate Serving Wire Centers along the circuit path of the diversely routed GigaMAN® service



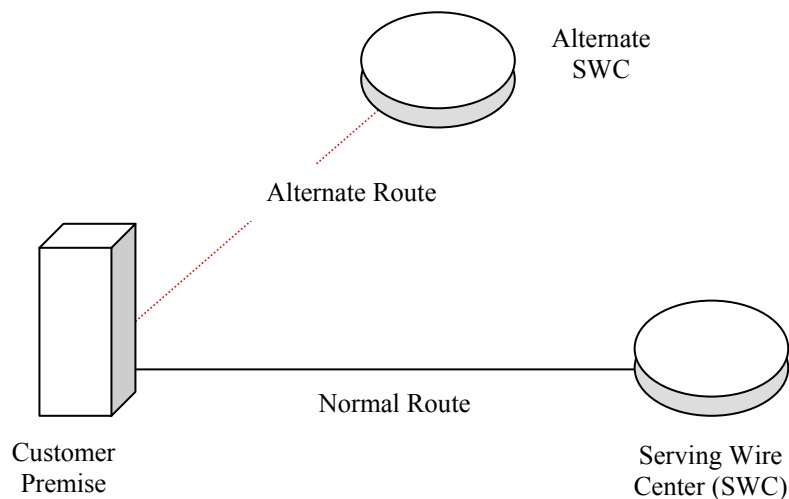
ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN®)
(Cont'd)7.13.2 Channel Configuration (Cont'd)

(F) Alternate Wire Center Diversity

Alternate Wire Center Diversity is for the local loop only. It provides a local channel transmission path for GigaMAN® service between the customer's designated premises and a wire center that is not the normal (or standard) service wire center. The Telephone Company will choose the alternate wire center closest to the customer's designated premises that is capable of providing GigaMAN® service over the alternate route. If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premises, at the customer's expense.

If the circuit routed to the alternative wire center has Interoffice Mileage, measurements will be based on the special routing; i.e., mileage measurements will be made to the alternate wire center rather than the serving wire center from which the customer designed premises would normally obtain dial tone.



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ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN)(Cont'd)7.13.3 Non-recurring Charges

Non-recurring charges are one-time charges that apply for specific work activity related to the provisioning of GigaMAN Service, as described in Section 7.2.2(C).

7.13.4 Recurring Charges

Recurring Charges are rates that apply each month or fraction thereof that the service is provided. Recurring rates apply to 12-, 36-, or 60- month periods under the terms and conditions of Term Pricing Plan (TPP), discussed in Section 7.13.6, following.

7.13.5 Monthly Extension Rates

Upon completion of a TPP, customer's service will automatically convert to the Monthly Extension Rates unless the customer requests a new TPP.

7.13.6 Term Pricing Plan (TPP)

GigaMAN is available for 12-, 36-, or 60- month periods. Monthly recurring charges apply for Local Distribution Channels (TMECS), Interoffice Transport Fixed Mileage (1L5XX), and Mileage (1L5XX) where appropriate.

(A) Renewals

At the end of a TPP period, the customer must select one of the following options within one month prior to the expiration date:

- (1) Renew the service for a one, three, or five year TPP as provided in this tariff;
- (2) Elect to disconnect the service upon expiration of the billing period;
or
- (3) Continue the service on a monthly basis at the current Monthly Extension Rates.

All services under an existing TPP that are not renewed within the period stated above will revert to Option (A)(3) above and be billed at the current Monthly Extension Rates.

(N)

(N)

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN) (Cont'd)7.13.6 Term Pricing Plan (TPP) (Cont'd)

(B) Conversions

(N)

During the customer's TPP term conversions may be made to a new TPP term of the same or greater length. The expiration date of the new service must be beyond the expiration date of the original TPP term. With the new TPP, the customer incurs no liability for the remaining months on the original TPP.

An Administrative Charge is applicable when customers renew or change the length of the TPP term.

(C) Termination Liability

Customers requesting termination of service prior to expiration date of the TPP term will be liable for a termination charge, which is calculated as follows:

Billing Period	Termination Percentage
1 Year	85%
3 Year	75%
5 Year	60%

$(\text{Monthly Recurring Rate}) \times (\text{Months Remaining in Billing}) \times (\text{Termination Percentage}) = \text{Term. Liability Charge}$

Example: A GigaMAN Customer with a \$6,000.00 monthly rate terminates service after 2 years with 1 year (12 months) remaining in a 3 year TPP. The termination liability would be calculated as follows:

$\$6,000 \times 12 \times .75 = \$54,000.00$ Termination Charge

(N)

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN) (Cont'd)7.13.7 Moves

Moves involve a change in the physical location of one of the following

- Service rearrangement;
- Point of Termination at the customer's premises; or
- Customer's premises.

Move charges dependent upon the type of move requested by the customer.

(A) Service Rearrangement

Service Rearrangements are changes to existing (installed) services, which do not result in either a change in the minimum period requirements, as set forth in Section 7.2.2(C)(3).

(B) Moves Within the Same Building

When the move is to a new location within the same building, the Administration charge and Customer Connection charge for the service termination affected will apply. There will be no change in the minimum period requirements, as described in Section 7.2.3(A).

(C) Moves to a Different Building

Moves to a different building will be treated as a discontinuance therefore start of service, all associated nonrecurring charges, and new minimum period requirements, as described in Section 7.2.3(B) will apply.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN)(Cont'd)

(N)

7.13.7 Moves (Cont'd)

(4) GigaMAN® customers subscribing to three (3) and five (5) year Term Pricing Plans may move one end of the GigaMAN® service per the following regulations:

(a) A customer may move one end of the GigaMAN® service to a different premises in the same LATA, without incurring early termination liability charges for their existing GigaMAN® service, providing the following criteria are met, contingent upon the availability of fiber from premises to premises.

- Customers must have completed at least 15 months (for 3 year term plan), and 18 months (for 5 year term plan) of their existing GigaMAN® contracted term plan,
- The customer subscribes to a new term pricing plan period that is greater than the remaining months in the existing term pricing plan,
- Nonrecurring charges will apply where applicable,
- Spare facilities and equipment must be available or special construction charges, as set forth in Pacific Bell Telephone Company's TARIFF F.C.C. NO. 2.

The moved service will require a disconnect of the existing GigaMAN® service and placement of an order for the new GigaMAN® service for same customer of record as disconnected service.

The monthly rates for the new services(s) shall be those rates in effect at the time the new service(s) is being installed requiring a disconnect of the existing GigaMAN® service and placement of an order for new GigaMAN® service.

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN)(Cont'd)7.13.7 Moves (Cont'd)

(4) (Cont'd)

(b) The GigaMAN® service installed without protection and customer subsequently request protection options after the GigaMAN® order has been completed, and customer premises locations remain the same. This will require a change to the customer premises based Telephone Company equipment. This change will be treated as an upgrade to the GigaMAN service, and a new nonrecurring charge is applicable. This change will require a disconnect of the existing GigaMAN service and placement of an order for the new GigaMAN service for the same customer of record. With this upgrade the customer will experience an out of service condition.

(c) The GigaMAN service was installed with protection options and the customers subsequently requests a move of the channel termination within the same building afterwards. This request may require a change to the customer premises based Telephone Company equipment which will be determined by the Telephone Company. Nonrecurring charges as set forth in Section 7.13.13 are applicable (one-half the nonrecurring charge for the channel termination). With this upgrade the customer will experience an out of service condition.

(T)

7.13.8 Mileage Measurement

The mileage is calculated on the airline distance between the locations involved, i.e. the serving wire centers associated with two customer designated premises and an international boundary point, a serving wire center associated with a customer designated premise and a Telephone Company Hub, a serving wire center associated with a customer designated premise and a WATS Serving Office as described in Section 7.2.5.

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN)(Cont'd)

(N)

7.13.9 Upgrade to GigaMAN from other Access Products

(M)

Other Access products may not upgrade to GigaMAN without incurring applicable Termination Liability charges, if any, on that current access product.

7.13.10 Modification of Access Service

The customer may request a modification of its Access Order at anytime prior to notification by NBTC that service is available for the customer's use. NBTC will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the work force during normal business hours, NBTC will notify the customer. If the customer still desires the Access Order Modification, NBTC will schedule a new service date. All charges for Access Order modifications will apply on a per occurrence basis as described in Section 5.2.2.

(M)

7.3.11 Optional Features

(N)

(A) Protection Options

Protection options are provisioned on the customers GigaMAN® service and the customer is not required to purchase a second GigaMAN® circuit for protection options. Protection options are applied on a per GigaMAN® circuit basis only.

Protection options are available where facilities and/or operating conditions permit. Where facilities and/or operating conditions do not permit, special construction charges as set forth in Pacific Bell Telephone Company's TARIFF F.C.C. NO. 2, may apply. Protection options provide additional levels of reliability to GigaMAN® service. There are multiple protection options offered. The options do not need to be the same, but both Channel Terminations of the GigaMAN® service must include some form of protection for the service to be considered protected.

The Telephone Company will design the protection optional based upon the configuration of the customers GigaMAN® service.

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN)(Cont'd)7.3.11 Optional Features (Cont'd)(A) Protection Options (Cont'd)

Additional repeaters may be necessary on the protected path as determined by the Utility as set forth in Section 7.4.16(B) following.

Protection switching in less than 50 milliseconds will occur on GigaMAN® services with protection options, with the exception of Power Protection which is not switch protected. Protection options are offered with a Service Level Agreements (SLA) that target a service availability of 99.999%. SLA's are not applicable in the event of cable cut in any unprotected portion of the GigaMAN® service fiber path or when customer requested modifications to the service require down time.

GigaMAN® Protection Options are offered as follows:

(1) Equipment Only Protection – per Termination End

(2) Equipment Plus Fiber Path Protection

(a) Equipment Plus Alternate Wire Center Path Protection – per Terminating End

(b) Equipment Plus Channel Termination Path Protection – per Terminating End

(c) Inter Wire Center Path Protection – per Interoffice Segment

(3) Power Protection

(B) Equipment Only Protection

Equipment Only Protection offers one GigaMAN® signal routed on two different fiber pairs that co-exist in the same cable and conduit structure that terminate into two distract and separate network terminating equipment devices at the customer's premises.

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN)(Cont'd)7.3.11 Optional Features (Cont'd)(B) Equipment Only Protection (Cont'd)

All protected configurations have one working and one standby path. In event of a failure of the customer's transmission path, the GigaMAN® equipment will switch, within 50 milliseconds of detection, the customer's transmission to a dedicated standby path. In the event of a failure to both fiber transmission paths, an out of service condition will result. This form of protection can only be ordered per channel termination for each protected GigaMAN® service, and may also apply to the Inter-Wire center segment if the GigaMAN® service is served by more than one serving wire center.

If a customer requests complete protection extending to the SBC serving wire center from their premises location when utilizing Equipment Protection, they must request diverse entrance facilities into their premises at each end from the nearest SBC splice point closest to the customer premises location, this work is subject to special construction charges as set forth in Pacific Bell Telephone Company's TARIFF F.C.C. NO. 2.

(C) Equipment Plus Fiber Path Protection

Equipment Plus Fiber Path Protection offers varying degrees of path protection for each channel termination of the GigaMAN® service, plus the inter-wire segment if the service is served by more than one serving wire center, and is offered as follows:

(1) Equipment Plus Alternate Wire Center Path Protection

Equipment Plus Alternate Wire Center Path Protection offers one GigaMAN® signal routed over one fiber pair of the protected GigaMAN® service from the customer's premises to the customer's normal serving wire center, and a duplicate GigaMAN® signal routed over a diversely routed fiber pair to the Alternate Wire center selected by the Telephone Company.

(This page filed under Transmittal No. 90)

(N)

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN)(Cont'd)7.3.11 Optional Features (Cont'd)(C) Equipment Plus Fiber Path Protection (Cont'd)(1) Equipment Plus Alternate Wire Center Path Protection (Cont'd)

If any location(s) between the two fiber paths is closer than ten feet, the location(s) will be disclosed to the customer. The customer will determine accept the engineered path or agree to pay special construction charges as set forth in Pacific Bell Telephone Company's TARIFF F.C.C. NO. 2, to provide a completely diverse route where the ten foot allowance is not acceptable to the customer.

Where facilities are not available, the Customer may select Equipment Only Protection for an inter-office segment. This option can be selected for one or both channel terminations of the GigaMAN service.

All protected configurations have one working and one standby path. In the event of a failure of the customer's transmission path, the GigaMAN service will switch to a dedicated standby path within 50 milliseconds of detection. In the event of a failure to both fiber transmission paths, an out of service condition will result. This form of protection can only be ordered per channel termination for each protected GigaMAN service.

If a customer requests complete protection extending to the SBC serving wire center from their premises location when utilizing Equipment Protection Plus Alternate Wire Center Path Protection, they must request diverse entrance facilities into their premises at each end from the nearest SBC splice point closest to the customer premise location. This work is subject to special construction charges as set forth in Pacific Bell Telephone Company's TARIFF F.C.C. NO. 2.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN)(Cont'd)7.3.11 Optional Features (Cont'd)(C) Equipment Plus Fiber Path Protection (Cont'd)(2) Equipment Plus Channel Termination Path Protection

Equipment Plus Channel Termination Path Protection offers a duplicate GigaMAN® signal routed over two diversely routed fiber paths, to the customer's normal serving wire center.

If any location(s) between two fiber paths is closer than ten feet, the location(s) will be disclosed to the customer. The customer will determine to accept the engineered path or agree to pay special construction charges as set forth in Pacific Bell Telephone Company's TARIFF F.C.C. NO. 2, to provided a completely diverse route where the ten foot allowance is not acceptable to the customer.

All protected configurations have one working and one standby path. In the event of a failure of the customer's transmission path, GigaMAN® technology will switch within 50 milliseconds of detection, the customer's transmission to a dedicated standby path. In the event of failure to both fiber transmission to a dedicated standby path, or failure to both fiber transmission paths, an out of service condition will result.

This form of protection can only be ordered per channel termination for each protected GigaMAN® service, from the customers premises location, or from the manhole/splice point nearest the customer premises), to the Utility serving wire center.

(N)

(This page filed under Transmittal No. 90)

ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN)(Cont'd)7.3.11 Optional Features (Cont'd)(C) Equipment Plus Fiber Path Protection (Cont'd)(2) Equipment Plus Channel Termination Path Protection (Cont'd)

If a customer requests complete protection extending to the SBC serving wire center from their premises location when utilizing Equipment Protection Plus Channel Termination Path Protection, they must request diverse entrance facilities into their premises at each end from the nearest SBC splice point closest to the customer premises location. This work is subject to special construction charges as set forth in Pacific Bell Telephone Company's TARIFF F.C.C. NO. 2.

(3) Inter-Wire Center Path Protection

Inter-Wire Center Path Protection offers a duplicate GigaMAN® signal routed over two diversely routed fiber paths, between the two serving wire centers or alternate wire centers. Path protection starts at the nearest manhole outside the Telephone Company serving wire center. Inter Wire Center Path Protection must be ordered with either Equipment Only, Channel Termination Path Protection or Alternate Wire Center Path Protection.

If any location(s) between the two fiber paths is closer than ten feet, the location(s) will be disclosed to the customer. The customer will determine to accept the engineered path or agree to pay special construction charges as set forth in Pacific Bell Telephone Company's TARIFF F.C.C. NO. 2, to provide a completely diverse route where the ten foot allowance is not acceptable to the customer.

(N)

(This page filed under Transmittal No. 90)

ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN)(Cont'd)7.3.11 Optional Features (Cont'd)(C) Equipment Plus Fiber Path Protection (Cont'd)(3) Inter Wire Center Path Protection (Cont'd)

All protected configurations have one working and one standby path. In the event of a failure of the customer's transmission path, GigaMAN® technology will switch, within 50 milliseconds of detection, the customer's transmission to a dedicated standby path. In the event of a failure to both fiber transmission paths, an out of service condition will result.

(4) Power Protection

Power Protection provides GigaMAN® customers with battery backup for up to eight (8) hours to maintain GigaMAN® equipment in the event of a commercial AC power failure.

Power Protection is offered on a per equipment bay capacity basis, per customer premise, and depending upon the number of GigaMAN® services for the GigaMAN® customer of record. The Telephone Company will apply the power protection rate elements based upon the circuit capacity, and more than one element may be applicable. The Telephone Company will determine the design and engineering requirements for Power Protection for GigaMAN® customers.

(N)

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN)(Cont'd)7.3.11 Optional Features (Cont'd)(C) Equipment Plus Fiber Path Protection (Cont'd)(4) Power Protection (Cont'd)

Customers in multi-tenant buildings will require separate equipment and bays dedicated to each customer.

The addition of Power Protection to existing GigaMAN® service may result in temporary service interruption.

Power Protection is not available for installations using the wall mounted cabinet.

Customers are responsible for providing floor space for power equipment as set forth in Section 2.3.3 preceding.

7.3.12 Allowance for Service Interruptions

A Service Level Agreement (SLA) is offered with fully-protected GigaMAN® service, which provides the customer with a performance commitment that includes financial compensation if the service does not perform as described.

Service availability performance 99.999% is offered on a GigaMAN® service with protection (defined as Equipment Plus Path Protection) for every segment of the service.

If this SLA is not met, the customer will be entitled to a credit equal to 100% of the monthly rate for the period of the interruption of service affecting that rate element(s), not to exceed the total monthly charges for the services. Only one such credit in a billing period will apply.

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

(N)

7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN)(Cont'd)7.3.12 Allowance for Service Interruptions (Cont'd)

The service is considered interrupted when the customer reports a service disruption of greater than ten (10) consecutive seconds to the Telephone Company and the Telephone Company confirms that continuity of its service has been lost.

In order to qualify for this credit, the outage must be determined by the Telephone Company to be in its network and the failure occurred in that part of the service with the Protection. SLA adjustments are not available in the event of a cable cut, in any unprotected portion of the GigaMAN® service fiber path, or due to customer requested modifications to the service that may require down time.

SLA's are applicable to customers who purchase Equipment Plus Alternate Wire Center Path Protection or Equipment Plus Channel Termination Path Protection on both ends of a GigaMAN service (both channel terminations) as well as Inter-Wire Center Path Protection when applicable. The customer is responsible for notifying the Telephone Company when the service parameter within the calendar month falls below the committed level. The customer must request a service credit adjustment within 25 days after the end of the month when the failure occurred.

(N)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.13. Gigabit Ethernet Metropolitan Area Network (GigaMAN®) (Cont'd)7.13.13 Rates and Charges General Description

(T)

(A) Recurring Charges

		Monthly		Term Pricing Plan			
	USOC	Extension	12 Mo.	36 Mo.	60 Mo.	NRC	
(1) Local Distribution Channel							
- Per Point of Termination Terminating Bit Rate 1 Gbps							
- All States	TMECS	\$3,800.00	\$3,300.00	\$2,850.00	\$2,500.00		
(2) Interoffice Transport Mileage							
- Fixed							
- All States	1L5XX	\$250.00	\$250.00	\$200.00	\$100.00		
- Per Mile 1 Gbps							
- All States	1L5XX	\$125.00	\$125.00	\$100.00	\$75.00		
(3) Repeater -each	VU4	\$2,500.00	\$2,400.00	\$1,150.00	\$850.00		
(4) Diversity Options							
Local Channel Diversity -Per Channel Terminating Bit Rate 1 Gbps							
-All States	CPALX	\$750.00	\$750.00	\$750.00	\$750.00	0.00	
Inter Wire Center Diversity -Per Channel Terminating Bit Rate 1 Gbps							
-All States	CPATX	\$500.00	\$500.00	\$500.00	\$500.00	0.00	
Alternate Wire Center Diversity -Per Channel Termination bit Rat 1 Gbps							
-All States	CPAAX	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	0.00	
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ACCESS SERVICE

7. Special Access Service (Cont'd)7.13 Gigabit Ethernet Metropolitan Area Network (GigaMAN®) (Cont'd)7.13.13 Rates and Charges General Description (Cont'd)(A) Recurring Charges

	USOC	Monthly Extension	12 Mo.	Term Pricing Plan		NRC
				36 Mo.	60 Mo.	
(5) Protection - per GigaMAN® service arranged						
-Equipment Only Protection, per terminating end	CPAEX	1,500.00	\$1,375.00	1,050.00	900.00	\$625.00
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	2,460.00	2,050.00	1,600.00	1,400.00	1,400.00
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	2,190.00	1,825.00	1,425.00	1,225.00	1,225.00
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	475.00	\$375.00	150.00	100.00	625.00
-Power Protection ⁽¹⁾	VBBGX	700.00	625.00	480.00	435.00	475.00

⁽¹⁾ Power protection rate elements are applicable as set forth in 7.3.11(C)(4) preceding.

Material previously appearing on this page now appears on Original Page 7-93.1.

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ACCESS SERVICE

7.	<u>Special Access Service</u>	(Cont'd)				(N)
7.13	<u>Gigabit Ethernet Metropolitan Area Network (GigaMAN®)</u>	(Cont'd)				
7.13.13	<u>Rates and Charges General Description</u>	(Cont'd)				(N)
(B)	<u>Installation and Rearrangement Charges</u>					(M)
All States						
	USOC	12 Months	36 Months	60 Months		
(1) Administrative						
Charge per Order	ORCMX	\$60.00	\$60.00	\$60.00		
(2) Design Central						
Office Connection						(M)
Charge per circuit	NRMCK	\$230.00	\$230.00	\$230.00		(N)
(3) Customer Connection						(M)
Charge per						(M)
termination	NRBBL	\$1,500.00	\$1,500.00	\$1,500.00		(M)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

(M)

7.14 Individual Case Filings

(T)

Rates and charges for Special Access Service provided on an individual case basis are filed following:

(M)

(M)

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ACCESS SERVICE

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8. <u>Multi-service Optical Network (MON) Ring Service</u>	8-1	(N)
8.1 <u>General Description</u>	8-2	
(A) Basic Service Description	8-2	
(B) Service Provisioning	8-3	
(C) Responsibility of The Telephone Company	8-6	
(D) Responsibility of Customer	8-6	
(E) Service Rearrangements	8-6	
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8.3 <u>Rate Regulations</u>	8-7	
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ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.1 General Description(A) Basic Service Description

Multi-service Optical Network (MON) Ring Service is a Special Access Service that provides high volume optical transport utilizing multiplexing technology in a dedicated ring configuration. Multiple data signals are transmitted over the same fiber-optic cable at the same time, using different wavelengths of light, in order to increase the amount of information that can be transferred. Each wavelength represents a transmission channel in the MON Ring system and is protocol independent of every other channel in the system.

Rates and charges for Multi-service Optical Network (MON) Service are set forth in Section 8.4 following, with the exception of the services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. The rates and charges for the Multi-service Optical Network (MON) Service in the MSAs that have received Phase II pricing flexibility are set forth in Section 22.

(N)

(N)

MON Ring Service allows customers to combine their multiple data signals so they may be amplified and transported over one network. MON Ring Service provides dedicated capacity over a single pair of fiber in two directions that increases capacity without limiting customer-required data interfaces.

The following regulations will apply to MON Ring Service:

- (1) MON Ring Service is only available under a three (3) or five (5) year Term Payment Plan (TPP) for which rates and charges are applicable. When a service is discontinued prior to the expiration of the minimum period, termination charges are applicable for the remaining portion of the minimum period.
- (2) Prior to confirming an order for service, the Telephone Company will provide a proposed route diagram to the customer. Installation will not begin until the customer has accepted the proposed routing by the Telephone Company.

(This page filed under Transmittal No. 43)

ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.1 General Description (Cont'd)(B) Service Provisioning(1) Manner of Provisioning

MON Ring Service will be offered in two configurations. Customers can purchase MON Ring with growth capacity up to 16-wavelengths or up to 32-wavelengths. The 32-wavelength systems may be provisioned as two 16-wavelength systems sharing common fiber and common equipment. Conversions from 16-wavelength MON Rings to 32-wavelength MON Rings are not available.

Customer provided equipment(CPE) must deliver the data signals for the MON Ring Service transport within the technical specifications for the subscribed data service. Technical specifications can be found in the following Technical Reference Publications^{1/}:

(T)

AM TR-NIS-000100, Ameritech LAN Interconnect Service-Token Ring Interface Specifications
AM TR-NIS-000104, Ameritech LAN Interconnect Service -CSMA CD Interface Specifications
AM-TR-NIS-000111, Ameritech OC-3, OC-12, and OC-48 Service Interface Specifications
AM-TR-TMO-000101, Ameritech Digital Service Transmission Parameters
AM-TR-TMO-000080, Ameritech Service's Network Channel and Network Channel Interface Codes
AM-TR-NIS-000096, Ameritech Technical Interfaces Specifications
AM-TR-NIS-000107, (ESCON™)
IBM SA22-7202-XX, IBM Documentation (ESCON™)
IBM SA22-0394-XX
ANSI X3.T9.3, Fibre Channel (also includes FICON™ and ISC™)
ANSI/IEEE 802.3, Fast Ethernet
IEEE 802.3x and z, Gigabit Ethernet
IEEE 802.3ae
ANSI/SMPTE 259M, D1 Video

^{1/} ESCON™, ETR/CLO™, FICON™, ISC-1™, ISC-3™ and GDPS™ are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

(N)

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ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.1 General Description (Cont'd)(B) Service Provisioning(1) Manner of Provisioning (Cont'd)

MON Ring Service provides physical layer transport only.
Telephone Company assumes no responsibility for the signals
generated by the CPE, or address signaling to the extent the
CPE performs addressing. Error detection and correction of
data generated by the CPE are the customer's responsibility.

(M)

(M)

Material appearing on this page previously appeared on Original Page 8-3.

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ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.1 General Description (Cont'd)(B) Service Provisioning (Cont'd)(2) Limitations

- (a) Optical amplifiers and/or regenerators may have to be added to a MON Ring Service subsequent to the initial installation.
- (b) When any additional services are added, such installations may cause a service interruption to existing unprotected channels, or a protection switch on protected channels.
- (c) Services with time-delay sensitive protocols have facility length limitations and may affect the design/availability of MON Ring Service. The Telephone Company will work cooperatively with the customer to determine if the desired services can operate between the customers designated premises. These services will not be available on MON Rings nor between nodes where facility length limitations exceed the service specifications described in Sections 8.3(B)(1)&(2).
- (d) Neither electrical interfaces nor optical multiplexing are available with MON Ring Service.
- (e) Conversions from any other lower speed services to MON Ring Service are not available.
- (f) Channel protection may not be available for all interface types.
- (g) A protective channel provides protection for a single channel toward the network. It does not protect the channel against failure towards the customer interface. Protection reduces the maximum individual channel capacity of the system.
- (h) OC-12/-12c, Gigabit Ethernet, Fibre Channel and FICON™ at the 1.0625 Gbps speed may be ordered either on the MON Ring, or as a riding circuit on a Sub-Rate System. Fibre Channel and FICON™ at 2.125 Gbps rates can only be ordered on the MON Ring, and are not available on a Sub-Rate System. OC-12, Gigabit Ethernet, Fibre Channel and FICON™ at 1.0625 Gbps rates when ordered on a Sub-Rate System, are represented by different rate elements than those ordered directly on the MON Ring.
- (i) The Customer must first order the MON Ring Transport System followed by the MON Ring Channels. When ordering certain port interfaces requiring a Sub-Rate System, the customer must first order a MON Ring Channel Sub-Rate System over which these services will be assigned. When Riding Services are ordered on a Sub-Rate System, they are represented by different rate elements than those services ordered directly on the MON Ring.

(M)
(M)
(T)
(M)
(N)
(N)
(N)
(M)
(T)
(M)
(M)
(N)
(N)
(N)(3) Allowance for Service Interruptions

An interruption of service will start when an inoperative service is reported to the Telephone Company and end when the service is operative. In any month, as a result of an interruption, the total credit per rate element of the interrupted service may not exceed 100 percent of the monthly charge for that particular rate element as described in Section 2.4.4.

Any protected service interruptions greater than 2 consecutive seconds as a result of a failure on the protected portion of the circuit will result in a credit equal to one month's bill for the individual port-to-port connection involved⁽¹⁾. If the interruption occurs on an unprotected portion of the circuit, normal terms and conditions for credit allowances will apply as stated in 2.4.4. Any protected service interruptions greater than 10 consecutive seconds as a result of a failure on the protected portion of the circuit will result in a credit equal to one month's bill for the individual port-to-port connection involved⁽²⁾.

(C)
(N)
(N)
(N)
(N)

Certain material appearing on this page previously appeared on 1st Revised Page 8-3.

(1) This regulation does not apply to customers purchasing this service after 08/19/06.

(2) This regulation does not apply to customers purchasing this service before 08/19/06.

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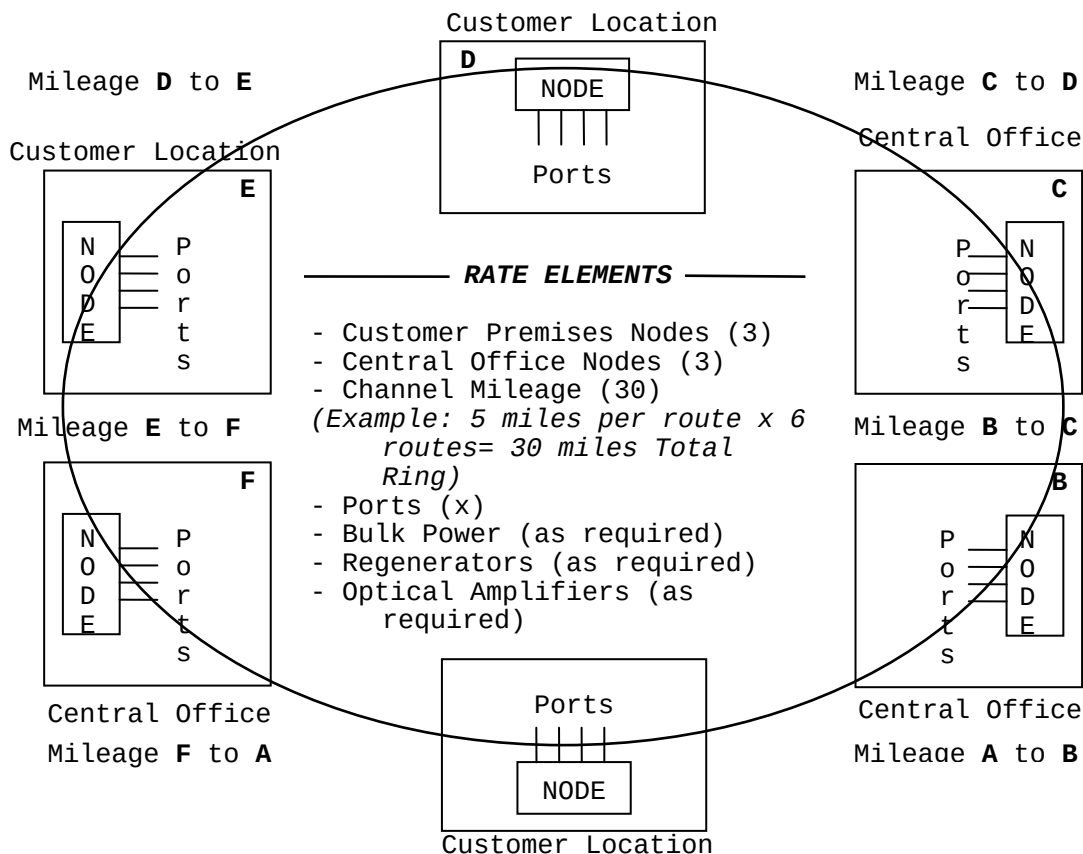
ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.1 General Description (Cont'd)(B) Service Provisioning (Cont'd)(4) MON Ring Configuration

MON Ring Service is available in different ring configurations utilizing central office nodes and customer premises nodes. The total number of circuits and total usable bandwidth to the customer depends upon the mix of services ordered and the specific traffic patterns of the customer. The Telephone Company will determine the appropriate wavelength assignment and the design of the MON Ring.

The minimum configuration would be two nodes at either a serving wire center or a customer premises site. If the nodes are not in a serving wire center, a central office management site for monitoring is required. An optical amplifier located at a serving wire center can be used as a monitoring site.

A combination of these configurations may be used in a network design depending on the customer's traffic pattern.

Diagram of Mon Ring

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ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)

(N)

8.1 General Description (Cont'd)(C) Responsibility of The Telephone Company

The Telephone Company will provision and maintain MON Ring Service for the customer up to and including the Network Interface (NI).

(D) Responsibility of Customer

The customer is responsible for providing the compatible CPE to be used for the connection to the MON Ring Service.

(E) Service Rearrangements

Service rearrangements are provisioning changes to existing (installed) services which do not result in either a change in the minimum period requirements or a change in the physical location of the point of termination at a customer premises, and will be charged as follows:

- (1) If changing the customer of record, the Administrative Charge will apply. For the changes of customer of record to be treated as a service rearrangement, the new customer must assume liability for both current and prior charges for the service.
- (2) For all other changes not requiring physical work at the central office, or customer premises, including a change in the customer assigned circuit identification or billing account number (when initiated by the customer), the Administrative Charge will apply.
- (3) For all other service rearrangements requiring physical work to be performed, the Administrative Charge will apply. Additionally, one Design and Central Office Connection Charge and one Customer Connection Charge per customer premises node will apply.

(N)

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ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.2 Route Diversity

MON Ring Service is configured with diversely routed fiber whenever possible. Unprotected channels will be lost in the event of a fiber path failure on which the circuit is assigned. Equipment interfaces towards the customer are not protected.

Routing of fiber may be diversified from the customer premises to their serving wire center or alternate serving wire center as determined by the Telephone Company, and where facilities are available, to ensure that loop fibers follow separate paths to the serving wire center or alternate serving wire center. In addition, IOF (interoffice facility) fiber paths may be diversified to ensure that at any serving wire center drop node, the fibers do not egress and ingress at the same location. In cases, where the serving wire center does not have multiple entrance fiber facilities, the section of the fiber from the manhole closest to the serving wire center will be routed within the same duct structure.

At the customer's request, additional protection to the customer premises nodes can be provided via dual entrance facilities. This special request will cause the customer to incur special construction cost. Without this special request, diverse fiber is provided to the manhole closest to the customer premises. The customer or building owner is responsible for providing the conduit.

In the case where dual entrance facilities are not established at the customer premises, collapsed facilities from the customer premises to the building equipment location are not diverse.

8.3 Rate Regulations(A) Rate Elements

There are nine basic rate elements which apply to the MON Ring Service:

(T)

(1) Nonrecurring Charges

These are one-time charges that apply for specific work activities (i.e., installation of new service, moves, and rearrangements of installed services). There are three different nonrecurring charges:

- (a) Administrative Charge - applies any time a customer initiates an order for service. This charge applies once per customer order.
- (b) Design and Central Office Connection Charge - applies once for the initial MON Ring installation, and applies once for each circuit ordered on the MON Ring Service.
- (c) Customer Connection Charge - applies to establish the MON Ring network, and is charged per node. Subsequent installation charges apply to each subsequent shelf installed after the MON Ring network is established.

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ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)(2) Customer Premises Node

Provides for the termination of service at the customer's premises and presents the various selected ports to the customer. Applies per customer designated premises, per first shelf and subsequent shelves.

(3) Central Office Node

Provides for the termination of service at a Telephone Company serving wire center. Applies per first shelf and subsequent shelves.

(4) Channel Mileage

Provides for the transmission facilities between the serving wire centers associated with the customer designated premises. The mileage measurement is developed utilizing the V&H coordinate method as set forth in the National Exchange Carrier Association, Inc. (NECA) Wire Center Information Tariff, F.C.C. No. 4. A one-mile minimum will be billed between nodes. A two-node ring configuration has a two mile minimum, one mile from the central office node to the customer premises node, and one mile from the customer premises node to the central office node.

(5) Optical Amplifier

Provides for an optical signal boost and applies when the distance between nodes exceeds the transmission loss parameters (link loss specific). Optical amplifiers are located at the customer premises node, a central office node, or a serving wire center. Each amplifier provides amplification for up to 16 channels per location (one amplifier per C or L band). Available where facilities and equipment permit⁽¹⁾.

(C)
(C)(6) Regenerator

Provides for re-timing, re-shaping, and regeneration when the degradation of the signal exceeds the dispersion and/or optical amplifier noise limits. Applies on a per shelf basis for up to 2.5 Gbps services and on a per circuit basis for up to 10 Gbps service.

(7) Bulk Power

Provides for customer premises node power, which will be required if the customer's power source is AC. Applies once per 4 shelves, with the first shelf and fifth subsequent shelf at each applicable customer premises node.

(1) This regulation only applies to customers purchasing this service after 08/19/06.

(N)
(N)

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ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)(8) Port

Provides for the channel interface at any node location for each unprotected or protected channel. Applies per port/per circuit terminating location. Charges will apply at the lower speed circuit level.

(9) Sub-Rate System

(N)

Allows for multiple ports, also called riding circuits, on a Single wavelength.

(N)
(N)(B) MON Ring Connection Capacity

MON Ring Service offers the following port interfaces:

(1) IBM Protocols:

ESCON^{TM/1/} (200 Mbps) - Enterprise Systems Connection. An IBM duplex optical connection used for computer-to-computer data exchange. ESCONTM is limited to a maximum distance of 43 km and actual data throughput is distance sensitive. (Offered as a riding circuit where facilities and equipment permit.) (C)
(C)

ETR/CLO^{TM/1/} (8 Mbps - Manchester Encoded) - External Timing References/Control Link Oscillator. This protocol is used for IBM GDPSTM architecture for multiple-location host processors. ETR/CLOTM is limited to a maximum distance of 40 km. (N)
(N)

FICON^{TM/1/} (1.0625 and 2.125 Gbps) - A higher-speed evolution of ESCONTM, enabling 1 Gbps connectivity among mainframes, storage devices and peripherals. FICONTM is limited to a maximum distance of 100 km and actual data throughput is distance sensitive. (Offered as a riding circuit where facilities and equipment permit.) (C)
(C)

ISC-1^{TM/1/} (1.0625 Gbps) - Inter-System Coupling. This protocol is used with IBM GDPSTM architecture for multiple-location host processors. ISC-1TM is limited to a maximum distance of 40 km. (N)
(N)

ISC-3^{TM/1/} - ISC-3 links have a peak data rate of 2.125 Gbps and can interconnect IBMTM eServer z900 systems for distances up to 10 km. (N)
(N)
(N)

/1/ESCONTM, ETR/CLOTM, FICONTM, ISC-1TM, ISC-3TM and GDPSTM are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504. (N)

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ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.3 Rate Regulations (Cont'd)(B) MON Ring Connection Capacity (Cont'd)

(2) Other Protocols:

Fibre Channel (1.0625 and 2.125 Gbps) - an industry standard protocol used to interconnect Storage Area Networks (SANs). Fibre Channel is limited to a maximum distance of 100 km and actual throughput is distance sensitive. (Offered as a riding circuit where facilities and equipment permit.)

(C)
(C)

Fast Ethernet - a version of Ethernet that allows data transmission rates of 100 Mbps. (Offered as a riding circuit where facilities and equipment permit.)

(C)
(C)

Gigabit Ethernet⁽¹⁾ - a version of Ethernet that allows data transmission rates of 1 Gbps. (Offered as a riding circuit where facilities and equipment permit.)

(C)
(C)
(C)

10 Gigabit Ethernet (WAN-PHY)⁽¹⁾ - a version of Ethernet that allows data transmission rates of 9.953 Gbps with a WAN-PHY only interface.

(C)

10 Gigabit Ethernet (LAN-PHY)⁽¹⁾ - a version of Ethernet that allows data transmission rates of 10.3125 Gbps with a LAN-PHY only interface.

(C)

D1 Video - uncompressed digital video signal operating at 270 Mbps. (Offered as a riding circuit where facilities and equipment permit.)

(C)
(C)

Gigabit Ethernet/Fibre Channel/ FICON™ Sub-Rate System (2:1)- provides a multiplexing system which allows customers to put up to two Gigabit Ethernet (GigE) Channels or up to two 1.0625 Gbps Fibre Channels or up to two 1.0625 Gbps FICON™ Channels, or any combination thereof, totaling two channels on the Sub-Rate System. Gigabit Ethernet, 1.0625 Gbps Fibre Channel and 1.0625 Gbps FICON™ protocols are defined in 12.2 (A), preceding. Fibre Channel and FICON™ at 2.125 Gbps rates cannot be placed on this sub-rate system.

(T)

(N)

(N)

ESCON™ Sub-Rate System (8:1)- provides a multiplexing system which allows customers to put up to eight ESCON™ Channels (no other protocol) on one port card, (ESCON™ protocol is defined in 12.2 (A), preceding) and is available where facilities and equipment permit.

(T)

(N)

(N)

(N)

SONET OC-3/OC-3c/OC-12/OC-12c Sub-Rate System (4:1)- provides a multiplexing system which allows customers to put up to either four OC-3/OC-3c signals and/or four OC-12/OC-12c signals or combinations thereof on one card. This sub-rate multiplexing system will have independent timing which allows multiple OC-3/OC-3c services and/or OC-12/OC-12c services on one Sub-Rate card, and is available where facilities and equipment permit.

(N)

(N)

(N)

(N)

(1) These port interfaces are available at both the customer premises node and the central office node. All other port interfaces are available only at the customer premises node.

(N)

(N)

(N)

(This page filed under Transmittal No. 136)

ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.3 Rate Regulations (Cont'd)(B) MON Ring Connection Capacity (Cont'd)

(2) Other Protocols: (Cont'd)

SONET OC-3/OC-3c* - provides a fiber-based 155.52 Mbps synchronous optical full duplex data transmission capability. (Offered as a riding circuit where facilities and equipment permit.)

(C)
(C)

SONET OC-12/OC-12c* - provides a fiber-based 622.08 Mbps synchronous optical full duplex data transmission capability.

SONET OC-48/OC-48c* - provides a fiber-based 2488.32 Mbps synchronous optical full duplex data transmission capability.

SONET OC-192/OC-192c* - provides a fiber-based 9953.28 Mbps synchronous optical full duplex data transmission capability.

Digital Video Broadcasting (DVB-ASI) - provides an 1310 mm optical interface at 270 Mbps. (Offered as a riding circuit where facilities and equipment permit.)

(N)
(N)
(N)

(D)
(D)

Sub-Rate System - provides a multiplexing system operating at 1.25 Gbps with 4 ports. Applicable to ESCON™, Fast Ethernet, DVB-ASI, D1 Video and OC-3/OC-3c port interfaces. *Sub-Rate multiplexing is offered at the serving wire-center only for OC-3/OC-3c. (Available where facilities and equipment permit.)

(N)
(N)
(N)

SONET OC-48/OC-48c* Sub-Rate System 4:1 - provides a multiplexing system which allows customers to put up to four (4) OC-48 signals on one port card. (Available where facilities and equipment permit.)

(N)
(N)
(N)
(N)

* These port interfaces are available at both the customer premises node and the central office node. All other port interfaces are available only at the customer premises node.

(This page filed under Transmittal No. 136)

ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)

(N)

8.3 Rate Regulations (Cont'd)(C) Term Pricing Plan(1) General Description

MON Ring Service Term Pricing Plan (TPP) provides the customer with discounted tariff rates for a three or five year term period. During the length of the selected TPP, monthly rates for service ordered under the plan will automatically change (increase or decrease), as Telephone Company initiated rate changes become effective. However, under no circumstances will any rate change cause the monthly rate for the service to exceed the rate that was in effect at the beginning of the selected TPP. The Telephone Company will notify customers participating in a TPP when monthly rates are increased or decreased. When customer's term agreement expires, if customer does not subscribe to a new service or choose to disconnect service, the customer's service will automatically convert to monthly extension rates.

(2) TPP Renegotiations

The customer may choose to terminate an existing TPP at any time prior to the end of the three or five year term period and renegotiate a new TPP without termination liability provided the new TPP meets the following requirements:

(a) The minimum period for the new TPP must be equal to or of greater duration than the remaining period of the existing TPP.

(b) The renegotiated TPP will be based on the current rates.

(3) Additions

Any MON Ring rate elements (as shown in Section 8.4) added to the existing service configuration after the expiration of 25 months of a 36 month TPP term, or 42 months of a 60-month TPP term, will be billed under the tariffed monthly extension rates.

(N)

(This page filed under Transmittal No. 35)

ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)

(N)

8.3 Rate Regulations (Cont'd)(C) Term Pricing Plan (Cont'd)(4) Termination of Service

Customer requesting termination of service prior to the expiration date of the TPP for any reason will be liable for a termination charge, which is calculated as follows:

Billing Period	Termination Percentage
3 Year	75%
5 Year	60%

(Monthly Recurring X (Months Remaining X (Termination
Rates) in Billing) Percentage)

Example:

A MON Ring Customer with \$50,000 monthly rate terminates service after 2 years with 1 year (12 months) remaining in a 3 year TPP. The termination liability would be calculated as:

$$\$50,000 \times 12 \times .75 = \$450,000.00$$

(5) Moves

If during the duration of the TPP, the customer wishes to rearrange or move a customer premises node, a termination charge will apply.

(N)

(This page filed under Transmittal No. 35)

ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)

(N)

8.4 Rates and Charges(A) Nonrecurring Charges

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(1) Administrative Charge - per customer order	ORCMX	\$125.00
(2) Design and Central Office Connection Charge - per network and per riding circuit	NRMCK	600.00
(3) Customer Connection Charge (Service Establishment) - per node	NRBBL	7,500.00
(4) Customer Connection Charge (Subsequent Installation) - per subsequent shelf	NHCNL	1,000.00

(N)

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ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.4 Rates and Charges (Cont'd)(B) Recurring Charges

	<u>USOC</u>	<u>Monthly Rates</u> <u>3 Year</u>	<u>5 Year</u>	<u>Monthly Extension</u>	
(1) Customer Premises Node (includes first shelf)	F2ND1	\$7,800.00	\$6,240.00	\$10,920.00	
(2) Customer Premises Node - per subsequent shelf	F2NDS	5,850.00	4,680.00	8,190.00	
(3) Central Office Node (includes first shelf)	F2NC1	7,800.00	6,240.00	10,920.00	
(4) Central Office Node - per subsequent shelf	F2NCS	5,850.00	4,680.00	8,190.00	
(5) Channel Mileage - per V-H mile or fraction thereof (2 mile min.)	1YAZX	325.00	260.00	455.00	
(6) Optical Amplifier - C band (per location)	67QXX	5,400.00	3,600.00	7,600.00	(C)
- L ⁽¹⁾ band (per location)	67QSX	5,400.00	3,600.00	7,600.00	
(7) Regenerator - (as required) -up to 2.5 Gbps (per shelf)	V8RXX	7,500.00	5,000.00	10,500.00	
-up to 10 Gbps (per circuit)	V8R2C	15,000.00	10,000.00	21,000.00	
(8) Bulk Power -per first shelf, for shelves 1 thru 4	CBVDX	2,000.00	1,600.00	2,600.00	
(9) Bulk Power -per fifth subsequent shelf for shelves 5 thru 8	CBVDS	1,600.00	1,300.00	2,100.00	

(1) Available where facilities and equipment permit. This regulation only applies to customers purchasing this service after 08/19/06. (N)
(N)

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ACCESS SERVICES

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.4 Rates and Charges (Cont'd)(C) Ports-per port/per circuit
terminating location

	<u>USOC</u>	<u>Monthly Rates</u>		<u>Monthly Extension</u>	
		<u>3 Year</u>	<u>5 Year</u>		
(1) ETR/CLO ^{TM/1/} - unprotected channel	POYKW	\$975.00	\$750.00	\$1,400.00	(N)
(2) FICON ^{TM/1/} (1.0625 Gbps) - unprotected channel	POYMW	975.00	750.00	1,400.00	
- protected channel	POYMP	1,950.00	1,500.00	2,800.00	
(3) FICON ^{TM/1/} (2.125 Gbps) - unprotected channel	POYWW	1,700.00	1,300.00	2,400.00	
- protected channel	POYWP	3,400.00	2,600.00	4,800.00	
(4) ISC-1 ^{TM/1/} - unprotected channel	POYJW	1,800.00(R)	1,250.00	2,500.00(R)	(N)
-protected channel	POYJP	3,600.00	2,500.00	5,000.00	(N)
(5) ISC-3 ^{TM/1/} -unprotected channel	POY9W	3,750.00	2,500.00	5,000.00	
-protected channel	POY9P	7,500.00	5,000.00	10,000.00	(N)
(6) Fibre Channel (1.0625 Gbps) - unprotected channel	POYNW	1,200.00	900.00	1,700.00	(T)
- protected channel	POYNP	2,400.00	1,800.00	3,400.00	

/1/ ESCONTM, ETR/CLOTM, FICONTM, ISC-1TM, ISC-3TM and GDPSTM are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 105040.

(N)

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ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.4 Rates and Charges (Cont'd)(C) Ports (Cont'd)-per port/per circuit
terminating location

	<u>USOC</u>	<u>Monthly Rates</u> <u>3 Year</u>	<u>5 Year</u>	<u>Monthly Extension</u>	
(7) Fibre Channel (2.125 Gbps)					(T)
-unprotected channel	POYYW	\$1,700.00	\$1,300.00	\$2,400.00	
-protected channel	POYYP	3,400.00	2,600.00	4,800.00	
(8) Gigabit Ethernet					(T)
- unprotected channel	POYLW	1,200.00	900.00	1,700.00	
- protected channel	POYLP	2,400.00	1,800.00	3,400.00	
(9) 10 Gigabit Ethernet (WAN-PHY)					(T)
- unprotected channel	POYTW	15,000.00	12,500.00	21,000.00	
- protected channel	POYTP	20,000.00	16,700.00	28,000.00	
(10) 10 Gigabit Ethernet (LAN-PHY)					(T)
- unprotected channel	POYUW	15,375.00	12,815.00	21,525.00	
- protected channel	POYUP	20,500.00	17,120.00	28,700.00	
(11) SONET OC-12/OC-12c					(T)
- unprotected channel	POYFW	1,300.00	1,000.00	1,900.00	
- protect channel	POYFP	2,600.00	2,000.00	3,700.00	
(12) SONET OC-48/48c					(T)
- unprotected channel	POYGW	4,400.00	3,700.00	6,000.00	
- protected channel	POYGP	6,600.00	5,560.00	9,000.00	
(13) SONET OC-192/192c					(T)
- unprotected channel	POYOW	15,000.00	12,500.00	21,000.00	
- protected channel	POYOP	20,000.00	16,700.00	28,000.00	

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ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.4 Rates and Charges (Cont'd)(C) Ports (Cont'd)

-per port/per circuit terminating location

	<u>USOC</u>	<u>Monthly Rates</u>		<u>Monthly Extension</u>	
		<u>3 Year</u>	<u>5 Year</u>		
(14) Sub-Rate System ^{/4/}					(C)
- unprotected channel	POYSW	\$1,300.00	\$1,000.00	\$1,900.00	
- protected channel	POYSP	2,600.00	2,000.00	3,700.00	
(15) ESCON TM Riding Circuit ^{/1//2//4/}					(C)
- unprotected channel	POYHW	100.00	100.00	150.00	
- protected channel	POYHP	100.00	100.00	150.00	
(16) Fast Ethernet Riding Circuit ^{/2//4/}					(T) (C)
- unprotected channel	POYCW	325.00	250.00	500.00	
- protected channel	POYCP	500.00	400.00	800.00	
(17) D1 Video Riding Circuit ^{/2//4/}					(C)
- unprotected channel	POYVW	100.00	100.00	150.00	
- protected channel	POYVP	100.00	100.00	150.00	
(18) DVB-ASI Riding Circuit ^{/4/}					(N) (N) (N)
- unprotected channel	PWY5W	100.00	100.00	150.00	
- protected channel	PWY5P	100.00	100.00	150.00	
(19) SONET OC-3/OC-3c Riding Circuit ^{/3//4/}					(T) (C)
- unprotected channel	POYEW	100.00	100.00	150.00	
- protected channel	POYEP	100.00	100.00	150.00	
(20) GigE/FC/FICON ^{TM/1/} Sub-Rate System					(T) (M) (M)
- unprotected channel	POY1W	875.00	700.00	1,140.00	
- protected channel	POY1P	1,750.00	1,400.00	2,280.00	
(21) GigE Riding Circuit ^{/5/}					(C) (M) (M)
- unprotected channel	POY4W	500.00	400.00	650.00	
- protected channel	POY4P	1,000.00	800.00	1,300.00	
(22) Fibre Channel Riding Circuit ^{/5/}					(C) (M) (M)
- unprotected channel	POY6W	500.00	400.00	650.00	
- protected channel	POY6P	1,000.00	800.00	1,300.00	

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/2/ Available only when ordered with Sub-Rate System or ESCONTM Sub-Rate System. (T)

/3/ Available only when ordered with Sub-Rate System or OC-3/OC-12 Sub-Rate System. (T)

/4/ Available where facilities and equipment permit. This regulation only applies to customers purchasing this service after 08/19/06. (N)

/5/ Available only when ordered with GigE/FC/FICON^{TM/i/} Sub-Rate System. (N)

Certain material appearing on this page previously appeared on Original Page 8-19.

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ACCESS SERVICE

8. Multi-service Optical Network (MON) Ring Service (Cont'd)8.4 Rates and Charges (Cont'd)(C) Ports (Cont'd)

-per port/per circuit terminating location

	USOC	Monthly Rates		Monthly Extension	
		3 Year	5 Year		
(23) FICON ^{TM/1//2/} Riding Circuit					(C)
- unprotected channel	POY7W	400.00	320.00	480.00	
- protected channel	POY7P	800.00	640.00	960.00	
(24) ESCON ^{TM/1//4/} Sub-Rate System					(C)
- unprotected channel	POY2W	1,500.00	1,125.00	1,950.00	
- protected channel	POY2P	3,000.00	2,250.00	3,900.00	
(25) OC-3/OC-3c and OC-12/OC-12c ^{/4/} Sub-Rate System					(C)
- unprotected channel	POY3W	1,000.00	750.00	1,300.00	
- protected channel	POY3P	2,000.00	1,500.00	2,600.00	
(26) OC-12/OC-12c ^{/3//4/} Riding Circuit					(C)
- unprotected channel	POY5W	500.00	375.00	700.00	
- protected channel	POY5P	1,000.00	750.00	1,400.00	
(27) DVB-ASI					(N)
-unprotected channel	POY8W	2,100.00	1,650.00	3,075.00	
-protected channel	POY8P	4,200.00	3,300.00	5,775.00	
(28) ESCON ^{TM/4/}					
-unprotected channel	PWY1W	1,300.00	1,000.00	1,900.00	
-protected channel	PWY1P	2,600.00	2,000.00	3,700.00	
(29) Fast Ethernet ^{/4/}					
-unprotected channel	PWY2W	1,300.00	1,000.00	1,900.00	
-protected channel	PWY2P	2,600.00	2,000.00	3,700.00	
(30) D1 Video					
-unprotected channel	PWY3W	1,300.00	1,000.00	1,900.00	
-protected channel	PWY3P	2,600.00	2,000.00	3,700.00	
(31) SONET OC-3/OC-3c ^{/4/}					
-unprotected channel	PWY4W	1,300.00	1,000.00	1,900.00	
-protected channel	PWY4P	2,600.00	2,000.00	3,700.00	
(32) OC-48/OC-48c SONET Sub-Rate System 4:1 ^{/4/}					
-unprotected channel	POYRW	3,500.00	2,750.00	4,250.00	
-protected channel	POYRP	7,000.00	5,500.00	8,500.00	
(33) SONET OC-48 ^{/4/} Riding Circuit					
-unprotected channel	POYZW	1,900.00	1,200.00	2,800.00	
-protected channel	POYZP	3,800.00	2,400.00	5,600.00	(N)

/1/ ESCONTM, ETR/CLOTM, FICONTM, ISC-1TM, ISC-3TM and GDPsTM are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

/2/ Available only when ordered with GigE/FC/FICON^{TM/1/} Sub-Rate System.

/3/ Available only when ordered with Sub-Rate System or OC-3/OC-12 Sub-Rate System.

/4/ Available only where facilities and equipment permit. This regulation only applies to customers purchasing this service after 08/19/06.

/5/ Available only when ordered with an OC-48 Sub-Rate System.

Material previously appearing on this page now appears on 2nd Revised Page 8-18.

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ACCESS SERVICE

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ACCESS SERVICE

9. Directory Assistance Service

The Telephone Company will provide Directory Assistance (DA) Service to a customer from Directory Assistance Service locations (DA location).

9.1 General Description

DA Service provides Directory Access Service to DA locations, use of DA access equipment, and use of DA operators to provide telephone numbers.

9.2 Undertaking of the Telephone Company

- (A) A Telephone Company DA operator, when furnished a name and locality, will provide or attempt to provide the telephone number listed in the Telephone Company DA records associated with the name given at the rates and charges as set forth in 9.6 following. The Telephone Company's contact with the customer's end user shall be limited to that effort necessary to process a customer's end user's request for a telephone number; and the Telephone Company will not transfer, forward or redial a customer's end user call to any other location for any purpose other than provision of DA Service.
- (B) A maximum of two (2) requests for telephone numbers will be accepted per call to the DA operator.
- (C) A telephone number which is not listed in DA records will not be available to the customer's end user.
- (D) The Telephone Company will specify the DA location which provides the DA Service for each numbering plan area code (NPA). The DA locations are as shown in EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. No. 4.

When it becomes necessary, as determined by the Telephone Company, to change a DA location, the Telephone Company will notify the involved customers six months prior to the change. For such changes, the regulations as set forth in 2.1.7 preceding apply.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.2 Undertaking of the Telephone Company (Cont'd)

(E) When DA Service is ordered, Directory Access Service will be provided between the customer designated premises and the DA location by the Telephone Company at rates and charges as set forth in 9.6 following.

(1) General

Each Directory Access Service will consist of the following:

- An Interface Group equipped with an available Premises Interface Code at the customer's premises as set forth in (2) following.
- Directory Transport between the premises of the ordering customer and the DA location as set forth in (3) following.

When required by the Telephone Company, a separate Directory Access Service trunk group will be provided for DA Service for each NPA. Separate trunk groups will be required when the Telephone Company notifies the customer that the mechanized search of its data base and its mechanized operator practices require a mechanized identification of the NPA code for which the customer's end user desires DA information.

Further, when an access tandem is available and is provided, the Directory Access Service will be provided, at Telephone Company choice, either as a separate Directory Access Service trunk group or in combination with Access Trunk Arrangements or Feature Group B, C or D Switched Access Service.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.2 Undertaking of the Telephone Company (Cont'd)

(E) (Cont'd)

(2) Interface Group and Premises Interface Code

Interface Groups 2 through 10, as set forth in 15.1.11 following are available for Directory Access Service. When only Directory Access Service is provided, only the following Premises Interface Codes are available:

4DS9-15	6EA2-E	4RV2-0
4DS9-31	6EA2-M	4AH5-B
4DS0-63	4SF3	4AH6-C
4DS6-44		4AH6-D
4DS6-27		

Such Premises Interface Codes are described in 15.1.11 following. When Directory Access Service is combined with Access Trunk Arrangements or Feature Group B, C or D Switched Access Service, the Premises Interface Code for the combination will be the available Premises Interface Code provided for the Access Trunk Arrangements or Feature Group B, C or D Switched Access Service ordered by the customer. Except as set forth in 9.4 following, the Interface Groups and Premises Interface Codes provided under a Special Order for Directory Access Service are subject to the order conditions as set forth in 5. preceding. For purposes of applying the order regulations, a DA location is considered to be a customer end user serving wire center.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.2 Undertaking of the Telephone Company (Cont'd)

(E) (Cont'd)

(3) Directory Transport

Directory Transport provides the transmission facilities and transport termination between the premises of the ordering customer and the DA location.

Directory Transport is a two-way voice frequency transmission path composed of facilities determined by the Telephone Company. The two-way voice frequency path transports calls in the terminating direction (from the premises of the ordering customer to the DA location). The voice frequency transmission path may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency band width of approximately 300 to 3000 Hz.

The Telephone Company will determine whether the Directory Access Service is to be routed directly to a DA location or through an access tandem switch appropriately equipped for DA measurement and served by DA trunks to the DA location when such an access tandem switch is available. The combination of Access Trunk Arrangements or Feature Group B,C or D Switched Access Service with DA Service will only be provided at such available and appropriately equipped access tandem switches. If the customer desires the traffic routing to be other than that selected by the Telephone Company, it may request a cooperative effort to determine if customer specified traffic routing can be used in lieu of the Telephone Company selected traffic routing.

When Directory Transport is provided using a direct route to the DA location, no address signaling is provided. When Directory Transport is provided with the use of an access tandem switch, wink start-start pulsing signaling is provided at the access tandem switch. The customer will be notified by the Telephone Company when access tandem

(This page filed under Transmittal No. 1)

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.2 Undertaking of the Telephone Company (Cont'd)

(E) (Cont'd)

(3) Directory Transport (Cont'd)

routing is provided and the customer shall address each call to the DA location using NPA + 555 + 1212 or when required by the Telephone Company, 555-1212. Only NPA codes handled by the DA location served by the access tandem switch will be processed.

Directory Transport may, at the option of the customer, be provided for both interstate and intrastate communications. When the customer requests such mixed access, the interstate Directory Transport charges will be determined by the Telephone Company using the data furnished by the customer as set forth in 2.3.15 preceding.

Except as set forth in 9.4 following, Directory Transport provided under a Special Order is subject to the order conditions as set forth in 5. preceding.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.2 Undertaking of the Telephone Company (Cont'd)

(E) (Cont'd)

(4) Special Facilities Routing

A customer may request that Directory Access Service be provided via Special Facilities Routing. The regulations, rates and charges for Special Facility Routing (Avoidance, Diversity and Cable Only) are as set forth in 11. following.

(5) Design Layout Report

The Telephone Company will provide to the customer the makeup of the facilities and services provided under this section as Directory Access Service. This information will be provided in the form of a Design Layout Report similar to that as set forth in 6.1.4. Design Layout Reports for Directory Access Service will be provided only when specifically requested by the customer. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever the facilities provided for the customer's use are materially changed.

(6) Transmission Specifications

Directory Access Service is provided with either Type A or B Transmission Specification. The specifications associated with the parameters are guaranteed to the DA location, whether routed directly or via an access tandem. Type B Transmission Specification is provided with Interface Groups 2 through 10 when routed direct to a DA location. Type A Transmission Specification is provided with Interface Groups 2 through 10 when routed via an access tandem switch.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.2 Undertaking of the Telephone Company (Cont'd)

(E) (Cont'd)

(6) Transmission Specifications (Cont'd)

When DA Service is combined with Access Trunk Arrangement 101XXXX or Feature Group D Switched Access Service, Type A Transmission Specification is provided. When DA Service is combined with Access Trunk Arrangement 950 or Feature Group B Switched Access Service, Type B Transmission Specification is provided for Interface Groups 2 through 10. When DA Service is combined with Access Trunk Arrangement NEA or Feature Group C Switched Access Service, Type B Transmission Specification is provided.

Type A and B Transmission Specifications are set forth in 6.4 preceding.

(7) Acceptance Testing and Testing Capabilities

The acceptance testing and testing capabilities for Directory Access Service traffic routed through an access tandem are the same as those for the associated Access Trunk Arrangement NEA or 101XXXX or Feature Group C or D end office switching. The acceptance testing for Directory Access Service traffic routed directly to or routed in separate trunk groups through an access tandem to the DA location will be as set forth in 6.1.5 preceding. The testing capabilities for Directory Access Service traffic routed directly to or routed in a separate trunk group through an access tandem to the DA location will be as set forth for Additional Manual Cooperative Testing or Additional Manual Testing in 13.3.5 following.

- (F) Trunk side switching is provided at the DA Service access location. The DA Service access location will provide trunk answer and disconnect supervisory signaling.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.2 Undertaking of the Telephone Company (Cont'd)

- (G) The Telephone Company will distribute the calls received over the Directory Access Services to the DA operators using the DA location access equipment.
- (H) In the event that the telephone number is unavailable to the DA operator, no credit applies for the charge for the call to the DA operator. When the DA location or DA operator equipment or terminals are out of service due to a Telephone Company equipment failure or an incorrect number is provided, a credit as set forth in 9.4(G) following will apply.
- (I) DA Service may, at the option of the customer, be provided for interstate and intrastate communications. When the customer requests such mixed access, the interstate DA Service charges will be determined by the Telephone Company using the data furnished by the customer as set forth in 2.3.15 preceding.

9.3 Obligations of the Customer

- (A) The customer shall determine and order the number of lines or trunks and interface type of Directory Access Services it needs for DA Service.
- (B) When DA Service is initially ordered, the customer shall order the service for at least six months. Thereafter, additional service may be ordered for a minimum of six months. Not later than three months prior to the end of the six month period, the customer shall notify the Telephone Company if the service is to be discontinued at the end of the six month period. If no notice is received from the customer, the Telephone Company will automatically extend the service for another six months and all appropriate charges as set forth in 9.6 following will apply for another six months.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.3 Obligations of the Customer (Cont'd)

- (C) The customer facilities at the premises of the ordering customer shall provide the necessary on-hook and off-hook supervision.
- (D) When requested by the Telephone Company, the customer shall order a separate trunk group for DA Service for each NPA. The conditions when the customer will be requested to order separate trunk groups for each NPA are set forth in 9.2(E)(1) preceding.
- (E) When the customer bills its end users, the customer shall be responsible for all contacts and arrangements with its end users concerning the provision and maintenance of, and the billing and collecting of charges, for DA Service furnished to its end users. When the Telephone Company bills the customer's end users at the request of the customer, contacts and arrangements with customer's end users concerning the billing and collecting of charges will be negotiated on an individual case basis.
- (F) The customer understands that DA operators will respond to only two (2) telephone number requests per call and will not transfer, forward or redial the call to another location for any purpose other than the provision of DA Service.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.4 Payment Arrangements(A) Minimum Periods

The minimum period for which DA Service and the Directory Access Service is provided and for which charges apply is six months. A minimum period of six months applies for each additional period of service ordered or extended.

If DA Service is discontinued prior to the end of each six month period, the charges that apply for the remaining months are the non-recoverable costs. Such costs include the non-recoverable cost of equipment and material ordered, provided or used, plus the non-recoverable cost of installation and removal including the costs of engineering, labor, supervision, transportation, rights-of-way and other associated costs less estimated net salvage.

(B) Minimum Monthly Charge

DA service is subject to a minimum monthly charge. The minimum monthly charge consists of the following elements:

For those rate elements that are billed a flat monthly rate, i.e., Directory Transport options, the minimum monthly charge is the monthly rate as set forth in 9.6 following.

The minimum monthly charge for Directory Assistance Service calls is the charge as set forth in 9.6 following for the actual usage for the month.

For the Directory Transport rate element, the minimum monthly charge the customer will be assessed will be the usage charges based on actual usage. Rates for actual usage are set forth in 9.6 following.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.4 Payment Arrangements (Cont'd)(C) Cancellation of a Special Order

A customer may cancel a Special Order for DA Service on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the Special Order is to be cancelled. The verbal notice must be followed by written confirmation within 10 days.

When a customer cancels a Special Order for DA Service after the order date but prior to the start of service, the appropriate charges as set forth in 5. preceding apply for the Directory Access Service cancelled. In addition, a charge equal to any unrecoverable capital costs incurred by the Telephone Company will apply to the customer.

(D) Changes to Special Orders

When a customer requests changes to a pending order for DA Service, such changes will be undertaken if they can be accommodated by the Telephone Company. The appropriate charges as set forth in 5. preceding apply for the Directory Access Service changed. In addition, a charge equal to any other costs incurred by the Telephone Company because of the change will apply.

(E) Moves

A move involves a change in the physical location of the point of termination at the customer designated premises or of the customer designated premises. Moves will be treated as set forth in 6.7.5 preceding and all associated nonrecurring charges will apply. Minimum period requirements will be established at the new location as set forth in 6.7.2 preceding. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.4 Payment Arrangements (Cont'd)(F) DA Service Rearrangements

Nonrecurring charges apply for service rearrangements. Service rearrangements are as set forth in 6.7.1 (C)(3) preceding. The Service Rearrangement Charges are as set forth in 6.7.1 (C)(3) for the type of change provided by the Telephone Company.

(G) Credit Allowance for DA Service

- (1) When the DA location or DA operator equipment or terminals are out of service due to a Telephone Company equipment failure or an incorrect number is provided and a customer DA call has been answered or forwarded to a DA operator, a credit allowance for a call answered or forwarded to the DA operator equal to the rate for a Directory Assistance Service Call as set forth in 9.6(A) following plus the rate for a Directory Transport call as set forth in 9.6(B) following will be applied to the customer's charges.
- (2) In addition to the credit as set forth in (1) preceding, when a DA operator or DA equipment provides an incorrect number for a call and the customer reports such occurrences to the Telephone Company, a credit allowance for such DA call will apply. The credit will be as set forth in (3) following. When the customer reports such a call and the number requested, the number provided and the reason the number provided is incorrect, the number of calls for which a credit will apply will be developed by the Telephone Company in cooperation with the customer.

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ACCESS SERVICE
9. Directory Assistance Service (Cont'd)9.4 Payment Arrangements (Cont'd)(G) Credit Allowance for DA Service (Cont'd)

(3) When a DA call is not completed due to the failure of Directory Access Service to DA locations, DA access equipment or DA operator activities, a credit allowance for the Switched Access Service portion in the originating LATA of such DA call will apply. When the customer reports such a call and DA number dialed, time of the call and the date of the call, the number of calls for which a credit will apply will be developed by the Telephone Company in cooperation with the customer. The credit will be as set forth following:

- a) Credit per call when Switched Access Service is billed using Transitional per minute rates (\$0.000722)*(I)
- b) Credit per call when an Access Line Arrangement or Feature Group A and/or an Access Trunk Arrangement 950 or Feature Group B Switched Access Service is billed using Premium per minute rates (\$0.000822)*(I)
- c) Credit per call when an Access Trunk Arrangement NEA or Feature Group C and/or Access Trunk Arrangement 101XXXX or Feature Group D Switched Access Service is billed using Premium per minute rates (\$0.000822)*(I)

(4) Credit allowances for other service interruptions will be provided as set forth in 2.4.4 preceding.

9.5 Rate Regulations

- (A) The Directory Assistance service call charge, as set forth in 9.6 (A) following, applies for each completed call to a Directory Assistance operator. A call is a call which has been answered by a DA operator. The charge applies whether or not the DA operator provides the requested telephone number. The number of calls answered by DA operators will be accumulated by Telephone Company measuring equipment. A credit for the provision of an incorrect telephone number will be applied as set forth in 9.4(G) preceding.

*() equals a negative amount.

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.5 Rate Regulations (Cont'd)

- (B) The Directory Transport provides the transmission facility and transport termination from the serving wire center for the premises of the ordering customer to the DA location. Title Page notwithstanding, these two wire centers may be in different LATAs. In addition, the premises of the ordering customer must be in the LATA where DA service is requested or in the LATA where the DA location is located. The rate for Directory Transport is calculated on a per call basis.
- (C) The charge per call for Directory Transport, as set forth in 9.6(B) following, applies for each call to DA service. A call is as set forth in (A) preceding. The number of calls will be accumulated as set forth in (A) preceding.
- (D) There are two types of charges applicable to Directory Transport: Nonrecurring and Recurring. Paragraphs (1) through (6) following set for the Directory Transport rate elements and how the recurring charges are applied for the elements. The Directory Transport elements that apply are Entrance Facility, Direct Trunked Transport and/or Tandem Switched Transport, and Directory Transport Interconnection Charge. When Tandem Switched Transport is provided, the Directory Transport tandem Switching element applies. When an Entrance Facility and/or a Direct Trunked Transport Facility require Multiplexing as set forth in 6.7.1 preceding, a Multiplexing arrangement charge applies. Paragraph (7) following sets forth the nonrecurring charges.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.5 Rate Regulations (Cont'd)

(D) (Cont'd)

(1) Directory Transport Entrance Facility

A Directory Transport Entrance Facility rate is applied for a VG/DS0, DS1 and DS3 Transport Channel on a point of termination per month basis. The regulations for these charges are the same as set forth in 6.7.1(D)(1) preceding for Entrance Facility. The rates are as set forth in 6.8.1(A) preceding.

(2) Directory Transport Direct Trunked Transport

Directory Transport Direct Trunked Transport Facility rates are applied on a per Transport Channel per month fixed and per month per mile basis. The regulations for these charges are the same as set forth in 6.7.1(D)(2) preceding for Direct Trunked Transport. The rates are as set forth in 6.8.1(B) preceding.

(3) Directory Transport Tandem Switched Transport

Tandem-Switched Transport is provided as four sub-elements:

- Tandem-Switched Directory Transmission
- Directory Tandem Switching
- Dedicated Tandem Trunk Port
- Tandem DA Location Multiplexing

(a) Tandem-Switched Directory Transmission

A per call rate and a per call per mile rate applies to each DA call which has been answered by or forwarded to a DA operator when the transport was provided using a Tandem-Switched Transport Facility. Mileage measurement is described in (4) following.

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.5 Rate Regulations (Cont'd)

(D) (Cont'd)

(3) Directory Transport Tandem Switched Transport (Cont'd)(b) Directory Tandem Switching

A rate per call applies to each DA call which has been answered by or forwarded to a DA operator when the transport was provided using a Tandem-Switched Transport facility.

(c) Tandem DA Location Multiplexing

A per call charge applies for the use of the multiplexing equipment on the DA location side of the access tandem.

(d) Dedicated Tandem Trunk Port

A monthly rate applies, per port, for each dedicated trunk on the serving wire center side of the access tandem.

(4) Mileage

The mileage for Directory Transport is measured from the serving wire center for the premises of the ordering customer to the DA location. These two wire centers may be in different LATAs. In addition, the premises of the ordering customer must be in the LATA where DA Service is requested or in the LATA of the DA location. The measurement will be performed and charges determined as described in 6.7.11 (Determining Switched Transport Mileage and Charges).

(5) Directory Transport Interconnection Charge

Directory Transport Interconnection Charge provides for residual transport and switching functions not assigned to other Directory Transport rate elements. The DA Interconnection Charge is divided into two sub-elements, i.e., the DA Interconnection Charge and the DA Facilities-Based Interconnection Charge. The DA Interconnection Charge is a usage rate which applies for each call which has been answered by or forwarded to a DA operator. The DA Non-Facilities-Based Interconnection Charge will be assessed in lieu of the DA Interconnection Charge for all traffic which uses the Telephone Company's local switching services but does not use the Telephone Company's transport services. The number of calls answered by or forwarded to DA operators will be accumulated by Telephone Company measuring

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ACCESS SERVICE

9. Directory Assistance Service (Cont'd)9.5 Rate Regulations (Cont'd)

(D) (Cont'd)

(5) Directory Transport Interconnection Charge (Cont'd)

equipment. As set forth above, either the DA Interconnection Charge or the Facilities-Based Interconnection Charge applies whether or not the DA operator provides the requested number.

(6) Directory Transport Multiplexing

The multiplexing rate is applied on a per Multiplexing arrangement basis. The regulations for these charges are the same as set forth in 6.8.1(I) preceding for Multiplexing. The rates are as set forth in 6.8.1(I) following.

(7) Directory Transport Tandem Switched Transport provided over Direct Trunked Transport DS1 and DS3 Transport Channels

When Directory Transport Tandem Switched Transport is provided over Direct Trunked Transport DS1 and DS3 Transport Channels, the Direct Trunked Transport rates will be adjusted and the Directory Transport Tandem Switched Transport will be billed the per call fixed and per call per mile rates for all calls as set forth in (3) preceding.

Regulations for Directory Transport Tandem Switched Transport provided over Direct Trunked Transport DS1 and DS3 Transport Channels are the same as set forth in 6.7.1(D)(8) preceding for Tandem Switched Transport provided over Direct Trunked Transport DS1 and DS3 transport channels.

(8) Nonrecurring Charges

Nonrecurring charges are one time charges associated with the installation of Directory Transport and the change of Directory Transport. The regulations for these charges are the same as set forth in 6.7.1(C) for Switched Transport. The charges for Directory Transport are set forth for the selected Transport facility in 9.6(C) following.

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ACCESS SERVICE
9. Directory Assistance Service (Cont'd)9.5 Rate Regulations (Cont'd)(9) Directory Transport Application

Regulations for Directory Transport Application are the same as set forth in 6.7.1(D)(9) preceding for Transport Application.

9.6 Rates and Charges

The rates and charges are:

	<u>Rates</u>
(A) <u>Directory Assistance Service call, each</u>	\$0.2990
(B) <u>Directory Access Service</u>	
- Directory Access Installation Charge	Charges are the same as those set forth in 6.8.1(B) preceding

(C) <u>Directory Tandem Switched Transport</u>	<u>Rates</u>
<u>Tandem-Switched Directory Transmission</u>	
- Rate per call	\$0.000102(R)
- Rate per call per mile	\$0.000007(R)
<u>Directory Tandem Switching per call</u>	\$0.002193(R)
<u>Tandem Directory Assistance Location Multiplexing</u>	
- Rate per call	\$0.000029(R)
<u>Dedicated Tandem Trunk Port</u>	

Monthly recurring rates for Dedicated Tandem Trunk Ports used for Directory Assistance Access Service are those contained in 6.8.1(c)(5)

(D) <u>Directory Assistance Transport Interconnection Charge</u>	<u>Rates Per Call</u>
(1) Directory Assistance Interconnection Charge	
-Premium	\$0.000000
-Non-Premium	0.000000
(2) Directory Assistance Non-Facilities-Based Interconnection Charge	\$0.000000

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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ACCESS SERVICE

9. Directory Assistance (Cont'd)9.7 Electronic Listing Access Service9.7.1 General

Electronic Listing Access Service (ELAS) allows customers to obtain interstate direct electronic access to the Telephone Company's directory listings without involvement of a Directory Assistance Operator or referencing published white pages.

The ELAS database will provide the customer or the customer's end user with detail for business, residence or government published listings when a search for a name is initiated. To perform a search the user must input at least a last name, locality and area code. Other search parameters based on directory listing information may be available as enhancements to the ELAS system are made. The information provided by the system will include, where available: listing name, listing address, telephone number and ZIP code. The listings will be arranged under business, residential and government categories.

The customer or the customer's end users will not have the capability to make additions, deletions, modifications, or enhancements to the listing information in the ELAS database.

The ELAS database is and shall remain the sole property of the Telephone Company. Customers and customer's end users are permitted to extract listing data to:

- o Verify data in the customers or customer's end users possession.
- o Update lists in the customers or customer's end users possession.
- o Supplement lists in the customers or customer's end users possession.
- o Provide lists compiled in this manner to third parties.

The information provided pursuant to this tariff may not be used to provide intraLATA traditional live or recorded voice Directory Assistance services. The customer will require each end user to comply with the restrictions and requirements of this tariff.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

9. Directory Assistance (Cont'd)9.7 Electronic Listing Access Service (Cont'd)9.7.2 Undertaking of the Telephone Company

- (A) The ELAS database, will provide the listing detail information associated with a search request for all published telephone numbers within the Telephone Company's region, at the rates and charges set forth in 9.7.7. The ELAS system will provide the same published listing information, where available (name, address, community, telephone number and ZIP code), that is contained in the Telephone Company's listing database. This will include listing information of other local exchange companies where agreements for use of listing information have been negotiated.
- (B) The ELAS database will be updated five times per week excluding holidays.
- (C) Non-published listings will not be included in the ELAS database.
- (D) The ELAS database may be accessed through the database host Telephone Company's packet switching network. The database host Telephone Company will provide the circuit connection terminating facilities from the Public Packet Switched Network to the ELAS database. The database host Telephone Company will provide the customer with the Public Packet Switched Network address (Data Telephone Number) and other data communications requirements.

The ELAS database may also be accessed through a dedicated network. The customer must order Special Access Service and/or Public Packet Switched Network Service to the ELAS database.
- (E) The Telephone Company will bill customers on a monthly basis at rates as set forth in 9.7.7 following.

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ACCESS SERVICE

9. Directory Assistance (Cont'd)9.7 Electronic Listing Access Service (Cont'd)9.7.2 Undertaking of the Telephone Company (Cont'd)

- (F) ELAS will provide data without screen formatting characters. The customer must provide the software interface to format the information received from the ELAS database.
- (G) The ELAS system will be available 7 days a week, 24 hours per day. In the event that the ELAS system becomes unavailable, the Telephone Company will devote reasonable efforts to restore system availability. In the event that the ELAS system requires unscheduled maintenance, the Telephone Company will notify the customer as soon as possible of such a requirement. For scheduled maintenance which would result in the ELAS system being unavailable, the Telephone Company will negotiate, to the extent possible, system downtime with its customers.
- (H) Transmission of listing information from the ELAS system to the customer or the customer's end user will be formatted as specified in Technical Reference TR 41454. The Telephone Company will utilize reasonable efforts to meet the performance standards set forth in the above mentioned technical reference.
- (I) The Telephone Company will provide the customer with the following ELAS support.
 - (1) Establishment of initial User ID and will change User ID at customer request within 24 hours.
 - (2) Add and remove users through individual account record maintenance.
 - (3) Maintain files on the ELAS system, including the listing database, tables required to provide service User ID and password files and billing records.
 - (4) Perform regular backup of customer accounting files and the entire ELAS database as necessary.

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ACCESS SERVICE

9. Directory Assistance (Cont'd)9.7 Electronic Listing Access Service (Cont'd)9.7.3 Obligations of the Customer

In addition to the regulations set forth in Section 2 preceding, the customer has certain specific obligations pertaining to the use of the Telephone Company's Electronic Listing Access Service. The obligations of the customer are as follows:

- (A) Because the ELAS database will reside in a database host's telephone company territory, the customer must arrange for connection to the Public Packet Switching Network at the location where the database will reside. Rates and charges associated with these connections will apply in addition to the rates and charges specified for ELAS.
- (B) The customer will be responsible for all contacts and arrangements with its end users concerning the provision and maintenance of ELAS. The customer is also responsible for the billing and collection of charges for ELAS furnished to its end users.
- (C) The data transmitted from the ELAS database does not include screen formatting characters. The customer is responsible for providing the software interface required to format the ELAS information.
- (D) The customer shall order or provide User ID numbers for assignment to its end users to track usage by session for searches made in the ELAS database. The customer shall be liable for all charges incurred by the User IDs assigned to its end users. Notification to deactivate any User ID must be provided to the Telephone Company at least 24 hours prior to such action taking place. The customer is responsible for all usage charges associated with the User ID until its deactivation, not to exceed 24 hours from the time notification to deactivate the User ID is received by the Telephone Company. In the event of unauthorized use of the User ID, the customer is responsible for notifying the Telephone Company. The charges incurred up to the time of notification are the responsibility of the customer.

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ACCESS SERVICE

9. Directory Assistance (Cont'd)9.7 Electronic Listing Access Service (Cont'd)9.7.4 Optional Features

At the option of the customer, a User Detail record is available in conjunction with the ELAS. The User Detail option provides the following information:

- o Customer ID
- o Date
- o NPA (Area Code)
- o Number of Inquiries
- o Number of Screens
- o Connect Time

9.7.5 Credit Allowance

No credit will apply in the event that the number requested is not found or not listed in the Telephone Company's ELAS database.

9.7.6 Rate Regulations

There are two types of charges applicable to ELAS: Nonrecurring and Screen Usage Charges. Additional charges associated with access to the ELAS database via Public Packet Switching or Special Access Service will also apply.

(A) Nonrecurring Charges

Nonrecurring charges are one time charges associated with the establishment of service and the establishment or change of User IDs.

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ACCESS SERVICE

9. Directory Assistance (Cont'd)9.7 Electronic Listing Access Service (Cont'd)9.7.6 Rate Regulations (Cont'd)

(1) Service Establishment Charge

The Service Establishment Charge will be charged at the time the customer orders ELAS and establishes a billing account. The customer will select the methods of access and optional usage reports desired. A customer may establish more than one billing account. The Service Establishment Charge is limited to the ELAS and not for the establishment of network transport facilities. The Service Establishment Charge includes the establishment of one Test User ID for internal testing by the customer. This User ID will be active for 30 days from the Service Establishment date and will not incur any Screen Usage Charges.

(2) User ID Charge

The User ID Charge is incurred with the establishment of each User ID. Customers may request more than one User ID per billing account.

(B) Screen Usage Charges

Screen Usage Charges apply to each screen returned from the ELAS database in response to a directory listing inquiry from the customer or the customer's end user. A screen may contain from 1 to 10 subscriber listings. Screen Usage Charges will not apply to the Test User ID.

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ACCESS SERVICE

9. Directory Assistance (Cont'd)9.7 Electronic Listing Access Service (Cont'd)9.7.7 Rate and Charges

(A)	Service Establishment Charge	\$375.00
(B)	User ID Charges (per User ID)	\$20.00
(C)	Screen Usage Charge (per screen access)	\$0.17

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ACCESS SERVICE

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements10.1 General

This section covers Specialized Services or Arrangements that are provided to a customer for use only by agencies or branches of the Federal Government and other users authorized by the Federal Government. Services provided to state emergency operations centers are included. These services provide for command and control communications, including communications for national security, emergency preparedness and presidential requirements. They are required to assure continuity of Government in emergency and crisis situations and to provide for national security. In addition, this section covers the Telecommunications Service Priority (TSP) System service and procedures as set forth in 10.8.1 (D) since it is administered by the Federal Government.

Services for command and control communications and for national security and emergency preparedness sometimes require short notice and short duration service provisions. These provisions are especially needed to meet presidential requirements or in response to natural, man-made, or declared emergencies. Requirements of this type cannot be forecasted and are usually needed for a relatively short period. The provision of service under these conditions may require the availability of facilities, such as portable microwave equipment, which are provided on a temporary basis by the Telephone Company, customer or end user.

10.2 Emergency Conditions

These services will be provided on the date requested or as soon as possible thereafter when the emergency falls into one of the following categories:

- (A) State of crisis declared by the National Command Authorities (includes commitments made to the National Communications System in the "National Plan for Emergencies and Major Disasters").

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.2 Emergency Conditions (Cont'd)

- (B) Efforts to protect endangered U.S. personnel or property both in the U.S. and abroad. (Includes space vehicle recovery and protection efforts.)
- (C) Communications requirements resulting from hostile action, a major disaster or a major civil disturbance.
- (D) The director (Cabinet level) of a Federal department, Commander of a Unified/Specified Command, or head of a Military department has certified that a communications requirement is so critical to the protection of life and property or to the National Defense that it must be processed immediately.
- (E) Political unrest in foreign countries which affect the national interest.
- (F) Presidential service.

10.3 Intervals to Provide Service

Certain services provided under the provisions of this section of the tariff are provided on an individual case basis. Therefore, orders for such service shall be placed under the Negotiated Internal provisions set forth in 5.2.1 (B) preceding.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.4 Safeguarding of Service10.4.1 Facility Availability

In order to insure communications during periods of emergency, the Telephone Company will, within the limits of good management, make available the necessary facilities to restore service in the event of damage or to provide temporary emergency service as set forth in 10.8.1 (D) and 10.8.2 (D) following.

10.4.2 Utilization of Government Owned Facilities

In order to meet the requirements of agencies or branches of the Federal Government, the Telephone Company may utilize government-owned facilities, when necessary to provide service.

10.5 Federal Government Regulations

In accordance with Federal Government Regulations, all service provided to the Federal Government will be billed in arrears. However, this provision does not apply to other customers that obtain services under the provisions of this tariff to provide their services to the Federal Government.

10.6 Mileage Application

Mileage, when used for rate application in this section of the tariff shall be determined by the V and H Coordinates Method as set forth in NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., WIRE CENTER AND INTERCONNECTION INFORMATION, TARIFF F.C.C. No. 4 and administered as set forth in 7.4.6 preceding.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.7 Moves

When service without a maximum termination liability charge associated with it, as set forth in 10.8.1 and 10.8.2 following is moved to a different building, the nonrecurring charge applies; when moved to a new location in the same building, a charge of one-half the nonrecurring charge applies.

When service with a maximum termination liability charge associated with it, as set forth in 10.8.1 and 10.8.2 following is moved and is reinstalled at a new location, the customer may elect:

- to pay the unexpired portion of the maximum termination liability charge for the service, if any, with the application of a nonrecurring charge and the establishment of a new maximum termination liability charge for such service at the new location, or
- to continue service subject to the unexpired portion of the maximum termination charge, if any, and pay the estimated costs of moving such service, provided that the customer request these charges be quoted prior to ordering the service move. Charges for moving such service will be based on estimated costs attributable to the move.

Move charges include the estimated costs of removal, restoration of service or facilities necessitated by the move, transportation, storage, reinstallation, engineering, labor, supervision, materials, administration, and any other specific items of most directly attributable to the move.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings

The following unique services are provided to a customer for use only by agencies or branches of the Federal Government, other authorized users and state emergency operations centers. The rates and charges for certain services shall be developed on an individual case basis and shall be consistent with the rates and charges for services offered in other sections of this tariff.

10.8.1 Type and Description(A) Voice Grade Special Access Services(1) Voice Grade Secure Communications Type I

Approximate bandwidth of 10-50,000 Hertz.
Furnished for two-point secure communications on two-wire or four-wire metallic facilities between a customer terminal location and an end user's premises. Services are conditioned as follows:

T-3 Conditioning - The absolute loss (referenced to 1 milliwatt) with respect to frequency shall not exceed:

15 dB at 10 Hz
13 dB at 100 Hz
9 dB at 1,000 Hz
20 dB at 10,000 Hz
30 dB at 50,000 Hz

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(A) Voice Grade Special Access Services (Cont'd)(1) Voice Grade Secure Communications Type I (Cont'd)

Additional conditioning (available in one or two directions on four-wire facilities only) to provide the following characteristics:

The absolute loss (referenced to one milliwatt) with respect to frequency shall not exceed:

0 dBat 1,000 Hz
+ 1 dB between 1,000 Hz and 40,000 Hz
+ 2 dB between 10 Hz and 50,000 Hz
(+ means more loss)

The net loss of the conditioned service (with or without additional conditioning) shall not vary by more than four dB at 1,000 Hz from the levels specified above. Voice frequency signaling or supervisory tones can be transmitted.

(2) Voice Grade Secure Communications Type II

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communication between a customer terminal on an end user's premises and an end user's premises. Services are conditioned as follows:

G-1 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same as Voice Grade Secure Communications Type I services without additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(A) Voice Grade Special Access Services (Cont'd)(3) Voice Grade Secure Communications Type III

Approximate bandwidth 10-50,000 Hz.
Furnished on four-wire metallic facilities for duplex operation for two-point secure communications between a customer premises switch and an end user's premises. Services are conditioned as follows:

G-2 Conditioning - The absolute loss with respect to frequency and the net loss variation from the switch to an end user's premises shall be the same as Voice Grade Secure Communications Type I services without additional conditioning; from an end user's premises to the switch shall be the same as Voice Grade Secure Communications Type I services with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

(4) Voice Grade Secure Communications Type IV

Approximate bandwidth 10-50,000 Hz.
Furnished on four-wire metallic facilities for duplex operation for two-point secure communication between two customer premises switches. Services are conditioned as follows:

G-3 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same in both directions of transmission as Voice Grade Secure Communications Type I services with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(B) Wideband Digital Special Access Services

Service arrangements for secured communications to accommodate the transmission of binary digital baseband signals in a random polar format.

(1) Wideband Secure Communications Type I

For transmissions at the rate of 18,750 bits per second.

(2) Wideband Secure Communications Type II

For transmission at the rate of 50,000 bits per second.

(3) Wideband Secure Communications Type III

To accommodate the transmission of restored polar two-level facsimile signals with a minimum signal element width of twenty microseconds at a rate of 50,000 bits per second.

To accommodate the transmission of binary digital baseband signals in a random polar format at the rate of 50,000 bits per second.

(C) Special Routing Access Service

Special Routing Access Service is furnished only to AT&T Communications (AT&T-C) for an agency or branch of the Federal Government. This service provides the customer's end users the ability to originate and terminate calls to or from the customer's premises utilizing a Special Routing Plan.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(C) Special Routing Access Service (Cont'd)

This service is an optional service which operates in conjunction with Trunk Side Premium Access Service furnished to AT&T-C under other provisions of this tariff.

The Telephone Company will record Special Routing Access Service Active Mode Trunk Usage, and will bill the customer in accordance with these records. The hours for each trunk ordered will be summed and then rounded to the nearest hour, except that when the total is less than one hour, one hour will be used to determine the charge.

(D) Telecommunications Service Priority (TSP) System

- (1) Priority installation and/or restoration of National Security Emergency Preparedness (NSEP) telecommunications services shall be provided in accordance with Part 64.401, Appendix A, of the Federal Communications Commission's (FCC's) Rules and Regulations.

In addition, TSP System service shall be provided in accordance with the guidelines set forth in "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook" NCS Handbook 3-1-2 dated December 1, 1989.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(D) Telecommunications Service Priority (TSP) System (Cont'd)

The TSP System is a service, developed to meet the requirements of the Federal Government as denoted in the NSEP Service Vendor Handbook, which provides the regulatory, administrative and operational framework for the priority installation and/or restoration of NSEP telecommunications services. These include Access Line Arrangement, Feature Group A Switched and Special Access Services. The TSP System applies only to NSEP telecommunications services, and requires and authorized priority action by the Telephone Company providing such services.

- (2) TSP service applicability is limited to those access services which the Telephone Company can discretely identify for priority installation and/or restoration.
- (3) Some of the elements required for the TSP System are included in other sections of this tariff as general service offerings. They have been repeated in this section to reflect the complete TSP System with appropriate references to those other sections of the tariff for regulations, rates and charges.
- (4) The customer for TSP System Service also must be the same customer for the Access Service with which it is associated.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(D) Telecommunications Service Priority (TSP) System (Cont'd)

- (5) Under certain conditions it may be necessary to preempt one or more customer services with a lower or no restoration priority in order to install or restore NSEP telecommunications service(s) of a higher priority. If such preemption is necessary, and if circumstances permit, the Telephone Company will make reasonable effort to notify the preempted service customer of the action to be taken. Credit allowance for such service preemption shall be made in accordance with the provisions set forth in 2.4.4(E) preceding concerning Temporary Surrender of a Service.
- (6) The customer, in obtaining TSP System service, acknowledges and consents to the provision of certain customer service record information by the Telephone Company to the Federal Government in order for the Government to maintain and administer its overall TSP System. This customer service record information will include only customer name, TSP Authorization Code, Telephone Company Circuit/Service ID, customer telephone number and customer mailing address.
- (7) When Priority Restoration Maintenance and Administration is discontinued and the associated Access Service is continued in service, no charge applies for such a discontinuance.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(D) Telecommunications Service Priority (TSP) System (Cont'd)

- (8) Credit allowance for service interruption for Priority Restoration Maintenance and Administration shall be the same as for the Access Service with which it is associated as set forth in 2.4.4 preceding.
- (9) Certain activities performed by the Telephone Company in association with the NSEP Service Vendor Handbook are included in the rate elements as follows:
 - (a) Priority Installation Invocation includes System Development, Verification, Confirmation and Preemption.
 - (b) Priority Restoration Level Implementation includes Administration, Maintenance of PR Service, System Development, Verification, Reconciliation, Confirmation and Preemption.
 - (c) Priority Restoration Level Change includes Verification and Confirmation.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(D) Telecommunications Service Priority (TSP) System (Cont'd)

- (10) The customer, in obtaining a Restoration Priority, recognizes that quoting charges and obtaining permission to proceed with the restoration of certain Access Services will cause unnecessary delays.

In subscribing to Restoration Priority service the customer recognizes this condition and grants the Telephone Company the right to quote charges after the restoration has been completed.

- (11) Customers that currently have Restoration Priority (RP) Service, as set forth in 13.3.2 following, will continue to receive priority service for a period up to 30 months during the TSP system phase in. At the end of 30 months from the effective date of this tariff, RP Service will be terminated and customers must submit request for TSP Service in accordance with instruction contained in the NSEP Service Vendor Handbook.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(E) Government Emergency Telecommunications Service (GETS)

- (1) GETS is an emergency telecommunications service available to customers designated by an agency or branch of the Federal Government to transport National Security/Emergency Preparedness (NS/EP) originating and terminating access calls over the Public Switched Network (PSN). GETS uses existing features and services of the PSN with limited NS/EP augmentations and enhancements.
- (2) The 710 Numbering Plan Area (NPA) code will be opened in all areas serviced by the Telephone Company. The 710 NPA call can be carried by the presubscribed inter-exchange carrier (IC) of the line in use or by the IC chosen by the user dialing a carrier access code. The IC designated by the Federal Government to provide GETS must purchase Switched Access Service in order to transport the GETS NS/EP access call. A GETS access minute will be rated as set forth in Section 6.7.6 preceding.
- (3) Priority treatment for GETS traffic will be provide by exemption from restrictive network management control capabilities to aid completion of GETS calls in a congested network. This will provide NS/EP users with improved call completion capabilities over normal PSN users. Network Management service levels as set forth in 6.5.1 preceding, are applicable to a GETS NS/EP access call.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(E) Government Emergency Telecommunications Service (GETS)

- (4) The Telephone Company's 710 NPA code is available at each end office and access tandem. No calls will be handled by the Telephone Company operator, nor will there be information services for the 710 NPA. GETS NS/EP access minutes to a customer's network not designated to provide GETS will be administered by the Company the same as any other access minute. Billing disputes over Switched Access minutes as the result of the GETS NS/EP access call to a non-designated customer's network must be resolved with the appropriate agency or branch of the Federal Government.

(5) Alternate Carrier Routing (ACR) Feature

GETS Alternate Carrier Routing (ACR) is an advanced intelligent network feature and is available where facilities exist in suitably equipped end offices. The GETS ACR feature provides for the routing of the GETS universal access number to a sequence of GETS carriers. GETS ACR allows NS/EP end users to use the public switched network to provide enhanced call completion capability on calls made during times of national emergencies or disasters. GETS ACR provides alternate route capability on calls originated from lines served by end offices equipped with the GETS ACR feature to the GETS universal access number. When the presubscribed carrier is a participating GETS carrier, GETS ACR enables calls first to be routed for completion to the presubscribed carrier of the originating line. When the presubscribed carrier is not a participating GETS carrier, then an office selection table (Ranking Table) determines the GETS carrier. The Ranking Table contains three alternatives for a GETS carrier and is preselected on a per end office basis using data provided by the Federal Government or its integration contractor.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(E) Government Emergency Telecommunications Service (GETS)
(Cont'd)(5) Alternate Carrier Routing (ACR) Feature (Cont'd)(A) Calling Party Number (CPN) Overlay Feature

Where technically feasible and facilities permit, the GETS Calling Party Number (CPN) Overlay feature is included with GETS ACR in suitably equipped GETS ACR and offices. The Federal Government or its integration contractor will determine the unique GETS CPN. The GETS CPN Overlay feature allows the network CPN information to be changed from the value of the actual calling party to a unique GETS number for all GETS ACR calls. The unique GETS CPN, not the actual calling party, is passed to the participating GETS carrier.

(B) Reports

There are two monthly reports available with GETS: Call Data Report and Service Control Point (SCP) Data Report.

(1) Call Data Report

The Call Data Report provides call detail associated with GETS ACR usage. The Call Data Report is populated using data from recordings of GETS calls.

(2) Service Control Point (SCP) Data Report

The SCP Data Report tabulates a count of the GETS carrier selection order list sent to the GETS ACR end offices for GETS calls that were processed. The report provides an aggregated total of each of the call categories by end office.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(E) Government Emergency Telecommunications Service (GETS)
(Cont'd)(5) Alternate Carrier Routing (ACR) Feature (Cont'd)(C) Rate Elements(1) Nonrecurring Charges(a) GETS ACR Development Charge -
Initial

A nonrecurring charge that applies to initial requests to recover the overall development of GETS ACR.

(b) GETS ACR Feature

A nonrecurring charge that applies per GETS ACR end office for the activation or deactivation of the GETS ACR Feature.

(c) GETS ACR Ranking Table Updates

A nonrecurring charge that applies per database update to modify the GETS ACR Ranking Table.

(2) Monthly Rates(a) GETS ACR Feature

A monthly recurring charge per end office.

(b) GETS ACR Call Data Report

A monthly recurring charge for the production and distribution of the Call Data Report.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(E) Government Emergency Telecommunications Service (GETS)
(Cont'd)(5) Alternate Carrier Routing (ACR) Feature (Cont'd)(C) Rate Elements (Cont'd)(2) Monthly Rates (Cont'd)(c) GETS ACR Service Control Point
(SCP)Data Report

A monthly recurring charge for the production and distribution of the SCP Data Report.

(6) High Probability of Connection (HPC) Feature(A) Description of Service

GETS HPC distinguishes the priority assigned to the call setup message in the Signaling System 7 (SS7) network. Setup messages associated with calls to 1-710-NCS-GETS would be sent with the highest priority. GETS HPC provides a trunk queuing feature in equipped switches which is invoked any time an Interexchange Carrier (IC) trunk group is busy. The queuing would only be applied to GETS calls and allows GETS users to dial an emergency call one time without having to redial. The call will automatically complete when the first available trunk becomes idle.

(B) GETS HPC Service Features(1) GETS Call Recognition

This feature provides the capability to recognize originating GETS calls from an administratable screen on the called number. The screen will be set on 710 on all switches and on four 800/888 numbers which provide access to GETS on specified switches only. A call recognized as a GETS call is said to be an HPC marked call.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(E) Government Emergency Telecommunications Service (GETS)
(Cont'd)(6) High Probability of Connection (HPC) (Cont'd)(B) GETS HPC Service Features (Cont'd)(2) Trunk Group Queuing (TQ)

This feature provides the capability to queue HPC marked calls to specific trunk groups within the routing chain. Only HPC marked calls are allowed to queue.

(3) Exemption From Network Management Controls (EX-MNMCs)

This feature provides HPC marked calls exemption from restrictive Network Management Controls.

(C) Reports

Operational Measurement (OM) Report

The Operational Measurement (OM) report provides periodic implementation status updates and ongoing service verification. The data format is in the form of a series of time stamped OM registers for each of the HPC equipped switches.

(D) GETS HPC Rate Elements(1) Nonrecurring Charges(a) GETS HPC Development Charge

A nonrecurring charge that applies to initial requests to recover the overall development of GETS HPC.

(b) GETS HPC Feature

A nonrecurring charge that applies GETS HPC end office for the activation or deactivation of the GETS HPC features.

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ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(F) Government Emergency Telecommunications Service (GETS)
(Cont'd)(6) High Probability of Connection (HPC) (Cont'd)(D) GETS HPC Rate Elements (Cont'd)(1) Nonrecurring Charges (Cont'd)(c) GETS HPC Operational Measurement (OM)
Report

A nonrecurring charge for HPC reports that provide specific data reflecting call progress per switch. The data format shall take the form of a series of time stamped OM registers associated with a switch Identifier.

(d) GETS HPC Remote Service Verification
Program (RSVP)

A nonrecurring charge per switch for the initial establishment and any configuration change to RSVP numbers, such as PIC change or reorigination number.

(e) GETS HPC Service Change Charge

A nonrecurring charge per switch for GETS service configuration changes or disconnection. Includes HPC feature changes to the numbers provisioned to set HPC and Trunk Queuing parameters. The charge shall be independent of the number of activities included in an individual switch change request.

(2) Recurring Charges(a) GETS HPC Feature

A monthly recurring charge that applies per HPC end office for the activation or deactivation of the GETS HPC features.

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ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(F) Government Emergency Telecommunications Service (GETS)
(Cont'd)(6) High Probability of Connection (HPC) (Cont'd)(D) GETS HPC Rate Elements (Cont'd)(2) Recurring Charges (Cont'd)(b) GETS HPC Operational Measurement (OM)
Report

A monthly recurring charge associated with the provisioning of Operational Measurement reports that provide specific data reflecting call progress in HPC configured switches.

(c) GETS HPC Remote Service Verification
Program Charge (RSVP)

A monthly recurring charge per switch associated with the provisioning of RSVP. Any interexchange carrier charges related to the interstate PIC, as billed by the interexchange carrier are also applicable.

(7) GETS Egress Queuing (EQ)(A) Description of Service

GETS EQ is a switch-based feature that provides priority call processing to calls designated as HPC that are terminating on a designated PBX trunk group. GETS EQ extends the functionality the existing GETS HPC feature to include two way and Primary Rate ISDN which connect a DMS to a PBX.

This feature is available on DMS100 switches with release NA012.

(N)

(N)

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ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)

(N)

10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(F) Government Emergency Telecommunications Service
(GETS) (Cont'd)(7) GETS Egress Queuing (EQ)(B) GETS EQ Rate Elements(1) Nonrecurring Charges(a) GETS EQ Service Preparation Charge

Nonrecurring charge for GETS EQ that will be charged for the initial service preparation.

(b) GETS EQ Charge Per Switch

Nonrecurring charge per switch for initial upgrades that will be charged for activation of the EQ feature in the DMS100 switches.

(2) Recurring ChargesGETS EQ Recurring Charge Per Switch

A monthly recurring charge that will be charged per switch for the GETS EQ Feature.

(N)

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ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)

(N)

10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(F) Government Emergency Telecommunications Service (GETS)
(Cont'd)(8) GETS Office Wide Queuing (OWQ)(A) Description of Service

GETS OWQ is a switch-based feature that provides priority call processing to calls designated as HPC. GETS OWQ enhances the queuing of HPC calls on supported public trunk group types. GETS OWQ extends the functionality of the existing GETS HPC feature on an office wide basis. GETS OWQ will be activated only in the Central Offices with the required generic to support the OWQ feature.

This feature is available on switches with release (i.e., software) NA015, 5E15, and 19.

(B) GETS OWQ Rate Elements(1) Nonrecurring Charges(a) GETS OWQ Service Preparation Charge

Nonrecurring charge for GETS OWQ that will be charged for the initial service preparation.

(b) GETS OWQ Charge Per Switch

Nonrecurring charge per switch for initial translation that will be charged for activation of the OWQ feature in the switches.

(2) Recurring ChargesGETS OWQ Recurring Charge Per Switch

A monthly recurring charge that will be charged per switch for the GETS OWQ Feature.

(N)

(This page filed under Transmittal No. 96)

ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(G) SBC Federal Access Solutions Transport(FAST)Program(1) General Description

This section contains regulations, rates and charges applicable to the provision of SBC FAST Program to any customer awarded a contract to provide telecommunications services for the exclusive use of the Federal Government, Agencies of the Federal Government, or authorized agents of the Federal Governments. The SBC FAST Program will allow each of the Federal Government's authorized contractors providing network services under contract to obtain discounted rates for specified services in return for certain term commitments for dedicated Special Access connections to government locations.

(2) Services Available Under SBC FAST Program

SBC FAST Program is provided as a monthly service arrangements with a 3 year service period for the following Services listed below:

Service	General/Basic Description
High Capacity Service	7.11.1
GigaMAN	7.13.1
MON Ring	8.1
Optical Carrier Network (OCN Point to Point Service)	21.1

(N)

(N)

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ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Types and Descriptions (Cont'd)(G) SBC Federal Access Solutions Transport (FAST) Program
(Cont'd)(3) Limitations

- (a) For Services ordered under SBC FAST Program, the following charges will be waived for new installations:

(N)
(N)

- (1) DS1 Channel Termination Nonrecurring Charge
(2) DS3 Channel Termination Nonrecurring Charge

For DS1 or DS3 physical moves described in Section 10.8.1(G)(4)(d), the DS1 and DS3 Nonrecurring charges listed in Section 7 or Section 22 will apply at 3 year term plan rates.

(N)
|
(N)

- (b) When a rate element is ordered under the SBC FAST Program, that rate element may not be used for non-SBC FAST Program services. There is one exception to this limitation, which is, lower speed non-FAST Program services may occupy a channel of a SBC FAST Program DS1 service as long as the lower speed service is being provided to an SBC FAST Program eligible customer. Rate elements not included in this plan as specified in rate Section 10.8.2(F) are not available under SBC FAST Program and must be purchased from the appropriate tariff section.

(N)
|
(N)

- (c) During the term of the selected SBC FAST Program, telephone Company initiated recurring rate charges (increases or decrease) will automatically be applied to the monthly charges for the remaining months of the current SBC FAST Program term.

- (d) The monthly recurring rate during the SBC FAST Program term will never exceed the rate in effect at the beginning of the customer SBC FAST Program term.

- (e) The SBC FAST Program cannot be combined any other tariffed services, discounts, or pricing flexibility contracts, unless explicitly stated in the respective tariff terms and conditions.

- (f) Services receiving term discounts under this plan are excluded from any application of Shared Use provisions in Section 7.2.7 preceding.

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ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)

(N)

10.8 Service Descriptions (Cont'd)10.8.1 Type and Description (Cont'd)(G) SBC Federal Access Solutions Transport (FAST) Program (Cont'd)(4) Terms and Conditions(a) Conversions of existing SBC FAST Program services to a different SBC FAST Program term

At any time prior to the expiration of the SBC FAST Program term, if the SBC FAST Program has not been grandfathered, a conversion may be made to a new 3-year SBC FAST Program term. The SBC FAST Program term must occur between the same two termination points as the original service being converted and will become effective upon completion of the conversion activity. The rates, terms, and conditions applicable for the new 3-year SBC FAST Program term will be those in effect at the time the conversion is completed.

(N)

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10. Federal Government Specialized Services or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(G) SBC Federal Access Solutions Transport (FAST) Program (Cont'd)(4) Terms and Conditions (Cont'd)(b) Upgrading an existing SBC FAST Program to a Higher Speed Service (Z)

At any time during the SBC FAST Program term, service may be upgraded to a higher speed service. The new higher speed service must occur between the same two termination points as the original service being upgraded. The new higher speed service must be on a new term contract that has an expiration date beyond the expiration date of the SBC FAST Program term being terminated. The rates, terms, and conditions applicable for the new contract term of the higher speed service will be those in effect at the time the conversion is completed. Nonrecurring installation charges associated with the higher speed service are applicable.

(c) Conversions from existing Month-to-Month Upgrades (Z)

Customers may convert from existing month-to-month service to a new 3-year SBC FAST Program term. If physical changes occur, the activity would be classified as a termination of the month-to-month service and installation of a new 3-year SBC FAST Program term. Customer will be responsible for all nonrecurring installation charges associated with the new SBC FAST Program term.

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ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(G) SBC Federal Access Solutions Transport (FAST) Program (Cont'd)(4) Terms and Conditions (Cont'd)(d) DS1 or DS3 Moves

During a SBC FAST Program term a customer may move one end of a DS1 or DS3 SBC FAST Program Service to another location in the same LATA and keep the DS1 or DS3 SBC FAST Program in force provided the following requirements are met:

- (1) The minimum in-service period at the previous location must have been met. The new location will be subject to a new minimum in-service period;
- (2) The move is accommodated on a single customer order with the stipulation that the Billing Account Number (BAN)), the Network Channel Code NC), Access Customer Terminal Location (ACTL) and the Circuit Id (ECCKT) are provided and are the same as for the existing circuit being moved. Moves to a different wire center may result in change in the application of the rate element associated with the service and therefore could result in a change in the monthly recurring charges.

If no lapse in service occurs and if the requirements in (1) and (2) as stated previously are met, termination liability will not apply. Nonrecurring Charges for the physical move will apply.

(N)

(N)

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ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(G) SBC Federal Access Solutions Transport (FAST)
Program (Cont'd)(5) Termination Liability

When an SBC FAST customer's disconnection is governed by the Federal Acquisition Regulations, then the termination provisions found in the Federal Acquisition Regulations apply.

When SBC FAST customer's disconnection is not governed by the termination provisions of the Federal Acquisition Regulations, a termination charge will be calculated as follows:

(Monthly Recurring SBC FAST rate) X (number of net terminated FAST circuits subject to Termination Charges) X (months remaining in SBC FAST term) X (50.00%).

Example: An agent of the Federal Government disconnects one SBC FAST DS1 in month 30 of the 36 month term. The monthly recurring charge for the DS1 is \$300.00. The reason for the disconnection is the Agent is going to use another company's facilities to provide the Federal Government with service. Termination liability charges will be calculated as follows:
 $\$300.00 \times 1 \times 6 \text{ mos.} \times .50 = \$900.00$

(6) Expiration of SBC FAST Program

The SBC FAST Program term is not available for renewal. At the expiration of the SBC FAST Program term, the customer may select a new SBC FAST Program term at the prevailing SBC Program rates. If the customer does not wish to purchase a new SBC FAST Program term at the expiration of the term, the customer's service will automatically convert to the current month-to-month or monthly extension rates found in the appropriate tariff section.

(N)

(N)

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges(A) Voice Grade Special Access Service

The provision of T-3 and G conditioned services contemplates station and tandem switching operations, using customer or end user provided equipment, as well as Special Access Service. Separate narrowband or voice grade services, where required by the customer or end user provided equipment or switching operation, are furnished in accordance with the applicable sections of this tariff.

<u>Voice Grade Secure Communications</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Non-recurring Charges</u>	<u>Termination Charges</u>
Type I, each T-3 Conditioning,	GCA++	ICB rates and charges apply		
Additional Conditioning, per service termination	GT0++	ICB rates and charges apply		
Type II, each G-1 Conditioning,	GCB++	ICB rates and charges apply		
Type III, each G-2 Conditioning,	GCC++	ICB rates and charges apply		
Additional Conditioning, per service termination	G20++	ICB rates and charges apply		

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(A) Voice Grade Special Access Service (Cont'd)

<u>Voice Grade Secure Communications</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Non-recurring Charges</u>	<u>Termination Charges</u>
Type IV, each G-3 Conditioning, GCD++		ICB rates and charges apply		
Additional Conditioning, per service termination	G30++	ICB rates and charges apply		

(B) Wideband Digital Special Access Service

<u>Voice Grade Secure Communications</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Non-recurring Charges</u>	<u>Termination Charges</u>
Type I, each	GW1++	ICB rates and charges apply		
Type II, each	GW2++	ICB rates and charges apply		
Type III, each	GW3++	ICB rates and charges apply		

(C) Special Routing Access Service

The following rates and charges are in addition to all other rates and charges that may be applicable for other services that may be furnished under the provisions of this tariff to operate in conjunction with this service:

	<u>USOC</u>	<u>Rates</u>	<u>Nonrecurring Charges</u>
(1) Special Routing Access Service Special Routing Plan Setup, per Switching System	GIB	-	\$675.00

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(C) Special Routing Access Service (Cont'd)

	<u>USOC</u>	<u>Rates</u>	<u>Nonrecurring Charges</u>
(2) Special Routing Access Service Trunk Group Reconfiguration, per trunk	GIDAA/GID++	ICB rates and charges apply	
(3) Special Routing Access Service Trunk Group Setup, per End Office or Tandem Office Switching System, per occurrence			
- Customer Selection	GISAA/G1S++	ICB rates and charges apply	
(4) Special Routing Access Service Mode Selection (Active or Deactive), per Switching System, per occurrence	G1E	—	\$521.00
(5) Special Routing Access Service Trunk Usage, when in an active mode, per trunk, per hour	G1T	\$4.64*	—

* This rate is in addition to Trunk Side Premium Access Service rates, as set forth in 6. preceding, that apply on an ongoing basis regardless of the mode selected as set forth in (4) preceding.

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10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(C) Special Routing Access Service (Cont'd)

	<u>USOC</u>	<u>Rates</u>	<u>Nonrecurring Charges</u>
(6) Special Routing Access Service Maintenance and Administration per Switching System, per month	G1M	\$6.32	-
(7) Special Routing Access Billing and Collection Services			
- Billing and Collection Services	*	*	*

* The rates and charges are those set forth by Nevada Bell under contract for Billing and Collection Services.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(D) Telecommunications Service Priority (TSP) System

The following rates and charges are in addition to all other rates and charges that may be applicable for other services that may be furnished under the provisions of this tariff which operate in conjunction with the TSP System. This includes, but is not limited to, Maintenance of Service as set forth in 13.3.1 following.

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(1) Priority Installation (PI) of an Access Service - Invocation includes System Development, Verification, Confirmation Preemption			
Prime Service			
Vendor	P1APC*	—	\$50.00
Subcontractor	P1ASC*	—	\$50.00
(a) Expedited (Emergency or Essential)		Regulations, rates and charges are the same as those set forth in 5.2.2(D) preceding for the Switched or Special Access Service for which PI is required.	

* When an Access Service is ordered with both PI and PR, the associated nonrecurring charge for PR applies.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(D) Telecommunications Service Priority (TSP) System
(Cont'd)

	USOC	Monthly Nonrecurring Rates Charges	
(b) Utilizing Specially Constructed Facilities	Regulations, rates and charges are the same as those set forth in Pacific Bell Telephone Company's Tariff F.C.C. No. 2 for Special Construction of the facilities for Switched or Special Access Service for which PI is required.	(T) (T)	
(2) Priority Restoration (PR) Level Implementation on an Access Service			
(a) When PR level is implemented - include Administrative and Maintenance of PR Service, System Development, Reconciliation, Confirmation, Verification and Preemption			

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(D) Telecommunications Service Priority (TSP) System
(Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
Prime Service			
Vendor	PR5PC*	\$5.00	\$345.00
Subcontractor	PR5SC*	\$5.00	\$345.00
(b) When PR level is changed on an associated working Access Service			
Prime Service			
Vendor	PR8PC		\$30.00
Subcontractor	PR8SC		\$30.00

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ACCESS SERVICE

10. Federal Government Specialized Access Service or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(E) Government Emergency Telecommunications Service (GETS)

	<u>USOC</u>	<u>MONTHLY RATES</u>	<u>USOC</u>	<u>NONRECURRING CHARGES</u>	(T)
(1) GETS ACR Development Charge - Initial		None		\$ 68,040.00	
(2) GETS ACR Feature Per End Office	ARFPE	\$55.00	NRBGU	\$ 1,290.00	(T)
(3) GETS ACR Ranking Table Updates	NRFGA	None		\$ 70.00	(T)
(4) GETS ACR Call Data Report	ARFCD	\$ 5.00		None	(T)
(5) GETS ACR SCP Data Report	ARFSC	\$ 5.00		None	(T)
(6) GETS HPC Development Charge - Initial		None		\$2,141,295.00	
(7) GETS HPC Features Per end office	GHPAB	\$5.00		\$958.00	(T)
(8) GETS HPC OM Reports	GHPAC	\$1,874.00		\$106,509.00	(T)
(9) GETS HPC Remote Service Verification Program Charge	NRFGC	\$3.00		\$6.00	(T)
(10) GETS HPC Service Change Charge	NRFGB	None		\$150.00	(T)
(11) GETS EQ Service Preparation Charge	NRMEX	None		\$3,122.61	(T)
(12) GETS EQ Charge Per Switch	ARFEQ	None		\$50.00	(T)
(13) GETS EQ Recurring Charge Per Switch	ARFEQ	\$5.00		None	(T)

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ACCESS SERVICE

10. Federal Government Specialized Access Service or Arrangements (Cont'd)

(N)

10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(E) Government Emergency Telecommunications Service (GETS)
(Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(14) GETS OWQ Service Preparation Charge	NRFGD		\$130,000.00
(15) GETS OWQ Charge Per Switch	GHPAE		\$250.00
(16) GETS OWQ Recurring Charge Per Switch	GHPAE	\$5.00	

(N)

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ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(F) SBC Federal Access Solutions Transport (FAST) Program

(A)High Capacity DS1 Service	USOC	3 Year
Channel Termination-per point of Termination 1.544 Mbps	TMECS	\$ 105.00
Channel Mileage Termination-per Termination	1L5XX	35.00
Channel Mileage Facility-Per Mile-1.544 Mbps	1L5XX	8.50
DS1 Central Office Multiplexing DS1 to Voice/Data	MQ1	200.00
High Capacity DS3 Service		
Channel Termination-per Point of Termination 44.736 Mbps	Z3MAC	800.00
Channel Mileage Termination-per Termination-44.736 Mbps	1L5XX	335.00
Channel Mileage Facility-per Mile-44.736 Mbps	1L5XX	35.00
DS3 Central Office Multiplexing	MQ3	400.00

(T)

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ACCESS SERVICE

10. Federal Government Specialized Service Arrangements (Cont'd)

(N)

10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(F) SBC Federal Access Solution Transport (FAST) Program (Cont'd)

(B)Gigabit Ethernet Metropolitan Area Network (GigaMAN)	USOC	3 Year
Local Distribution Channel-per Point of Termination-1gbps	TMECS	\$ 2,500.00
Interoffice Transport Mileage-fixed	1L5XX	100.00
Interoffice Transport Mileage-per Mile	1L5XX	75.00
Repeater-each	VU4	850.00
Diversity Options-		
Local Channel Diversity-per Channel Terminating Bit Rate-1 gbps	CPALX	625.00
Inter Wire Center Diversity-per Channel Terminating Bit Rate	CPATX	375.00
Alternate Wire Center Diversity-per Channel Termination Bit Rate-1 gbps	CPAAX	1,075.00
For GigaMAN Installation and Rearrangement Charge Rates, Sections 7 and 22 are applicable		

(N)

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ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(F) SBC Federal Access Solutions Transport (FAST) Program (Cont'd)

(C)Multi-service Optical Network (MON) Ring Service	USOC	3 Year
Customer Premise Node (incl. 1st shelf)	F2ND1	\$ 6,240.00
Customer Premise Node (per subsequent shelf)	F2NDS	4,680.00
Central Office Node (incl. 1st shelf)	F2NC1	6,240.00
Central Office Node (incl. subsequent shelf)	F2NCS	4,680.00
Channel Mileage-per Mile (two mile minimum)	1YAZX	260.00
Optical Amplifier		
-C Band (per location)	67QXX	3,600.00
-L Band (per location)	67QSX	3,600.00
Regenerator (as required)		
-up to 2.5 Gbps (per shelf)	V8RXX	5,000.00
-up to 10 Gbps (per circuit)	V8R2C	10,000.00
Bulk Power		
-per first shelf (for shelves 1 thru 4)	CBVDX	1,600.00
-per fifth subsequent shelf (for shelves 5 thru 8)	CBVDS	1,300.00

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ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)

(N)

10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(F) SBC Federal Access Solutions Transport (FAST) Program (Cont'd)

(C)Multi-service Optical Network (MON) Ring Service (Cont'd)		
PORTS-per port/per circuit terminating location	USOC	3 Year
(1)ETR ^{/1/™} -unprotected channel	POYKW	\$ 750.00
(2)FICOM ^{/1/™} (1.0625 Gbps)		
-unprotected	POYMW	750.00
-protected	POYMP	1,500.00
(3)FICON ^{/1/™} (2.125 Gbps)		
-unprotected	POYWW	1,300.00
-protected	POYWP	2,600.00
(4)ISC ^{/1/™} -unprotected channel	POYJW	1,250.00
(5)Fibre Channel (1.0625 Gbps)		
-unprotected	POYNW	900.00
-protected	POYNP	1,800.00
(6)Fibre Channel (2.125 Gbps)		
-unprotected	POYYW	1,300.00
-protected	POYYP	2,600.00
(7)Gigabit Ethernet		
-unprotected	POYLW	900.00
-protected	POYLP	1,800.00
(8) 10 Gigabit Ethernet (WAH-PHY)		
-unprotected	POYTW	12,500.00
-protected	POYTP	16,700.00
(9)10 Gigabit Ethernet (LAN-PHY)		
-unprotected	POYUW	12,815.00
-protected	POYUP	17,120.00
(10)SONET OC-12/OC-12		
-unprotected	POYFW	1,000.00
-protected	POYFP	2,000.00
(11)SONET OC-48/48C		
-unprotected	POYGW	3,700.00
-protected	POYGP	5,560.00
(12)SONET OC-192/OC-192		
-unprotected	POYOW	12,500.00
-protected	POYOP	16,700.00
(13)Sub-Rate System		
-unprotected	POYSW	1,000.00
-protected	POYSP	2,000.00

(N)

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ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(F) SBC Federal Access Solutions Transport (FAST) Program (Cont'd)

(C)Multi-service Optical Network (MON) Ring Service (Cont'd)	USOC	3 Year
PORTS-per port/per circuit terminating location		
(14)SONET OC-3/OC-3 ⁽³⁾		
-unprotected	POYEW	100.00
-protected	POYEP	100.00
(15)ESCON ^{TM(1)}		
-unprotected	POYHW	100.00
-protected	POYHP	100.00
(16)Fast Ethernet ⁽¹⁾		
-unprotected	POYCW	250.00
-protected	POYCP	400.00
(17)D1 Video ⁽¹⁾		
-unprotected	POYVW	100.00
-protected	POYVP	100.00
(18)GigE/FC/FICON ^{TM/1/} Sub-Rate Sytem		
-unprotected	POY1W	700.00
-protected	POY1P	1,400.00
(19)GigE Riding Circuit ⁽²⁾		
-unprotected	POY4W	400.00
-protected	POY4P	800.00
(20)Fibre Channel Riding Circuit ⁽²⁾		
-unprotected channel	POY6W	400.00
-protected channel	POY6P	800.00
(21)FICON ^{TM/1/} Riding Circuit ⁽²⁾		
-unprotected channel	POY7W	320.00
-protected channel	POY7P	640.00
(22)ESCON ^{TM/1/} Sub-Rate System		
-unprotected channel	POY2W	1,125.00
-protected channel	POY2P	2,250.00
(23)OC-3/OC-12 Sub-Rate System		
-unprotected	POY3W	750.00
-protected	POY3P	1,500.00
(24)OC-12 Riding Circuit ⁽³⁾		
-unprotected	POY5W	375.00
-protected	POY5P	750.00
For MON Ring Service Nonrecurring Charges, rates in Sections 21 and 22 are applicable		

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(1)Available only when ordered with Sub-Rate System or ESCONTM Sub-Rate System

(2)Available only when ordered with Gig/FC/FICONTM Sub-Rate System

(3)Available only when ordered with Sub-Rate System or OC-3/OC-12 Sub-Rate System

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(N)

(N)

ACCESS SERVICE

10. Federal Government Specialized Services or Arrangements (Cont'd)

(N)

10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(F) SBC Federal Access Solutions Transport (FAST) Program (Cont'd)

(D) Optical Carrier Network (OCN) Point-to-Point Service		
OC-3 Point-to-Point Service		
(1) Local Distribution Channel		
- per point of termination	TMECS	\$ 1,050.00
(2) Interoffice Transport - Mileage		
- per mile	1L5XX	200.00
- Fixed	1L5XX	750.00
(3) Optional Features & Functions		
(a) OC-3 Add/Drop Multiplexing		
- per arrangement	MPECX	775.00
(b) Add/Drop Function		
- per DS3	MXJBX	120.00
- per DS1	MXJAX	50.00
(c) 1 + 1 Protection		
- per OC3/OC3 LDC	P8T	57.00
(d) 1 + 1 Protection with Cable Survivability		
- per OC3/OC3 LDC	P3S	57.00
(e) 1 + 1 Protection with Route Survivability		
(1) - per OC3/OC3 LDC	P8T	Apply Rates as P8T Above Plus (2) below
(2) - per Quarter Route Mile	S2DXY	48.50
OC-12 Point-to-Point Service		
(1) Local Distribution Channel		
- per point of termination	TMECS	2,470.00
(2) Interoffice Transport - Mileage		
- per mile	1L5XX	200.00
- Fixed	1L5XX	1,100.00
(3) Optional Features & Functions		
(a) OC-12 Add/Drop Multiplexing		
- per arrangement	MPEDX	1,925.00
(b) Add/Drop Function		
- per DS3	MXJBX	120.00
- per OC3	MXJCX	150.00
(c) 1 + 1 Protection		
- per OC12/OC12 LDC	P8T	250.00
(d) 1 + 1 Protection with Cable Survivability		
- per OC12/OC12 LDC	P3S	250.00
(e) 1 + 1 Protection with Route Survivability		
(1) - per OC12/OC12 Channel	P8T	Apply Rates as P8T Above Plus (2) below
(2) - per Quarter Route Mile	S2DXY	51.00
OCN Point-to-Point Nonrecurring Charges are listed in Section 21 and Section 22.		

(N)

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ACCESS SERVICE

(N)

10. Federal Government Specialized Services or Arrangements (Cont'd)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(F) SBC Federal Access Solutions Transport (FAST) Program (Cont'd)

(D) Optical Carrier Network (OCN) Point-to-Point Service		
OC-48 Point-to-Point Service		
(1) Local Distribution Channel		
- per point of termination	TMECS	\$ 4,600.00
(2) Interoffice Transport - Mileage		
- per mile	1L5XX	200.00
- Fixed	1L5XX	2,660.00
(3) Optional Features & Functions		
(a) OC-48 Add/Drop Multiplexing		
- per arrangement	MXRFX	3,700.00
(b) Add/Drop Function		
- per DS3	MXJBX	120.00
- per OC3	MXJCX	150.00
- per OC12	MXJEX	375.00
(c) 1 + 1 Protection		
- per OC48/OC48 LDC	P8T	1,175.00
(d) 1 + 1 Protection with Cable Survivability		
- per OC48/OC48 LDC	P3S	1,175.00
(e) 1 + 1 Protection with Route Survivability		
(1) - per OC48/OC48 LDC	P8T	Apply Rates as P8T Above Plus (2) below
(2) - per Quarter Route Mile	S2DXY	60.00
(f) Point-to-Point Regenerator	RGY48	5,280.00
OC-192 Point-to-Point Service		
(1) Local Distribution Channel		
- per point of termination	TMECS	16,800.00
(2) Interoffice Transport - Mileage		
- per mile	1L5XX	300.00
- Fixed	1L5XX	13,000.00
(3) Optional Features & Functions		
(a) OC-192 Add/Drop Multiplexing		
- per arrangement	MXRGX	8,685.00
(b) Add/Drop Function		
- per OC3	MXJCX	150.00
- per OC12	MXJEX	375.00
- per OC48	MXJFX	900.00
(c) 1 + 1 Protection		
- per OC192/OC192 LDC	P8T	2,700.00
(d) 1 + 1 Protection with Cable Survivability		
- per OC192/OC192LDC	P3S	2,700.00
(e) 1 + 1 Protection with Route Survivability		
(1) - per OC192 LDC	P8T	Apply Rates as P8T Above Plus (2) below
(2) - per Quarter Route Mile	S2DXY	150.00
(f) Point-to-Point OC192 Regenerator	RGY	11,000.00
OCN Point-to-Point Nonrecurring Charges are listed in Sections 21 and 22.		

(N)

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ACCESS SERVICE

11. Special Facilities Routing of Access Services11.1 Description of Special Facilities Routing of Access Services

The services provided under this tariff are provided over such routes and facilities as the Telephone Company may elect. Special Facilities Routing is involved, when, in order to comply with requirements specified by the customer, the Telephone Company provides Switched Access Service, Special Access Service or Special Federal Government Access Service in a manner which includes one or more of the following conditions:

11.1.1 Diversity

Two or more services must be provided over not more than two different physical routes.

11.1.2 Avoidance

A service must be provided on a route which avoids specified geographical locations.

11.1.3 Cable-Only Facilities

Certain Voice Grade services are provided on Cable-Only Facilities to meet the particular needs of a customer.

Service is provided subject to the availability of Cable-Only facilities. In the event of service failure, restoration will be made through the use of any available facilities as selected by the Telephone Company.

Avoidance and Diversity are available on Switched Access Service as set forth in 6. preceding; Narrowband, Voice Grade, Wideband Analog, and High Capacity Special Access Services as set forth in 7.2.1(A), 7.2.2, 7.2.6, and 7.2.9 preceding and Special Federal Government Access Services as set forth in 10.8 preceding. Cable-Only Facilities are available for Switched Access Service as set forth in 6. preceding; Voice Grade Special Access Services as set forth in 7.2.2 preceding and Special Federal Government Access Services as set forth in 10.8 preceding.

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ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)11.1 Description of Special Facilities Routing of Access Services (Cont'd)

In order to avoid the compromise of special routing information, the Telephone Company will provide the required routing information for each specially routed service to only the ordering customer. If requested by the customer, this information will be provided when service is installed and prior to any subsequent changes in routing.

The offering of Special Facilities Routing of Access Services contemplates the use of existing facilities. Should facilities not be available, it may be necessary to construct such facilities, either as (1) normal or (2) Special Construction. If Special Construction is involved, the regulations, as set in the Pacific Bell Telephone Company's Tariff F.C.C. No. 2, apply. However, the applicable rates and charges shall be filed in this section of this tariff, not the Special Construction tariff. In either case of (1) or (2) preceding, the rates and charges for administration and any other specific items of cost directly attributable to the provision of this service shall be filed in this section also. (T)

The rates and charges for Special Facilities Routing of Access Services as set forth in 11.2 following are in addition to all other rates and charges that may be applicable for services provided under other sections of this tariff.

11.2 Rates and Charges for Special Facilities Routing of Access Service

The rates and charges for Special Facilities Routing of Access Services are as follows:

11.2.1 Diversity

For each service provided in accordance with 11.1.1 preceding, the rates and charges will be developed on an individual case basis and filed following:

USOC

SYD

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ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)11.2.1 Diversity (Cont'd)Case No.

93-1 AT&T Communications

To provide route diversity for 1 DS-3 High Capacity Digital service between AT&T's Serving Wire Center RENONV02 and the Nevada Bell STEDNV11 central office.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	<u>USOC</u>
DS-3 Diversity	\$148.29	None	SYDAM

Case No.

93-3 MCI Telecommunications Corporation

To provide loop diversity for one DS1 High Capacity Digital Data circuit from RENONV13 to MCI's POP located at 200 South Virginia Street in Reno, Nevada.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	<u>USOC</u>
Alternate SWC per DS1	\$233.70	None	SYDAQ

Case No.

93-4 MCI Telecommunications Corporation

To provide loop diversity for one DS1 High Capacity Digital Data circuit from RENONV13 to the end user's premises at 601 South Rock Blvd., in Reno, Nevada.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	<u>USOC</u>
Loop Diversity per DS1	\$539.52	None	SYDAR

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ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)11.2.1 Diversity (Cont'd)Case No.

95-1 AT&T Communications

To provide loop diversity for DS1 High Capacity Digital Data Service between the Nevada Bell RENONV02 central office and the end user's premises at 1055 South Wells Avenue in Reno, Nevada.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	<u>USOC</u>
Loop Diversity, First DS1	\$16.05	\$10,841.00	SYDAS
Loop Diversity, second to tenth DS1, each	\$16.05	None	SYDAT

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ACCESS SERVICE

11. Special Facilities Routing of Access Services (Cont'd)11.2 Rates and Charges for Special Facilities Routing of Access Service (Cont'd)11.2.2 Avoidance

For each service provided in accordance with 11.1.2 preceding, the rates and charges will be developed on an individual case basis and filed following:

USOC
SYA

11.2.3 Diversity and Avoidance Combined

For each service provided in accordance with 11.1.1 and 11.1.2 preceding, combined, the rates and charges will be developed on an individual case basis and filed following:

USOC
SYB

Case No.

93-2 MCI Telecommunications Corporation

To provide route diversity and avoidance of a specific wire center for two 56kbps SS7 Links between MCI's POP located at 200 South Virginia Street and the Nevada Bell central office located at 3350 Lymberry (REN0NV13), Reno, Nevada.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	<u>USOC</u>
First SS7 Link	\$207.32	\$1,500.00	SYBAA
Additional Link	\$207.32	None	SYBAB

11.2.4 Cable-Only Facilities

For each service provided in accordance with 11.1.3 preceding, the rates and charges will be developed on an individual case basis and filed following:

USOC
SYC

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12.1 <u>General</u>	12-2	
12.2 <u>Move Charges</u>	12-2	
12.3 <u>Rates and Charges</u>	12-3	

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ACCESS SERVICE

12. Specialized Service Or Arrangement12.1 General

Specialized Service or Arrangements may be provided by the Telephone Company, at the request of a customer, on an individual case basis if such service or arrangements meet the following criteria:

- (A) The requested service or arrangements are not offered under other sections of this tariff.
- (B) The facilities utilized to provide the requested service or arrangements are of a type normally used by the Telephone Company in furnishing its other services.
- (C) The requested service or arrangements are provided within a LATA.
- (D) The requested service or arrangements are compatible with other Telephone Company services, facilities, and its engineering and maintenance practices.
- (E) This offering is subject to the availability of the necessary Telephone Company personnel and capital resources.

12.2 Move Charges

- (A) When service without a maximum termination liability charge associated with it is moved to a different building, the nonrecurring charge applies; when moved to a new location in the same building, a charge of one-half the nonrecurring charge applies.
- (B) When service with a maximum termination liability charge associated with it is moved and is reinstalled at a new location, the customer may elect:
 - to pay the unexpired portion of the maximum termination liability charge for the service, if any, with the application of a nonrecurring charge and the establishment of a new maximum termination liability charge for such service at the new location, or

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ACCESS SERVICE

12. Specialized Service or Arrangements (Cont'd)12.3 Rates and Charges (Cont'd)

<u>Case No.</u>	<u>Customer Name</u>	<u>Volume Tier*</u>	<u>Monthly Rate for each Active Port</u>
00-SBC-1	MCI WorldCom Network Services, Inc.	1 - 200,000	\$12.00

Description

Remote Access Service (RAS) provides an ISDN PRI-based data transport service that supports MCI WorldCom Network Services, Inc. with medium to high speed transport capabilities for end user remote dial access to MCI WorldCom Network Services, Inc.'s internet network. RAS terminates in network access servers in Nevada Bell Telephone Company's central offices, which provide modem functionality. The connections between the central office and MCI WorldCom Network Services, Inc.'s network are not part of RAS. MCI WorldCom Network Services, Inc. will acquire these services separately.

MCI WorldCom Network Services, Inc. agrees to maintain a minimum of 148,800 active ports each month beginning March 27, 2003. MCI WorldCom Network Services, Inc. agrees to pay a monthly rate on a per port basis as outlined in the volume tier listed above. The volume tier is an aggregation of ports ordered by MCI WorldCom Network Services, Inc. through the tariffs and in the territories of Southwestern Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Ameritech Operating Companies, and Nevada Bell Telephone Company (hereinafter referred to as The Telephone Companies). In the event that MCI WorldCom Network Services, Inc. does not have 148,800 active ports during a given month after March 27, 2003, MCI WorldCom Network Services, Inc. agrees to pay The Telephone Companies the monthly rate for 148,800 ports in each such month regardless of the actual number of active ports. This modified arrangement shall expire as of the end of month twenty four (24) from March 27, 2003 and is limited to 200,000 ports. (C)

1. In the event this service becomes the subject of a general tariff service offering, MCI WorldCom Network Services, Inc. shall be required to either terminate the service or convert the service to the general tariff offering at the rates, terms and conditions provided thereunder; No termination charges shall apply in either instance.
2. The rate and the terms and conditions of this subsection will not change during the term period of this specialized arrangement, unless noted herein or required by the F.C.C. All other tariff changes will apply accordingly.

* Number of Active and Ordered Ports

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13. Additional Engineering, Additional Labor and Miscellaneous Services

Section 13 addresses Additional Engineering, Additional Labor and Miscellaneous Services (e.g., Maintenance of Service, Provision of Access Service Billing Information, etc.).

The specific rates and charges for these activities are set forth in subsequent sections.

For purpose of Section 13, the terms "Basic Time", "Overtime" and "Premium Time" are defined as follows:

- Basic Time - Work related efforts of the Telephone Company performed during a normal business day, (8:00 a.m. - 5:00 p.m., Monday through Friday).
- Overtime - Work related efforts of the Telephone Company performed outside of a normal business day, (Monday through Friday), and on Saturdays.
- Premium Time - Work related efforts of the Telephone Company performed on Sundays and/or holidays (days observed by the Telephone Company are New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the day after Thanksgiving, and Christmas Day).

(N)
(N)

A Miscellaneous Service Order Charge applies to any service, or combination of services ordered simultaneously from this section of the Tariff for which a service order is not already pending (with the exception of Presubscription (13.3.3) which does not have the charge applied). The Miscellaneous Service Order Charge is an administrative charge designed to compensate for the expenses associated with service order issuance.

The charge always applies to the following services since a pending service order would not exist: Standby (13.2.3), Testing and Maintenance with Other Telephone Companies other than when in conjunction with Acceptance Testing (13.2.4), Other Labor (13.2.5) and Maintenance of Service (13.3.1). The Miscellaneous Service Order Charge will also apply to the following services if they are ordered subsequent to the initial installation of the associated access service, thereby necessitating the issuance of another service order: Restoration Priority (13.3.2), Standard Jacks (13.3.4), Controller Arrangement [13.3.7(A)]., and International Aggregator Blocking Service [13.3.8(B)].

The charge does not apply to the following services since there would exist a pending service order: Additional Engineering (13.1), Overtime Installation (13.2.1), Standby Acceptance Testing (13.2.3), Testing and Maintenance with Other Telephone Companies when in conjunction with Acceptance Testing (13.2.4), and Additional Cooperative Acceptance Testing [13.3.5(A)(1) and 13.3.5(B)(1)]. This charge is as follows:

	<u>USOC</u>	<u>Rate</u>
- Miscellaneous Service Order Charge, per occurrence	MSSOC	\$121.77

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.1 Additional Engineering

Additional Engineering will be provided by the Telephone Company at the request of the customer only when:

- (A) A customer requests additional technical information after the Telephone Company has already provided the technical information normally included on the Design Layout Report (DLR) as set forth in 6.1.4 and 7.1.6 preceding.
- (B) Additional engineering time is incurred by the Telephone Company to engineer a customer's request for a customized service as set forth in 7.1.1 preceding.
- (C) A customer requests a Design Change, additional engineering time is incurred by the Telephone Company for the engineering review as set forth in 5.2.2(C). The charge for additional engineering will apply whether or not the customer authorizes the Telephone Company to proceed with the design change.
- (D) A customer requests additional Points of Termination as set forth in 2.1.5(A) preceding.

The Telephone Company will notify the customer that additional engineering charges, as set forth in 13.1.1 following, will apply before any additional engineering is undertaken.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.1 Additional Engineering (Cont'd)13.1.1 Charges For Additional Engineering

The charges for additional engineering are as follows:

<u>Additional Engineering Periods</u>	<u>USOC</u>	<u>Each Half Hour or Fraction Thereof</u>	
(A) Basic Time,			(D)
per engineer	AEHNF/AEH++	\$42.94	(D)
(B) Overtime,			(D)
per engineer	AEHXF/AEH++	\$64.40	(D)

13.2 Additional Labor

Additional labor is that labor requested by the customer on a given service and agreed to by the Telephone Company as set forth in 13.2.1 through 13.2.5 following. The Telephone Company will notify the customer that additional labor charges as set forth in 13.2.6 following will apply before any additional labor is undertaken.

A call-out of a Telephone Company employee requiring additional labor will be charged a minimum of four (4) hours on an Overtime and/or Premium Time basis when the call-out is attributed to a customer request/problem. However, at no time will the customer be charged if trouble is found to be on the Telephone Company side of the demarcation point. (C)

13.2.1 Overtime Installation

Overtime installation is that Telephone Company installation effort outside of a normal business day. (C)

Revised material appearing on this page previously appeared on 2nd Revised Page 13-6.

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)

13.2 Additional Labor (Cont'd)

13.2.2 Reserved for future use

13.2.3 Stand by

Stand by includes all time in excess of one-quarter (1/4) hour during which Telephone Company personnel stand by at the customer's request.

(C)
(C)

13.2.4 Testing and Maintenance with Other Telephone Companies

Additional testing, or maintenance of facilities which connect to facilities of other telephone companies, is that which is in addition to normal effort required to test, or maintain facilities provided solely by the Telephone Company.

13.2.5 Other Labor

Other labor is that additional labor not included in 13.2.1 through 13.2.4 preceding and labor incurred to accommodate a specific customer request that involves only labor which is not covered by any other section of this tariff.

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.2 Additional Labor (Cont'd)13.2.6 Charges for Additional Labor

The charges for additional labor are as follows:

<u>Additional Labor Periods</u>	<u>USOC</u>	<u>Each Half Hour or Fraction Thereof</u>	
(A) Installation			(D)
-Overtime,			(D)
per technician	ALHXF/ALH++	\$60.32	(D)
-Premium Time,			(D)
			(D)
per technician	ALHPF/ALH++	\$80.42	(D)

(D)

(D)

Material previously appearing on this page now appears on 3rd Revised Page 13-4.

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.2 Additional Labor (Cont'd)13.2.6 Charges for Additional Labor (Cont'd)

Additional Labor	<u>USOC</u>	First Quarter <u>Hour</u>	Each Additional Half Hour or Fraction <u>Thereof</u>	(T) (N) (N) (N)
(B) Stand by				
-Basic time,				(D) (D) (D)
per technician	ALTNF/ALT++	None	\$40.21	(N)
-Overtime,				(D) (D) (N)
per technician	ALTXF/ALT++	None	\$60.32	
-Premium Time,				(D) (D) (N)
per technician	ALTPF/ALT++	None	\$80.42	

(D)
(D)

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.2 Additional Labor (Cont'd)13.2.6 Charges for Additional Labor (Cont'd)

The charges for additional labor are as follows:

	<u>Additional Labor</u> <u>Periods</u>		<u>Each Half Hour or</u> <u>Fraction Thereof</u>		(D)
	<u>USOC</u>	<u>Technician</u>	<u>USOC</u>	<u>Central Office</u> <u>Maintenance</u> <u>Technician</u>	
(C) Testing and Maintenance with other Telephone Companies, or Other Labor					
-Basic Time,					(D)
					(D)
					(D)
per technician	ALKNR/ALK++	\$40.21	ALKNM	\$32.72	
-Overtime,					(D)
					(D)
					(D)
per technician	ALKXR/ALK++	\$60.00	ALKXM	\$45.00	(D)
-Premium Time,					(D)
					(D)
					(D)
per technician	ALKPR/ALK++	\$75.00	ALKPM	\$65.00	(D)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)

13.3 Miscellaneous Services

13.3.1 Maintenance of Service

The charges for Maintenance of Service are deregulated.
Customers may contact their Telephone Company business office
for additional information.

(N)
(N)
(N)

(D)

(D)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.1 Maintenance of Service (Cont'd)

(D)

(D)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.2 Restoration Priority

Existing Restoration Priority (RP) was superceded by Telecommunications Service Priority (TSP), as specified in Section 10.8.1(D), preceding, on September 10, 1990. Existing RP arrangements for Special Access Services will remain in effect for thirty (30) months until March 10, 1993. If RP Service is converted to TSP, the customer will incur the Priority Restoration Level Implementation Nonrecurring Charge as specified in 10.8.2(D)(2)(a), preceding.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services13.3 Miscellaneous Services (Cont'd)13.3.3 Presubscription(A) Description

Presubscription is a procedure whereby an end user or an agent representing pay telephones may select and designate to the Telephone Company as IC to access, without an access code, interLATA, interstate calls. This IC is referred to as the end user's or agent's primary IC.

An end user or agent is the person identified in the account as responsible for payment of the account or any person contractually or otherwise lawfully authorized to change telecommunications services and/or represent the end user or agent.

The Presubscription procedures applies to Telephone Exchange Service lines and/or trunks, Access Line Arrangements, Feature Group A lines and Centrex lines. It also applies to pay telephones served by end offices converting to equal access on or after April 1, 1989.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services

13.3 Miscellaneous Services (Cont'd)

13.3.3 Presubscription (Cont'd)

(B) Provisions

Presubscription of residence and business lines and/or trunks is furnished in accordance with the detailed provisions of the Federal Communications Commission's Allocation Plan as set forth in Appendix B of its Memorandum Opinion and Order in CC Docket No. 83-1145, Phase I, adopted May 31, 1985, and released June 12, 1985. Principle provisions of the Allocation Plan and associated Telephone Company provisions follow.

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13. Additional Engineering, Additional Labor and Miscellaneous Services

13.3 Miscellaneous Services (Cont'd)

13.3.3 Presubscription (Cont'd)

(B) Provisions (Cont'd)

(1) Initial or Change Charge Application (T)

(a) New End Users/Agents, who request service in an end office equipped with equal access, will be asked to select a primary IC at the time they place an order with the Telephone Company for Telephone Exchange Services, Feature Group A Switched Access Services, or pay telephone service. New end users or agents will be sent (T)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services13.3 Miscellaneous Services (Cont'd)13.3.3 Presubscription (Cont'd)(B) Provisions (Cont'd)

(1) Initial or Change Charge Application (Cont'd) (T)

(a) (Cont'd) (T)

an informational package, upon request, to aid their selection of a primary IC. They may select either of the following options. There will be no additional charge for this selection.

- Designate an IC as primary IC and Dial 101XXXX or other access codes (i.e., 950-0XXX or 950-1XXX) to reach services of the same IC or to reach other ICs.
- Designate that they do not want to be presubscribed to any IC and choose to dial 101XXXX or other access codes (i.e., 950-0XXX or 950-1XXX) for all calls to all ICs.*

*This option is not available to pay telephones.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services13.3 Miscellaneous Services (Cont'd)13.3.3 Presubscription (Cont'd)(B) Provisions (Cont'd)(1) Initial or Change Charge Application (Cont'd)(a) (Cont'd)

On all requests for new service, the Telephone Company will notify the customer of PIC assigned to the relevant lines(s).

After the End User's/Agents initial primary IC selection, for any change thereafter, a nonrecurring charge, as set forth in 13.3.3(B)(1)(c) following, applies.

A non-recurring charge, as set forth in 13.3.3(B)(1)(C) following, to process a change in Presubscription is bifurcated into two (2) separate non-recurring charges and applies as follows:

- i) A non-recurring charge applies when the request to change Presubscription is submitted through mechanized methods.
- ii) A non-recurring charge applies when the request to change Presubscription is submitted through manual methods.

As used above, manual methods are (i) personal interaction between an End User or Agent and a Telephone Company employee; and (ii) any written submission from an End User or Agent to a Telephone Company service center. Mechanized methods shall include all other methods. If a request utilizing a mechanized method results in manual processing, the mechanized non-recurring charge shall apply upon the completion of the request.

Material previously appearing on this page now appears on 1st Revised Page 13-23.

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13. Additional Engineering, Additional Labor and Miscellaneous Services13.3 Miscellaneous Services (Cont'd)13.3.3 Presubscription (Cont'd)(B) Provisions (Cont'd)

(1) Initial or Change Charge Application (Cont'd)

- (b) If an IC selects to discontinue Feature Group D service, the IC is obligated to contact in writing all end users or agents who have selected, or have been allocated to, the canceling IC as their designated IC, inform these end users or agents of the cancellation, request the end users or agents to select a new IC, and state that the canceling IC Company will pay for the change charge. The Telephone Company will bill the IC an amount equal to the product of the Presubscription Charge, as set forth in (c) following, multiplied by the total number of end users or agents assigned to the IC at the time the IC notifies the Telephone Company of discontinuance of Feature Group D.

(N)

(N)

(M)

(M)

Material now appearing on this page previously appeared on 2nd Revised Page 13-22.

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13. Additional Engineering, Additional Labor and Miscellaneous Services13.3 Miscellaneous Services (Cont'd)13.3.3 Presubscription (Cont'd)(B) Provisions (Cont'd)

(1) Initial or Change Charge Application (Cont'd)

(c) Nonrecurring charges for presubscription are as follows:

	<u>USOC</u>	<u>Nonrecurring Charge</u>	
Presubscription-InterLATA Billed to End User, Agent or IC			
- per Telephone Exchange Service line and trunk manual change	P2AKX	\$3.89	(T)
- per Telephone Exchange Service line and trunk mechanized charge	P2AEX	\$1.60	(T)

(i) In the case of an end user authorization dispute, the alleged unauthorized carrier will be billed the appropriate Presubscription charge(s) for the alleged unauthorized change and the appropriate Presubscription charge(s) to change the end user to their preferred IC.

(ii) The Interexchange Carrier Pays (IC Pays) Billing Option is an agreement between the Telephone Company and an Interexchange Carrier (IC) under which the Presubscription (PIC) change charge is assessed to the IC instead of being charged to the end user customer when the Telephone Company changes an end user's primary IC assignment.

The PIC change may either be requested via an IC-provided end user or agent list submitted in the Customer Account Record Exchange (CARE) format (IC Pays - Carrier Initiated) or by the end user customer directly to the Telephone Company (IC Pays - Customer Initiated).

ICs that subscribe to "IC Pays - Carrier Initiated" have the option to redirect billing of the PIC change charge on a case by case basis.

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13. Additional Engineering, Additional Labor and Miscellaneous Services13.3 Miscellaneous Services (Cont'd)13.3.3 Presubscription (Cont'd)(B) Provisions (Cont'd)

(1) Initial or Change Charge Application (Cont'd) (T)

(c) (Cont'd) (T)

(ii) (cont'd)

For ICs that subscribe to "IC Pays - Customer Initiated", all end user PIC changes to the IC's CIC initiated through the Telephone Company will be redirected to the IC.

The IC submitting the PIC change must sign an IC Pays Billing Option agreement with the Telephone Company for either of the IC Pays Billing Options to apply.

When these conditions have been met, the end user customer will not be assessed the Presubscription change charge for the PIC change. The IC participating in the IC Pays Billing Option will be charged the Presubscription change charge per line or trunk as set forth in Section 13.3.3(B)(1)(c). (T)

13.3.4 Standard Jacks - Registration Program

Standard jacks are provided by the Telephone Company to connect Registered Equipment. The use of jacks is covered in Part 68 of the FCC's Rules and Regulations. Specified jacks are described in the document on file with the FCC entitled "Descriptions of Standard Registration Program Connection Configurations Supplementing Configurations Described in Subpart F of Part 68 of the FCC's Rules and Regulations."

(This page filed under Transmittal No. 106)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks - Registration Program (Cont'd)

These jacks are used to terminate services provided by the Telephone Company. Other services or facilities provided by the Telephone Company or by others may also be terminated in any spare capacity of the jacks remaining after installation without additional charge for the use of such capacity.

The nonrecurring charges, which include installation, for standard jacks and their typical uses are set forth following:

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(A) <u>Standard Voice Jacks</u>		
(1) Miniature six-position jacks for connection of terminal equipment as follows:		
(a) Single line telephone set surface or flush mounted.	RJ11C	\$10.00
(b) Single line telephone sets wall mounted.	RJ11W	\$10.00

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks - Registration Program (Cont'd)(A) Standard Voice Jacks (Cont'd)

(1) (Cont'd)	<u>USOC</u>	<u>Nonrecurring Charge</u>
(c) Two-line nonkey telephone sets surface or flush mounted	RJ14C	\$10.00
(d) Single-line bridged 4-wire exchange 2/RT T1/R1.	RJ1DC	\$10.00
(e) Two-line nonkey telephone sets wall mounted.	RJ14W	\$10.00
(f) Special single line equipment for use in hospital criti- cal care areas.	RJ17C	\$10.00

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(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks - Registration Program (Cont'd)(A) Standard Voice Jacks (Cont'd)

(1) (Cont'd)

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(g) 9DB single line data equipment with mode indication and mode indication common leads. This jack is normally used in association with a series jack.	RJ16X	\$10.00
(h) Three-line non-key telephone sets and ancillary devices.	RJ25C	\$49.00

(2) 50 Position Miniature Ribbon for connection of multiline terminating equipment and channel derivation devices as follows:

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks - Registration Program (Cont'd)(A) Standard Voice Jacks (Cont'd)

(2) (Cont'd)

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(a) For connection to 2-wire tie trunks E&M type I signaling. (12 line capacity)	RJ2EX	\$160.00
(b) For connection to 4-wire tie trunks E&M type I signaling. (8 line capacity)	RJ2GX	\$160.00
(c) For connection to 2-wire tie trunks E&M type II signaling. (8 line capacity)	RJ2FX	\$160.00
(d) For connection to 4-wire tie trunks E&M type II signaling. (6 line capacity)	RJ2HX	\$160.00

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks - Registration Program (Cont'd)(A) Standard Voice Jacks (Cont'd)

(2) (Cont'd)

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(e) For connection to off-premises station lines. (25 line capacity)	RJ21X	\$160.00
(f) For use with series devices such as toll restrictors. (12 line capacity)	RJ71C	\$105.00
(g) For connection of up to 12 line bridged 4-wire exchange 2/RT, T1/R1.	RJ2DX	\$100.00

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks - Registration Program (Cont'd)(A) Standard Voice Jacks (Cont'd)

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(3) Series Jacks for connection of terminal equipment as follows:		
(a) Single line reporting devices.	RJ31X	\$ 66.00
(b) Series ancillary devices such as automatic dialers. Single line sets with exclusion.	RJ32X	\$ 66.00
(c) Two line telephone sets with exclusion on one line.	RJ37X	\$ 66.00
(4) Weatherproof Jack for use with single line telephone sets used at locations such as boats and marinas.	RJ15C	\$120.00

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks - Registration Program (Cont'd)(B) Standard Data Jacks

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(1) Universal Data Jack for use in connecting Fixed Loss Loop (FLL) and Programmed (P) types of data equip- ment. (1 line capa- city)	RJ41S	\$65.00
(2) Programmed Data Jack for use in connecting programmed data equipment. (1 line capacity)	RJ45S	\$5.00
(3) Multiple Line Uni- versal Data Jack for use in connecting Fixed Loss Loop (FLL) and Programmed (P) types of data equip- ment. This jack will terminate up to eight lines. The selection of this jack requires the use of the equip- ment listed following.	RJ26X	\$250.00

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks - Registration Program (Cont'd)(B) Standard Data Jacks (Cont'd)

(3) (Cont'd)

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(a) Multiple Line Uni- versal Data Jack Circuit Cards. For use with Multiple Line Universal Data Jack. One circuit card per circuit required.	RJ26S	\$79.00
(b) Multiple Line Universal Data Jack Mounting options. For use with Multiple Line Universal Data Jack. One required per Multiple Line Universal Data Jack.		
- Wall Mounting with cover.	RJM3X	\$45.00
- Rack Mounting (19 inch or 23 inch)	RJM4X	\$28.00

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services

Testing Services offered under this section of the tariff are optional and subject to rates and charges as set forth in 13.3.5(C) following. Other testing services, as described in 6.1.5 and 7.1.7 preceding, are provided by the Telephone Company in association with Access Services and are furnished at no additional charge.

Testing services are normally provided by Telephone Company personnel at Telephone Company locations. However, provisions are made in (A)(4) and (B)(2) following for a customer to request Telephone Company personnel to perform testing services at the customer's premises.

The offering of Testing Services under this section of the tariff is made subject to the availability of the necessary qualified personnel and test equipment at the various test locations mentioned in (A), (B) and (C) following:

(A) Switched Access Service

Testing Services for Switched Access are comprised of (a) tests which are performed during the installation of a Switched Access Service, i.e., Acceptance Tests, (b) tests which are performed after acceptance of such access services by a customer which are without charge i.e., routine testing and (c) additional tests which are performed during or after acceptance of such access services by a customer for which additional charges apply, i.e., Additional Cooperative Acceptance Tests and in-service tests.

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(A) Switched Access Service (Cont'd)

Routine tests are those tests performed by the Telephone Company on a regular basis, as set forth in 6.1.5 preceding which are required to maintain Switched Access Service. Additional in-service tests may be done on an automatic basis (no Telephone Company or customer technicians involved), on a manual basis [Telephone Company technician(s) involved at Telephone Company office(s) and Telephone Company or customer technician(s) involved at the customer designated premises].

Testing services are ordered to the Dial Tone Office for an ALA or FGA, to the access tandem or end office for an ATA950 or FGB (wherever the ATA950 or FGB service is ordered) and to the end office for ATA's NEA and XXX or FG's C and D. Testing Services for Directory Assistance Service not routed through an access tandem is ordered to a Directory Assistance Location for each NPA.

(1) Additional Cooperative Acceptance Testing (ACAT)

Additional Cooperative Acceptance Testing of Switched Access Service involves the Telephone Company provision of a technician at its office(s) and the customer provision of a technician at its premises, with suitable test equipment to perform the required tests.

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(A) Switched Access Service (Cont'd)(1) Additional Cooperative Acceptance Testing (ACAT)
(Cont'd)

Additional Cooperative Acceptance Tests may, for example, consist of the following tests:

- . Impulse Noise
- . Phase Jitter
- . Signal to C-Notched Noise Ratio
- . Intermodulation (Nonlinear) Distortion
- . Frequency Shift (Offset)
- . Envelope Delay Distortion
- . Dial Pulse Percent Break

(2) Additional Automatic Testing

Additional Automatic Testing (AAT) of Switched Access Services (Access Trunk Arrangements or Feature Groups B, C and D), is a service where the customer provides remote office test lines and 105 test lines with associated responders or their functional equivalent. The customer may order, at additional charges, gain-slope and C-notched noise testing and may order the routine tests (1004 Hz loss, C-Message Noise and Balance) on an as needed or more than routine schedule.

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(A) Switched Access Service (Cont'd)(2) Additional Automatic Testing (Cont'd)

The Telephone Company will provide an AAT report that lists the test results for each trunk tested. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on an as-occurs basis.

(3) Additional Manual Testing

Additional Manual Testing (AMT) of Switched Access Services (All Basic Service Arrangements or Feature Groups A, B, C, and D and DirectoryAccess Service not routed through an access tandem), where the Telephone Company provides a technician at its office(s) and the TelephoneCompany or customer provides a technician at the customer designated premises, with suitable test equipment to perform the required tests, willnormally consist of gain-slope and C-notched noise testing. However, the Telephone Company will conduct any additional tests which the IC may request.

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(A) Switched Access Service (Cont'd)(3) Additional Manual Testing (Cont'd)

The Telephone Company will provide an AMT report listing the test results for each trunk tested. Trunk test failures requiring customer participation for trouble resolution will be provided to the customer on a per occurrence basis.

(4) Obligations of the Customer

(a) The customer shall provide the Remote Office Test Line priming data to the Telephone Company, as appropriate-to support routine testing as set-forth in 6.1.5(B) preceding preceding.

(b) The customer shall make the facilities to be tested available to the Telephone

(B) Special Access Service

The Telephone Company will provide assistance in performing specific tests requested by the customer.

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(B) Special Access Service (Cont'd)(1) Additional Cooperative Acceptance Testing
(ACAT)

When a customer provides a technician at its premises or at an end user's premises, with suitable test equipment to perform the requested tests, the Telephone Company will provide a technician at its office for the purpose of conducting Additional Cooperative Acceptance

Testing on Voice Grade Services. At the customer's request, the Telephone Company will provide a technician at the customer's premises or at the end user premises. These tests may, for example, consist of the following:

- Attenuation Distortion (i.e., frequency response)
- Intermodulation Distortion (i.e., harmonic distortion)
- Phase Jitter
- Impulse Noise
- Envelope Delay Distortion
- Echo Control
- Frequency Shift

(2) Additional Manual Testing

The Telephone Company will provide a technician at its premises, and the Telephone Company or customer will provide a technician at the customer's designated premises with suitable test equipment to perform the requested tests.

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.5 Testing Services (Cont'd)

(B) Special Access Service (Cont'd)

(3) Obligation of the Customer

When the customer subscribes to Testing Service as set forth in this section, the customer shall make the facilities to be tested available to the Telephone Company at times mutually agreed upon.

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(C) Rates and Charges(1) Switched Access(a) Additional Cooperative Acceptance Testing

				Each Half Hour or Fraction Thereof	
		Field		Central Office	(T)
					(D)
<u>Testing Periods</u>	<u>USOC</u>	<u>Technician</u>	<u>USOC</u>	<u>Technician</u>	
-Basic Time,					(D)
					(D)
					(D)
per technician	UBCNR/UBC++	\$40.21	UBCNM	\$32.72	
-Overtime,					(D)
					(D)
					(D)
per technician	UBCXR/UBC++	\$60.32	UBCXM	\$49.08	(D)
-Premium Time,					(D)
					(D)
					(D)
per technician	UBCPR/UBC++	\$80.42	UBCPM	\$65.43	(D)
					(D)
					(D)

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(C) Rates and Charges (Cont'd)(1) Switched Access (Cont'd)(b) Additional Automatic Testing (AAT)

The Additional Tests as set forth following may be ordered by the customer, at additional charges, 60 days prior to the start of the customer prescribed schedule.

To First Point
of Switching

<u>Additional Tests</u>	<u>USOC</u>	<u>Per Test Per Transmission Paths</u>
Gain-Slope Tests	USCXD	\$2.89
C-Notched Noise Tests	USCXE	\$2.89
1004 Hz Loss*	USCXA	\$2.89
C-Message Noise*	USCXB	\$2.89
Balance (return loss)*	USCXC	\$2.89

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(C) Rates and Charges (Cont'd)(1) Switched Access (Cont'd)(c) Additional Manual Testing

The Additional Tests as set forth following may be ordered by the customer, at additional charges, 60 days prior to the start of the testing schedule as mutually agreed to by the customer and the Telephone Company.

				Each Half Hour or Fraction Thereof	
		Field		Central Office	(T) (D)
<u>Additional Test</u>	<u>USOC</u>	<u>Technician</u>	<u>USOC</u>	<u>Technician</u>	
Gain - Slope, C-Notched Noise And any other agreed to test, -Basic Time,					(D) (D) (D)
per technician	UBSNR/UBS++	\$40.21	UBSNM	\$32.72	

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(C) Rates and Charges (Cont'd)(1) Switched Access (Cont'd)(c) Additional Manual Testing (Cont'd)

		Each Half Hour or Fraction Thereof			
		Field		Central Office	(T)
<u>Additional Test</u>	<u>USOC</u>	<u>Technician</u>	<u>USOC</u>	<u>Technician</u>	(D)
-Overtime,					(D)
per technician	UBSXR/UBS++	\$60.32	UBSXM	\$49.08	(D)
-Premium Time,					(D)
per technician	UBSPR/UBS++	\$80.42	UBSPM	\$65.43	(D)

(D)
(D)

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(C) Rates and Charges (Cont'd)(2) Special Access(a) Additional Cooperative Acceptance Testing (ACAT)

		Each Half Hour or Fraction Thereof				
		Field		Central Office		(T)
						(D)
<u>Testing Periods</u>	<u>USOC</u>	<u>Technician</u>	<u>USOC</u>	<u>Technician</u>		
-Basic Time,						(D)
						(D)
						(D)
per technician	SNTNR/SNT++	\$40.21	SNTNM	\$32.72		
-Overtime,						(D)
						(D)
per technician	SNTXR/SNT++	\$60.32	SNTXM	\$49.08		
-Premium Time,						(D)
						(D)
						(D)
per technician	SNTXR/SNT++	\$80.42	SNTPM	\$65.43		(D)
						(D)
						(D)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.5 Testing Services (Cont'd)(C) Rates and Charges (Cont'd)(2) Special Access (Cont'd)(b) Additional Manual Cooperative and Additional Manual Testing

		Each Half Hour or Fraction Thereof			
		Field		Central Office	(T)
<u>Testing Periods</u>	<u>USOC</u>	<u>Technician</u>	<u>USOC</u>	<u>Technician</u>	(D)
-Basic Time,					(D)
					(D)
per technician	SNONR/SNO++	\$40.21	SNONM	\$32.72	(D)
-Overtime,					(D)
					(D)
per technician	SNOXR/SNO++	\$60.32	SNOXM	\$49.08	(D)
-Premium Time,					(D)
					(D)
per technician	SNOPR/SNO++	\$80.42	SNOPM	\$65.43	(D)
					(D)
					(D)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.6 Provision of Access Service Billing Information

- (A) The customer will receive one copy of its monthly bills in a standard paper format. Billing for access services is done according to the bill mediums set forth in (C) following. Bills for access service are rendered for by state, Access Customer Name Abbreviation (ACNA), by customer type (access or local), by bill period and by Revenue Accounting Office (RAO).

If charges for Access Services Billing exist in the Telephone Company's Intrastate Access Service Tariffs and its Interstate Access Service Tariff, the total charge to the customer will be calculated based on one half of the intrastate charge and one half of the interstate charge. If charges for Access Services Billing exist only in the Telephone Company's Interstate Access Services Tariff, full interstate charges will apply.

- (B) At the option of the customer, and for an additional charge:

- (1) Customer monthly bills may be provided on magnetic tape, CD-ROM or DVD.

Data provided on CD-ROM and DVD will be provided for use with Windows 3.1 or better, ASCII and Non-compacted. The data will be formatted using industry standards for access services billing. In addition to the above for CD-ROM and DVD, the following options are available and must be specified by the customer when requesting this media:

- Format:
 - Bill Page format (billing data formatted exactly as it is formatted on a paper bill)
 - Bill Data format (billing data formatted exactly as it is formatted on magnetic cartridge or electronic transmission)
- Overnight delivery or US Mail

- (2) Additional copies of the customer monthly bill or service and features record may be provided in standard paper format.

- (C) The rates and charges for the provision of Access Service Billing Information are as follows:

(1) Provision of Standard Billing Detail and/or Information in magnetic tape format,	<u>USOC</u>	<u>FID</u>	<u>RATES</u>
- per record	BBLCT	DMT	\$0.015
- per tape	WCP2X/MTBAC		50.00

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.6 Provision of Access Service Billing Information (Cont'd)

(C) (Cont'd)

(2) Additional copies of customer monthly bill or service and features record in standard paper,	<u>USOC</u>	<u>FID</u>	<u>RATES</u>
- per single page	NOB/NEL		0.03
- per double page	NOB/NEL		0.06
(3) CD-ROM -Per disk	WCP6X		\$10.00
(4) DVD -Per disk	WCP7X		\$10.00

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.7 Miscellaneous Equipment(A) Controller Arrangement

This arrangement enables the customer to control up to 48 transfer functions at a Telephone Company central office via a remote keyboard terminal capable of either 300 or 1200 bps operation. Included as part of the Controller Arrangement is a dial-up data station located at the Telephone Company Central Office to provide access to the Controller Arrangement. This dial-up data station consists of a 212A DATAPHONE data set and an appropriate Telephone Company provided channel.

The Controller Arrangement must be located in the same Telephone Company central office as the transfer functions which it controls.

	<u>USOC</u>	<u>Monthly Rate</u>
- Per arrangement	XTDDU	ICB

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13. Additional Engineering, Additional Labor and Miscellaneous Services13.3 Miscellaneous Services (Cont'd)13.3.8 International Blocking Service(A) Service Description

International Blocking Service is an optional end user feature available, where facilities permit, in Telephone Company electronic end offices. This feature will block consumers from direct-dialing international calls via the preselected or presubscribed interexchange carrier (011+) on designated telephones, where technically feasible. International Blocking Service will also block customers from over-riding the preselected interexchange carrier when dialing direct-dialed international calls (10XXX 011+) from designated telephones, where technically feasible.

This feature provides end office blocking of direct-dialed 011+ and 10XXX+011+ calls by routing such calls to a recorded announcement. It is available for line side services offered in the Telephone Company's local or general exchange tariffs that are provided either to aggregator or non-aggregator business customers.

An aggregator is defined as any person that, in the ordinary course of its operations, makes telephones available to the public or to transient users of its premises, for interstate telephone calls using a provider of operator services.

Non-aggregator business customers are all other business customers.

- (B) This is a nonchargeable option when ordered with the primary service. When ordered as an option to existing service, a miscellaneous service order charge will apply. For charges associated with these miscellaneous changes, see Section 13.

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13. Additional Engineering, Additional Labor and Miscellaneous Services13.3 Miscellaneous Services (Cont'd)13.3.9 900 Call Blocking(A) Service Description

900 Call Blocking is an optional central office call blocking service that allows the Telephone Company's residential and business subscribers to block calls placed from their telephones to interstate and intrastate interLATA Interexchange Carrier 900 services (900 IEC) program telephone numbers. 900 Call Blocking will be provided at the serving central office, where technically feasible. When placed on the subscribers line, 900 Call Blocking will prevent access to all directly-dialed, telephone company operator-assisted and Telephone Company operator-entered billing 900 IEC program telephone numbers.

This feature provides end office blocking of direct-dialed 900 calls by routing such calls to a recorded announcement. The announcement will tell subscribers that the call cannot be completed as dialed.

Subscriber's may order 900 Call Blocking by calling their business office.

However, requests to remove Call Blocking must be submitted in writing.

900 Call Blocking is a non-chargeable option when ordered at the time of establishment of a new telephone number and for the first 60 days thereafter. When ordered as an option to existing service beyond 60 days, Nevada Bell will provide to all residential customers a one-time opportunity to subscribe free of charge to 900 Call Blocking. There will be no time limit on the residential customer's ability to utilize this one-time option. Residential customers will be charged non-recurring rates for any and all subsequent requests for 900 Call Blocking.

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13. Additional Engineering, Additional Labor and Miscellaneous Services13.3 Miscellaneous Services (Cont'd)13.3.9 900 Call Blocking (Cont'd)(B) Rates and Charges

<u>Add 900 Call Blocking-Residence</u>	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Call Blocking Individual Line Flat Rate ¹			
Residence Service			
First Request	NO	NO	CLU
Subsequent Request			
- per line	\$13.31	NO	CL1
Call Blocking Individual Line Measured Rate ¹			
Residence Service			
First Request	NO	NO	CLU
Subsequent Request			
- per line	\$13.31	NO	CL1
Call Blocking Universal Lifeline			
Telephone Service (ULTS)			
- per line	NO	NO	CLU
Call Blocking with New Connect or Transfer of Service			
- per line	NO	NO	CLU
Call Blocking with other Network Change order			
- per line	NO	NO	CLU
Remove 900 Call Blocking			
- per line	NO	NO	--

Note 1: Nevada Bell will provide all residence customers a one time opportunity to subscribe to 900 Blocking Service free of charge

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<u>Add 900 Call Blocking-Residence</u>	<u>Nonrecurring Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Call Blocking Business Service Flat Rate ^{1,2,3} - per line	\$13.31 (Not to exceed \$39.93 per service order)	NO	CL9
Call Blocking Business Service Measured Rate ^{1,2,3} - per line	\$13.31 (Not to exceed \$30.00 per service order)	NO	CL9
Call Blocking with New Connect or Transfer of Service - per line	NO	NO	CL9
900 Call Blocking with other Network Change order - per line	NO	NO	CL9
Remove 900 Call Blocking - per line	NO	NO	--

Note 1: 900 Call Blocking is not available on WATS at this time.

Note 2: 900 call currently is not allowed on coin sent paid, coinless and COPT services.

Note 3: Nevada Bell will waive 900 Call Blocking nonrecurring charges when requested by business customers within 60 days of establishing new service (service order date).

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13. Additional Engineering, Additional Labor and Miscellaneous Services
(Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.10 Optional Features associated with Pay Telephone Service

The following non chargeable optional feature is only available with Pay Telephone Service offered in the Telephone Company's local exchange tariffs. This feature is available where facilities and operating conditions permit and must be ordered at the same time the customer orders the Pay Telephone line from the Telephone Company's local or general exchange tariffs.

- International Direct Distance Dialing (IDDD)

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13. Additional Engineering, Additional Labor, and Miscellaneous Services
(Cont'd)

(N)

13.3 Miscellaneous Services (Cont'd)13.3.11 Long Distance Trouble Management Service (LDTMS)(A) Service Description

LDTMS enables a participating Interexchange Carrier (IC) to receive, from the Telephone Company, specific trouble ticket information that relates to the IC's service after a trouble report has been initiated by a residential or business customer who is presubscribed or interconnected to that IC's interstate network. Specific trouble-ticket information is delivered to the participating IC.

If, during a telephone contact between the Telephone Company's repair personnel and an IC's end-user customer, it is determined that trouble resides in the IC's interstate network, the end-user customer is informed that the ticket will be delivered to the IC for resolution. Telephone Company personnel will answer all repair calls using the Telephone Company brand name.

LDTMS is only provided for a participating IC's residential and business customers who are also customers of the Telephone Company's local retail services. In addition, only those residential and business customers who are presubscribed or interconnected to the IC for direct 1+ dialing are eligible for this service. LDTMS does not support toll-free or data services.

LDTMS will be provided on a negotiated interval basis, which may include joint-acceptance testing. If the IC for the residential or business end-user customer has not subscribed to LDTMS, that end-user customer will be treated in accordance with current operating procedures.

(N)

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13. Additional Engineering, Additional Labor, and Miscellaneous Services (N)
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.11 Long Distance Trouble Management Service (LDTMS)
(Cont'd)(B) Undertaking of the Telephone Company

The Telephone Company will be responsible for providing the IC all the information needed to establish trouble-ticket handoff. The Telephone Company will also control the format of the information that will be made available to the IC.

(C) Obligations of the IC

Each IC will be solely responsible for the development of its own operation support systems that interface with the Telephone Company's trouble management system. Each IC will also be solely responsible for meeting the interface standards and requirements as set by the Telephone Company.

(D) Rate Regulations

A monthly recurring rate will apply to each participating IC for every month or fraction thereof that LDTMS is provided. In addition to the monthly recurring charge, there will be a transaction charge for each ticket that is delivered to the IC's trouble management system. No charges will apply to an IC's residential or business end-user customers. Rates and charges for LDTMS are set forth in Section 13.3.11 (E) following.

(N)

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13. Additional Engineering, Additional Labor, and Miscellaneous Services (N)
(Cont'd)13.3 Miscellaneous Services (Cont'd)13.3.11 Long Distance Trouble Management Service (LDTMS) (Cont'd)(E) Rates and Charges

	USOC	Monthly Rate	Transaction Charge
Long Distance Trouble Management Service (LDTMS)	WTR	\$8,300.00	
Transaction Charge per trouble ticket	TLR		\$2.20

(N)

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13. Additional Engineering, Additional Labor, and Miscellaneous Services
(Cont'd)

(N)

13.3 Miscellaneous Services (Cont'd)13.3.12 Data Trouble Management Services (DTMS)(A) Service Description

DTMS enables a participating Interexchange Carrier (IC) to receive, from the Telephone Company, specific trouble ticket information that relates to the IC's service after a trouble report has been initiated by a business customer who is utilizing that IC's interstate network. This is accomplished by having specific trouble ticket information delivered to the participating IC. The method of trouble ticket delivery will be verbal or faxed to a designated telephone number associated with the IC.

If, during a telephone contact between the Telephone Company's personnel and an IC's end-user customer, it is determined that the circuit is owned by the IC, the end-user customer is informed that the trouble will be reported to the IC for resolution. Telephone Company personnel will answer all repair calls using the Telephone Company brand name.

DTMS is only provided to participating ICs that are customers of the Telephone Company's special access service. Furthermore, DTMS is only available to the IC's end-user business customers who subscribe to the IC for data services, and utilize as underlying transport, the Telephone Company's special access service.

DTMS will be provided on a negotiated interval basis, which may include joint-acceptance testing. If the IC for the end-user customer has not subscribed to DTMS, that end-user customer will be treated in accordance with current operating procedures.

DTMS will only be made available for initial trouble referrals; subsequent trouble ticket status information must be provided by the IC to the customer.

(N)

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13. Additional Engineering, Additional Labor, and Miscellaneous Services
(Cont'd)

(N)

13.3 Miscellaneous Services (Cont'd)13.3.12 Data Trouble Management Services (DTMS) (Cont'd)(B) Undertaking of the Telephone Company

The Telephone Company will be responsible for providing the IC all the information needed to establish trouble ticket handoff. The Telephone Company will also control the format of the information that will be made available to the IC.

(C) Obligations of the IC

The IC will be responsible for the development of its own operation support systems that interface with the Telephone Company's trouble management system. Each IC will also be responsible for meeting the interface standards and requirements as set by the Telephone Company.

(D) Rate Regulations

A monthly recurring rate will apply to each participating IC for every month or fraction thereof that DTMS is provided. No charges will apply to an IC's end-user customers. Rates and charges for DTMS are set forth in Section 13.3.18 (E) (Rates and Charges) following.

(E) Rates and Charges

	<u>USOC</u>	<u>Monthly Rate</u>
Monthly Recurring Charge	TBLDX	\$7,900

(N)

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14. Exceptions to Access Service Offerings

The service offered under the provisions of this tariff are subject to availability as set forth in 2.1.4 preceding. In addition, the following exceptions apply:

- 14.1 The following items are not offered in the operating territory of this Company.

<u>Paragraph</u>	<u>Offering</u>	<u>USOC</u>

14.2 Interstate Served Direct Foreign Exchange Service

With the exception of Presubscription, as set forth in 13.3.3 preceding, the regulations and rates set forth in this tariff do not apply to customers for the type of connection(s) and in the location(s) listed following. The regulations and rates for this (these) connection(s) are the applicable Telephone Exchange Services regulations and rates specified in the Local and/or General Exchange Service tariff for the exchange from which the connection is provided. In addition, regulations and rates for the associated channel between the locality in which the customer is located and the exchange from which the connection is provided, apply as specified in AT&T's Tariff F.C.C. No. 10 for Series 2000, Type 2006, Channels or its successor tariff for comparable channels.

<u>Customer Locality</u>	<u>Location State</u>	<u>Exchange from which Connection is Provided</u>	<u>Type of Connection</u>
Verdi	Calif.	Reno, Nev.	Individual

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15. Interface Groups, Transmission Specifications and Channel Interfaces15.1 Local Transport Interface Groups

Interface Group 1 is provided with Type C Transmission Specifications, and Interface Groups 2 through 10 are provided with Type A or B Transmission Specifications, depending on the Basic Service Arrangement or Feature Group and whether the Access y Service is routed directly or through an access tandem. All Interface Groups are provided with Data Transmission Parameters.

Only certain premises interfaces are available at the customer designated premises. The premises interfaces associated with the Interface Groups may vary among Basic Service Arrangements or Feature Groups. The various premises interfaces which are available with the Interface Groups, and the Basic Service Arrangements or Feature Groups with which they may be used, are set forth in 15.1 following.

15.1.1 Interface Group 1 (USOC TPPIX)

Interface Group 1, except as set forth in the following, provides two-wire voice frequency transmission at the point of termination at the customer's premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

Interface Group 1 is not provided in association with ATANEA or FGC and ATAXXX or FGD when the first point of switching is an access tandem. In addition, Interface Group 1 is not provided in association with an Access Trunk Arrangement or FGB, FGC or FGD when the first point of switching provides only four-wire terminations.

The transmission path between the point of termination at the customer designated premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

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15. Interface Groups, Transmission Specifications and Channel Interfaces (Cont'd)15.1 Local Transport Interface Groups (Cont'd)15.1.1 Interface Group 1 (USOC TPP1X) (Cont'd)

The interface is provided with loop supervisory signaling. When the interface is associated with ALA or FGA, such signaling will be loop start or ground start signaling. When the interface is associated with ATA950, ATANEA, ATAXXX, FGB, FGC or FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

15.1.2 Interface Group 2 (USOC TPP2X)

Interface Group 2 provides four-wire voice frequency transmission at the point of termination at the customer designated premises. The interface is capable of transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The transmission path between the point of termination at the customer designated premises and the first point of switching may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of 300 to 3000 Hz.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.1 Local Transport Interface Groups (Cont'd)15.1.2 Interface Group 2 (USOC TPP2X) (Cont'd)

The interface is provided with loop supervisory signaling. When the interface is associated with ALA or FGA, such signaling will be loop start or ground start signaling. When the interface is associated with ATA950, ATANEA, ATAXXX, FGB, FGC OR FGD, such signaling, except for two-way calling which is E&M signaling, will be reverse battery signaling.

15.1.3 Interface Group 3 (USOC TPP3X)

Interface Group 3 provides group level analog transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals between the frequencies of 60 to 108 kHz, with the capability to channelize up to 12 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex equipment to derive 12 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

15.1.4 Interface Group 4 (USOC TPP4X)

Interface Group 4 provides supergroup level analog transmission at the point of termination at the customer designated premises. The interface is capable of

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.1 Local Transport Interface Groups (Cont'd)15.1.4 Interface Group 4 (USOC TPP4X) (Cont'd)

transmitting electrical signals between the frequencies of 312 to 552 kHz, with the capability to channelize up to 60 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 60 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

15.1.5 Interface Group 5 (USOC TPP5X)

Interface Group 5 provides mastergroup level analog transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals between the frequencies of 564 to 3084 kHz, with the capability to channelize up to 600 voice frequency transmission paths. Certain frequencies within the bandwidth of the Interface Group are reserved for Telephone Company use, e.g., pilot and carrier group alarm tones. Before the first point of switching, the Telephone Company will provide multiplex and channel bank equipment to derive 600 transmission paths of frequency bandwidth of approximately 300 to 3000 Hz.

The interface is provided with individual transmission path SF supervisory signaling.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.1 Local Transport Interface Groups (Cont'd)15.1.6 Interface Group 6 (USOC TPP6X)

Interface Group 6 provides DS1 level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive 24 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, a DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

(A) (USOC SLKS7)

Interface Group 6, used in conjunction with SS7, provides interconnection for common channel signaling access capability. It is also used in conjunction with 64CCC.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.1 Local Transport Interface Groups (Cont'd)15.1.7 Interface Group 7 (USOC TPP7X)

Interface Group 7 provides DS1C level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 3.152 Mbps, with the capability to channelize up to 48 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 48 voice frequency transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

15.1.8 Interface Group 8 (USOC TPP8X)

Interface Group 8 provides DS2 level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 6.312 Mbps, with the capability to channelize up to 96 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment in its office to derive up to 96 transmission paths of a frequency bandwidth of

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15. Interface Groups, Transmission Specifications and Channel Interfaces
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approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

15.1.9 Interface Group 9 (USOC TPP9X)

Interface Group 9 provides DS3 level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 672 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 672 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signal in D3/D4 format.

The interface is provided with individual transmission path bit stream supervisory signaling.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.1 Local Transport Interface Groups (Cont'd)15.1.10 Interface Group 10 (USOC TPPAX)

Interface Group 10 provides DS4 level digital transmission at the point of termination at the customer designated premises. The interface is capable of transmitting electrical signals at a nominal 274.176 Mbps, with the capability to channelize up to 4032 voice frequency transmission paths. Before the first point of switching, when analog switching utilizing analog terminations is provided, the Telephone Company will provide multiplex and channel bank equipment to derive up to 4032 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching or analog switching with digital carrier terminations is provided, the Telephone Company will provide, at the first point of switching, DS1 signal in D3/D4 format. The interface is provided with individual transmission path bit stream supervisory signaling.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.1 Local Transport Interface Groups (Cont'd)15.1.11 Available Premises Interface Codes

Following is a matrix showing, for each Interface Group, which premises interface codes are available as a function of the Telephone Company switch supervisory signaling and Feature Group or Service Arrangement. For explanations of these codes, see the Glossary of Channel Interface Codes in 15.3.1 following.

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group			
			A	B	C	D
			Basic Service Arrangement			
			ALA	ATA 950	ATA NEA	ATA XXX
1	L0	2LS2	X			
	L0	2LS3	X			
	G0	2GS2	X			
	G0	2GS3	X			
	L0, G0	2DX3	X			
	L0, G0	4EA3-E	X			
	L0, G0	4EA3-M	X			
	L0, G0	6EB3-E	X			
	L0, G0	6EB3-M	X			
	RV, EA, EB, EC	2DX3		X	X	X
	RV, EA, EB, EC	4EA3-E		X	X	X
	RV, EA, EB, EC	4EA3-M		X	X	X
	RV, EA, EB, EC	6EB3-E		X	X	X
	RV, EA, EB, EC	6EB3-M		X	X	X
	EA, EB, EC,	6EC3			X	X
	RV	2RV3-0		X	X	X
	RV	2RV3-T		X	X	X

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.1 Local Transport Interface Groups (Cont'd)15.1.11 Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group			
			A	B	C	D
			Basic Service Arrangement			
			ALA	ATA 950	ATA NEA	ATA XXX
2	LO, GO	4SF2	X			
	LO, GO	4SF3	X			
	LO	4LS2	X			
	LO	4LS3	X			
	LO	6LS2	X			
	GO	4GS2	X			
	GO	4GS3	X			
	GO	6GS2	X			
	LO, GO	4DX2	X			
	LO, GO	4DX3	X			
	LO, GO	6EA2-E	X			
	LO, GO	6EA2-M	X			
	LO, GO	8EB2-E	X			
	LO, GO	8EB2-M	X			
	LO, GO	6EX2-B	X			
	RV, EA, EB, EC	4SF2		X	X	X
	RV, EA, EB, EC	4SF3		X		
	RV, EA, EB, EC	4DX2		X	X	X
	RV, EA, EB, EC	4DX3		X		
	RV, EA, EB, EC	6DX2			X	
	RV, EA, EB, EC	6EA2-E		X	X	X
	RV, EA, EB, EC	6EA2-M		X	X	X
	RV, EA, EB, EC	8EB2-E		X	X	X
	RV, EA, EB, EC	8EB2-M		X	X	X

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.1 Local Transport Interface Groups (Cont'd)15.1.11 Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group			
			A	B	C	D
			Basic Service Arrangement			
			ALA	ATA 950	ATA NEA	ATA XXX
2 (Cont'd)	EA, EB, EC	8EC2-M			X	X
	RV	4RV2-0		X	X	X
	RV	4RV2-T		X	X	X
	RV	4RV3-0		X	X	
	RV	4RV3-T		x	X	
3	LO, GO	4AH5-B	X			
	RV, EA, EB, EC	4AH5-B		X	X	X
4*	LO, GO	4AH6-C	X			
	RV, EA, EB, EC	4AH6-C		X	X	X
5*	LO, GO	4AH6-D	X			
	RV, EA, EB, EC	4AH6-D		X	X	X
6	LO, GO	4DS9-15	X			
	LO, GO	4DS9-15L	X			
	RV, EA, EB, EC	4DS9-15		X	X	X
	RV, EA, EB, EC	4DS9-15L		X	X	X
7*	LO, GO	4DS9-31	X			
	RV, EA, EB, EC	4DS9-31		X	X	X
	LO, GO	4DS9-31L	X			
	RV, EA, EB, EC	4DS9-31L		X	X	X

* Interface groups 4, 5, and 7 are only available when ordered in conjunction with Feature Groups. They are not available with Basic Service Arrangements.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.1 Local Transport Interface Groups (Cont'd)15.1.11 Available Premises Interface Codes (Cont'd)

Interface Group	Telephone Company Switch Supervisory Signaling	Premises Interface Code	Feature Group			
			A	B	C	D
			Basic Service Arrangement			
			ALA	ATA 950	ATA NEA	ATA XXX
8*	LO, GO	4DS0-63	X			
	LO, GO	4DS0-63L	X			
	RV, EA, EB, EC	4DS0-63		X	X	X
	RV, EA, EB, EC	4DS0-63L		X	X	X
9	LO, GO	4DS6-44	X			
	LO, GO	4DS6-44L	X			
	RV, EA, EB, EC	4DS6-44		X	X	X
	RV, EA, EB, EC	4DS6-44L		X	X	X
10*	LO, GO	4DS6-27	X			
	LO, GO	4DS6-27L	X			
	RV, EA, EB, EC	4DS6-27		X	X	X
	RV, EA, EB, EC	4DS6-27L		X	X	X

15.1.12 Supervisory Signaling

For Interface Groups 1 and 2

DX Supervisory Signaling.
E&M Type I Supervisory Signaling,
E&M Type II Supervisory Signaling, or
E&M Type III Supervisory Signaling

For Interface Group 2

SF Supervisory Signaling, or
Tandem Supervisory Signaling

* Interface groups 8 and 10 are only available when ordered in conjunction with Feature Groups. They are not available with Basic Service Arrangements.

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(Cont'd)

15.1 Local Transport Interface Groups (Cont'd)

15.1.12 Supervisory Signaling (Cont'd)

For Interface Groups 6 and 10

These Interface Groups may, at the option of the customer, be provided with individual transmission path SF supervisory signaling where such signaling is available in Utility central offices. Generally such signaling is available only where the entry switch provides an analog, i.e., nondigital, interface to the transport termination.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.2 Transmission Specifications Switched Access Service15.2.1 Standard Transmission Specifications

Following are descriptions of the Standard Transmission Specifications available with Basic Service Arrangements Switched Access Service Feature Groups. The specific applications in terms of the Service Arrangements or Feature Groups and Interface Groups with which the Switched Access Standard Transmission Specifications are provided as set forth in 6.2.1.C, 6.2.2.C, 6.2.3.C and 6.2.4.C preceding.

(A) Type A Transmission Specifications

Type A Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measure Loss (EML) is ± 2.0 dB.

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The maximum Attenuation Distortion in the 404 to 2804 Hz frequency band relative to the loss at 1004 Hz is -1.0 dB to + 3.0 dB.

(3) C-Message Noise

The maximum C-Message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise</u>
less than 50	32 dBrnC0
51 to 100	34 dBrnC0
101 to 200	37 dBrnC0
201 to 400	40 dBrnC0
401 to 1000	42 dBrnC0

(4) C-Notch Noise

The maximum C-notch noise, utilizing a -16 dBm0 holding tone, is less than or equal to 45 dBrnC0.

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Echo Control, identified as Equal Level Echo Path Loss, and expressed as Echo Return Loss and Singing Return Loss, is dependent on the routing, i.e., whether the service is routed directly from the customer's point of termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	21 dB	14 dB
POT to End Office		
Direct	N/A	N/A
Via Access Tandem	16 dB	11 dB

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15. Interface Groups, Transmission Specifications and Channel Interfaces
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Standard Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination shall be equal to or greater than:

<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
5 dB	2.5 dB

(B) Type A Transmission Specifications

Type B Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is + 2.5 dB.

(2) Attenuation Distortion

The maximum Attenuation Distortion in the 404 to 2804 Hz frequency bank relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.2 Transmission Specifications Switched Access Service (Cont'd)15.2.1 Standard Transmission Specifications (Cont'd)(B) Type B Transmission Specifications (Cont'd)(3) C-Message Noise

The maximum C-message Noise for the transmission path at the route miles listed is less than or equal to:

<u>Route Miles</u>	<u>C-Message Noise*</u>	
	<u>Type B1</u>	<u>Type B2</u>
less than 50	32 dBrnC0	35 dBrnC0
51 to 100	33 dBrnC0	37 dBrnC0
101 to 200	35 dBrnC0	40 dBrnC0
201 to 400	37 dBrnC0	43 dBrnC0
400 to 10	39 dBrnC0	45 dBrnC0

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnC0.

(5) Echo Control

Echo Control, identified as Impedance Balance for ALA or FGA and ATA950 or FGB and Equal Level Echo Path Loss for ATANEA and ATAXXX, FGC and FGD and expressed as Echo Return Loss (ERL) and Singing Return Loss (SRL), is dependent on the routing, i.e., whether the service is routed directly from the customer's Point of Termination (POT) to the end office

* For access trunk arrangements NEA and XXX or for FGC and FGD only Type B2 will be provided. For Access Line arrangement or Access Trunk Arrangement 950 or for FGA and B, Type B1 or B2 will be provided as set forth in Technical Reference TR-NPL-000334.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.2 Transmission Specifications Switched Access Service (Cont'd)15.2.1 Standard Transmission Specifications (Cont'd)(B) Type B Transmission Specifications (Cont'd)(5) Echo Control (Cont'd)

or via an access tandem. The ERL and SRL also differ by Access Arrangement or Feature Group, type of termination, and type of transmission path. They are greater than or equal to the following:

	Echo <u>Return Loss</u>	Singing <u>Return Loss</u>
POT to Access Tandem		
- Terminated in 4-Wire trunk	21 dB	14 dB
- Terminated in 2-Wire trunk	16 dB	11 dB
POT to End Office		
- Direct	16 dB	11 dB
- Via Access Tandem		
o For ATA950 or FGB Access	8 dB	4 dB
o For ATANEA or FGC Access (Effective 4-Wire transmission path at end office)		
o For ATANEA or FGC Access (Effective 4-Wire transmission path at end office)	16 dB	11 dB
	13 dB	6 dB

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Standard Return Loss, expressed as Echo Return Loss and Singing Return Loss, on two-wire ports of a four-wire point of termination shall be equal to or greater than:

<u>Echo</u> <u>Return Loss</u>	<u>Singing</u> <u>Return Loss</u>
5 dB	2.5 dB

(C) Type C Transmission Specifications

Type C Transmission Specifications are provided with the following parameters:

(1) Loss Deviation

The maximum Loss Deviation of the 1004 Hz loss relative to the Expected Measured Loss (EML) is
 ± 3.0 dB.

(2) Attenuation Distortion

The maximum attenuation distortion in the 404 to 2804 Hz frequency bank relative to loss at 1004 Hz is
-2.0 dB to +5.5 dB.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.2 Transmission Specifications Switched Access Service (Cont'd)15.2.1 Standard Transmission Specifications (Cont'd)(C) Type C Transmission Specifications (Cont'd)(3) C-Message Noise

The maximum C-message Noise for the transmission path at the route miles listed is less than or equal to:

<u>C-Message Noise*</u>		
<u>Route Miles</u>	<u>Type C1</u>	<u>Type C2</u>
less than 50	32 dBrnC0	38 dBrnC0
51 to 100	33 dBrnC0	39 dBrnC0
101 to 200	35 dBrnC0	41 dBrnC0
201 to 400	37 dBrnC0	43 dBrnC0
400 to 1000	39 dBrnC0	45 dBrnC0

(4) C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBm0 holding tone is less than or equal to 47 dBrnC0.

* For Access Trunk Arrangements NEA and XXX or for FGC and FGD only Type C2 will be provided. For Access Line Arrangement or Access Trunk Arrangement 950 or for FGA and FGB, Type C1 or C2 will be provided as set forth in Technical Reference PUB 62500.

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Echo Control, identified as Return Loss and expressed as Echo Return Loss and Singing Return Loss, is dependent on the routing, i.e., whether the service is routed directly from the customer's Point of Termination (POT) to the end office or via an access tandem. It is equal to or greater than the following:

	<u>Echo Return Loss</u>	<u>Singing Return Loss</u>
POT to Access Tandem	13 dB	6 dB
POT to End Office		
- Direct	13 dB	6 dB
- Via Access Tandem (for FGB only)	8 dB	4 dB

15.2.2 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for the Feature Group arrangements. The specific applications in terms of the Feature Groups with which they are provided are set forth in 6.2.1.(C.), 6.2.2.(C.), 6.2.3.(C.), and 6.2.4.(C.) preceding. Following are descriptions of each.

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(1) Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 33 dB.

(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

	<u>604 to 2804 Hz</u>
less than 50 route miles	500 microseconds
equal to or greater than 50 route miles	900 microseconds

	<u>1004 to 2404 Hz</u>
less than 50 route miles	200 microseconds
equal to or greater than 50 route miles	400 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dBrnC0 threshold in 15 minutes is no more than 15 counts.

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The Second Order (R2) and Third Order (R3)
Intermodulation Distortion products are equal to or
greater than:

Second Order (R2)	33 dB
Third Order (R3)	37 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is
less than or equal to 5° peak-to-peak.

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2
Hz.

(B) Data Transmission Parameters Type DA(1) Signal to C-Notched Noise Ratio

The signal to C-Notched Noise Ratio is equal to or
greater than 30 dB.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.2 Transmission Specifications Switched Access Service (Cont'd)15.2.2 Data Transmission Parameters (Cont'd)(B) Data Transmission Parameters Type DB (Cont'd)(2) Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

	<u>604 to 2804 Hz</u>	
less than 50 route miles		800 microseconds
equal to or greater than 50 route miles		1000 microseconds
	<u>1004 to 2404 Hz</u>	
less than 50 route miles		320 microseconds
equal to or greater than 50 route miles		500 microseconds

(3) Impulse Noise Counts

The Impulse Noise Counts exceeding a 67 dBnC0 threshold in 15 minutes is no more than 15 counts.

(4) Intermodulation Distortion

The Second Order (R2) and Third Order (R3) Intermodulation Distortion products are equal to or greater than:

Second Order (R2)	31 dB
Third Order (R3)	34 dB

(5) Phase Jitter

The Phase Jitter over the 4-300 Hz frequency band is less than or equal to 7° peak-to-peak.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)

15.2 Transmission Specifications Switched Access Service (Cont'd)

15.2.2 Data Transmission Parameters (Cont'd)

(B) Data Transmission Parameters Type DB (Cont'd)

(6) Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes

This section explains the Channel Interface codes and Network Channel codes that the customer must specify when ordering Special Access Service. Included is an example which explains the specific characters of the code, a glossary of Channel Interface codes, impedance levels, Network Channel codes and compatible Channel Interfaces.

Example: If the customer specifies a NT Network Channel Code and a 2DC8-3 Channel Interface at the customer's premises, the following is being requested:

NT = Metallic Channel with a Predefined Technical
Specification Package (1)
2 = Number of physical wires at customer premises
DC = Facility interface for direct current or voltage
8 = Variable impedance level
3 = Metallic facilities (DC continuity) for direct current
low frequency control signals or slow speed data (30 baud)

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes15.3.1 Glossary of Channel Interface Codes and Options

<u>Code</u>	<u>Option</u>	<u>Definition</u>
AB -		accepts 20 Hz ringing signal at customer's point of termination
AC -		accepts 20 Hz ringing signal at customer's end user's point of termination
AH -		analog high capacity interface
-	B	60 khz to 108 khz (12 channels)
-	C	312 khz to 552 khz (60 channels)
-	D	564 khz to 3084 khz (600 channels)
CC -		Contact closure EC provided dry contact closure toward interface
CT -		Centrex Tie Trunk Termination
DA -		data stream in VF frequency band at customer's end
DB -		user's point of termination data stream in VF frequency band at customer's point of termination
DD -		DATAPHONE Select-A-Station (and TABS) interface at customer's point of termination
DE -		DATAPHONE Select-A-Station (and TABS) interface at the customer's end user's point of termination
DM -		Data stream in the VF band at CO location, interface at data modem in CO
	2	1200 Bps 212AR type modem operation
	3	1200 Bps 202T type modem operation
DS -		Digital hierarchy interface
	15	1.544 Mbps (DS1) format per PUB 41451 plus D4
	15E	8-bit PCM encoded in one 64 kbps of the DS1 signal
	15F	8-bit PCM encoded in two 64 kbps of the DS1 signal

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<u>Code</u>	<u>Option</u>	<u>Definition</u>
-	15G	8-bit PCM encoded in three 64 kbps of the DS1 signal
-	15H	14/11-bit PCM encoded in six 64 kbps of the DS1 signal
-	15J	1.544 Mbps format per PUB 41451
-	15K	1.544 Mbps format per PUB 41451 plus extended framing format
-	15L	1.544 Mbps (DS1) with SF signaling
-	27	274.176 Mbps (DS4)
-	27L	274.176 Mbps (DS4) with SF signaling
-	31	3.152 Mbps (DS1C)
-	31L	3.152 Mbps (DS1C) with SF signaling
-	44	44.736 Mbps (DS3)
-	44L	44.736 Mbps (DS3) with SF signaling
-	63	6.312 Mbps (DS2)
-	63	6.312 Mbps (DS2) with SF signaling
DU -		digital access interface
-	24	2.4 kbps
-	48	4.8 kbps
-	56	56.0 kbps
-	56A	64 kbps
-	96	9.6 kbps
-	A	1.544 Mbps format per PUB 41451
-	B	1.544 Mbps format per PUB 41451 plus D4
-	C	1.544 Mbps format per PUB 41451 plus extended framing format
DX -		duplex signaling interface at customer's point of termination

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<u>Code</u>	<u>Option</u>	<u>Definition</u>
DY -		duplex signaling interface at customer's end user's point of termination
EA -	E	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EA -	M	Type I E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EB -	E	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on E Lead.
EB -	M	Type II E&M Lead Signaling. Customer at POT or customer's end user at POT originates on M Lead.
EC -		Type III E&M signaling at customer POT
EX -	A	tandem channel unit signaling for loop start or ground start and customer supplies open end (dial tone, etc.) functions.
EX -	B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions.
GO -		ground start loop signaling - open end function by customer or customer's end user
GS -		ground start loop signaling - closed end function by customer or customer's end user
LA -		end user loop start loop signaling - Type A OPS registered port open end
LB -		end user loop start loop signaling - Type B OPS registered port open end

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<u>Code</u>	<u>Option</u>	<u>Definition</u>
LC -		end user loop start loop signaling - Type C OPS registered port open end
LO -		loop start loop signaling - open end function by customer or customer's end user
LR -		20 Hz automatic ringdown interface at customer with Utility provided PLAR
LS -		loop start loop signaling - closed end function by customer or customer's end user
NO -		no signaling interface, transmission only
PG -		program transmission - no dc signaling
-	1	nominal frequency from 50 to 15000 Hz
-	3	nominal frequency from 200 to 3500 Hz
-	5	nominal frequency from 100 to 5000 Hz
-	8	nominal frequency from 50 to 8000 Hz
PR		protective relaying*
RV -	0	reverse battery signaling, one way operation, originate by customer
-	T	reverse battery signaling, one way operation, terminate function by customer or customer's end user
SF -		single frequency signaling with VF band at either customer POT or customer's end user POT
TF -		telephotograph interface

* Available only for the transmission of audio tone protective relaying signals used in the protection of electric power systems during fault conditions.

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<u>Code</u>	<u>Option</u>	<u>Definition</u>
TV -		television interface
-	1	combined (diplexed) video and one audio signal
-	2	combined (diplexed) video and two audio signals
-	5	video plus one (or two) audio 5 kHz signal(s) or one (or two) two wire
-	15	video plus one (or two) audio 15 kHz signal(s)

15.3.2 Impedance

The nominal reference impedance with which the channel will be terminated for the purpose of evaluating transmission performance:

<u>Value (ohms)</u>	<u>Code(s)</u>
110	0
150	1
600	2
900	3+
135	5
75	6
124	7
Variable	8
100	9

- + For those interface codes with a 4-wire transmission path at the customer designated POT, rather than a standard 900 ohm impedance, the code (3) denotes a customer provided transmission equipment termination. Such terminations were provided to customers in accordance with the F.C.C. Docket No. 20099 Settlement Agreement.

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(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes15.3.3 Digital Hierarchy Channel Interface Codes (4DS)

Customers selecting the multiplexed four-wire DSX-1 or higher facility interface option at the customer designated premises will be requested to provide subsequent system and channel assignment data. The various digital bit rates in the digital hierarchy employ the channel interface code 4DS8, 4DS0 or 4DS6 plus the speed options indicated below:

<u>Interface Code and Speed Option</u>	<u>Nominal Bit Rate (Mbps)</u>	<u>Digital Hierarchy Level</u>
4DS8-15	1.544	DS1
4DS8-31	3.152	DS1C
4DS0-63	6.312	DS2
4DS6-44	44.736	DS3
4DS6-27	274.176	DS4

15.3.4 Service Designator/Network Channel Code Conversion Table

The purpose of this table is to show the relationship between the service designator codes (e.g. VGC, MT2, etc.) and the network channel codes that are used for:

<u>Service Designator Code</u>	<u>Network Channel Code</u>
MTC	MQ
MT1	NT
MT2	NU
MT3	NV
TGC	NQ

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(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes15.3.4 Service Designator/Network Channel Code Conversion Table
(Cont'd)

<u>Service Designator</u> <u>Code</u>	<u>Network Channel</u> <u>Code</u>
VGC	LQ
VGW	SE
VG1	LB
VG2	LC
VG3	LD
VG4	LE
VG5	LF
VG6	LG
VG7	LH
VG8	LJ
VG9	LK
VG10	LN
VG11	LP
VG12	LR
APC	PQ
AP1	PE
AP2	PF
AP3	PJ
AP4	PK
TVC	TQ
TV1	TV
TV2	TW
DA1	XA

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(Cont'd)15.3.4 Service Designator/Network Channel Code Conversion Table
(Cont'd)

<u>Service Designator Code</u>	<u>Network Channel Code</u>
DA2	XB
DA3	XG
DA4	XH
HC0	HS
HC1	HC
HC1C	HD
HC2	HE
HC3	HF
HC4	HG

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ACCESS SERVICE

15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces(C) Voice Grade

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
2AB2	2AC2	2DB2	2DA2	2LR2	2LR2
2AB3	2AC2	2DB3	2DA2	2LR3	2LR2
2CT3	2DY2	2DX3	2LA2	2LS	2GS
	4DS8*	2LB2	2LS		
	4DX2		2LC2		4GS
	4DX3		2L03		4LS
	4DY2		2LS2		
	4EA2-E	2LS3	2LS2	2LA2	
	4EA2-M	2LB2			
	4SF2	2G02	2GS2		2LC2
	4SF3		2GS3		
	6DX2		2LS3	2LA2	
	6DY2	2G03	2GS2		2LB2
	6DY3		2GS3		2LC2
	6EA2-E				
	6EA2-M	2GS	2GS	2N02	2DA2
	6EB2-E	2LS	2N02		
	6EB2-M	4GS			
	6EB3-E	4LS	2N03	2N02	
	8EB2-E		2PR2		
	8EB2-M	2L02	2LS2		
	8EC2		2LS3	2TF3	2TF2
	9DY2				
	9DY3	2L03	2LS2		
	9EA2		2LS3		
	9EA3				

* See 15.3.3 preceding for explanation

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces
(Cont'd)(C) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs			
4AB2	2AC2	4DS8- *	2AC2	4DS8*	4DG2		
	4AB2		2DA2		4LR2		
	4AC2		2DY2		4LS2		
	4SF2		2G02		4N02		
4AB3	2AC2		2G03		4PR2		
			2GS2		4RV2-T		
			2GS3		4SF2		
			2LA2		4SF3		
4AC2	2AC2		2LB2		4TF2		
			2LC2		6DA2		
			2L02		6DY2		
			2L03		6DY3		
4DA2	4DA2		2LR2		6EA2-E		
4DB2	2DA2		2LS2		6EA2-M		
			2LS3		6EB2-E		
			2N02		6EB2-M		
			2PR2		6GS-2		
			4DA2		2RV2-T	6LS2	
			4DB2		2TF2	8EB2-E	
			4N02		4AC2	8EB2-M	
			4PR2		4DA2	9DY2	
4DD3	2DE2		4DE2		9DY3		
			4DX2		9EA2		
			4DX3		9EA3		
			4DY2				
			4EA2-E				
			4EA2-M				

* See 15.3.3 for explanation.

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces
(Cont'd)(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4DX2	2DY2	4DX2	8EB2-E	4DX3	8EB2-M
	2LA2		8EB2-M		
	2LB2		9DY2		9DY2
	2LC2		9DY3		9DY3
	2L03		9EA2		9EA2
	2LS2		9EA3		9EA3
	2LS3				
	2LV2-T	4DX3	2DY2		
	2RX2		2LA2	4DY2	2DY2
	4DY2		2LB2		4DY2
	4DA2-E		2LC2		
	4EA2-M		2L03		
	4LS2		2LS2		
	4RV2-T		2LS3		
	4SF2		2RV2-T		
	4SF3		4DX2		
	6DY2		4DX3		
	6DY3		4DY2		
	6EA2-E		4EA2-E		
	6EA2-M		4EA2-M		
	6EB2-E		4LS2		
	6EB2-M		4RV2-T		
	6LS2		4SF2		
			4SF3		
			6DY2		
			6DY3		
			6EA2-E		
			6EA2-M		
			6EB2-E		
			6EB2-M		
			6LS2		
			8EB2-E		

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces
(Cont'd)(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4EA2-E	2DY2	4EA3-E	2DY2	4G02	2G02
	4DY2		4DY2		2G03
	4EA2-E		4EA2-E		2GS2
	4EA2-M		4EA2-M		2GS3
	4SF2		4SF2		4GS2
	6DY2		6DY2		4SF2
	6DY3		6DY3		6GS2
	6EB2-E		6EA2-E	4G03	2G02
	6EB2-M		6EA2-M		2GS2
	8EB2-E		6EB2-E		2GS3
	8EB2-M		6EB2-M		4GS2
	9DY2		8EB2-E		4SF2
	9DY3		8EB2-M		6GS2
4EA2-M	2DY2		9DY2	4GS	
	4DY2		9DY3		
	4EA2-M		9EA2		2GS
	4SF2		9EA3		2LS
	6DY2				4GS
	6DY3				4LS
	6EB2-E				
	6EB2-M				
	8EB2-E				
	8EB2-M				
	9DY2				
	9DY3				

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces
(Cont'd)(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
4L02	2LS2	4LS3	2LA2	4SF2	2L03
	2LS3		2LB2		2LR2
	4LS2		2LC2		2LS2
	4SF2		2L02		2LS3
	6LS2		2L03		2RV2-T
4L03			4SF2		4AC2
	2LS2	4N02			4DY2
	2LS3		2DA2		4LS2
	4LS2		2DE2		2RV2-T
	4SF2		2N02		4SF2
	6LS2		4DA2		6DY2
4LR2			4DE2		6DY3
	2LR2		4N02		6GS2
	4LR2		6DA2		9DY2
	4SF2				9DY3
4LR3		4RV2-0	2RV2-T	4SF3	
	2LR2		4RV2-T		2DY2
	4LR2		4SF2		2G03
	4SF2				2GS2
		4SF2	2AC2		2GS3
4LS	2GS		2DY2		2LA2
	2LS		2GS2		2LB2
	2GS		2GS3		2LC2
	2LS		2LA2		2L03
			2LB2		2LR2
			2LC2		
4LS2	2LA2				
	2LB2				
	2LC2				
	2L02				
	2L03				

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ACCESS SERVICE

15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces
(Cont'd)(C) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
4SF3	2LS2	6DA	4DA2	6DY3	2DY2
	2LS3		6DA2		4DY2
	2RV2-T	6DX2	2DY2		6DY2
	4DY2		4DY2	6DY3	
	4EA2-E		4EA2-E	6EA2-E	2AC2
	4EA2-M				
	4GS2		4EA2-M		2DY2
	4LR2				2LA2
	4LS2		4SF2	2LB2	
	4RV2-T		6DY2	2LC2	
	4SF2		6DY3	2L03	
	4SF3		6EA2-E	2LS2	
	6DY2		6EA2-M	2LS3	
	6DY3		6EB2-E	2RV2-T	
	6EB2-E		6EB2-M	4AC2	
	6EB2-M		8EB2-E	4DY2	
	6GS2		8EB2-M	4EA2-E	
	6LS2		9DY2	4EA2-M	
	9DY2		9DY3	4LS2	
	9DY3		9EA2	4RV2-T	
	9EA2		9EA3	4SF2	
	9EA3	6DY2	2DY2	4SF3	
4TF2	4DY2		6DY2		
	4TF2		6DY3		
			6EA2-E		
				6EA2-M	

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces
(Cont'd)(C) Voice Grade (Cont'd)

Compatible CIs		Compatible CIs		Compatible CIs	
6EA2-E	6EB2-E	6EA2-M	6DY2	6EB3-2	2DY2
	6EB2-M		6DY3		4DY2
	6LS2		6EA2-M		4EA2-E
	8EB2-E		6EB2-E		4EA2-M
	8EB2-M		6EB2-M		4SF2
	9DY2		6LS2		6DY2
	9DY3		8EB2-E		6DY3
			8EB2-M		6EA2-E
6EA2-M	2AC2	6EB2-E	9DY2	6EX2-A	6EA2-M
	2DY2		9DY3		8EB2-E
	2LA2				8EB2-M
	2LB2		2DY2		9DY2
	2LC2		4DY2		9DY3
	2L03		4SF2		9EA2
	2LS2		6DY2		9EA3
	2LS3		6DY3		
	2RV2-T		6EB2-E		
	4AC2		6EB2-M		2GS2
	4DY2		9DY2		2GS3
	4EA2-E		9DY3		2LS2
	4EA2-M				2LS3
	4LS2		6EB2-M		4GS2
	4RV2-T		2DY2		4LS2
	4SF2		4DY2		4SF2
	4SF3		4SF2		6GS2
			6DY2		6LS2
			6DY3		
			6EB2-M		
			9DY2		
			9DY3		

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces
(Cont'd)(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
6EX2-B	2G03	8EB2-E	2AC2	8EB2-M	2AC2
	2LA2		2DY2		2DY2
	2LB2		2LA2		2LA2
	2LC2		2LB2		2LB2
	2L02		2LC2		2LC2
	2L03		2L03		2L03
	2LR2		2LS2		2LS2
	4LR2		2LS3		2LS3
	4SF2		2RV2-T		2RV2-T
6G02			4AC2		4AC2
	2G02		4DY2		4DY2
	2GS2		4LS2		4LS2
	2GS3		4RV2-T		4RV2-T
	4GS2		4SF2		4SF2
	4SF2		4SF3		4SF3
6L02	6GS2		6DY2		6DY2
			6DY3		6DY3
	2LS2		6EB2-E		6EB2-E
	2LS3		6EB2-M		6EB2-M
	4LS2		6LS2		6LS2
	4SF2		8EB2-E		8EB2-M
6LS2	6LS2		8EB2-M		9DY2
			9DY2		9DY3
	2LA2		9DY3		
	2LB2				
	2LC2				
	2L02				
	2L03				
	4SF2				

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15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces
(Cont'd)(C) Voice Grade (Cont'd)

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
8EC2	2DY2	9DY2	2DY2	9EA3	2DY2
	4DY2		4DY2		4DY2
	4EA2-E		6DY2		4EA2-E
	4EA2-M		6DY3		4EA2-M
	4SF2		9DY2		6DY2
	6DY2				6DY3
	6DY3	9DY3	2DY2		6EA2-E
	6EA2-E		4DY2		6EA2-M
	6EA2-M		6DY2		6EB2-E
	6EB2-E		6DY3		6EB2-M
	6EB2-M		9DY2		8EB2-E
	8EB2-E		9DY3		8EB2-M
	8EB2-M				9DY2
	9DY2	9EA2	2DY2		9DY3
	9DY3		4DY2		9EA3
	9EA2		4EA2-E		
	9EA3		4EA2-M		
			6DY2		
			6DY3		
			6EA2-E		
			6EA2-M		
			6EB2-E		
			6EB2-M		
			8EB2-E		
			8EB2-M		
			9DY2		
			9DY3		
			9EA2		
			9EA3		

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ACCESS SERVICE

15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces
(Cont'd)(D) Program Audio (Cont'd)Compatible CIs2PG2-1 2PG1-1
 2PG2-12PG2-3 2PG1-3
 2PG2-32PG2-5 2PG1-5
 2PG2-52PG2-8 2PG1-8
 2PG2-8Compatible CIs4DS8-15E 2PG1-3
 2PG2-34DS8-15F 2PG1-5
 2PG2-54DS8-15G 2PG1-8
 2PG2-84DS8-15H 2PG1-1
 2PG2-1

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ACCESS SERVICE

15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces
(Cont'd)(E) Video

	<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>
2TV6-1	4TV6-15 4TV7-15	4TV6-5	4TV6-5 4TV7-5	6TV6-5	6TV6-5 6TV7-5
2TV6-2	6TV6-15 6TV7-15	4TV6-15	4TV6-15 4TV7-15	6TV6-15	6TV6-15 6TV7-15
2TV7-1	4TV6-15 4TV7-15	4TV7-5	4TV6-5 4TV7-5	6TV7-5	6TV6-5 6TV7-5
2TV7-2	6TV6-15 6TV7-15	4TV7-15	4TV6-15 4TV7-15	6TV7-15	6TV6-15 6TV7-15

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ACCESS SERVICE

15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces
(Cont'd)(F) Digital Data

<u>Compatible CIs</u>		<u>Compatible CIs</u>		<u>Compatible CIs</u>	
				4DU8-56	4DU5-56
4DS8-15	4DS8-15+	4DU5-24	4DU5-24	6DU5-24	6DU5-24
	4DU5-24	4DU5-48	6DU5-48	6DU5-48	6DU5-48
	4DU5-48			6DU5-56	6DU5-56
	4DU5-56	4DU5-96	4DU5-96	6DU5-96	6DU5-96
	4DU5-96				
	6DU5-24				
	6DU5-48				
	6DU5-96				

+ Available only as a cross connect of two individual channels of 1.544-Mbps facilities at a Telephone Company hub.

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ACCESS SERVICE

15. Interface Groups, Transmission Specifications and Channel Interfaces
(Cont'd)15.3 Special Access Channel Interface and Network Channel Codes
(Cont'd)15.3.5 Compatible Channel Interfaces
(Cont'd)(G) High CapacityCompatible Cis

4DS0-63	4DS0-63 4DU8-A, B or C 6DU8-A, B or C

4DS6-27	4DS6-27 4DU8-A, B or C 6DU8-A, B or C

4DS6-44 4DU8-A, B or C 6DU8-A, B or C	4DS6-44

4DS8-15	4DS8-15+ 4DU8-B 6DU8-8

Compatible CIs

4DS8-15J	4DU8-A 6DU8-A

4DS8-15K	4DU8-B 4DU8-C 6DU8-B 6DU8-C

4DS8-31	4DS8-31 4DU8-A, B or C 6DU8-A, B or C

4DU8-A, B or C	4DU8-A, B or C

+ Available only as a cross connect of two individual channels of 1.544-Mbps facilities at a Telephone Company hub.

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM)16.1 Service Description(A) Basic Channel Description

WaveMANSM is a fiber based, point-to-point, Wavelength service that allows customers to transport SONET OC48 or SONET OC192 data signals between networks. WaveMANSM transports SONET signals at one of two rates. An OC-48 (STM16) interface will be transported at a line rate of 2.4853 (2.5) Gigabits per second, while an OC192 (STM64) interface will be transported at a line rate of 9.95328 (10) Gigabits per second (Gbps). All basic service configurations provide a single direction of transmission.

Rates and charges for WaveMANSM Service are set forth in Section 16.2, following, with the exception of the services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. The rates and charges for the WaveMANSM Service in the MSAs that have received Phase II pricing flexibility are set forth in Section 22.

(N)

(N)

(B) Service Provisioning

(a) There are two provisioning options for WaveMANSM:

1. OC-48, which provides 2.4853 (2.5) Gigabits per second transport
2. OC-192, which provides 9.95338 (10) Gigabits per second transport

(b) WaveMANSM provides physical layer transport only. The Telephone Company assumes no responsibility for the through transmission of signals generated by the CPE, for the signals by the CPE, or address signaling to the extent the CPE performs addressing. Error detection and correction of data generated by the CPE is the customer's responsibility.

(c) The customer provided equipment (CPE) must deliver the data signals for WaveMANSM transport for the subscribed data service.

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Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)16.1 Service Description (Cont'd)(C) Rate Regulations

There are 7 basic rate elements, which apply to both OC-48 and OC-192 WaveMANSM service:

(T)

(1) Local Distribution Channel (LDC)

Local Distribution Channel (Same as Channel Termination) is the termination of WaveMANSM at a customer designated premise (node), as described in Section 7.2.1(A), consisting of the following two elements:

- (a) the termination equipment for the fiber optic facilities at each node and its serving wire center.
- (b) the fiber optic facility between each node and its serving wire center.

(2) Interoffice Mileage

Interoffice Transport facilities, which provide the transmission path between Serving Wire Centers associated with two customer designated premises, are comprised of Fixed and Per Mile rate elements.

(A) Mileage Measurement

(1) Standard Two Fiber Circuit

The mileage is calculated on the airline distance between the locations involved, i.e. the serving wire centers associated with two customer designated premises and an international boundary point, a serving wire center associated with a customer designated premise and a Telephone Company Hub, a serving wire center associated with a customer designated premise and a WATS Serving Office as described in Section 7.2.5.

(2) Diversely Routed Circuit

Mileage measurements for Access Services provisioned via an Inter-Wire Center Diversity will be based on the special routing; i.e. mileage measurements will be calculated between the Intermediate Serving Wire Centers along the circuit path of the diversely routed WaveMANSM service.

(3) Protected Four Fiber Circuit

For protected WaveMANSM service, mileage charges are applicable on both paths of the protected service. Both Fixed Mileage and Variable Mileage rates will be applied to each fiber path. Mileage measurements for the primary path will be calculated similar to a standard circuit.

Mileage measurements for the secondary path will be based on the special routing (i.e., mileage measurements will be calculated between the intermediate Wire Centers along the circuit path of the diversely routed WaveMANSM service).

(This page filed under Transmittal No. 127)

ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(C) Rate Regulations (Cont'd)(3) Repeater

Repeaters (Circuit Regenerators) provide essential detection and retransmission of WaveMANSM signals. Repeaters are provided as required by the Telephone Company when actual fiber facility loss between customer designated premises and/or central office locations exceed design limits. Repeaters will be located exclusively in Telephone Company central offices.

When protection options are ordered, as set forth in Section 16.1(J), additional repeaters may be necessary on the protected path as determined by the Telephone Company. The Repeater rate element will be applied to a protected circuit per fiber pair.

(N)

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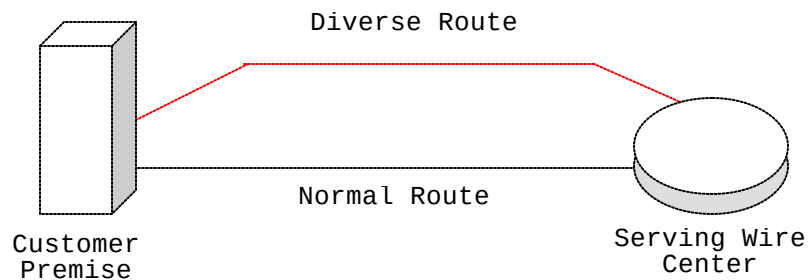
ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(C) Rate Regulations (Cont'd)(4) Local Channel Diversity

Local Channel Diversity provides for a transmission path between a designated customer premises and the standard Serving Wire Center (SWC) that is diverse from the normal/standard transmission path. With this arrangement, one or more local distribution channels will be provisioned over the standard route and one or more local distribution channels will be provisioned over the diverse route. Local Channel Diversity requires two circuits. Local Channel Diversity can be requested between a WaveMANSM circuit and a DecaMAN[®], GigaMAN[®] or FibreMAN circuit. Local Channel Diversity does not provide for all diversity, it only allows for diversity from the splice point closest to the customer's property line to the SWC. If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premises, at the customer's expense.

(5) Inter-Wire Center (IWC) Diversity

Inter-Wire Center (IWC) Diversity arrangements presume that each end of a WaveMANSM local distribution channel is served out of a different Serving Wire Center (SWC).

(N)

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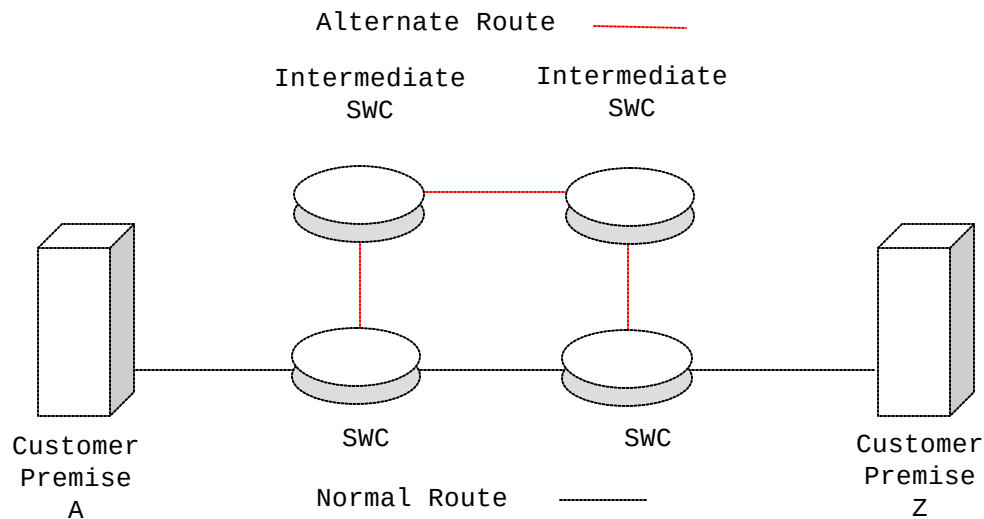
ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)16.1 Service Description (Cont'd)(C) Rate Regulations (Cont'd)(5) Inter-Wire Center (IWC) Diversity (Cont'd)

This arrangement provides a transmission path for WaveMANSM local distribution channels between the customer's designated SWC and the SWC at the distant end of the circuit over a transmission path that is separate from the standard transmission path between the two wire centers. IWC diversity requires two circuits. IWC diversity can be requested between a WaveMANSM circuit and a DecaMAN®, GigaMAN®, or FibreMAN circuit. IWC diversity does not provide for full diversity. It only offers interoffice diversity. If a customer desires full diversity, Alternate Wire Center Diversity must be implemented along with IWC Diversity. Additionally, arrangements must be made for constructing dual entrance facilities at the customer's premises, at the customer's expense.

(a) Inter-Wire Center Diversity (IWC) Mileage Measurement

Described in Section 16.1(C)(2)(A)(2).



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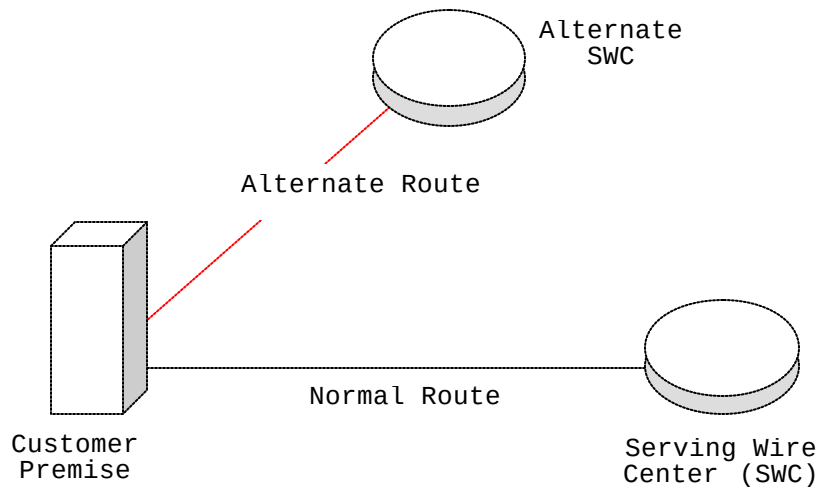
16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(C) Rate Regulations (Cont'd)(6) Alternate Wire Center Diversity

Alternate Wire Center Diversity is for the local loop only. It provides a local channel transmission path for WaveMANSM service between the customer's designated premises and a wire center that is not the normal (or standard) SWC. The Telephone Company will choose the alternate wire center closest to the customer's designated premises that is capable of providing WaveMANSM service over the alternate route. If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premises, at the customer's expense.

If the circuit routed to the alternative wire center has Interoffice Mileage, measurements will be based on the special routing; i.e. mileage measurements will be made to the alternate wire center rather than the serving wire center from which the customer designed premises would normally obtain dial tone.



(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(C) Rate Regulations (Cont'd)(7) Collocation Transport

Collocation Transport provides for the transmission facilities arrangement between a Telephone Company Central Office frame and a collocation frame located in the Telephone Company Central Office.

There are two components of Collocation Transport.

(a) Inter/Intra Office Fixed

Inter/Intra office fixed rate element provides for the electronic equipment required to terminate a channel between two collocation arrangements located either in the same Central Office (intra) or in two separate Central Offices (inter).

(b) Inter Office Per Mile

The per mile charge provides for the electronic equipment and facilities necessary to provide the interoffice transport between collocation arrangements.

The following types of collocation transport are:

OC-48
OC-192

In addition to one collocation transport charge, two EISCC charges of the speed from Section 18 will apply per collocation arrangement.

(N)

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16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(D) Rate Elements(1) Non-recurring Charges

Non-recurring Charges are one-time charges that apply for specific work activity related to the provisioning of WaveMANSM Service, as described in Section 7.2.2.

(2) Recurring Charges

Recurring Charges are rates that apply each month, or fraction thereof, that the service is provided. Recurring rates apply to 12-, 24-, 36-, or 60- month periods under the terms and conditions of Term Pricing Plans (TPP), as described below.

(3) Monthly Extension Rates

Upon expiration of a TPP, customer's service will automatically convert to the Monthly Extension Rates unless the customer requests a new TPP, disconnects service, or converts to an alternate service.

(E) Term Pricing Plan (TPP)

WaveMANSM is available for 12-, 24-, 36-, or 60-month term periods. If the Telephone Company initiates rate changes resulting in a decrease of rates for an existing service with a TPP, those rate changes will be passed along to the customer. Rate changes resulting in an increase of rates for an existing service with a TPP will not exceed the initial rate for that selected TPP.

(1) Renewals

At the expiration of a TPP, the customer must select one of the following options within one month prior to the expiration date:

- (a) Renew the service for a 12-, 24-, 36-, or 60- month TPP as provided in this tariff;
- (b) Elect to disconnect the service upon expiration of the TPP; or
- (c) Continue the service on a monthly basis at the prevailing Monthly Extension Rates.

All services under an existing TPP that are not renewed within the period stated above will revert to Option (1)(c) above and will be billed at the prevailing Monthly Extension Rates.

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(E) Term Pricing Plan (TPP) (Cont'd)(2) Conversions

During the customer's TPP, term conversions may be made to a new TPP term of the same or greater length. The expiration date of the new service must be beyond the expiration date of the original TPP term. With the new TPP, the customer incurs no liability for the remaining months on the original TPP.

An Administrative Charge is applicable when customers renew or change the length of the TPP term.

(3) Termination Liability

Customers requesting termination of service prior to the expiration date of the TPP term will be liable for a termination liability charge, as described below:

Billing Period	Termination Percentage
12 Month	85%
24 Month	85%
36 Month	75%
60 Month	60%

(Monthly Recurring Rate) X (Months Remaining in Billing) X
(Termination Percentage) = Termination Liability Charge

Example: A WaveMANSM Customer with a \$10,000.00 monthly recurring rate terminates service after 2 years with 1 year (12 months) remaining in a 3 year TPP. The termination liability would be calculated as follows:

\$10,000 X 12 X .75 = \$90,000.00 Termination Charge

(N)

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16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(F) Moves

Moves involve a change in the physical location of one of the following:

- (i) Service rearrangement;
- (ii) Point of Termination at the customer's premises; or
- (iii) Customer's premises.

Move charges are dependent upon the type of move requested by the customer.

(1) Service Rearrangement

Service rearrangements are changes to existing (installed) services, which do not result in a change in the minimum period requirements, as set forth in Section 7.2.2(C)(3).

(2) Moves Within the Same Building

When the move is to a new location within the same building, the Administration Charge and Customer Connection Charge for the service termination affected will apply. There will be no change in the minimum period requirements, as described in Section 7.2.3(A).

(3) Moves to a Different Building

Moves to a different building will be treated as a discontinuance therefore start of service, all associated Nonrecurring Charges, and new minimum period requirements, as described in Section 7.2.3(B), will apply.

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(F) Moves (Cont'd)

- (4) WaveMANSM customers subscribing to 36 Month and 60 Month Term Pricing Plans may move one end of the WaveMANSM service per the following regulations:

(a) A customer may move one end of the WaveMANSM service to a different premises in the same LATA, without incurring early termination liability charges for their existing WaveMANSM service, providing the following criteria are met, and are contingent upon the availability of fiber from premises to premises.

- i. Customers must have completed at least 15 months (for 3 year term plan), and 18 months (for 5 year term plan) of their existing WaveMANSM contracted term plan,
- ii. The customer subscribes to a new Term Pricing Plan period that is greater than the remaining months in the existing Term Payment Plan,
- iii. Nonrecurring Charges will apply where applicable,
- iv. Spare facilities and equipment must be available or special construction charges, as set forth in Pacific Bell Tariff F.C.C. No. 2, shall apply.

The moved service will require a disconnect of the existing WaveMANSM service and placement of an order for the new WaveMANSM service for the same customer of record as disconnected service.

The monthly rates for the new services(s) shall be those rates in effect at the time the new service(s) is being installed, requiring a disconnect of the existing WaveMANSM service and placement of an order for new WaveMANSM service.

The billing period revenue for the new service is equal to, or greater than, the billing period revenue remaining in the service being convert.

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(F) Moves (Cont'd)(4) WaveMANSM customers subscribing to 36 Month and 60 Month Term Pricing Plans may move one end of the WaveMANSM service per the following regulations: (Cont'd)

- (b) The WaveMANSM service is installed without protection and customer subsequently requests protection options after the WaveMANSM order has been completed, and customer premises locations remain the same. This will require a change to the customer premises based Telephone Company equipment. This change will be treated as an upgrade to the WaveMANSM service, and a new Nonrecurring Charge is applicable. This change will require a disconnect of the existing WaveMANSM service and placement of an order for the new WaveMANSM service for the same customer of record. With this upgrade, the customer will experience an out of service condition.
- (c) The WaveMANSM service was installed with protection options and the customer subsequently requests a move of the channel termination within the same building afterwards. This request may require a change to the customer premises based Telephone Company equipment, which will be determined by the Telephone Company. Nonrecurring Charges as set forth in Section 16.1(D)(1), preceding are applicable (one-half the Nonrecurring Charge for the channel termination). With this upgrade, the customer will experience an out of service condition.

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(G) Upgrade to WaveMANSM from Other Access Products

Other Access products may not upgrade to WaveMANSM without incurring applicable Termination Liability Charges, if any, on that current access product.

(H) Modification of Access Service

The customer may request a modification of its Access Order at anytime prior to notification by SWBT that service is available for the customer's use. SWBT will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours.

If the modification cannot be made with the work force during normal business hours, SWBT will notify the customer. If the customer still desires the Access Order Modification, SWBT will schedule a new service date. All charges for Access Order modifications will apply on a per occurrence basis as described in Section 5.2.2.

(I) Upgrade from OC-48 WaveMANSM to OC-192 WaveMANSM

Customers with one, two, three, or five year OC-48 WaveMANSM TPPs may, at any time, upgrade to OC-192 WaveMANSM without incurring the Termination Liability Charge, providing the following criteria are met:

- i. The customer subscribes to a Term Pricing Plan period that is equal to, or greater than, 12 months;
- ii. The expiration date for the new Term Pricing Plan period is beyond the end of the original Term Pricing Plan period;
- iii. No lapse in service occurs;
- iv. 100% of any waived or unamortized Nonrecurring Charges will apply, when applicable;
- v. The monthly rates for the new service(s) will be those rates in effect at the time the new service(s) is/are installed;
- vi. The new service is provided between the same customer locations and with the same customer of record as the disconnected service;
- vii. The billed monthly recurring revenue for the new service is equal to, or greater than, the billed monthly recurring revenue remaining in the service being converted;

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(J) Optional Features(1) Protection Options

Protection options are provisioned on the customers WaveMANSM service and the customer is not required to purchase a second WaveMANSM circuit for protection options. Protection options are applied on a per WaveMANSM circuit basis only.

Protection options are available where facilities and/or operating conditions permit. Where facilities and/or operating conditions do not permit, special construction charges, as set forth in Pacific Bell Tariff F.C.C. No. 2, may apply. Protection options provide additional levels of reliability to WaveMANSM service. There are multiple protection options offered. The options do not need to be the same, but both Channel Terminations of the WaveMANSM service must include some form of protection for the service to be considered protected.

The Telephone Company will design the protection option based upon the configuration of the customers WaveMANSM service.

Additional repeaters may be necessary on the protected path as determined by the Utility and as set forth in Section 16.1(C)(3).

Protection switching in less than 50 milliseconds will occur on WaveMANSM services with protection options, with the exception of Power Protection which is not Switch protected. Protection options are offered with a Service Level Agreement (SLA) that targets a service availability of 99.999%. SLAs are not applicable in the event of cable cuts in any unprotected portion of the WaveMANSM service fiber path, or when customer requested modifications to the service require down time.

WaveMANSM Protection Options are offered as follows:

- (a) Equipment Only Protection - per Termination End

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(J) Optional Features (Cont'd)(1) Protection Options (Cont'd)

(b) Equipment Plus Fiber Path Protection

- (1) Equipment Plus Alternate Wire Center Path Protection - per Terminating End
- (2) Equipment Plus Channel Termination Path Protection - per Terminating End
- (3) Inter Wire Center Path Protection - per Interoffice Segment

(c) Power Protection

(2) Equipment Only Protection

Equipment Only Protection offers one WaveMANSM signal routed on two different fiber pairs that co-exist in the same cable and conduit structure that terminate into two distinct and separate network terminating equipment devices at the customer's premises.

All protected configurations have one working and one standby path. In the event of a failure of the customer's transmission path, the WaveMANSM equipment will switch, within 50 milliseconds of detection, the customer's transmission to a dedicated standby path. In the event of a failure to both fiber transmission paths, an out of service condition will result. This form of protection can only be ordered per channel termination for each protected WaveMANSM service, and may also apply to the Inter-Wire center segment if the WaveMANSM service is served by more than one serving wire center.

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(J) Optional Features (Cont'd)(2) Equipment Only Protection (Cont'd)

If a customer requests complete protection extending to the SBC serving wire center from their premises location when utilizing Equipment Protection, they must request diverse entrance facilities into their premises at each end from the nearest SBC splice point closest to the customer premises location, this work is subject to special construction charges, as set forth in Pacific Bell Tariff F.C.C. No. 2.

(3) Equipment Plus Fiber Path Protection

Equipment Plus Fiber Path Protection offers varying degrees of path protection for each channel termination of the WaveMANSM service, plus the inter-wire segment if the service is served by more than one serving wire center, and is offered as follows:

(a) Equipment Plus Alternate Wire Center Path Protection

Equipment Plus Alternate Wire Center Path Protection offers one WaveMANSM signal routed over one fiber pair of the protected WaveMANSM service from the customer's premises to the customer's normal serving wire center, and a duplicate WaveMANSM signal routed over a diversely routed fiber pair to the Alternate Wire center selected by the Telephone Company.

If any location(s) between the two fiber paths is closer than ten feet, the location(s) will be disclosed to the customer. The customer will determine to accept the engineered path or agree to pay special construction charges, as set forth in Pacific Bell Tariff F.C.C. No. 2, to provide a completely diverse route where the ten foot allowance is not acceptable to the customer.

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(J) Optional Features (Cont'd)(3) Equipment Plus Fiber Path Protection (Cont'd)

(a) Equipment Plus Alternate Wire Center Path Protection (Cont'd)

Where facilities are not available, the customer may select Equipment Only Protection for an inter-office segment. This option can be selected for one or both channel terminations of the WaveMANSM service.

All protected configurations have one working and one standby path. In the event of a failure of the customer's transmission path, the WaveMANSM service will switch to a dedicated standby path within 50 milliseconds of detection. In the event of a failure to both fiber transmission paths, an out of service condition will result. This form of protection can only be ordered per channel termination for each protected WaveMANSM service.

If a customer requests complete protection extending to the SBC serving wire center from their premises location when utilizing Equipment Protection Plus Alternate Wire Center Path Protection, they must request diverse entrance facilities into their premises at each end from the nearest SBC splice point closest to the customer premise location. This work is subject to special construction charges, as set forth in Pacific Bell Tariff F.C.C. No. 2.

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(J) Optional Features (Cont'd)(3) Equipment Plus Fiber Path Protection (Cont'd)

(b) Equipment Plus Channel Termination Path Protection

Equipment Plus Channel Termination Path Protection offers a duplicate WaveMANSM signal routed over two diversely routed fiber paths, to the customer's normal serving wire center.

If any location(s) between two fiber paths is closer than ten feet, the location(s) will be disclosed to the customer. The customer will determine to accept the engineered path or agree to pay special construction charges, as set forth in Pacific Bell Tariff F.C.C. No. 2, to provide a completely diverse route where the ten foot allowance is not acceptable to the customer.

All protected configurations have one working and one standby path. In the event of a failure of the customer's transmission path, WaveMANSM technology will switch, within 50 milliseconds of detection, the customer's transmission to a dedicated standby path. In the event of failure to both fiber transmission paths, an out of service condition will result.

This form of protection can only be ordered per Channel Termination for each protected WaveMANSM service from the customers premises location, or from the manhole/splice point nearest the customer premises), to the Utility serving wire center.

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)16.1 Service Description (Cont'd)(J) Optional Features (Cont'd)(3) Equipment Plus Fiber Path Protection (Cont'd)

(b) Equipment Plus Channel Termination Path Protection (Cont'd)

If a customer requests complete protection extending to the SBC serving wire center from their premises location when utilizing Equipment Protection Plus Channel Termination Path Protection, they must request diverse entrance facilities into their premises at each end from the nearest SBC splice point closest to the customer premises location. This work is subject to special construction charges, as set forth in Pacific Bell Tariff F.C.C. No. 2.

(c) Inter-Wire Center Path Protection

Inter-Wire Center Path Protection offers a duplicate WaveMANSM signal routed over two diversely routed fiber paths, between the two serving wire centers or alternate wire centers. Path protection starts at the nearest manhole outside the Telephone Company serving wire center. Inter Wire Center Path Protection must be ordered with either Equipment Only, Channel Termination Path Protection or Alternate Wire Center Path Protection.

If any location(s) between the two fiber paths is closer than ten feet, the location(s) will be disclosed to the customer. The customer will determine to accept the engineered path or agree to pay special construction charges, as set forth in Pacific Bell Tariff F.C.C. No. 2 to provide a completely diverse route where the ten foot allowance is not acceptable to the customer.

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(N)

(N)

ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(J) Optional Features (Cont'd)(3) Equipment Plus Fiber Path Protection (Cont'd)(c) Inter Wire Center Path Protection
(Cont'd)

All protected configurations have one working and one standby path. In the event of a failure of the customer's transmission path, WaveMANSM technology will switch, within 50 milliseconds of detection, the customer's transmission to a dedicated standby path. In the event of a failure to both fiber transmission paths, an out of service condition will result. Mileage measurements are described in Section 16.1(C)(2)(A)(3).

(d) Power Protection

Power Protection provides WaveMANSM customers with battery backup for up to eight (8) hours to maintain WaveMANSM equipment in the event of a commercial AC power failure.

Power Protection is offered on a per equipment bay capacity basis, per customer premise, and depending upon the number of WaveMANSM services for the WaveMANSM customer of record. The Telephone Company will apply the power protection rate elements based upon the circuit capacity, and more than one element may be applicable. The Telephone Company will determine the design and engineering requirements for Power Protection for WaveMANSM customers.

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(J) Optional Features (Cont'd)(3) Equipment Plus Fiber Path Protection (Cont'd)

(d) Power Protection (Cont'd)

Customers in multi-tenant buildings will require separate equipment and bays dedicated to each customer.

The addition of Power Protection to existing WaveMANSM service may result in temporary service interruption.

Power Protection is not available for installations using the wall mounted cabinet.

Customers are responsible for providing floor space for power equipment, as set forth in Section 2.3.3 preceding.

(K) Allowance for Service Interruptions

A Service Level Agreement (SLA) is offered with fully-protected WaveMANSM service, which provides the customer with a performance commitment that includes financial compensation if the service does not perform as described.

Service availability performance 99.999% is offered on a WaveMANSM service with protection (defined as Equipment Plus Path Protection) for every segment of the service.

If this SLA is not met, the customer will be entitled to a credit equal to 100% of the monthly rate for the period of the interruption of service affecting that rate element(s), not to exceed the total monthly charges for the services. Only one such credit in a billing period will apply.

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.1 Service Description (Cont'd)(K) Allowance for Service Interruptions (Cont'd)

The service is considered interrupted when the customer reports a service disruption of greater than ten (10) consecutive seconds to the Telephone Company and the Telephone Company confirms that continuity of its service has been lost.

In order to qualify for this credit, the outage must be determined by the Telephone Company to be in its network and the failure occurred in that part of the service with the protection. SLA adjustments are not available in the event of a cable cut in any unprotected portion of the WaveMANSM service fiber path, or due to customer requested modifications to the service that may require down time.

SLAs are applicable to customers who purchase Equipment Plus Alternate Wire Center Path Protection or Equipment Plus Channel Termination Path Protection on both ends of a WaveMANSM service (both channel terminations), as well as Inter-Wire Center Path Protection when applicable. The customer is responsible for notifying the Telephone Company when the service parameter within the calendar month falls below the committed level. The customer must request a service credit adjustment within 25 days after the end of the month when the failure occurred.

(N)

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.2 Rates and Charges(1) Recurring Charges(a) OC-48

		Term Pricing Plan						NRC
		USOC	Monthly Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	
(1)	Local Distribution Channel							
	-Per Point of Termination Terminating Bit Rate 2.5 Gbps							
	-All States	TMECS	\$9,000.00	\$7,500.00	\$6,000.00	\$4,700.00	\$3,800.00	
(2)	Interoffice Transport Mileage							
	-Fixed							
	-All States	1L5XX	\$1,400.00	\$1,100.00	\$800.00	\$600.00	\$500.00	
	-Per Mile 2.5 Gbps							
	-All States	1L5XX	\$425.00	\$300.00	\$260.00	\$240.00	\$200.00	
(3)	Repeater -each	VU4	\$3,100.00	\$2,640.00	\$2,100.00	\$1,500.00	\$1,300.00	
(4)	Diversity Options							
	Local Channel Diversity							
	-Per Channel Terminating Bit Rate 2.5 Gbps							
	-All States	CPALX	\$1,400.00	\$1,200.00	\$1,000.00	\$900.00	\$800.00	\$850.00
	Inter Wire Center Diversity							
	-Per Channel Terminating Bit Rate 2.5 Gbps							
	-All States	CPATX	\$1,050.00	\$800.00	\$700.00	\$600.00	\$500.00	\$700.00
	Alternate Wire Center Diversity							
	-Per Channel Terminating Bit Rate 2.5 Gbps							
	-All States	CPAAX	\$2,500.00	\$1,900.00	\$1,700.00	\$1,400.00	\$1,200.00	\$950.00

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16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)16.2 Rates and Charges (Cont'd)(1) Recurring Charges (Cont'd)(a) OC-48 (Cont'd)

	USOC	Monthly Extension	12 Mo.	Term Pricing Plan			NRC
				24 Mo.	36 Mo.	60 Mo.	
(5) Protection - per WaveMAN SM service arranged							
-Equipment Only Protection, per terminating end	CPAEX	\$2,250.00	\$2,000.00	\$1,800.00	\$1,550.00	\$1,350.00	\$625.00
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	\$3,700.00	\$3,050.00	\$2,750.00	\$2,400.00	\$2,100.00	\$1,400.00
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	\$3,250.00	\$2,700.00	\$2,400.00	\$2,100.00	\$1,800.00	\$1,255.00
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	\$570.00	\$450.00	\$240.00	\$180.00	\$120.00	\$625.00
-Power Protection ⁽¹⁾	VBBGX	\$700.00	\$625.00	\$525.00	\$480.00	\$435.00	\$475.00
(6) -Collocation Transport facilities between Collocation Arrangements							
-Fixed	1H48S	\$5,200.00	\$4,100.00	\$3,250.00	\$2,800.00	\$1,800.00	
-Per Mile	1H48S	\$425.00	\$300.00	\$260.00	\$240.00	\$200.00	

(N)

(N)

⁽¹⁾ Power Protection rate elements are applicable, as set forth in 16.1(J)(3)(d), preceding.

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.2 Rates and Charges (Cont'd)(1) Recurring Charges (Cont'd)(b) OC-192

Term Pricing Plan

	USOC	Monthly Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	NRC
(1) Local Distribution Channel							
-Per Point of Termination Terminating Bit Rate 10 Gbps							
-All States	TMECS	\$22,770.00	\$18,000.00	\$15,000.00	\$10,500.00	\$9,000.00	
(2) Interoffice Transport Mileage							
-Fixed							
-All States	1L5XX	\$1,800.00	\$1,350.00	\$900.00	\$650.00	\$575.00	
-Per Mile 10 Gbps							
-All States	1L5XX	\$425.00	\$300.00	\$260.00	\$240.00	\$200.00	
(3) Repeater -each	VU4	\$7,920.00	\$6,600.00	\$5,280.00	\$3,840.00	\$3,280.00	
(4) Diversity Options							
Local Channel Diversity							
-Per Channel Terminating Bit Rate 10 Gbps							
-All States	CPALX	\$3,938.00	\$3,038.00	\$2,700.00	\$2,250.00	\$2,025.00	\$850.00
Inter Wire Center Diversity							
-Per Channel Terminating Bit Rate 10 Gbps							
-All States	CPATX	\$2,625.00	\$2,025.00	\$1,800.00	\$1,500.00	\$1,350.00	\$700.00
Alternate Wire Center Diversity							
-Per Channel Terminating Bit Rate 10 Gbps							
-All States	CPAAX	\$6,300.00	\$4,860.00	\$4,320.00	\$3,600.00	\$3,240.00	\$950.00

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)16.2 Rates and Charges (Cont'd)(1) Recurring Charges (Cont'd)(b) OC-192 (Cont'd)

	USOC	Monthly Extension	12 Mo.	Term Pricing Plan			NRC
				24 Mo.	36 Mo.	60 Mo.	
(5) Protection - per WaveMAN SM service arranged							
-Equipment Only Protection, per terminating end	CPAEX	\$9,000.00	\$8,250.00	\$7,350.00	\$6,300.00	\$5,400.00	\$3,000.00
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	\$14,760.00	\$12,300.00	\$11,040.00	\$9,600.00	\$8,400.00	\$4,500.00
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	\$13,140.00	\$10,950.00	\$9,900.00	\$8,550.00	\$7,350.00	\$4,200.00
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	\$1,425.00	\$1,125.00	\$600.00	\$450.00	\$300.00	\$625.00
-Power Protection ⁽¹⁾	VBBGX	\$700.00	\$625.00	\$525.00	\$480.00	\$435.00	\$475.00
(6) -Collocation Transport facilities between Collocation Arrangements							(N)
-Fixed	1H48S	\$9,600.00	\$6,700.00	\$4,800.00	\$4,200.00	\$3,800.00	
-Per Mile	1H48S	\$425.00	\$300.00	\$260.00	\$240.00	\$200.00	(N)

⁽¹⁾ Power Protection rate elements are applicable, as set forth in 16.1(J)(3)(d), preceding.

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ACCESS SERVICE

16. Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)

(N)

16.2 Rates and Charges (Cont'd)(2) Installation and Rearrangement Charges(a) OC-48

	USOC	Nonrecurring Charges ⁽¹⁾
(1) Administrative Charge per Order	ORCMX	\$60.00
(2) Design Central Office Connection Charge per circuit	NRMCK	\$600.00
(3) Customer Connection Charge per Termination	NRBBL	\$1,500.00

(b) OC-192

	USOC	Nonrecurring Charges ⁽¹⁾
(1) Administrative Charge per Order	ORCMX	\$60.00
(2) Design Central Office Connection Charge per circuit	NRMCK	\$600.00
(3) Customer Connection Charge per Termination	NRBBL	\$1,500.00

- ⁽¹⁾ The installation Non-recurring charges will be waived for customers purchasing a new 36 or 60 month term pricing plan. This waiver does not include moves and upgrade of services.

(N)

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ACCESS SERVICE

17. Operating Territory of the Telephone Company

The operating territory of the Telephone Company is comprised of the following locations, defined by the names of rate centers, for the state of Nevada.

<u>RATE CENTER</u>	<u>LATA</u>	<u>RATE CENTER</u>	<u>LATA</u>
Acoma	720	Carrara	721
Adobe Hill	720	Carson City	720
Alamo	720	Carson Plains	720
Amargosa	721	Carson Sink	720
		Charleston	720
Angel Peak	721	Churchill Butte	720
Argenta	720	Clover Creek	720
Atlas Precious Metals	720	Coaldale Nos.	720
Austin	720	Cobre	720
		Coeur D'Alene Mines	720
Baker	720	Cold Springs	720
Barclay	720	Columbus	720
Battle Mountain	720	Copper Canyon	720
Battle Mountain		Corn Creek	721
Low Frequency		Cosgrave	720
Range Station	720	Cottonwood Creek	721
Battle Mountain		Crescent Valley	
Vortac Site	720	Toll Region	720
Bear Mountain	720	Crystal Bay	720
Beatty	721	Currant Toll Region	720
Beatty Airport	721	Denio Toll Region	720
		Desert Valley Toll	
		Region	720
Black Mountain	720	Diamond Valley	
Blair Junction	720	Toll Region	720
Blue Diamond	721	Dicalite	720
Boulder City	721	Dixie Valley	720
Boyer Ranch	720		
		Dolly Varden	720
Cactus Flat	720		
Caliente	720		
Candelaria	720		
Carico Valley	720		
Carlin	720		

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ACCESS SERVICE

17. Operating Territory of the Telephone Company (Cont'd)

<u>RATE CENTER</u>	<u>LATA</u>	<u>RATE CENTER</u>	<u>LATA</u>
Eagle Ridge	720	Jean	721
Eldorado	721		
Elko	720	Kasock Mountain	720
Ely	720	Kimberly	720
Empire	720		
Eureka	720	Lages Station	720
		Lake Mead	721
Fallon	720	Lake Valley	720
Fergusons Station	720	Lamoille	720
Fernley	720	Las Vegas	721
Fish Creek	720	Lathrop Wells	721
Fish Lake Valley	720	Laughlin	721
FMC - Paradise Peak	720	Lee-Jiggs	720
Frenchmans Station	720	Lida Junction	720
		Logandale	721
Gabbs	720	Lovelock	720
Gardnerville	720	Lucky Day Mine	720
		Lund	720
Geiger	720	Mack Creek Nos.	720
Glenbrook	720	Maggie Creek	720
Glendale	721	Manhattan	720
Gold Creek	720		
Goldfield	720		
Gold Mountain	720		
Grayson Ranch	720	Mc Clellan Peak	720
Greely Crossing	720	Mc Clusky Peak	720
Hawthorne	720		
Henderson	721	Mc Cullough Range	720
Hot Creek Valley	721	Mc Dermitt	720
Hualapai	720	Mc Gill	720
		Mesquite	660
		Middle Gate	720
Imlay	720	Millers Corner	720
Independence Range	720	Mina	720
Indian Springs	721	Mina Aftac	
		Seismic Station	720
Jackpot	652		

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17. Operating Territory of the Telephone Company (Cont'd)

<u>RATE CENTER</u>	<u>LATA</u>	<u>RATE CENTER</u>	<u>LATA</u>
Montello	721		
Montezuma	720		
Montgomery Pass	720	Pinto Creek	720
Moorman Ranch	720	Pioche	720
Mountain City	652	Pioche Transfer East	720
Mount Charleston	721	Pioche Transfer	
Mount Davidson	720	North	720
Mount Lewis	720	Pond Peak	720
Mount Moses	720	Primeaux Station	720
Mount Potosi	720	Pyramid Lake	
Mount Tobin	720	Toll Region	720
Nelson	721	Rabbit Springs	720
Nevada Test Site	721	Ragan Creek	720
NTS Toll Region	721	Railroad Valley	720
Nixon	720	Rainer	721
North Fork	720	Red Rock	720
Oasis	720	Reese Valley	720
Orovada	720	Reno	720
Owyhee	652	Rhyolite	721
Pahrump	721	Rib Hill	720
Palisade	721	Riggs	720
Panaca	720	Rodeo Creek	720
Paridise Valley	720	Round Mountain	720
		Rowland	720
		Ruby Valley	720
		Rutabaga	720
		Rye Patch	720
		Sand Springs	720
		Sandy Valley	721
		Sarcobatus Flat	720

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17. Operating Territory of the Telephone Company (Cont'd)

Sawmill Canyon	720	Sweetwater	720
Schurz	720	T Lazy S Ranch	720
Searchlight	721	Tenneco	720
Silver Peak	720	Tonopah	720
Silver Springs	720	Topaz Lake	720
Smith Valley	720	Toulon	720
Soda Springs	720	Trinity	720
		Tuscarora	720
		Twin Springs	720
Spotted Range	721	Upper Muddy	721
Spring Valley			
Toll Region	720	Virginia City	720
Squaw Mountain	720	Vista Mountain	720
Stateline			
(Douglas Co.)	720	Warm Springs Station	720
Summit Springs	720	Wells	720
		Wendover	660
		Winnemucca	720
Sutcliff	720	Yerington	720
			720

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ACCESS SERVICE

18. Expanded Interconnection Service18.1 General

Expanded Interconnection Service (EIS) is available to customers who are placing central office equipment necessary to terminate basic transmission facilities, including optical terminating equipment and multiplexers, pursuant to Federal Communications Commission Report and Order and Notice of Proposed Rulemaking in CC Docket 91-141, released October 19, 1992 and the Second Report and Order and Third Notice of Proposed Rulemaking, released September 2, 1993.

18.1.1 Service Description

Expanded Interconnection Service provides a customer with space and associated requirements such as power and environmental conditioning within a Telephone Company serving wire center to locate certain fiber optic or microwave facilities and equipment, and a connection to certain Telephone Company provided Special Access High Capacity or Switched Access Services. EIS channel terminations will be DS1 and DS3 interconnections only. Additional Special Access service speeds may be sought via bona fide request. Switched Access Services will be provided via the EISCT for Switched Access.

18.1.2 General Regulations

The regulations described herein are supplemented by and in addition to the terms and conditions specified in the EIS Application, other sections of this tariff and other tariffs of the Telephone Company.

(A) Provisions

- (1) EIS will be provided subject to the regulations, rates and charges contained in this tariff.

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.1 General (Cont'd)18.1.2 General Regulations (Cont'd)(A) Provisions (Cont'd)

- (2) The Telephone Company's obligation to provide EIS is contingent upon the Telephone Company's receipt of a separate signed Agreement and prepayment of the nonrecurring charges specified in Section 18.8.1.
- (3) Subject to the availability of space and facilities in each Central Office, EIS will be available on a first-come first-served basis to collocators who provide their own fiber optic link or microwave to Telephone Company central offices designated as interconnection sites.
- (4) EIS will be provided subject to the availability of space and facilities in each central office as designated in the National Exchange Carriers Association (NECA) Tariff F.C.C. No. 4. Expanded Interconnection Service will be made available upon bona fide request in additional offices, pursuant to the Commission's October 19, 1992 and September 2, 1993 Order in CC Docket 91-141. Within 45 days of receipt of a bona fide request for EIS Service in a Telephone Company Central Office not currently tariffed, the Telephone Company will tariff the requested central office, to become effective on 45 days notice.

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18. Expanded Interconnection Service (Cont'd)18.1 General (Cont'd)18.1.2 General Regulations (Cont'd)(A) Provisions (Cont'd)

- (5) Shared use occurs when Special Access Service and Switched Access Service are provided over the same EIS Connection to Special Access. Rules for Shared Use for Special Access are described in Section 7.2.7, preceding.

The customer must place an order for each individual Switched Access Service utilizing the shared use EISCT and specify the channel assignment for each service, as appropriate.

Rates and Charges as described herein and 18.8.2 following will apply when each individual channel of the Shared Use EISCT is used to connect to Special Access Service. Rates and Charges as set forth herein and 18.8.2 will apply when each individual channel of the Shared Use EISCT is used to provide Switched Access Service. As each individual Switched Access service channel is activated, the EIS Connection to Special Access rates will be reduced accordingly, e.g., 1/24th for DS1 service and 1/672nd for DS3 service.

- (6) The Telephone Company reserves the right to reclaim floor space, in use and/or pending use, as well as cable space or conduit space, from an EIS customer for any violations of those IS provisions outlined in 18.5 or 18.7 following. In the case of violations to those provisions outlined in 18.5 or 18.7, the customer will be notified and given an opportunity to cure the violation before service is terminated.
- (7) Customers in existing condominium arrangements that seek to purchase EIS will not be required to route fiber optic facilities out of the building and back into the building. Such customers will be required to rent additional floor space and furnish it with appropriate electronic transmission equipment and fiber optic cable. Such customers will be required to compensate the Telephone Company for the cost of installing fiber optic cable from the entry point to the Interconnection Chamber.

Nevada Bell's filing of this tariff page does not constitute a waiver of the Company's right to appeal any issue arising from the FCC's Second Report and Order in CC Docket No. 93-162, FCC 97-208.

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.1 General (Cont'd)18.1.2 General Regulations (Cont'd)(A) Provisions (Cont'd)

- (8) The Interconnector may not assign or transfer the use of EIS; except where there is no interruption of use or relocation of the EIS; assignment or transfer may be made of the service to an affiliate or upon transfer of control, provided that the affiliate or party now assuming control has assumed of the collocater all outstanding indebtedness for and obligations associated with the EIS.

In all cases of assignment or transfer, the written acknowledgment shall be made within 15 days from the receipt of notification. All regulations and conditions contained in this tariff shall apply to such assignee or transferee.

- (9) The Telephone Company will accept Letters of Authorization that authorize interconnector's customers to order and be billed for EIS Channel Termination.

18.2 Physical Expanded Interconnection Service(A) Interconnection Chamber and Occupancy Provisions

An EIS customer may establish an Interconnection Chamber at each Telephone Company Central Office to which the customer constructs fiber optic interconnection cable(s). The Interconnection Chamber may be established subject to the following provisions:

- (1) An Interconnection Chamber will be made available to each Interconnector in a minimum of 100 square foot increments, per central office. Additional space will be made available, where feasible, in a minimum of 100 square foot increments.

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.2 Physical Expanded Interconnection Service (Cont'd)(A) Interconnection Chamber and Occupancy Provisions (Cont'd)

- (2) In addition to floor space, the Telephone Company will provide Preferred AC power, heat, air conditioning and other environmental supports to the EIS customer's Interconnection Chamber, in the same manner in which it provides such support times to its own equipment within that Central Office. Preferred DC power is available as an option at the EIS customer's request.
- (3) The Telephone Company may enclose the EIS customer's Interconnection Chamber in an area or room in which the customer may locate the customer provided equipment needed to terminate basic transmission facilities, including optical terminating equipment and multiplexers.
- (4) Prior to the installation of an EIS arrangement, the Telephone Company will work cooperatively with the interconnector to develop plans associated with the following EIS customer activities:
 - entry point into the manhole
 - entrance conduit
 - routing of cables
 - splice locations
 - length of fiber (including innerduct)

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)

18.2 Physical Expanded Interconnection Service (Cont'd)

(A) Interconnection Chamber and Occupancy Provisions (Cont'd)

- (5) The Telephone Company will designate a Point of Termination (POT) within each interconnector's Customer Designated Premises which will be the physical demarcation point between the interconnector's equipment and the Telephone Company's equipment. The Telephone Company will be responsible for all installation, maintenance and related activities associated with its equipment up to the Point of Termination.

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18. Expanded Interconnection Service (Cont'd)18.2 General Regulations (Cont'd)(A) Interconnection Chamber and Occupancy Provisions (Cont'd)

- (6) An interconnector must place EIS facilities/equipment in unused allocated Interconnection Chamber floor space within 180 days of receipt of notification by the Telephone Company of the need for the space or be subject to having the lease revoked by the Telephone Company.
- (7) The Interconnector's equipment to be installed in the Interconnection Chamber must either be on the Telephone Company's list of approved products, or equipment that complies with the Bellcore Network Equipment Building System (NEBS), Generic Equipment Requirements (Documented in TR-EOP-000063) and Nevada Bell's Central Office Equipment Installation Job Acceptance Handbook and any statutory (local, state and/or federal) requirements in effect at the time or subsequent to equipment installation.

Nevada Bell's filing of this tariff page does not constitute a waiver of the Company's right to appeal any issue arising from the FCC's Second Report and Order in CC Docket No. 93-162, FCC 97-208.

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18. Expanded Interconnection Service (Cont'd)18.2 Physical Expanded Interconnection Service (Cont'd)(A) Interconnection Chamber and Occupancy Provisions (Cont'd)

- (9) The Telephone Company will permit the EIS customer's employees, agents and contractors, to have access to the areas where the EIS customer's Interconnection Chamber is located at all reasonable times, provided that the EIS customer's employees, agents and contractors comply with the policies and practices of the Telephone Company pertaining to fire, safety and security.

The Telephone Company will also permit the EIS customer's employees, agents and contractors to have access to the EIS customer's cable and associated equipment, e.g., repeaters.

Access to nonsecured areas will be provided via escort service, by designated Telephone Company personnel. Labor rates as set in Section 13 preceding, will apply. This will apply for access to riser cable, cableways, and any room or area through which necessary access is available.

- (10) EIS customers will not be permitted to resell or sublease their Interconnection Chamber space. EIS customers will not be permitted to interconnect facilities with another interconnector's facilities within the Telephone Company's Central Office.
- (11) The EIS customer may use the Interconnection Chamber solely for the purpose of installing, maintaining, and operating the Interconnector's owned or leased equipment to terminate fiber transmission facilities which are used in providing interstate special access or switched transport services that interconnect with the Telephone Company's interstate access services.

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.2 Physical Expanded Interconnection Service (Cont'd)(A) Interconnection Chamber and Occupancy Provisions (Cont'd)(12) Additional Space and Efficient Use of Space

- (a) The initial space granted to Interconnector for the Interconnection Chamber is subject to requirement of 100 square feet. Additional space may be provided on an as needed basis where feasible if Interconnector's existing space is being "efficiently used" as defined in paragraph C below. Interconnector can request additional space, by ordering it in accordance with procedures set forth previously in this Section.
- (b) Upon Interconnector's request, the Telephone Company will make best efforts to provide the additional space contiguous with the Interconnection Chamber. However, the Telephone Company makes no guarantee that additional space is available or that it will be contiguous. Where contiguous space is not reasonably available, customer may request direct cabling between non-contiguous Interconnection Chambers at rates specified in 18.8.2 following Cable and Innerduct Pull and Cable Splice. Interconnector may not reserve any additional space or any additional Cable or Conduit Spaces.

Nevada Bell's filing of this tariff page does not constitute a waiver of the Company's right to appeal any issue arising from the FCC's Second Report and Order in CC Docket No. 93-162, FCC 97-208.

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18. Expanded Interconnection Service (Cont'd)18.2 Physical Expanded Interconnection Service (Cont'd)(A) Interconnection Chamber and Occupancy Provisions (Cont'd)(12) Additional Space and Efficient Use of Space (Cont'd)

- (c) For purposes of this arrangement, "efficiently used" shall mean that substantially all of the floor space is taken up by operating transmission equipment, placed no greater than 20% above the minimum distances permitted by NEBS. The determination as to whether or not this criterion is met is solely within the reasonable judgment of Telephone Company.
 - (d) After additional space is granted, the Interconnector must continue to "efficiently use" all previously occupied Interconnection Chamber space.
- (13) In the event of catastrophic loss, resulting in damages to the central office and the customer's Interconnection Chamber, the Telephone Company will work cooperatively with the customer to notify them of the Company's plans to rebuild and/or repair physical collocation space as soon as is practicable.
- (14) If at any time it becomes necessary for the Telephone Company to relocate the customer's Interconnection Chamber, the Company will make all reasonable efforts to minimize disruption of the customer's services. Reasons for relocation could include, but are not limited to unexpected growth, technological or regulatory changes, or other developments that are inherently unforeseeable. If it becomes necessary for the Company to relocate the customer to either a central office at a new location or to a new location within the current central office for reasons other than an immediate emergency, the Company will provide the customer with at least 180 days advance written notice.

Nevada Bell's filing of this tariff page does not constitute a waiver of the Company's right to appeal any issue arising from the FCC's Second Report and Order in CC Docket No. 93-162, FCC 97-208.

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation18.3.1 Basic Description

This Section of the Access Service Tariff provides for Virtual Collocation for the purpose of interconnecting to the Telephone Company for the transmission and routing of telephone exchange service and exchange access pursuant to 47 U.S.C. §251 (c)(2).

The Telephone Company will offer, at the collocater's request, virtual collocation in central offices where physical collocation space is available or where physical collocation space is not available.

Virtual collocation will be provided wherein the Telephone Company maintains and repairs the virtually collocated equipment consistent with the terms and conditions and rates as provided for in Sections 18.3 and 18.8.2 of this tariff.

Virtual Collocation in the Central Office is available for interconnection with the Telephone Company for the transmission and routing of telephone exchange service and exchange.

The Telephone Company will exercise physical control over any equipment deployed for the purposes of Virtual Collocation.

A description of the rate categories applicable to Virtual Collocation for the purpose of interconnecting to the Telephone Company within the Telephone Company's Central Offices is contained in 18.3.15. (Rate Regulations).

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.2 Virtual Collocation for Interconnection to the Telephone Company

Virtual Collocation provides for interconnection between the Telephone Company and the facilities of a virtual Collocator and is available for the transmission and routing of telephone exchange service and exchange access in the Telephone Company Central Offices.

Virtual Collocation is available at the Telephone Company wire centers as specified in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4.

Virtually collocated equipment is available as follows:

- (A) A Collocator shall purchase from the vendor the equipment to be virtually collocated subject to the provisions as set forth in 18.3.2(B) below and the equipment conforming to industry safety standards as described in the Telephone Company's Technical Publication.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.2 Virtual Collocation for Interconnection to the Telephone Company (Cont'd)

- (B) The Collocator may locate all equipment used or useful for interconnection to the Telephone Company under 47.U.S.C. 251 (C) (2), regardless of whether such equipment includes a switching functionality, provides enhanced services capabilities, or offers other functionalities. The Telephone Company will permit the collocation of equipment such as DSLAMs, routers, ATM multiplexers, and remote switching modules in the Telephone Company Central offices. The Telephone Company may not place any limitations on the ability of collocators to use all the features, functions, and capabilities of collocated equipment, including but not limited to, switching and routing features and functions. The collocator will certify in writing to the Telephone Company that the equipment is used or useful for interconnection. In the event that the Telephone Company believes that the collocated equipment will not be or is not being used for interconnection, the Collocator will be given ten (10) business days to comply with the requirements or remove the equipment from the collocation space. In the event that the parties do not resolve the dispute, the Telephone Company may file a complaint at the Commission seeking a formal determination that the equipment cannot be collocated in a the Telephone Company Central office. While the dispute is pending, the Telephone Company will not prevent or otherwise delay installation of the disputed equipment in the Collocation space.

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.2 Virtual Collocation for Interconnection to the Telephone Company (Cont'd)

(B) (Cont'd)

Regarding safety, Collocator equipment or operating practices representing a significant demonstrable technical or physical threat to the Telephone Company's personnel, network or facilities, including the Eligible Structure, or those of others are strictly prohibited. Regarding safety and notwithstanding any other provision hereof, the characteristics and methods of operation of any equipment or facilities placed in the virtual collocation space shall not create hazards for or cause damage to those facilities, the virtual collocation space, or the Central Office in which the virtual collocation space is located; impair the privacy of any communications carried in, from, or through the Central Office in which the virtual collocation space is located; or create hazards or cause physical harm to any individual or the public. In the event that the Telephone Company believes that the collocated equipment does not meet the minimum safety standards above, the Collocator will be given ten (10) business days to comply with the requirements or remove the equipment from the collocation space. In the event that the parties do not resolve the dispute, the Telephone Company may file a complaint at the Commission seeking a formal determination that the equipment cannot be collocated in a the Telephone Company Central Office. While the dispute is pending, the Telephone Company will not prevent or otherwise delay installation of the disputed equipment in the Collocation space. Any of the foregoing would be in violation of this tariff.

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.2 Virtual Collocation for Interconnection to the Telephone Company (Cont'd)

(B) (Cont'd)

The Telephone Company requires that all equipment to be collocated in the Telephone Company's Central Offices meet Level 1 safety requirements as set forth in the Telephone Company TP 76200MP, but the Telephone Company may not impose safety requirements on the collocators that are more stringent than the safety requirements it imposes on its own equipment. The Telephone Company may not deny collocation of collocator's equipment because the equipment fails to meet the Telephone Company TP76200MP reliability standards. In the event that the Telephone Company believes that the collocated equipment will not be or is not being used for interconnection or determines that the collocator's equipment does not meet the Telephone Company TP76200MP Level 1 Safety requirements, the collocator will be given ten (10) business days to comply with the requirements or remove the equipment from the collocation space. If the parties do not resolve the dispute, the Telephone Company or collocator may file a complaint at the Commission seeking a formal resolution of the dispute. If it is determined that the collocator's equipment is not the Telephone Company TP76200MP Level 1 Safety compliant, the Collocator will be responsible for removal of the equipment and all resulting damages.

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18. Expanded Interconnection Service (Cont'd)18.3.2 Virtual Collocation for Interconnection to the Telephone Company (Cont'd)

- (C) A Collocator may arrange for a mutually agreed upon approved vendor/contractor to engineer and install the virtually collocated equipment the Collocator purchases and the Collocator may pay the vendor/contractor directly. The installation contractor and their activity will be under the direction and control of Collocator who will ensure that the installation contractor meets all standards and requirements for installation of equipment, as required under this Tariff. If the Telephone Company chooses to have its personnel present when the collocator equipment is installed, then the Telephone Company's presence will be at its own expense. However, if the Telephone Company demonstrates that the collocator contractor has or would have violated any standard or requirement for installation of equipment, as required under this tariff, collocator is responsible for the quantifiable expense incurred by the Telephone Company.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)

18.3 Virtual Collocation (Cont'd)

18.3.3 Provisioning

The Telephone Company will designate the location or locations within its wire centers for the placement of all equipment and facilities associated with virtual collocation. Virtual collocation does not involve the reservation of segregated central office space for the use of collocators.

The Telephone Company will provide Virtual Collocation for comparable equipment as it provides to itself in the central office.

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.4 Collocator Responsibilities

The Collocator will provide, under this section of the tariff, at its expense, all facilities and equipment required to facilitate interconnection. The customer will, at its expense, provide the following:

- All plug-ins and/or circuit packs (working, spare, and replacements),
- All unique tools and test equipment,
- Any ancillary equipment and cabling used for remote monitoring and control,
- Any technical publications and updates associated with all Collocator-owned and provided equipment,
- Any Product Change Notice (PCN) modifications, upgrades, and/or changes to their equipment,
- All training,
- All hard-wired equipment,
- A storage cabinet or designated shelf for storage of Collocator's spare circuit packs, unique tools, test equipment, etc. used by the Telephone Company to maintain and repair virtually collocated equipment.

The Collocator will provide, at its expense, replacements for any recalled, obsolete, defective or damaged facilities, equipment, plug-ins, circuit packs, unique tools, test equipment, or any other item or material provided by the Collocator for placement in/on the Telephone Company property. Suitable replacements are to be immediately provided to the Telephone Company to restore equipment. The Collocator will provide at least the minimum number of usable equipment spares specified by the manufacturer.

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.5 Collocator Responsibilities (Cont'd)

The Telephone Company will work cooperatively with the Collocator to develop implementation plans including timelines associated with:

- Placement of Collocator's fiber into the central office vault,
- Location and completion of all splicing,
- Completion of installation of equipment and facilities and insuring that the installation vendor meets required safety standards as contained in TP 76200MP and TP 76300MP,
- Removal of above facilities and equipment,
- To the extent known, the Collocator can provide forecasted information to the Telephone Company on anticipated additional Virtual Collocation requirements,
- To the extent known, the Collocator is encouraged to provide the Telephone Company with a listing of the equipment types that they plan to virtually collocate in the Telephone Company central office. This cooperative effort will insure that the Telephone Company personnel are properly trained on Collocator equipment.

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.6 Installation of Virtual Collocation Equipment

The Telephone Company does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of the Collocator's equipment, arrangement, or facilities.

The Telephone Company will be responsible for using the same engineering practices as it does for its own similar equipment in determining the placement of equipment and engineering routes for all connecting cabling between collocation equipment.

The Collocator will have the authority to select an approved installation vendors/contractors. All installations of equipment will be in accordance with TP 76300MP the Collocator-provided installation design and must comply with manufacturer's specifications and applicable published national standards approved by the FCC, and other governmental authorities that have jurisdiction.

The Collocator and the Telephone Company must jointly accept the installation of the equipment and facilities prior to the installation of any services using the equipment. As part of this acceptance, the Telephone Company will cooperatively test with the Collocator.

The Collocator will be allowed to visit the eligible structure with a Telephone Company escort once during the installation of virtually collocated equipment, once at turn-up completion of such equipment, and then one general visit per calendar year. The visits must be arranged 10 business days in advance. Charges for the escort will apply. A maximum of two Collocator's representatives may participate in any one site visit.

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.7 Equipment Provisioning

The Collocator will deliver to the Telephone Company central office a reasonable number, as recommended by the manufacturer, of all appropriate plug-ins, circuit packs and cards and any other equipment, plus all necessary circuit design and provisioning information on an agreed-upon date which is no later than five (5) business days prior to the scheduled turn-up of the Collocator's equipment.

18.3.8 Repair of Equipment

Except in emergency situations, the Collocator-owned fiber optic facilities and central office terminating equipment will be repaired only upon the request of the Collocator. In an emergency, the Telephone Company may perform necessary repairs without prior notification. The labor rates specified in Section 18.8.4(A)(10) that apply to the Telephone Company central offices are applicable for all repairs performed by the Telephone Company on the Collocator's facilities and equipment.

When initiating repair requests on Collocator owned equipment, the Collocator must provide the Telephone Company with the following:

- Notification that the purpose of the call is to establish a virtual collocation trouble ticket,
- Eligible structure CLLI code,
- Location of virtually collocated equipment (bay, frame, shelf, circuit pack, location and type),
- A detailed description of the trouble,
- The name and telephone number of the Collocator's employee who will cooperatively test with the Telephone Company at no charge to the Telephone Company, and
- The type of trouble.

Upon notification by the Collocator and availability of spare parts as provided by the Collocator, the Telephone Company will be responsible for repairing the Virtually Collocated equipment at the same standards that it repairs its own equipment.

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.9 Maintenance of Equipment

Collocator may request the Telephone Company to perform routine-maintenance and scheduled events, at mutually agreed upon times, which will be billed on a time and material basis as set forth in Section 18.8.2(A)(10). When requesting maintenance on Collocator owned equipment, Collocator shall provide the Telephone Company with location and identification of the equipment, a detailed description of the maintenance requested, and the estimated time required to perform the routine maintenance.

For routine maintenance and product upgrades covered by the manufacturer's warranty, Collocator will contact the Telephone Company to arrange access for the manufacturer's warranty, the Telephone Company shall perform repairs as described herein.

Upon notification by the Collocator and availability of spare parts as provided by the Collocator, the Telephone Company will be responsible for repairing and maintaining the virtually collocated equipment as directed by the Collocator.

18.3.10 Alarm Collection

The Collocator is responsible for the alarm monitoring of virtually collocated equipment and all expenses associated.

Since the maintenance of the Collocator's equipment is at the direction and control of the Collocator, the Telephone Company will not be responsible for responding to alarms and will only conduct maintenance and repair activities at the direction of the Collocator.

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.11 Termination of Virtual Collocation

Upon termination of the Virtual Collocation arrangement, the Collocator will work cooperatively with the Telephone Company to remove the Collocator's equipment and facilities from the Telephone Company property subject to the condition that the removal of such equipment can be accomplished without damaging or endangering other equipment located in the central office. The Telephone Company is not responsible for and will not guarantee the condition of such equipment. The Collocator is responsible for arranging for and paying for the removal of virtually collocated equipment including all costs associated with equipment removal, packing and shipping. Arrangements for and the removal of the Collocator virtually collocated equipment must be made within 30 business days after termination of the virtual collocation arrangement, unless a different time period is mutually agreed upon. The Telephone Company shall be responsible for exercising reasonable caution when removing virtually collocated equipment. The Telephone Company will only be responsible for damage done to such equipment caused by gross negligence on the part of the Telephone Company or its contractors during the removal process. However, Collocators will indemnify and hold the Telephone Company harmless for any damage done to virtually collocated equipment if the Telephone Company permits the Collocator to hire a the Telephone Company approved contractor to remove virtually collocated equipment. Any equipment not removed in this time frame may be removed by the Telephone Company and stored in a Telephone Company location, at the expense of the Collocator.

Upon termination of the Virtual Collocation, the Collocator must remove the fiber entrance cable used for the Virtual Collocation. If the entrance cable is not scheduled for removal within seven (7) days, the Telephone Company may arrange for the removal, and the Collocator will be responsible for any charges incurred to remove the cable. The Telephone Company and the Collocator will cooperatively manage the removal process. The Collocator is only responsible for physically removing entrance cables housed in conduits or inner-ducts and will only be required to do so when the Telephone Company instructs the Collocator that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment residing in the central office.

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.12 Revisions

All revisions to an initial request for a virtual collocation arrangement submitted by the Collocator must be in writing via a new application form.

There are two types of revisions, major and minor. A major revision includes:

- adding telecommunications equipment that requires additional electrical power,
- accelerating the project schedule, or
- adding additional Collocator bays or equipment that impact the existing/proposed floor-space area provided to the Collocator in their quote package.

If a revision is major, a new interval for the virtual collocation arrangement will be established which shall not exceed two months. Additional application fees shall apply if the revision is major.

A minor revision includes:

- adding bays of equipment that do not significantly impact the existing/proposed electrical systems,
- adding light fixtures and outlets which do not exceed the capacity of the existing/proposed electrical system, or
- adjustments to the heat release projection which do not cause a change in the existing/proposed mechanical system.

Minor revisions will not require that a new interval be established. No additional application fees shall be applicable if the revision is minor.

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.13 Application Interval for Virtual Collocation

The Telephone Company will provide virtual collocation arrangements in Central Offices on a "first come, first served" basis. To apply for a Dedicated Space in a particular central office, the Collocator will provide a completed virtual collocation application form found in the Interconnector's Collocation Services Handbook, Appendix A for Virtual Collocation and will pay the associated initial application fee, project coordination fee, engineering design charge, and 50% of the nonrecurring charge. The Collocator may submit a security bond in lieu of check for the 50% of the nonrecurring charge. Upon receipt of the Collocator's completed application and required payments as defined above, the Telephone Company will begin determining if space is available to fulfill the request. The Telephone Company will notify the Collocator as to whether its request for Dedicated Space has been granted or denied due to the lack of space within ten (10) days of receipt of the completed application.

In responding to an application request if space is available, the Telephone Company shall advise the Collocator that their request for nonrecurring and recurring tariff rates, and the provisioning interval.

Should multiple applications be submitted by a Collocator within a ten(10) day period, the following interval will apply:

<u>Number of Applications By One Collocator</u>	<u>Response Interval</u>
1 - 10	10 Days

Should the Collocator submit 11 or more applications within ten (10) days, the response interval will be increased by ten (10) days for every ten (10) additional applications or fraction thereof.

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18. Expanded Interconnection Service (Cont'd)

18.3 Virtual Collocation (Cont'd)

18.3.14 Provisioning Interval for Virtual Collocation (Cont'd)

Dedicated space for cageless virtual collocation is reserved upon notification to the Collocator that space is available.

Should the Collocator submit 11 or more applications within ten (10) calendar days, the provisioning interval will be increased by ten (10) calendar days for every 10 additional applications.

Where space suitable for central office equipment (Active Central Office Space) is available, the Telephone Company will deliver virtual collocation within 110 calendar days from the completion of the application process.

Any material revision to a completed application will be treated as a new application following revision guidelines set forth in Section 18.3.12 following.

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.15 Rate Regulations

This section contains specific regulations governing the rates and charges that apply to Virtual Collocation for the purpose of interconnecting to the Telephone Company.

(A) Rate Elements for Central Offices

Consistent with provisions in Section 18.3.1, the following provides a list of the specific rate elements for virtual collocation for interconnection with the Telephone Company for the transmission and routing of telephone exchange service and exchange access, to be used in conjunction with virtual collocation in the Telephone Company Central Offices. Charges applicable to virtual collocation other than those listed below are also listed in Section 18 of the Access Service Tariff (Expanded Interconnection Service).

(1) Planning(i) Application Fee

The application fee recovers the Telephone Company costs incurred to estimate the quotation of charges for the Collocator's request for a virtual collocation arrangement. The application fee also provides for the Telephone Company personnel to survey each requested location for availability of space for the placement of entrance cables as well as to determine floor space to physically place Collocator-designated equipment expressed as a non-recurring charge. The application fee is applied on an initial and subsequent basis. The initial charge will apply to the Collocator's request for a virtual collocation arrangement or the addition of cable. The subsequent charge will apply to any additional interconnection arrangements, as defined in Section 18.3.15(A)(7) connected to existing virtual collocated equipment. Charges for this sub-element are specified in Section 18.8.2(A)(1)(i).

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.15 Rate Regulations (Cont'd)(A) Rate Elements for Central Offices (Cont'd)(1) Planning (Cont'd)(ii) Project Management Fee

Upon acceptance of the Telephone Company estimate by the Collocator, this sub-element provides for project management costs incurred by the Telephone Company expressed as a nonrecurring charge. These include the Telephone Company engineering which are the detail engineering changes for the Telephone Company engineers to prepare the Central Office for Virtual Collocation. The subsequent charge will apply to any additional interconnection arrangements, as defined in Sections 18.3.15(A)(7) connected to existing virtual collocated equipment. Charges for this sub-element are specified in 18.8.2(A)(1)(ii).

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.15 Rate Regulations (Cont'd)(A) Rate Elements for Central Offices (Cont'd)(2) Floor Space

This sub-element provides for the "occupancy" cost per bay framework associated with using the floor space in the Telephone Company central offices expressed as a monthly rate. Charges for this sub-element are specified in 18.8.2(A)(2). In those cases where an individual relay rack and its associated floor space are shared by the Telephone Company and the Collocators or among Collocators, the floor space and relay racks will be apportioned on a quarter rack basis.

(3) Relay Rack

This sub-element provides the "occupancy" cost per rack associated with using relay rack space in the Telephone Company's central offices expressed as a monthly rate. Charges for this sub-element are specified in Section 18.8.2(A)(3).

(4) Entrance Fiber

This rate element is described in Section 18.8.1(E). The rates and charges for this element are in Section 18.8.2.

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.15 Rate Regulations (Cont'd)(A) Rate Elements for Central Offices (Cont'd)(5) Power Arrangement

This sub-element is the cable, cable rack and a standard relay rack mounted fuse panel including support and fabrication material necessary to support the virtually collocated equipment expressed as a monthly rate. The standard relay rack mounted fuse panel consists of a panel equivalent to a Telect model 009-0014-1001. This panel is configured at negative 48 volts, is dual feed rated at 50 AMPS per feed, and has 10 GMT fuses per load. If required, more than one power panel may be provisioned on a single relay rack. In the event that a Collocator requires a power arrangement that exceeds 50 AMPS from a single source, the Telephone Company will cooperatively work with the Collocator using comparable rate elements as the basis for such arrangements. Cable sizing is based on list 2 design loads. Charges for this sub-element are specified in Section 18.8.2(A)(5).

(6) Power Consumption(i) D.C. Power Per AMP

The DC power charge consists of use of the DC power system, with AC input and AC backup for up to a 50 AMP (redundant) feeder power circuit expressed as a monthly rate. Charges for this sub-element are specified in Section 18.8.2(A)(6)(i).

(ii) D.C. Transmission Energy Charge

This sub-element provides for the monthly rate for AC Power Usage to provide redundant D.C. power to the virtually collocated equipment. Charges for this sub-element are specified in Section 18.8.2(A)(6)(ii).

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.15 Rate Regulations (Cont'd)(A) Rate Elements for Central Offices (Cont'd)(6) Power Consumption (Cont'd)(iii) Ground Cable Arrangement

The Ground Cable Arrangement is the cabling arrangement designed to provide grounding for equipment expressed as a combination of a non-recurring charge and a monthly rate. Separate Ground Cable Arrangements are required for Integrated and Isolated Ground Planes. Charges for this sub-element are specified in Section 18.8.2(A)(6)(iii).

(7) Training

The Telephone Company is responsible for determining when training is necessary and how many of the Telephone Company employees require training to provide 24 hour a day, seven day a week coverage for the installation, maintenance and repair of Collocator's designated equipment not currently used in a wire center selected by the Collocator for virtual collocation. The Telephone Company will be limited to request training for four (4) Telephone Company personnel per location, unless a different number is mutually agreed upon by the Telephone Company and Collocator.

The Collocator may have the Telephone Company arrange for the required training of the Telephone Company personnel. The nonrecurring charges applicable for training are listed in Section 18.8.2 (Rates and Charges).

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.15 Rate Regulations (Cont'd)(A) Rate Elements for Central Offices (Cont'd)(7) Training (Cont'd)

If the Collocator does not have the Telephone Company coordinate the required training, the Collocator may assume the responsibility for providing the training. It is then the responsibility of the Collocator to:

- (i) arrange and pay to the supplier all costs for training sessions, including course material, and
- (ii) arrange and pay to each individual supplier all costs associated with lodging and other than local transportation, such as airfare, required for the Telephone Company employee training.

The Telephone Company will work cooperatively with the Collocator to schedule the Telephone Company personnel training time required for the installation, maintenance and repair of the Collocator's designated equipment. The Collocator will be assessed two hours of the technician additional labor charge as specified in 18.8 (Rates and Charges) for the Telephone Company personnel time required to coordinate training activities with the Collocator. The Collocator will be responsible for reimbursement of applicable Telephone Company contractual compensation obligations for time spent as a result of the necessary training. All other charges, if applicable, specified in 18.8.2(A)(7) (Training) will be assessed to the Collocator.

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18. Expanded Interconnection Service (Cont'd)18.3 Virtual Collocation (Cont'd)18.3.15 Rate Regulations (Cont'd)(A) Rate Elements for Central Offices (Cont'd)(8) Maintenance and Repair Labor Rates(i) Maintenance of Equipment

This rate element is a labor rate charged by the Telephone Company to the Collocator for ongoing maintenance of the Collocator's equipment. Any maintenance requirements will be initiated by the Collocator. Labor rates are based upon a 1/2 hour basis and are dependent upon day of week and time of day. For purposes of this Tariff, normal week day is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday, excluding holidays. Nonrecurring charges for this sub-element are specified in Section 18.8.2(A)(8).

(ii) Repair of Equipment

This rate element is a labor rate charged by the Telephone Company to the Collocator for repair of the Collocator's equipment. All repair will be at the direction of the Collocator.

Labor rates are based upon a charge for Local Operations Center (LOC) personnel to take the trouble report, create a trouble ticket, and dispatch a technician. Labor rates for actual repair of the trouble are based upon a 1/2 hour basis and are dependent upon day of week and time of day. For purposes of this Tariff, normal week day is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday excluding holidays. Nonrecurring charges for this sub-element are specified in Section 18.8.2(A)(8).

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18. Expanded Interconnection Service (Cont'd)

18.4 Microwave Expanded Interconnection Service

Microwave Expanded Interconnection Service provides a customer with space and associated requirements such as power and environmental conditioning within a Telephone Company Central Office to locate certain microwave facilities and equipment. Customer provided microwave service must be connected to Telephone Company provided interstate Special or Switched Access services.

Microwave rules, regulations and rates will be developed and filed upon bona fide requests from customers to provide Microwave Expanded Interconnection Service.

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18. Expanded Interconnection Service (Cont'd)18.5 Ordering

This section sets forth the regulations for ordering Expanded Interconnection Service.

An Expanded Interconnection Service (EIS) Application will be utilized to request the space and associated items required for EIS. Access Order or ASR will be utilized to provide the customer with the EIS Channel Termination.

(A) Application and Ordering Process

- (1) To begin the interconnection ordering process, the customer must first contact the Telephone Company point of contact either by mail or phone to request an EIS Application.
- (2) The Telephone Company will provide an EIS Application to the potential EIS customer. The EIS Application will require the customer to provide all engineering, floor space, environmental and other requirements necessary for the function of the service.
- (3) The Telephone Company will require 50% of the nonrecurring charge for the Interconnection Chamber to be paid in advance to constitute a bona fide request.
- (4) The order in which requests are processed will be dependent upon the date and time the Telephone Company receives the completed EIS Application and the prepayment, if required.

Nevada Bell's filing of this tariff page does not constitute a waiver of the Company's right to appeal any issue arising from the FCC's Second Report and Order in CC Docket No. 93-162, FCC 97-208.

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18. Expanded Interconnection Service (Cont'd)18.5 Ordering (Cont'd)(A) Application and Ordering Process (Cont'd)

- (5) Upon receipt of the prepayment and completed EIS Application, the Telephone Company will begin its assessment of feasibility and preparation of a customer specific quotation. The Telephone Company will notify the customer if their request can be met and provide a specific quotation and anticipated date for EIS service availability, in writing, within 30 days following receipt of a completed EIS Application and prepayment. The Telephone Company will prepare the Interconnection Chamber for occupancy within 180 days of the customer confirmation of the arrangements and rate quotation.
- (6) If the customer withdraws his request or the Telephone Company is unable to meet his needs, the prepayment, less costs incurred by the Telephone Company, will be refunded.
- (7) Customers initiating a request for EIS must have the capability of terminating their transmission facilities at the Telephone Company central office within a reasonable period of time, not to exceed 180 days from the date the request is initiated.
- (8) The Telephone Company will make the necessary modifications to the central office to accommodate the customer's request. The Telephone Company will work cooperatively with the customer to ensure that service is installed in accordance with the service requested.
- (9) The Telephone Company will advise the customer of any delay in completion of the preparation of the central office space and reschedule a new installation date for the earliest possible date.

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18. Expanded Interconnection Service (Cont'd)

18.5 Ordering (Cont'd)

(A) Application and Ordering Process (Cont'd)

- (10) To begin the Service Order Process, the customer will initiate an Access Service Request (ASR) to schedule the EIS Channel Termination service installation. The time required to provision the EIS Channel Termination will be established in accordance with service date interval guidelines. Access Order modifications as delineated in Section 5.2.2 will apply. Cancellation charges as delineated in Section 5.2.3 will apply.

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18. Expanded Interconnection Service (Cont'd)18.5 Ordering (Cont'd)(B) Insurance

Any and all insurance and/or bonds that may be required under the laws, ordinances, and regulations of any governmental authority is and shall be the sole responsibility of Interconnector.

- (1) Without in any way limiting Interconnector's indemnification obligations hereunder, Interconnector shall maintain the following insurance on an occurrence form unless otherwise stated:

Commercial General Liability (bodily Injury and Property Damage) Insurance including the following supplementary coverages:

- (a) Contractual liability to cover liability assumed under this tariff;
- (b) Personal Injury Liability with the "employee" and "contractual" exclusions deleted;
- (c) Product and Completed Operations Liability Insurance;

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18. Expanded Interconnection Service (Cont'd)18.5 Ordering (Cont'd)(B) Insurance (Cont'd)

- (d) Broad Form Property Damage Liability Insurance;
- (e) Fire Legal Liability Insurance.
- (f) Business Automobile Liability Insurance if any of Interconnector's or Interconnector's employees owned, leased, hired or borrowed automobiles are used on the Premises, including parking areas. Coverage shall be in force for all owned, non-owned and hired automobiles used by Interconnector.
- (g) The limit of liability for the insurance required above shall not be less than five million dollars (\$5,000,000) combined single limit per occurrence. Interconnector shall maintain a general aggregate of two-and-one-half times per occurrence limit applying.
- (h) Employer's Liability Insurance with limits not less than \$1,000,000.

(2) The insurance specified above shall:

- (a) Name the Telephone Company, its directors and officers, affiliates and employees as additional insureds in matters covered by this tariff at Interconnector's sole expense;
- (b) Provide that such insurance is primary coverage with respect to all insureds;

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18. Expanded Interconnection Service (Cont'd)

18.5 Ordering (Cont'd)

(B) Insurance (Cont'd)

- (c) Contain a Standard Cross Liability Endorsement which provides that the liability insurance applies separately to each insured and that the policies cover claims or suits by one insured against the other;
- (d) Contain a mutual waiver of subrogation for property damage, and contain a waiver of workers' compensation subrogation claims against the Telephone Company.
- (e) Include a requirement that the insurer provide the Telephone Company with thirty (30) days' written notice to the Telephone Company prior to the effective date of any cancellation or material change of the policy or policies of insurance;

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18. Expanded Interconnection Service (Cont'd)18.5 Ordering (Cont'd)(B) Insurance (Cont'd)

- (f) Be issued by insurance companies that hold a current rating of not less than "A", according to Best's Key Rating Guide; and
- (g) Be issued by insurance companies that are either (a) admitted (licensed) to transact business in the State of Nevada or (b) non-admitted insurance companies. Such non-admitted companies shall be currently designated "no objection to use" by the Insurance Division, Nevada State Department of Commerce. Any contractor proposing to use a non-admitted insurance company shall, upon the Telephone Company's request, have its insurance broker agent furnish a statement confirming that they have made inquiry verifying that the company is currently not listed as objectionable to the regulatory authority having jurisdiction.
- (h) If requested by the Telephone Company, Interconnector shall provide the Telephone Company with a Certificate of Insurance executed by a duly authorized representative of the insurer evidencing the coverages, limits, and provisions specified above.

Nevada Bell's filing of this tariff page does not constitute a waiver of the Company's right to appeal any issue arising from the FCC's Second Report and Order in CC Docket No. 93-162, FCC 97-208.

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18. Expanded Interconnection Service (Cont'd)

18.5 Ordering (Cont'd)

(B) Insurance (Cont'd)

- (i) At any time during the term of this Agreement, the Telephone Company may require Interconnector to obtain and maintain in force insurance with coverages or limits in addition to the foregoing with charges as mutually agreed.

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18. Expanded Interconnection Service (Cont'd)18.6 Obligations of the Telephone Company

The Telephone Company is solely responsible for determining whether physical interconnection is feasible in its central offices. The Telephone Company will designate floor space within each identified central office which will serve as the EIS customer's Interconnection Chamber. The interconnection space may be enclosed in a cage or room as warranted by the Telephone Company in order to comply with safety, building and/or security requirements.

The Telephone Company will be responsible for providing, installing, maintaining, and repairing the following:

- the connection cable and associated equipment which may be required between the Interconnection Chamber and the designated point(s) of termination

The Telephone Company will be responsible for installing, maintaining, and repairing the following:

- fiber optic cable(s) from entry point to Interconnection Chamber

The Telephone Company retains the right to maintain channel assignment control of the point(s) of termination.

The Telephone Company shall provide access to the Interconnection Chamber on an as-needed basis 24 hours a day, seven days a week.

The Telephone Company will provide at least two separate points of entry to the central office where there are two entry points for the Telephone Company cable facilities, with the exception of situations where one entry of a two entry office is filled to capacity.

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.6 Obligations of the Telephone Company (Cont'd)

The Telephone company is responsible for the overall integrity of its Central Offices. This requires conducting periodic central office inspections to check for compliance with fire and safety standards. Customers have a right to be present and will be notified of inspections to their physical collocation space in writing at least two weeks prior to non-emergency inspections. If an inspection is conducted by an outside agency (e.g., fire safety, insurance), the Company will notify the customer as soon as practicable. If notice in writing is not practicable, the Company will notify the customer with prompt non-written notice so that the interconnector may be present at the inspection. In the event that an emergency inspection is required, the Company will notify the interconnector as soon as practicable of the nature of the emergency, and of the inspection being done in response to the emergency.

Nevada Bell's filing of this tariff page does not constitute a waiver of the Company's right to appeal any issue arising from the FCC's Second Report and Order in CC Docket No. 93-162, FCC 97-208.

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.7 Obligations of the Customer

The EIS customer is responsible for coordinating with the Telephone Company to ensure that services are installed in accordance with the service request.

The EIS customer will be responsible for providing, installing, maintaining, and repairing the following:

- transmission equipment located in the central office Interconnection Chamber

The EIS customer will be responsible for providing the following:

- fiber optic cable(s) (plus innerduct) from entry point to Interconnection Chamber

The EIS customer is responsible for providing a contact number that is readily accessible 24 hours a day, seven days a week.

The EIS customer will supply the Telephone Company with a list of its employees, contractors, and vendors who require access. The interconnector will notify the Telephone Company, within 24 hours of its determination, of any employees, contractors and vendors who no longer have a need for access to its location in any wire center.

The EIS customer will be responsible for notifying the Telephone Company of any significant outages within the customer's Interconnection Chamber which could impact or degrade the Telephone Company's switches and services, and provide estimated clearing time for restoral.

The EIS customer is responsible for testing, if necessary with the Telephone Company to identify and clear a trouble when the trouble has been sectionalized (isolated) to a EIS provided service.

The EIS customer is responsible for providing trouble report status when requested.

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.7 Obligations of the Customer (Cont'd)

The EIS customer will be responsible for obtaining and maintaining appropriate insurance coverage, including fire, theft, and liability as set forth in 18.5(B)

The EIS customer will obtain and pay for all necessary licenses and permits required in connection with its use of the Interconnection Chamber (IC) and any improvements constructed thereon by the Interconnector. Any use of the Interconnection Chamber which requires the Interconnector to modify or upgrade its IC pursuant to fire codes or regulation, or the Americans with Disabilities Act shall be at the sole cost and expense of the EIS customer.

The EIS customer will provide access to its floor space at all times to allow the Telephone Company to react to emergencies, to maintain the building operating systems (when applicable), and to ensure compliance with OSHA, Telephone Company, and other rules, regulations, and standards related to fire, safety, health, and environmental safeguards.

Interconnector's personnel are required to exhibit distinct identification credentials to gain access to Interconnection Chamber or the Premises. Personnel without proper identification will be refused access.

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.8 Rate Regulations

This Section contains the specific regulations governing the rates and charges that apply for Expanded Interconnection Service.

(A) General

An interconnecting customer who fails to pay any of the charges associated with EIS is subject to the provisions set forth in the written Agreement.

Credit Allowances for Service Interruptions will be those as set forth in Section 2.4.4 preceding.

(B) The following apply to the EIS Channel Termination:

The occupant of the Interconnection Chamber will be billed for the EIS Channel Termination.

Service rearrangements are changes to existing (installed) services which may be administrative only in nature or involve a physical change to the service as set forth in 7.2.2. preceding.

Changes to Pending Orders are covered in Section 5.2.2 preceding.

Changes in types of service will be treated as a discontinuance of the existing service and an installation of the new service.

(C) The following apply to the Interconnection Chamber:

Requests for relocation of the point of termination from one Interconnection Chamber to a different Interconnection Chamber will be handled on an individual case basis.

Requests for expansion of customer existing floor space within a specific office will be treated as a new application.

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ACCESS SERVICE

18. Expanded Interconnection Service (Cont'd)18.8 Rate Regulations (Cont'd)18.8.1 Description and Application of Rates and Charges

Expanded Interconnection Service customers will be subject to both nonrecurring and monthly recurring charges for the provision of service between the Telephone Company and the Interconnector. These rates and charges are set forth in 18.8.2 following.

The EIS customer must provide discontinuance notification of the EIS service, which would include the Interconnection Chamber, at least 60 days prior to the actual discontinuance. Monthly rates will apply for a period of 60 days from the date the Telephone Company receives discontinuance notification or until the requested discontinuance date, whichever period is longer.

If the interconnector vacates the collocation space in the Telephone Company's central office before the end of the useful life of the equipment, the Company will bill the interconnector a one time charge not to exceed the remaining undepreciated value of the collocation space and termination equipment. If, however, a second collocater subsequently occupies the vacated space, the Company will refund the initial customer a portion of the undepreciated investment.

The EIS Channel Termination will be subject to the rates and charges as set forth in 18.8.2 following. Installations, changes, rearrangements and discontinuance of only the EIS channel termination will be pursuant to regulations stated in Section 7.2.2.

Telephone Company services purchased by the EIS customer for interconnection with EIS service are subject to appropriate nonrecurring charges, monthly rates and other applicable rates and charges as set forth in Section 7., preceding.

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18. Expanded Interconnection Service (Cont'd)18.8 Rate Regulations (Cont'd)18.8.1 Description and Application of Rates and Charges

(A) Prepayment Fee - Per Request, Per Wire Center

A specified nonrecurring amount, equal to 50% of the nonrecurring charge for the Interconnection Chamber, paid in advance of the initial preparation of a customer specific quote for an EIS service request. This fee, along with a completed EIS Application, will constitute a bona fide request.

(B) Interconnection Chamber - Wire Cage, Per 100 Square Feet

A minimum 100 square foot area enclosed by chain link fencing within a Telephone Company central office to be used for the sole purpose of containing an interconnector's equipment.

(C) Power

Electrical Outlets and required grounding bar furnished for each wire cage placed within a Telephone Company Central Office. Preferred AC, will be automatically included and Preferred DC will be optional based on the interconnector's request.

(D) Floor Space, Per 100 Square Feet

A minimum of 100 square foot area designated by the Telephone Company within a central office to be used for the sole purpose of installing, maintaining and operating the interconnector's equipment.

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18. Expanded Interconnection Service (Cont'd)18.8 Rate Regulations (Cont'd)18.8.1 Description and Application of Rates and Charges (Cont'd)

(E) Cable & Innerduct Pull and Cable Splice, Per Hour

Each hour (or fraction thereof) spent by the Telephone Company personnel in pulling and/or splicing the interconnector's cable facilities into the central office and through the cable support structure.

(F) Conduit, Per Foot

Each foot of any reinforced passage or opening in, on under/over or through the ground between the feeder route conduit system and the cable vault location.

(G) EIS Channel Termination

The Expanded Interconnection Service Channel Termination connects the Interconnector's transmission equipment at the Point of Termination in the Interconnector's Customer Designated Premises (Interconnection Chamber) in the Telephone Company's Central Office with the Telephone Company's Switched Transport or Special Access High Capacity DS1 or DS3 service ordered by the Interconnector. EIS Channel Terminations for DS1 and DS3 connections will be electrical. The Interconnector may designate the channel facility assignments.

(H) Security Escort Service

In locations where card access is not available or in nonsecured areas, Telephone Company personnel may be required to accompany the Interconnector's personnel to the interconnector's' partitioned space or other nonsecured areas within a serving wire center.

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18. Expanded Interconnection Service (Cont'd)18.8 Rate Regulations (Cont'd)18.8.2 Rates and Charges

The following rates and charges apply for Expanded Interconnection Service.

USOC	Monthly Rate	Nonrecurring Charge
<u>Interconnection Chamber</u> per 100 SQ FT.		
RENONV02	None	\$ 9,714.47
RENONV13	None	4,857.23
RENONV14	None	16,290.50
CRCYNV01	None	4,857.23
SPRKNV11	None	14,032.32
<u>Floor Space</u> per 100 SQ FT.		
RENONV02	\$ 693.64	None
RENONV13	791.90	None
RENONV14	527.33	None
CRCYNV01	674.53	None
SPRKNV11	363.13	None
<u>Power</u> preferred DC. Per 10 AMP -48 volt circuit		
	\$200.91	0.00

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18. Expanded Interconnection Service (Cont'd)18.8 Rate Regulations (Cont'd)18.8.2 Rates and Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
<u>Cable and Innerduct Pull & Cable Splice,</u> per hour			
Engineer			\$80.00
Technician			80.00
<u>Conduit</u>			
per Foot		\$1.11	0.00
<u>EIS Channel Termination (EISCT) Special Access</u>			
DS1	CCDS1	9.06	231.46
DS3	CCDS3	35.62	202.36
OC3/3c	CCCJX	470.00	400.00
OC12/12c	CCCKX	940.00	400.00
OC48/OC48c	CXCZX	1,880.00	400.00
OC-192	C2CAX	3,760.00	400.00
1 Gigabit Ethernet	OCLGX	1,500.00	400.00
10 Gigabit Ethernet	OCLHX	3,500.00	400.00
<u>EIS Channel Termination (EISCT) Switched Transport</u>			
DS1	XCSW1	9.06	231.46
DS3	XCSW3	35.62	202.36
<u>Security Escort Service, per hour</u>			
Engineer			\$80.00
Technician			80.00

(N)

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18. Expanded Interconnection Service (Cont'd)18.8 Rate Regulations (Cont'd)18.8.2 Rates and Charges (Cont'd)Virtual Collocation(A) Central Offices

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(1) <u>Planning</u>			
(i) <u>Application Fee</u>			
- Initial		\$00.00	\$463.44
- Subsequent		\$00.00	\$346.33
(ii) <u>Project Management Fee</u>			
- Initial		\$00.00	\$3,523.84
- Subsequent		\$00.00	\$1,502.71
(2) <u>Floor Space</u> (Per Bay Framework)		\$33.71	\$00.00
(3) <u>Relay Rack</u> (Per Rack)		\$32.06	\$00.00
(4) <u>Entrance Fiber</u>		(See Page 18-53 in Section 18.8.2)	

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18. Expanded Interconnection Service (Cont'd)18.8 Rate Regulations (Cont'd)18.8.2 Rates and Charges (Cont'd)Virtual Collocation (Cont'd)(A) Central Offices (Cont'd)

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(5) <u>Power Arrangement</u>	\$90.49	\$3,357.46
(6) <u>Power Consumption</u>		
(i) DC Power Per AMP	\$14.69	\$0.00
(ii) DC Transmission Energy Charge (Per AMP)	\$2.69	\$0.00
(iii) Ground Cable Arrangement (Per Foot)	\$0.0068	\$0.00

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18. Expanded Interconnection Service (Cont'd)18.8 Rate Regulations (Cont'd)18.8.2 Rates and Charges (Cont'd)Virtual Collocation (Cont'd)(A) Central Offices (Cont'd)

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(7) <u>Training</u>		
(i) Training Course and Materials (Per Day Per Employee)	\$ 0.00	\$440.00
(ii) Lodging (Per Day Per Employee)	\$ 0.00	117.80
(iii) Intercity Transportation (Per Employee)	\$ 0.00	\$679.35
(iv) Local Transportation (Per Odometer Mile Per Employee)	\$ 0.00	\$.50
(v) Per Diem (Per Employee)	\$ 0.00	\$44.00
(vi) Airport Parking (Per Day, Per Employee)	\$ 0.00	\$7.00
(8) <u>Maintenance and Repair Rates</u>		
(i) LOC Trouble Ticket, Each 1/4 hour	\$ 0.00	\$22.71
(ii) Regular Hours-Manned Office		
- Each 1/2 hour	\$ 0.00	\$45.42
- Each Additional 1/2 hour	\$ 0.00	\$45.42
(iii) After Hours Callout		
- 4 Hour Minimum	\$ 0.00	\$363.36
- Each Additional 1/2 hour	\$ 0.00	\$45.42
(iv) Non-Staffed Office Any Time		
- 4 Hour Minimum	\$ 0.00	\$363.36
- Each Additional 1/2 hour	\$ 0.00	\$45.42

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19. Service Provider Number Portability (SPNP) Service19.1 SPNP General Description

Service Provider Number Portability (SPNP) Service provides, where facilities permit, the ability: (1) of a local exchange telephone service customer to maintain the same Directory Number (DN) when changing from one telecommunications service provider to another while remaining at the same location; and (2) of all telephone company customers (end users, line side access and resale customers) to complete local calls to numbers that have been ported.

SPNP Service is an Advanced Intelligent Network (AIN) capability which utilizes the common channel signaling network to query a database to secure network routing instructions before completion of a call. For NXXs that have been designated as number portable, the database contains information about end user's choice of Local Service Provider (LSP) along with the appropriate Location Routing Number (LRN) for that LSP's service switch that will be used to direct calls to the correct network switching facility for completion to end user customers that have ported their number. Where more than one network is involved in completing the call, the network just before the terminating network (i.e., the N-1 Network) is responsible for querying a Service Provider Number Portability (SPNP) database to secure the routing information is used in routing the call. Where the carrier of the N-1 network fails to query on SPNP database, and forwards a call to a switch in the Telephone Company's network to a NXX designated as a number portable code in the Local Exchange Routing Guide and/or the NECA Tariff F.C.C. No. 4 and the NXX has at least one number ported, the Telephone Company will bill that N-1 carrier a SPNP Query - Default Charge as specified in 19.4(B).

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19. Service Provider Number Portability (SPNP) Service (Cont'd)

19.2 SPNP Service Application

There are three distinct applications of the SPNP network capability available through the Telephone Company's network:

(A) SPNP Query Service

- (1) Prearranged
- (2) Default

(B) SPNP Query Service - Database

(C) Basic SPNP Service

Following are detailed descriptions of each of the available service applications.

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19. Service Provider Number Portability (SPNP) Service (Cont'd)19.2 SPNP Service Application (Cont'd)(A) SPNP Query Service(1) Prearranged

Customers terminating calls from the N-1 Network to numbers in the Telephone Company's network with NXX codes that have been designated as number portable and the NXX has at least one number ported are responsible for making a query to a database containing information necessary to route calls to number portable NXX codes. This capability is provided under this tariff as an optional access service.

Customers responsible for making the database query may arrange in advance to have the Telephone Company's end office or access tandem switch suspend call processing, formulate and launch a query via the common channel signaling network to a database containing information necessary to route calls to number portable NXX codes. When the necessary routing information has been returned from the SPNP database to the switch originating the query, call processing is resumed and the call is routed to the correct network switching element for completion to the called party.

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19. Service Provider Number Portability (SPNP) Service (Cont'd)19.2 SPNP Service Application (Cont'd)(A) SPNP Query Service (Cont'd)(2) Default

Customers that have not prearranged with the Telephone Company to query a database containing information necessary to route calls to number portable NXX codes, may terminate such traffic to the Telephone Company's network non-queried. When this occurs, the Telephone Company's network must query its SPNP database to obtain information necessary to complete such calls. A SPNP Query-Default rate will apply.

Such non-queried traffic may be routed to the Telephone Company's end office or access tandem switch. This will force the Telephone Company's end office or access tandem switch to suspend call processing, formulate and launch a query via the common channel signaling network to a database to obtain information necessary to route calls to number portable NXX codes. When the necessary routing information has been returned from the SPNP database to the switch originating the query, call processing is resumed and the call is routed to the correct network switching element for completion to the called party.

N-1 Carriers who terminate traffic into the Telephone Company's network and have not prearranged with the Telephone Company to perform SPNP queries will also be assessed the Billing Charge, as set forth in 19.4(B).

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19. Service Provider Number Portability (SPNP) Service (Cont'd)19.2 SPNP Service Application (Cont'd)(B) SPNP Query Service - Database

Customers terminating calls from the N-1 Network to numbers in the Telephone Company's network with NXX codes that have been designated as number portable and the NXX has at least one number ported may be responsible for making a query to a database containing information necessary to route calls to number portable NXX codes. Customers may query the Telephone Company's SPNP database by interconnecting with the Telephone Company's common channel signaling network as provided in Section 6.1.2(A)(5)(d), Common Channel Signaling Access Capability (CCSAC). This is an optional access service.

Customers responsible for making the database query may arrange in advance to query, via the common channel signaling network, the Telephone Company's SPNP database which contains information necessary to route calls to number portable NXX codes. When the necessary routing information has been returned from the SPNP database to the switch originating the query, call processing is resumed by the originating carrier, local service provider, etc., and the call is routed to the correct network switching element for completion to the called party.

(C) Basic SPNP Service

The Telephone Company queries the database, as required, on behalf of its local exchange, line side access service customers, and resale customers to enable completion of calls to numbers with NXX codes that have been designated as number portable. This service is "automatically" provided as part of the dialing process employed in the Telephone Company's local exchange and access network.

On calls placed to numbers with NXX codes that have been designated as number portable, an originating LRN capable switch, using advance intelligent network capabilities will suspend call processing and formulate and launch a query via the common channel signaling network to a database containing information necessary to route calls to number portable NXX codes. When the necessary routing information has been returned from the database to the switch originating the query, call processing is resumed and the call is routed to the correct network switching element for completion to the called party.

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19. Service Provider Number Portability (SPNP) Service (Cont'd)19.3 Service Provisioning

SPNP Service is initially being deployed in the Reno, NV Rate Center and will be deployed in all Telephone Company switches by December 31, 1999.

SPNP Service procedures will be applied uniformly to all users of the Telephone Company's SPNP Service. The Telephone Company's SPNP database will receive and respond to all queries, including the Telephone Company's queries, as defined in the following Technical Reference Publication, listed in Reference to other Publications with addresses:

- (A) Bellcore GR-2936, Local Number Portability Capability Specification

19.3.1 Manner of Provisioning

SPNP Service will be provisioned using the LRN solution. LRN associates an NPA-NXX number with each central office switch that serves ported lines. This number will be known as the LRN for that switch. The LRN will be used as a network routing number for calls to ported numbers served by that switch. The LRN will share an existing NPA-NXX assigned to the specific office it represents. All switching equipment types used by the Telephone Company for SPNP Service will utilize LRN functionality using Advanced Intelligent Network capability (AIN).

With SPNP Service, a subscriber served by one switch (the "donor" switch) may move service to a different switch (the "recipient" switch) while retaining the same DN. The LSP of the recipient switch will send information to the Regional Service Management System/Number Portability Administration Center (RSMS/NPAC), the third-party administrator/database, for the porting subscriber. This information will include the porting DN, the LRN of the recipient switch, the Destination Point Codes for CLASS and LIDB Transaction Capability Application Part (TCAP) messages. This information is downloaded to all SPNP databases based on contracts between the third-party administration and the SPNP Service Providers.

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19. Service Provider Number Portability (SPNP) Service (Cont'd)19.3 Service Provisioning (Cont'd)19.3.2 Limitations

SPNP Service is to be used only on a call-by-call basis for routing calls to number portable NXX codes and cannot be used for purposes other than those functions described in Section 19.2 SPNP Service Applications unless expressly authorized in writing by the customer and the Telephone Company.

Information residing in the Telephone Company's SPNP database is protected from unauthorized access and may not be stored in a customer's database or elsewhere for any reason.

The LRN method of number portability is limited to circuit switched calls and excludes High Volume Call-in network NXXs until industry standards are defined.

Customers with directory numbers that are used for both circuit switched (e.g., voice and/or data) and packet data can port their directory numbers, however, they must disconnect the packet service and reconnect with their new service provider. SPNP Service does not apply to Service Codes (e.g., 411) or Service Access Codes (e.g., 500, 700, 800, and 900).

Groups of lines (e.g., multi-line hunt groups, centrex groups) cannot port separately. If only one directory number in the group ports, it will be removed from the group. However, the entire group of directory numbers may port. The functionality associated with the ported number is determined by the new service provider.

When access traffic is directly routed to an end office, only those numbers in valid NXX codes served by that office, including numbers ported into that office, may be accessed. When routed through an access tandem, only those numbers in valid NXX codes served by end offices subtending the access tandem, including numbers ported into those offices, may be accessed. However, when a call has been routed to an access tandem to a number in a valid NXX code served by an end office subtending the access tandem but the NXX code is shown in the LERG as number portable where the N-1 network has not performed a SPNP query, one of the following may occur:

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19. Service Provider Number Portability (SPNP) Service (Cont'd)19.3 Service Provisioning (Cont'd)19.3.2 Limitations (Cont'd)

- the call will be routed to the appropriate end office for completion when the call is to a number in a valid NXX code served by an end office subtending the access tandem and a query of the SPNP database indicates the number has not been ported;
- the call will be routed to the appropriate end office based on the LRN for completion when the call is to a number in a valid NXX code served by an end office subtending the access tandem and a query of the SPNP database indicates the number has been ported and the LRN returned by the database is in a valid NXX code served by an end office subtending the access tandem; or
- the call will be routed to the other access tandem and then to the appropriate end office based on the LRN for completion when the call is to a number in a valid NXX code served by an end office subtending the access tandem and a query of the SPNP database indicates that the number has been ported and the LRN returned by the database is in a valid NXX code that is served by an end office subtending another access tandem.

When a call is to a number in a valid NXX code shown in the LERG as number portable and the N-1 network performs the SPNP query, the N-1 network is responsible for routing the call to the correct access tandem based on the LRN returned by the SPNP database.

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19. Service Provider Number Portability (SPNP) Service (Cont'd)19.3 Service Provisioning (Cont'd)19.3.3 Network Management

The Telephone Company will administer its network to ensure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services.

The Telephone Company maintains the right to apply automated or manual protective controls which would generally be applied as a result of occurrences such as failure or overload of Telephone Company facilities, customer facilities, or other networks, natural disasters, mass calling or national security demands.

Choke Networks, also known as High Volume Call-In (HVCI) Networks are also utilized by the Telephone Company to ensure its networks reliability. HVCI service is represented by a unique NXX, not assigned to a specific switch in the Local Exchange Routing Guide, that has a presence in several switches within the designated local calling area for which terminating calls are routed over dedicated trunk groups to a single tandem switch. This is done for the purpose of controlling the impact on the local network from potentially high volumes of terminating calls that might be directed to DNS within such NXXs at a customer's request.

Using the Telephone Company's target architecture, the final completion group to a customer subscribing to a choke network service is associated with a Pseudo number to prevent any calling party from circumventing the function of the choke network. Choke network customers may designate any local network provider to provide the final completion group without changing the DN associated with their choke network service. However, numbers within special NXXs designated for this purpose are not number portable and are not included in the SPNP database.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

19. Service Provider Number Portability (SPNP) Service (Cont'd)19.4 Rate Regulations

The rates and charges associated with SPNP Services, which are "query" based, will be billed on a monthly basis, based on recorded usage. Query charges will be applied by the Telephone Company based upon the recordings of customer queries to the database. If such recordings are not available, the Telephone Company will develop monthly charges based on an average number of queries per month.

Specific rates and charges are set forth in 19.5, Rates and Charges.

19.4.1 Rate Elements

The following provides a list of the various SPNP Service rate elements and how the rate elements are defined. The query rate element applies for each query received at the Telephone Company's database regardless of whether the DN is actually ported.

(A) SPNP Query - Prearranged

The SPNP Query - Prearranged Charge rate element provides for the routing information necessary to complete calls to directory numbers within NXX Code designated as number portable including transport of the query to and from the database. These queries apply to Service Providers with arrangements made in advance with the Telephone Company.

- (1) A recurring usage query rate will be applied on a per unit basis, i.e., per query. Usage charges are accumulated over a monthly period.
- (2) A nonrecurring rate will apply on a per order basis.

(B) SPNP Query - Default

The SPNP Query - Default Charge rate element provides for the identification of routing information necessary to complete calls to directory numbers within NXX Code designated as number portable including transport of the query to and from the database. These queries will apply to all Service Providers with no established arrangements made in advance with the Telephone Company. In addition, a billing charge will apply as specified in 19.5(G) (Rates and Charges).

- (1) recurring usage rate will be applied on a per unit basis, i.e., per query. Usage charges will be accumulated over a monthly period.
- (2) A nonrecurring rate will apply per account the first time an N-1 Carrier terminates into the Telephone Company's network for delivery to a number in an NXX designated in the LERG as number portable and at least one number in the NXX has ported and the N-1 Carrier has not prearranged with the Telephone Company to perform SPNP queries.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

19. Service Provider Number Portability (SPNP) Service (Cont'd)19.4 Rate Regulations (Cont'd)19.4.1 Rate Elements (Cont'd)(C) SPNP Query - Database

The SPNP Query - Database rate element provides for the identification of the routing information associated with the directory number being queried including transport from the STP to the SPNP data base.

- (1) A recurring usage rate will be applied on a per unit basis, i.e., per query. When the actual number of database queries cannot be determined, the Telephone Company will bill a monthly recurring charge.
- (2) A nonrecurring rate will apply on a first and additional basis based on the number of STP mated pairs requested.

(D) Basic SPNP Service

The Basic SPNP Service is billed on a monthly basis to the Telephone Company's local customers, lineside access customers, and customers of a local service provider that resells services of the Telephone Company for the associated local or lineside access services (resale customers). This charge applies to all existing customers beginning April 1, 2000, as defined below and will apply to any potential customer when the customer obtains service.

The Basic SPNP Service rate element applies to and provides the capability necessary for the Telephone Company's local and general exchange and lineside access services (e.g., FGA) customers to: (1) maintain the same DN when changing from one Telecommunications Service Provider to another while remaining at the same location, and (2) to complete calls to any DN that has been ported.

This capability is automatically provided as part of the local dialing process employed in the Telephone Company's exchange network.

This charge applies per line capable of originating local exchange calls with the following exceptions:

- PBX trunks will be assessed the equivalent of 9 monthly rates; and
- ISDN PRI will be assessed the equivalent of 5 monthly rates.

(This page filed under Transmittal No. 1)

ACCESS SERVICE

19. Service Provider Number Portability (SPNP) Service (Cont'd)19.5 Rates and Charges

	<u>Monthly Recurring Charge</u>	<u>Monthly Rate Per Query</u>
(A) SPNP Query - Prearranged		
- END OFFICE		\$ 0.001075
- Tandem		0.001075
(B) SPNP Query - Default		
- End Office		\$ 0.001075
- Tandem		0.001075
(C) SPNP Query - Database	\$1280.00	\$ 0.00034
		<u>Monthly Rate Per Line</u>
(D) Basic SPNP Service		\$ 0.00 (R)(D)
		<u>Nonrecurring</u>
(E) SPNP Query - Prearranged, per order		\$ 48.40
(F) SPNP Query - Database, per STP Mated Pairs		
- First		\$ 501.16
- Additional		\$ 230.94
(G) Billing Charge, per customer account		\$ 225.85

(D)
(D)

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ACCESS SERVICE

	<u>Page No.</u>	
20. <u>Broadband Circuit Service*</u>	20-2	(C)
20.1 <u>General Description</u>	20-2	
20.2 <u>Rate Regulations</u>	20-5	
20.3 <u>Rates and Charges</u>	20-34	
20.3.1 OC-3	20-34	
20.3.2 OC-12	20-41	

* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

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ACCESS SERVICE

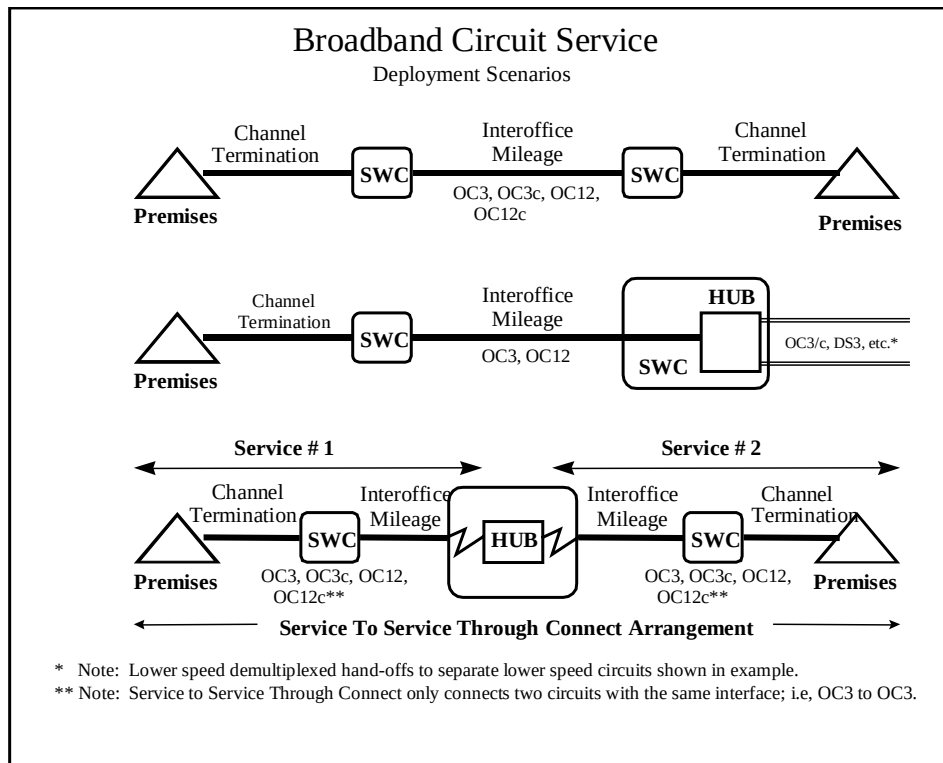
20. Broadband Circuit Service*

(C)

20.1 General Description

Broadband Circuit Service (BCS) is a special access service which transports SONET optical rate capacities between two end points. BCS can be provided between two customer designated premises when provisioned for OC-3 (155.520 Mbps), OC-3c (155.520 Mbps concatenated), OC-12 (622.080 Mbps), and OC-12c (622.080 Mbps concatenated). BCS is only available where facilities and equipment exist.

When provisioned for non-concatenated OC-3 (155.520 Mbps) and OC-12 (622.080 Mbps), BCS is provided under three topologies. These include: A) between two customer designated premises; B) between a customer designated premises and a Telephone Company Hub Central Office; and C) a Service-to-Service Through Connect Arrangement between a Telephone Company Hub Central Office and another compatible Telephone Company provided special access service, such as another BCS circuit with the same speed and interface type. These deployment scenarios are shown below.



* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.1 General Description (Cont'd)

BCS circuits are configured based on customer requirements provided to the Telephone Company at the time of ordering. BCS does not extend the SONET Data Communications Channel overhead across the Network Interface to the customer's equipment. BCS may be configured in the following ways:

A. OC-3:

1. Three STS-1 (Synchronous Transport Signal) channels which each contain:
 - One asynchronous DS3 that is STS-1 Mapped (BCS Default Configuration);
 - Up to 28 asynchronous DS1s that are VT-Mapped; or
 - An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via the Central Office Multiplexing optional feature to DS1 or DS3 services within the Telephone Company's network as in Section 20.2(D)(3) following.

2. A single concatenated STS-3c channel.

B. OC-12:

1. Twelve STS-1 channels which each contain:
 - One asynchronous DS3 that is STS-1 Mapped (BCS Default Configuration);
 - Up to 28 asynchronous DS1s that are VT-Mapped; or
 - An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via the Central Office Multiplexing optional feature to DS1 or DS3 services within the Telephone Company's network as in Section 20.2(D)(3) following.
2. Four concatenated STS-3c channels;
3. From one to three STS-3c channels mixed with from three to nine STS-1 channels subject to the utilization of the total OC-12 capacity;
4. A single concatenated STS-12c channel.

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(This page filed under Transmittal No. 7)

ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.1 General Description (Cont'd)

The customer is responsible for providing, at the time of ordering, the required STS signal configuration to be contained in each OC-3 and OC-12 BCS circuit. This information is required for routing and connection purposes in the network. (Note: BCS will be configured for asynchronous DS3 that is STS-1 Mapped if the customer does not provide the STS signal configuration at the time the service is ordered.)

If the customer elects to modify the STS-1 configuration of an existing premises-to-premises, non-concatenated OC-12 BCS that involves lower speed concatenated signals (i.e., STS-3c), an OC-12 STS-1 Channel Reconfiguration Charge will apply per customer initiated change as set forth in Section 20.2(L)(3) and 20.3.2(F) following.

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd) (C)20.2 Rate Regulations

This section contains the specific regulations governing the rates and charges which may apply to BCS. The rates and charges in effect at the time the BCS is installed and accepted by the customer are the rates and charges which will be billed to the customer requesting the service. The rates and charges in effect at the time may not be the same as those rates and charges in effect at the time the customer requests the service.

If the Telephone Company initiates rate changes resulting in a decrease of rates for an existing service with a 3 or 5 year billing period, those rate changes will be passed along to the customer. Rate changes resulting in an increase of rates for an existing service with a 3 or 5 year billing period will not exceed the original rate for that selected billing period. Rate changes may occur as a result of F.C.C. action.

The four basic rate categories for BCS are Channel Termination, Interoffice Mileage, Service-to-Service Through Connect Arrangement, and Optional Features.

A. Channel Termination (CT)

The CT provides for the communications path between a customer designated premises and the serving wire center. CTs are only offered without terminal equipment at the customer's designated premises.

Without terminal equipment is defined as a CT without the Telephone Company's Add-Drop Multiplexer (ADM) located on the customer's premises. A BCS CT is terminated at a demarc that hands-off either two or four fiber optic strands to the customer depending on the optional features ordered. The customer is required to provide an ADM that is compatible with the Telephone Company's ADM in the serving wire center as is described in Technical Publication GR-253-CORE. BCS does not extend the SONET Data Communications Channel overhead across the Network Interface to the customer's equipment. The figure following illustrates a deployment scenario where customers might order a basic CT without Equipment Protection (EP) or Loop Redundancy (LR) optional features.

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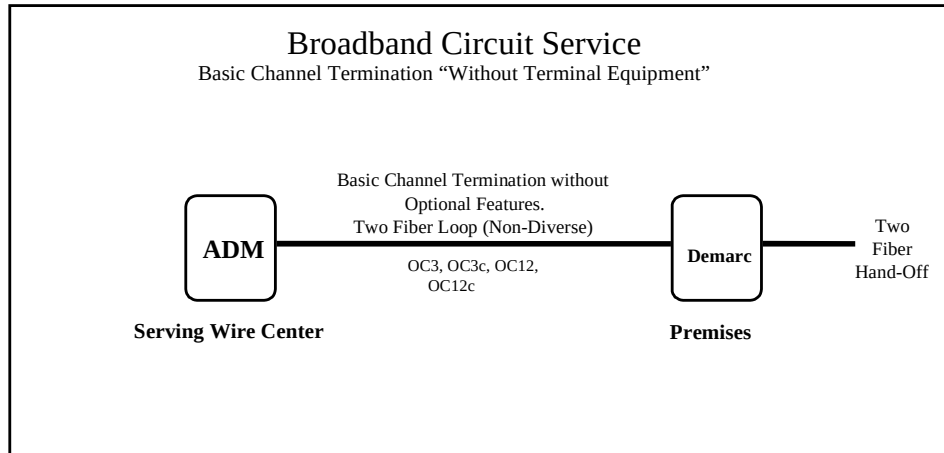
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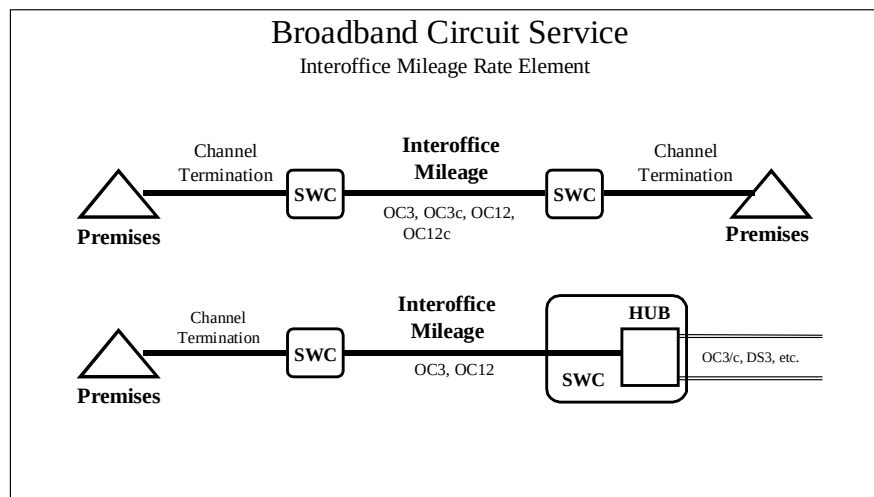
ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)A. Channel Termination (CT) (Cont'd)B. Interoffice Mileage (IM)

IM provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center and a Telephone Company Hub Central Office, or between two Telephone Company Hub Central Offices. The figure below illustrates two deployment scenarios that involve IM.



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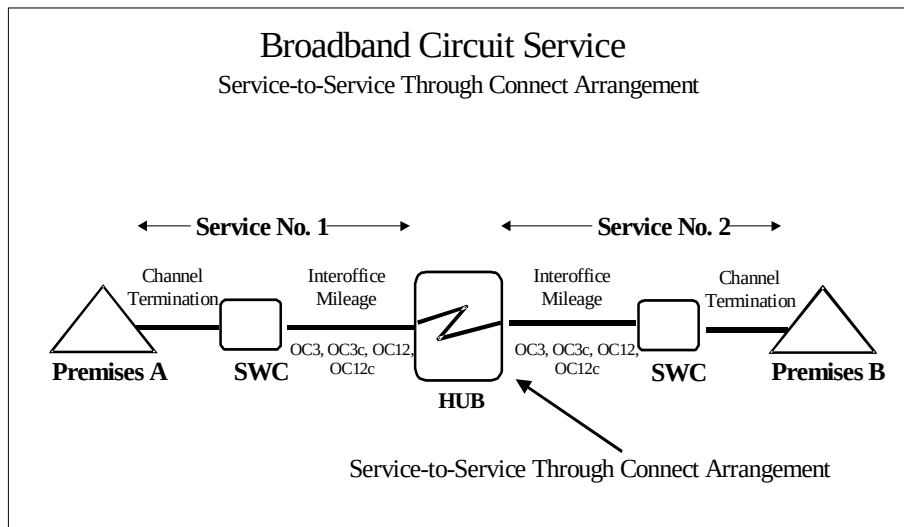
ACCESS SERVICE

20. Broadband Circuit Service (BCS)* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)C. Service-to-Service Through Connect Arrangement

A Service-to-Service Through Connect Arrangement provides for an interconnection of two BCS circuits with the same speed and interface, or a like-speed and interface BCS circuit associated with another compatible Telephone Company provided special access service as provided by the tariff. The figure below illustrates the Service-to-Service Through Connect Arrangement.



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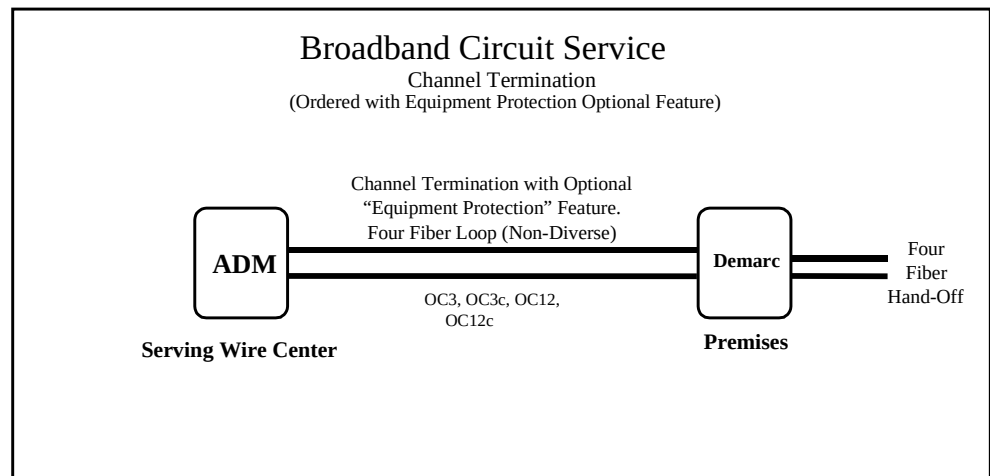
20. Broadband Circuit Service (BCS)* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)D. Optional Features1. Equipment Protection

Equipment Protection (EP) is a CT optional feature that provides for automatic restoration of BCS in the event of an equipment card failure within the Telephone Company's ADM located in the serving wire center. EP is provided via four fibers (working and protect side) in conjunction with the CT. EP does not provide for automatic loop redundancy nor any protection within the customer's ADM on their premises. EP relies upon a customer provided ADM for protection switching functions that are compatible with the Telephone Company's ADM in the serving wire center. EP is not available as a stand-alone feature with Loop Redundancy, since EP is inherent to that feature.

Customers will order EP when they require a non-diverse four fiber loop and a four fiber hand-off to enable EP on their compatible ADM customer premises equipment as described in Technical Publication GR-253-CORE. The figure below illustrates when a CT is ordered with EP.



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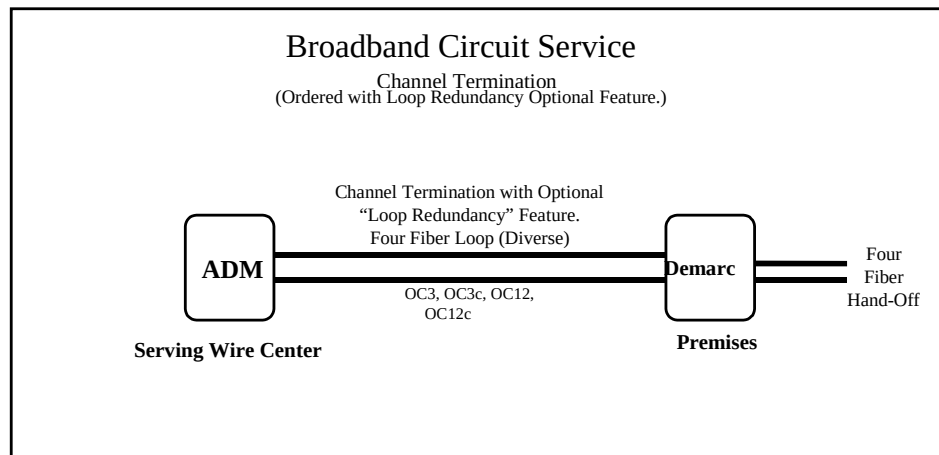
20. Broadband Circuit Service (BCS)* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)D. Optional Features (Cont'd)2. Loop Redundancy

Loop Redundancy (LR) is a CT optional feature that provides for automatic restoration of BCS in the event of either a BCS local loop failure or an equipment line card failure. LR features two physically diverse fiber routes between the first man-hole near the customer's premises and their serving wire center, and is provisioned with a four fiber hand-off to the customer. Dual-entrance facilities into the customer's premises are not included with LR. LR relies upon a customer provided ADM for protection switching functions that are compatible with the Telephone Company's ADM in the serving wire center. To provide equipment line card protection, LR includes the EP optional feature as specified in 19.2(D)(1) preceding. LR is only available where compatible equipment and facilities exist.

A customer would order LR when they require a diverse four fiber loop and a four fiber hand-off to enable LR (and EP) capability on their Customer Premises Equipment ADM. The figure below illustrates when a CT is ordered with LR.



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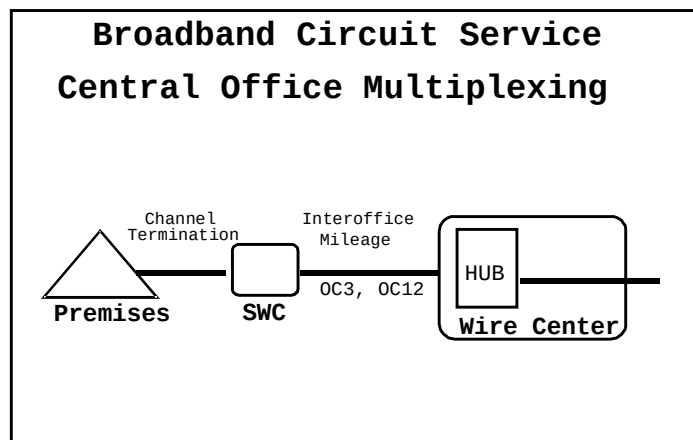
20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)D. Optional Features (Cont'd)3. Central Office Multiplexing

Central Office Multiplexing (CO-MUX) provides an arrangement in a Telephone Company Hub Central Office that demultiplexes a non-concatenated BCS (e.g., OC-3, OC-12) into a mix of lower speed signals. The mix of demultiplexed signals cannot exceed the maximum bandwidth of the higher speed BCS circuit terminated on CO-MUX. Availability of CO-MUX equipment is dependent upon the overall bandwidth of the high-speed circuit being terminated on the multiplexer (e.g., OC-12 BCS) and the desired lower demultiplexed speeds. If asynchronous DS-1 ports are required on an OC-12 BCS circuit, then the OC-3 CO-MUX feature and associated DS-1 ports must be ordered in addition to the OC-12 CO-MUX feature. CO-MUX can only be ordered in conjunction with a BCS circuit. The customer must provide configuration information for the entire multiplexing option at the time the order for the service is placed.

CO-MUX consists of two types of monthly charges; 1) a System Arrangement charge (use of the Central Office Multiplexer), and 2) a Port charge (by available interface and speed.) The figure below illustrates when a CT is ordered with CO-MUX.



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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)D. Optional Features (Cont'd)3. Central Office Multiplexing (Cont'd)a. Central Office Multiplexing System Arrangements1. OC-3 Central Office Multiplexing (OC-3 CO-MUX)

An OC-3 CO-MUX System Arrangement supports the maximum capacity of BCS OC-3 bandwidth with up to: 1) three asynchronous DS-3 signals; or 2) up to three groups of 28 asynchronous DS-1 signals VT mapped to up to three STS-1 channels. A monthly charge applies to each OC-3 System Arrangement ordered. Lower-speed ports are ordered individually, as follows in 20.3.1(C)(3)(b), depending on the BCS bandwidth available.

2. OC-12 Central Office Multiplexing (OC-12 CO-MUX)¹

An OC-12 CO-MUX System Arrangement supports the maximum capacity of BCS OC-12 bandwidth with up to: 1) twelve asynchronous DS-3 signals; or 2) up to four OC-3 channels; or 3) up to four OC-3c channels². A monthly charge applies to each OC-12 System Arrangement ordered. Lower-speed ports are ordered individually, as follows in 20.3.2(C)(3)(b), depending on the BCS bandwidth available.

- (1) If asynchronous DS-1 signals are to be multiplexed from an OC-12 BCS circuit, an OC-3 CO-MUX System Arrangement with associated DS-1 ports must be ordered in addition to the OC-12 CO-MUX System Arrangement with associated OC-3 port.
- (2) If OC-3c circuits are ordered under the OC-12 Central Office Multiplexing Feature, the customer must originate the OC-3c at their premises. The Telephone Company cannot convert individual STS-1 signals to OC-3c channels. In addition, the customer must specify the drop port transport rates for each equivalent STS-1 transported in the BCS circuit. (For example, the customer must specify 12 STS-1s for an OC-12 BCS terminating at the Telephone Company Hub Central Office.)

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd) (C)

20.2 Rate Regulations (Cont'd)

D. Optional Features (Cont'd)

3. Central Office Multiplexing (Cont'd)

b. Central Office Multiplexing Ports

1. OC-3 BCS Central Office Multiplexing Ports

a. DS-1 Port

Converts an OC-3 signal to a maximum of 84 asynchronous DS-1 signals.

b. DS-3 Port

Converts an OC-3 signal to a maximum of three asynchronous DS-3 signals.

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20. Broadband Circuit Service* (Cont'd) (C)20.2 Rate Regulations (Cont'd)D. Optional Features (Cont'd)3. Central Office Multiplexing (Cont'd)b. Central Office Multiplexing Ports (Cont'd)2. OC-12 BCS Central Office Multiplexing Ports¹a. DS-3 Port

Converts an OC-12 signal to a maximum of twelve asynchronous DS-3 signals.

b. OC-3 Port

Converts an OC-12 signal to a maximum of four OC-3 channels.

c. OC-3c Port²

Converts an OC-12 signal to a maximum of four OC-3c channels.

(1) If asynchronous DS-1 signals are to be multiplexed from an OC-12 BCS circuit, an OC-3 CO-MUX System Arrangement with associated DS-1 ports must be ordered in addition to the OC-12 CO-MUX System Arrangement with associated OC-3 port.

(2) If OC-3c circuits are ordered under the OC-12 Central Office Multiplexing Feature, the customer must originate the OC-3c at their premises. The Telephone Company cannot convert individual STS-1 signals to OC-3c channels. In addition, the customer must specify the drop port transport rates for each equivalent STS-1 transported in the BCS circuit. (For example, the customer must specify 12 STS-1s for an OC-12 BCS terminating at the Telephone Company Hub Central Office.)

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd) (C)20.2 Rate Regulations (Cont'd)D. Optional Features (Cont'd)3. Central Office Multiplexing (Cont'd)b. Central Office Multiplexing Ports (Cont'd)

Where compatible facilities and equipment exist, CO-MUX Ports can interconnect with other compatible Telephone Company provided special access services as supported by the tariff.

E. Monthly Rates

Monthly Rates apply to Channel Termination, Interoffice Mileage and Optional Features.

F. Nonrecurring Charges

Non-recurring charges apply to Channel Termination, Central Office Multiplexing, Equipment Protection, Loop Redundancy, Moves, Service-to-Service Through Connect Arrangements and STS-1 Reconfigurations. Nonrecurring BCS installation charges will not apply to existing similar services, filed under Section 12, Specialized Service or Arrangement, that are converted to BCS.

G. Minimum Billing Periods

The Minimum Billing Period for BCS is one year. In the event BCS is terminated prior to completion of the minimum billing period, termination liabilities as described in 20.2(J) will apply.

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(This page filed under Transmittal No. 7)

ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd) (C)20.2 Rate Regulations (Cont'd)H. Term Pricing Plans (TPP)1. General Description

Term Pricing Plans (TPP) are available on Channel Termination, Interoffice Mileage and Central Office Multiplexing monthly rate elements. The TPP stabilizes rates for BCS for the specified period of time. The following TPPs are available:

- Three Year TPP, or
- Five Year TPP.

2. Modifications

When additional like-speed BCS circuits are purchased, the customer may include the additional circuits in an existing TPP if:

- The customer renegotiates their TPP for a period of time equal or greater than the time remaining on the existing TPP;
- The circuits are the same speed; and
- The circuits are located between the same customer designated premises.

3. Renewals

At the end of a TPP period, the customer must select one of the following options within one month prior to the expiration date:

- a. Renew the service for a three or five year TPP as provided in this tariff;
- b. Elect to disconnect the service upon expiration of the billing period; or
- c. Continue the service on a month-to-month basis at the current one year billing period tariff rates.

All services under an existing TPP that are not renewed within the period stated above will revert to Option 3c above and be billed at the current one year (month-to-month) tariff rates.

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)H. Term Pricing Plans (TPP) (Cont'd)4. Conversions

If there is at least one month remaining on an existing 3 year TPP, the customer may convert the service to a higher term TPP without termination liability and, at the time of the access order to convert, retain the service for the period remaining on the higher term TPP. No retroactive TPP discounts will apply prior to the order date.

For example; a customer with an existing 3 Year TPP with 11 months remaining elects to convert to a 5 Year TPP. At the time of the order, the customer will begin paying the 5 year TPP rate for the remaining period of 2 years and 11 months (35 months) on the new TPP.

I. Volume Option

The Volume Option offers rate reductions on two or more BCS circuits purchased under a three or five year TPP. The Volume Option is provided on like-speed BCS circuits ordered under the following conditions:

1. The two or more like-speed BCS circuits are on the same service order whether concatenated or non-concatenated;
2. The two or more BCS circuits are purchased under a three or five year TPP;
3. The two or more BCS circuits are ordered between the same customers designated premises; and

* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)I. Volume Option (Cont'd)

4. If the one or more additional like-speed BCS circuits are ordered under the following conditions:
 - a. The additional circuit(s) accompany at least one or more existing non-discounted like-speed BCS circuit(s) with the same customer premises (end-points) and total at least two BCS circuits,
 - b. The additional circuit(s) is placed under a TPP billing period that equals or exceeds the highest remaining billing period for one of the existing BCS circuits. (e.g., If one BCS circuit is non-discounted, then a minimum three year TPP must be purchased to qualify for a Volume Option. If an existing BCS circuit has two years and 11 months left on a three year TPP, and another BCS circuit is ordered, then a minimum of a three year TPP is required for the two circuits to qualify for a Volume Option discount); and
 - c. Termination liabilities will apply for early disconnection of circuits.

In the event the BCS circuits are not "like-speed" (or otherwise vary in speed such as OC-3 compared to OC-12), or vary in circuit termination end-points, a separate Volume Option would be required for the circuits.

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)J. Termination Liability

Termination Liability will apply in the event BCS is terminated prior to the expiration of the billing period. The termination liability will utilize the following termination percentage:

<u>Billing Period</u>	<u>Termination Percentage</u>
1 year	45%
3 year	35%
5 year	25%

The termination liability is calculated as follows:

$$\left[\begin{array}{cc} \text{Monthly} & \text{Months Remaining} \\ \text{Rate} & \text{X in Billing Period} \end{array} \right] \times \left[\begin{array}{c} \text{Termination} \\ \text{Percentage} \end{array} \right]$$

Example: A customer with a \$10,000 monthly rate terminates service with 10 months remaining in a 3 year billing period. The termination liability would be calculated as:

$$(\$10,000 \times 10 \text{ mo}) \times (0.35) = \$35,000 \text{ Termination Liability.}$$

Under the following conditions, a termination liability will not apply:

1. The customer modifies service as set forth under Moves, (Section 20.2(K) following) as long as the customer maintains the same or greater number of BCS circuits;
2. The customer modifies service as described under Modification of Service, (Section 20.2(L) following); or
3. The customer replaces another special access service with BCS subject to the following criteria:
 - a. Both BCS end points must be the same as the existing special access service end points that it replaces;
 - b. The Minimum Billing Period for BCS must be greater than or equal to the remaining special access service Billing Period; and
 - c.

The total Minimum Billing Period revenue for BCS must be greater than or equal to the remaining Billing Period revenue for the special access service.

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)K. Moves

Moves involve a change in the physical location of one of the following:

- Service facility;
- Point of Termination at the customer's premises; or
- Customer's premises.

Move charges are dependent upon the type of move requested by the customer.

1. Service Facility Move (SFM)

A Service Facility Move is a customer-initiated move of one end of a Telephone Company Central Office distribution link (e.g., jumper cable, DSX patch cable, etc.) from one facility to another existing facility of the same or higher transmission speed. All activity associated with the SFM must occur within a single Telephone Company Hub Central Office. Rates for SFMs are one-time, nonrecurring charges.

In order to be considered a SFM, all associated order activity (disconnects and new connects) must occur simultaneously and the facility to which service is being moved must exist and have sufficient capacity to accept the moved service. A SFM may result in the change of one end point (e.g. customer premises location) of the circuit involved provided the following conditions are met:

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)K. Moves (Cont'd)1. Service Facility Move (SFM) (Cont'd)

- a. The change of customer premises can only occur on the end of the circuit which has the Connecting Facility Arrangement (CFA); and
- b. The customer premises locations involved in the change belongs to the same customer,

OR

- c. The customer premises locations involved in the change belongs to two different customers, but the customer requesting the SFM has previously coordinated the activity such that all activity (disconnects and new connects) will occur simultaneously. If this coordination has not been accomplished beforehand, then the Telephone Company will proceed with the disconnect/new connect orders as non-related and new installation charges will apply for services being relocated.

BCS SFMs may be performed at the following like-speed and interface service levels:

- OC-3 to OC-3 level;
- OC-3c to OC-3c level;
- OC-12 to OC-12 level; or
- OC-12c to OC-12c level.

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)K. Moves (Cont'd)1. Service Facility Move (SFM) (Cont'd)

The following are examples of when BCS SFM Charges would apply:

- a. Rearranging an existing BCS circuit from one port to another port in the same Telephone Company Hub Central Office multiplexer;
- b. Rearranging an existing BCS circuit from one multiplexer to another multiplexer in the same serving wire center; or
- c. Rearranging an existing BCS Channel Termination (CT) to a port of an existing multiplexed higher speed service in the same serving wire center. For example: an OC-3 BCS CT is terminated on low-speed port of a Telephone Company Hub Central Office multiplexer; whereby the Hub is billed to the higher speed service, such as an OC-12 BCS. In this instance, there is an SFM charge for moving the CT from another multiplexer within the Central Office to this one. No SFM charge will apply to subtending services of the service incurring the SFM as long as there is no change to the subtending services.

2. Moves of Point of Termination

A move of a Point of Termination of an existing service to a new location within the same customer premises may be provided, at the customer's request, on a time sensitive basis. Rates and charges as set forth in Section 13, preceding, will apply. No change in billing period is required.

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.1 Rate Regulations (Cont'd)K. Moves (Cont'd)3. Moving Customer Premises

A move of existing service may be provided at the customer's request. The customer will be billed 5% of the normal BCS termination charge. Following the payment of applicable termination charges, customer will be responsible for any non-recurring charges associated with the reconnection of the service (e.g., BCS CT Installation Charge).

In the event a change involves a physical move of the point of termination at the customer's premises or a move of the customer's premises, a "Move" charge will apply. If the move of the customer's premises is as a result of an SFM, stated earlier, and the facility to the new premises is existing, then termination charges will not apply. No non-recurring charges will apply for that end of the channel or circuit except the applicable SFM charge.

One end of a BCS circuit (e.g., the customer premises) may be moved without termination liability provided the following circumstances exist:

- a. Customer maintains the same level and commitment of service (e.g., quantity of like-speed and interface BCS circuits and billing period length.)
- b. All equipment and transport facilities exist at the new location.

Charges for this one-ended move shall be on a time sensitive charge basis. The rates and charges that are set forth in Section 13, preceding will apply.

The following diagrams illustrate typical service arrangements before and after an SFM has occurred.

* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

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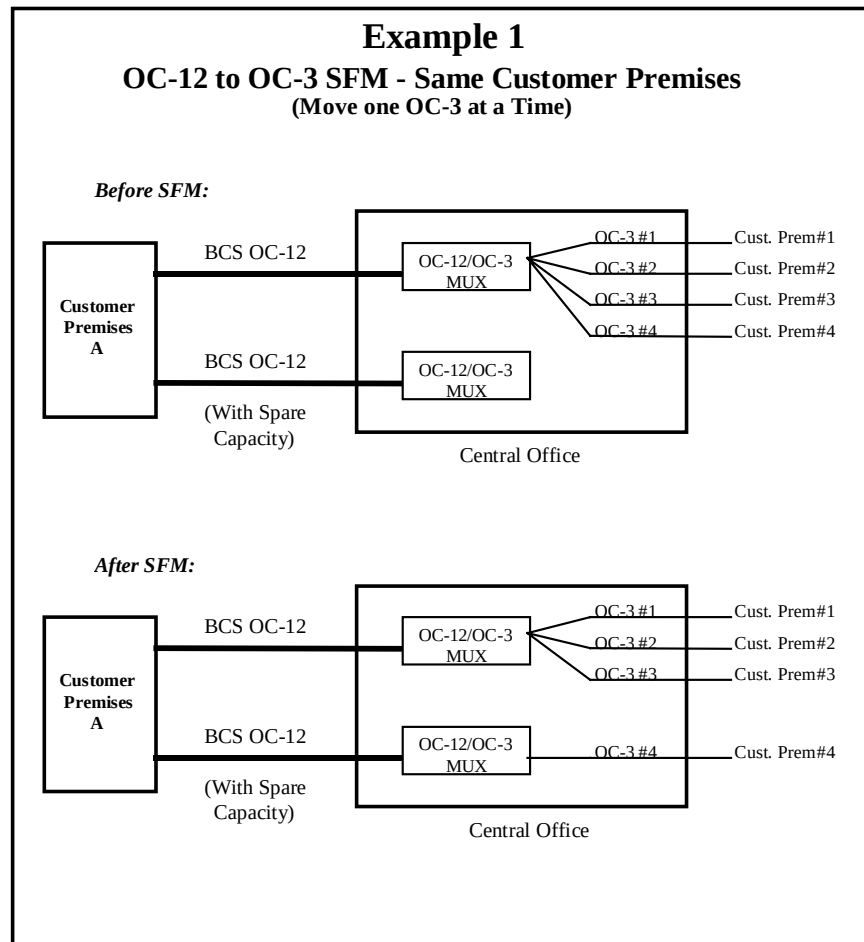
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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.1 Rate Regulations (Cont'd)

K. Moves (Cont'd)

* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

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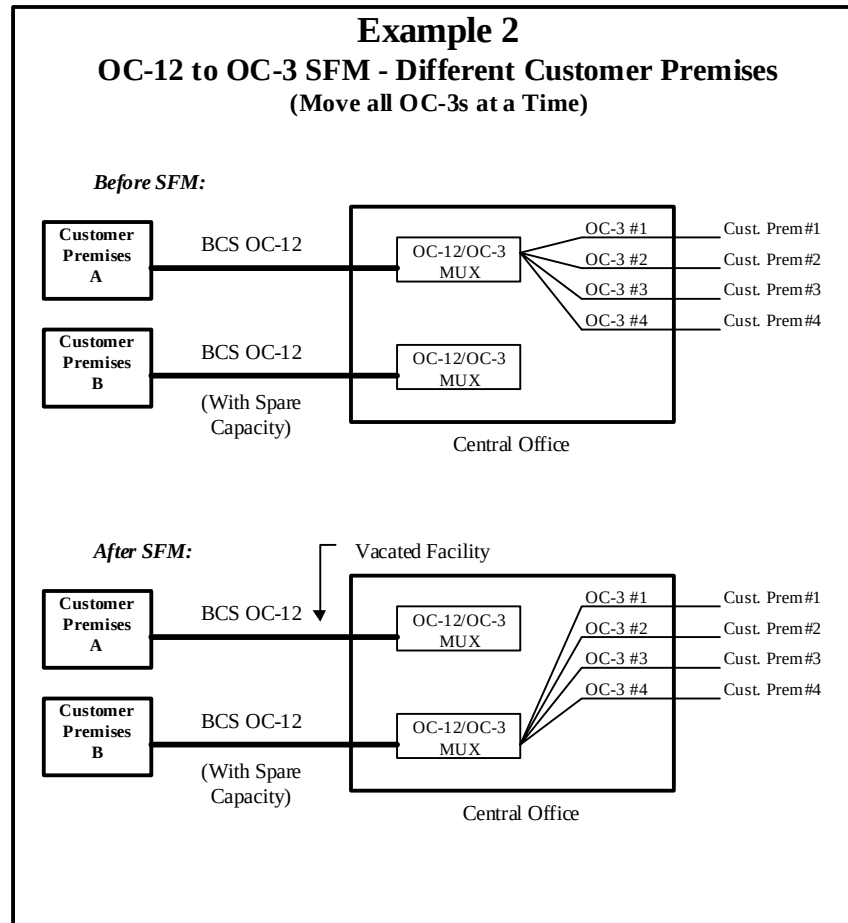
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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)K. Moves (Cont'd)

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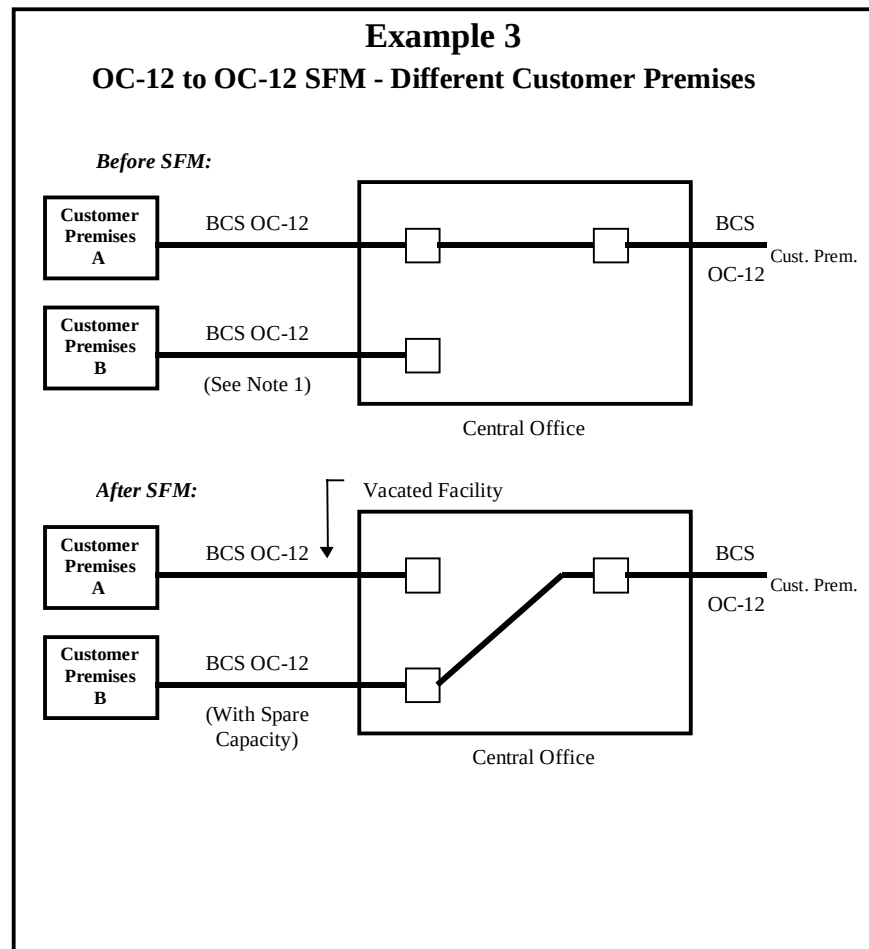
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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)K. Moves (Cont'd)

* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)L. Modification of Service

The customer may request to modify BCS (i.e., establish a new billing period, add rate elements to existing service, a change in existing multiplexing port configuration, or change an existing STS-1 configuration) provided the service end points remain the same, and there are existing facilities and equipment in place to provision the requested modification.

Modification of Service are changes to existing services which do not result in either a change in the physical point of termination at the customer's premises, or the customer's end-user premises. Under Modification of Service, all BCS rate element terms and conditions apply, including the applicable recurring and nonrecurring charges as set forth under the minimum billing period or Term Pricing Plan as the existing BCS service being modified.

1. Establishing New Billing Period: When a new billing period is requested, the following conditions must be met:
 - a. A new billing period is established which includes a new minimum service period (i.e., one year minimum);
 - b. The expiration of the new billing period must extend to or beyond the expiration of the existing billing period;
 - c. The total revenue, based on recurring rates, over the revised billing period must be equal to or greater than the remaining revenue from the existing billing period;
 - d. The service end points must remain the same.
2. Port Modification Charge: On non-concatenated OC3 or OC12 BCS circuits configured between a customer designated premises and a Telephone Company Hub Central Office, a port modification charge (recurring and nonrecurring) would apply under the following conditions:
 - a. A customer modifies an existing multiplexing port configuration that requires the disconnection of one existing port and the installation of a replacement port at the same speed, (e.g., a request to replace an OC-3c port with an OC-3 port on an OC-12 BCS).

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ACCESS SERVICE

20. Broadband Circuit Service (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)L. Modification of Service (Cont'd)2. Port Modification Charge (Cont'd)

- b. A customer modifies an existing multiplexing port configuration that requires the disconnection of one or more existing ports and the installation of one or more different ports that do not exceed the aggregate bandwidth of the disconnected port, (e.g., a request to replace three DS3 ports with an OC-3 port on an OC-12 BCS).
- c. A customer orders an additional port for an existing multiplexing configuration, which does not result in the disconnection of existing multiplexing ports.

3. STS-1 Channel Reconfiguration Charge: On non-concatenated OC12 BCS circuits configured as:

- Premises-to-Premises,

Or

- Premises-to-Hub that interconnect with another like-speed OC12 BCS circuit using a Service-to-Service Through Connect Arrangement,

A customer may change the Synchronous Transport Signal-1 (STS-1) configuration on their existing non-concatenated BCS circuit to permit the transmission of lower speed concatenated signals through the Telephone Company network (i.e., STS-3c). This charge does not apply to OC3, OC3c or OC12c BCS circuits configured as premises-to-premises or (if applicable) premise-to-hub when the Central Office Multiplexing feature is involved. The STS-1 Reconfiguration Charge does not apply as well to OC12 circuits configured as premise-to-hub with the Central Office Multiplexing feature.

This charge is a non-recurring charge, to be applied on a per circuit, per service order change basis. When reconfiguring the STS-1s of an OC12 circuit, there will be a service disruption of that circuit when the channels are reconfigured. Any available service level guarantees will not be applied during this outage. If the customer wishes to revert back to their original STS-1 configuration, a separate STS-1 Channel Reconfiguration Charge will apply. The following are examples where the STS-1 Channel Reconfiguration Charge applies:

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)L. Modification of Service (Cont'd)3. STS-1 Channel Reconfiguration Charge (Cont'd)

Example 1: A premise-to-premise OC12 BCS is ordered where the customer requests a configuration as twelve individual STS-1s with no request to concatenate STS-1s within that bandwidth (or group them together as contiguous STS-1s.) Six months later, the customer requests their existing OC12 BCS to utilize three STS-1 channels for transmission of concatenated STS-3c leaving nine STS-1 channels and one STS-3c channel. This customer-initiated change requires a separate order, which specifies the Connecting Facility Assignment (CFA), in which STS-1s are to be made contiguous within the OC12 BCS. This concatenated bandwidth will be identified with a circuit identification and a design layout report will be issued to the customer verifying the time slots used. To process this request, an STS-1 Channel Reconfiguration Charge will apply per circuit.

Example 2: If Example 1 above is reversed, whereby the customer requests their existing premise-to-premise, non-concatenated OC12 BCS to be configured as twelve STS-1 channels instead of one STS-3c and nine STS-1 channels, an STS-1 Channel Reconfiguration Charge will also apply per circuit.

Example 3: A premise-to-hub OC12 BCS circuit is ordered to be interconnected via a Service-to-Service Through Connect Arrangement to another premise-to-hub OC12 BCS circuit. As in Example 1, the customer requests a configuration as twelve individual STS-1s with no request to concatenate STS-1s within that bandwidth (or group them together as contiguous STS-1s.) Six months later, the customer requests their existing OC12 BCS circuits (both of them) to utilize three STS-1 channels for transmission of concatenated STS-3c leaving nine STS-1 channels and one STS-3c channel. This customer-initiated change requires a separate order, which specifies the Connecting Facility Assignment (CFA), in which STS-1s are to be made contiguous within each of the two OC12 BCS circuits. This concatenated bandwidth will be identified with a circuit identification and a design layout report will be issued to the customer verifying the time slots used. To process this request, an STS-1 Channel Reconfiguration Charge will apply per BCS circuit. In this example there are two BCS circuits, therefore, two charges would apply.

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)L. Modification of Service (Cont'd)3. STS-1 Channel Reconfiguration Charge (Cont'd)

Example 4: If Example 3 above is reversed, whereby the customer requests their existing premise-to-hub, non-concatenated OC12 BCS to be configured as twelve STS-1 channels instead of one STS-3c and nine STS-1 channels, an STS-1 Channel Reconfiguration Charge will also apply per BCS circuit. The other through-connected BCS circuit would also require the same STS-1 configuration. In this example there are two BCS circuits, therefore, two charges would apply.

M. Shared Use

Shared Use is the provision of Switched Access and BCS over the same transmission path through the use of a common interface. Shared Use will only be available with BCS provided from a customer designated premises to a Telephone Company Hub Central Office. Regulations for shared use facilities are established in Sections 5.2.7, 6.7.12, and 7.2.7 preceding. Ordering provisions for shared use facilities are set forth in Section 5.2.7 (Shared Use) preceding.

Existing BCS facilities can be converted to shared use facilities by activating a portion of available capacity for Switched Access. While the customer may designate any percentage of BCS for Shared Use, credit will only be applied up to 50% of the voice-grade equivalent capacity provided in conjunction with BCS. Any charges associated with BCS Optional Features will be rated as 100% BCS. Services provided over shared use facilities are ordered, provided and rated either as Switched Access (i.e., Entrance Facility, Direct-Trunked Transport, Tandem-Switched Transport and Multiplexing) or as BCS (i.e. Channel Termination, Interoffice Mileage and Central Office Multiplexing) as set forth following:

1. On shared use facilities, the customer for the Switched Access Service may be different from the customer for the BCS. When the Switched Access customer is not the same as the BCS customer, all BCS charges and Switched Transport charges (including Switched Transport features charges) will be billed to the customer who initially ordered the facility. All other Switched Access charges will be separately billed to the customer who ordered the Switched Access Service;

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)M. Shared Use (Cont'd)

2. When an existing BCS facility is converted to a shared use facility by using an available portion of the capacity for Switched Access Service, the applicable nonrecurring charges (including the Access Order Charge) will be the nonrecurring charges associated with the Switched Access service being ordered;
3. The customer must place an order for each individual Switched Access Service of BCS utilizing the shared use facility and must also specify the channel assignment for each service;
4. All channels within a shared use facility will be rated and billed as set forth in the following:
 - a. When a DS-3 facility is ordered and provisioned as a Switched Access, all channels, including spares, will be rated and billed as Switched Access. A DS-3 facility is the minimum capacity that shared use can be applied to a BCS circuit.
 - b. When a DS-3 facility is ordered and provisioned as a Special Access High Capacity Service, all channels, including spares, will be rated and billed as Special Access until such time as DS-3 facility becomes shared use can be applied to a BCS circuit.
 - c. Once a DS-3 facility, ordered as either Switched or Special Access, becomes shared use, all spare channels on the DS-3 facility will be rated and billed as Switched Access.
 - d. On a BCS shared use facility, ordered either as Switched Access or BCS Special Access, the designated Switched Access Channels on the BCS facility must total the active and spare channels on each DS-3 facility (must total 28 DS-1 or 672 voice grade equivalents.) The following is an example where Switched Access would be placed on a BCS OC-3 facility:

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)M. Shared Use (Cont'd)

4. (Cont'd)

d. (Cont'd)

Example: A DS-3 channel within a BCS OC-3 facility is to be activated for shared use. The DS-3 channel contains 28 DS-1 channels and will be configured for 20 active and 8 spare channels (or 480 active and 192 spare voice-grade equivalent channels.) The DS-3 facility is considered 100% Switched Access and the shared use BCS OC-3 facility is prorated by one DS-3 channel or 28 DS-1 channels. This example is prorated as follows:

{ 1 DS-3 / 3 DS-3s available per OC-3 BCS }.

Conversion to voice-grade level is calculated as follows:
{672 voice grade equivalents per DS-3/2016 voice grade equivalents per OC-3 BCS}.

If 6 of the 20 active DS-1 channels stated above are disconnected and become spare, the DS-3 facility will continue to be considered as 100% Switched Access, and be prorated as stated above.

If multiplexing is associated with the shared use facility, the monthly recurring rate for the Switched Access multiplexer would be prorated in the same manner as the Entrance Facility and Channel Termination. No DS-1 to DS0 multiplexing is available with BCS as this feature is available under existing DS-1 service tariffs.

e. Channels being used in conjunction with CCS/SS7 Interconnection Service are included in the channel counts for Switched Access.

5. Customers requesting Service Facility Moves (SFM) of shared use facilities will be assessed nonrecurring charges as specified in Section 20.2(K)(1) (Service Facility Moves) preceding.

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)N. Jointly Provided Service

Jointly Provided Service is where one end of a BCS circuit is located in one exchange telephone company operating territory and the other end of the service is located in another exchange telephone company operating territory. Jointly Provided Service and associated billing arrangements are described in Section 2.4.8, preceding.

Jointly Provided Service is also referred to as "meet-point-billing arrangements." These arrangements are not currently available with Broadband Circuit Service.

O. Conversions of Existing Similar Services Filed As Specialized Services or Arrangements to the BCS General Tariff Offering

The conversion of services, that are similar in description to BCS, to the general BCS tariff offering applies only to those purchased on an Individual Case Basis and currently filed under Section 12, Specialized Service or Arrangement. Within 60 days following the effective date of this tariff, the customer is required to either convert to the general tariff offering or terminate any existing service as filed under Section 12. If the customer chooses to convert to the general tariff offering, the customer will convert to a billing period that is equal to or greater than the period remaining on their existing service, but not less than the minimum billing period of one year, and be charged the applicable recurring rates for that period as shown in Section 20.3 following. Termination charges and nonrecurring BCS installation charges will not apply if the customer chooses to convert their service, filed under Section 12, to the general tariff offering.

P. Ordering Options and Conditions

BCS is ordered under the Access Order provisions set forth in Section 5 (Ordering for Access Service) preceding. Also included in Section 5 are the other charges which may be associated with ordering BCS(e.g., Service Date Change Charges, Cancellation Charges, etc.)

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.2 Rate Regulations (Cont'd)Q. Collocation Transport

Collocation Transport provides for the transmission facilities between collocation arrangements located in Telephone Company Central Offices.

There are two components of Collocation Transport.

(1) Inter/Intra Office Fixed

Inter/Intra office fixed rate element provides for the electronic equipment required to terminate a channel between two collocation arrangements located either in the same central office (intra) or in two separate central offices (inter).

(2) Inter Office Per Mile

The Per Mile charge provides for the electronic equipment and facilities necessary to provide the interoffice transport between two collocation arrangements.

(R) Interconnection Arrangement with Other Special Access Services

A BCS Circuit can interconnect with another Special Access Service of a higher speed via a cross-connect facility in the following manner:

- (1) BCS OC-3/OC-3c with SONET Ring and Access Service (SRAS) OC-12
- (2) BCS OC-3/OC-3c with SONET Ring and Access Service (SRAS) OC-48
- (3) BCS OC-12/OC-12c with SONET Ring and Access Service (SRAS) OC-48

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)20.3 Rates and Charges20.3.1 OC-3(A) Channel Termination

- per BCS Circuit, per Customer Premises

<u>Volume Option</u>	<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
		<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
	T6XBX/T6XB+	\$4,000	\$2,930	\$1,350(R)	\$2,000	\$1,000	\$0
2 plus	T6XEX/T6XE+	n/a	\$2,635	\$1,670	n/a	\$ 750	\$0

* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)20.3 Rates and Charges (Cont'd)20.3.1 OC-3 (Cont'd)(B) Mileage

- per BCS Circuit

(1) Fixed

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
1HYBS/1HYB+	\$1,600	\$1,400	\$1,000(R)	\$0	\$0	\$0

(2) Per Mile

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
1HYBS/1HYB+	\$193	\$154	\$110	\$0	\$0	\$0

* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)20.3 Rates and Charges (Cont'd)20.3.1 OC-3 (Cont'd)(C) Optional Features(1) Equipment Protection

Per Channel Termination, per Customer Premises

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
APPBX/APPB+	\$195	\$195	\$195	\$150(R)	\$75(R)	\$0

(2) Loop Redundancy

Per Channel Termination, per Customer Premises

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
DVDLX/DVDL+	\$390	\$390	\$390	\$600	\$300	\$0

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Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Nevada to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.3 Rates and Charges (Cont'd)20.3.1 OC-3 (Cont'd)(C) Optional Features (Cont'd)(3) Central Office Multiplexing(a) Central Office Multiplexing System Arrangement

- Per OC-3 System Arrangement

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
MXNBX/MXNB+	\$1,800	\$1,200	\$950	\$600	\$300	\$0

* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

(N)
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Effective: January 11, 2002

One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.3 Rates and Charges (Cont'd)20.3.1 OC-3 (Cont'd)(C) Optional Features (Cont'd)(3) Central Office Multiplexing (Cont'd)(b) Central Office Multiplexing Ports

- Per Port

(1) DS-1 Port

	USOC	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
		<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
Initial Order:	PYVP1/PYVP+	\$60	\$60	\$60	\$300	\$150	\$ 0
Modification:	NRMBB/NRMB+	\$60	\$60	\$60	\$300	\$150	\$150

(2) DS-3 Port

	USOC	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
		<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
Initial Order:	PYVP3/PYVP+	\$150	\$150	\$150	\$600	\$300	\$ 0
Modification:	NRMBB/NRMB+	\$150	\$150	\$150	\$600	\$300	\$300

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.3 Rates and Charges (Cont'd)20.3.1 OC-3 (Cont'd)(D) Service-to-Service Through Connect Arrangement (OC-3)

USOC	Monthly Rate			Nonrecurring Charges		
	1 year	3 year	5 year	1 year	3 year	5 year
THA	\$0	\$0	\$0	\$300	\$300	\$300

(E) Moves (OC-3)(1) Service Facility Move

USOC	Monthly Rate			Nonrecurring Charges		
	1 year	3 year	5 year	1 year	3 year	5 year
NRMB	\$0	\$0	\$0	\$650	\$650	\$650

(2) Moves of Point of Termination

See Section 13, preceding for rates and charges.

(3) Moving Customer Premises

See Section 13, preceding for rates and charges.

* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.3 Rates and Charges (Cont'd)20.3.1 OC-3 (Cont'd)(F) Collocation Transport

	<u>USOC</u>	<u>Monthly Rate</u> <u>Fixed</u>	<u>Per Mile</u>	<u>Nonrecurring</u> <u>Charges</u>
BCS Circuit (1H48S)				
1 Year		\$1,600	\$193	\$3,000
3 Year		\$1,400	\$154	\$1,500
5 Year		\$1,150	\$110	\$ 0

(G) Interconnect Arrangement with Other Special Access Services OC-3 Cross-Connect

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring</u> <u>Charges</u>
Cross-Connect (THA)			
1 Year		\$0	\$300
3 Year		\$0	\$300
5 Year		\$0	\$300

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.3 Rates and Charges20.3.2 OC-12(A) Channel Termination

- per BCS Circuit, per Customer Premises

<u>Volume Option</u>	<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
		<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
	T6XBX/T6XB+	\$9,900	\$8,460	\$5,445	\$5,000	\$2,500	\$0
2 plus	T6EX/T6XE+	n/a	\$7,610	\$4,320	n/a	\$2,500	\$0

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd))

(C)

20.3 Rates and Charges (Cont'd)20.3.2 OC-12 (Cont'd)(B) Mileage

- per BCS Circuit

(1) Fixed

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
1HYBS/1HYB+	\$7,100	\$6,500	\$5,800	\$0	\$0	\$0

(2) Per Mile

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
1HYBS/1HYB+	\$330	\$275	\$200	\$0	\$0	\$0

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.3 Rates and Charges (Cont'd)20.3.2 OC-12 (Cont'd)(C) Optional Features(1) Equipment Protection

- Per Channel Termination, per Customer Premises

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
APPBX/APPB+	\$300	\$300	\$300	\$360	\$180	\$0

(2) Loop Redundancy

Per Channel Termination, per Customer Premises

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
DVDLX/DVDL+	\$590	\$590	\$590	\$720	\$360	\$0

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.3 Rates and Charges (Cont'd)20.3.2 OC-12 (Cont'd)(C) Optional Features (Cont'd)(3) Central Office Multiplexing(a) Central Office Multiplexing System Arrangement

- Per OC-12 System Arrangement

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
MXNBX/MXNB+	\$3,750	\$2,500	\$1,900	\$1,000	\$500	\$0

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.3 Rates and Charges (Cont'd)20.3.2 OC-12 (Cont'd)(C) Optional Features (Cont'd)(3) Central Office Multiplexing (Cont'd)(b) Central Office Multiplexing Ports

- Per Port

(1) DS3 Port

USOC	Monthly Rate			Nonrecurring Charges		
	1 year	3 year	5 year	1 year	3 year	5 year
Initial Order: PYVP3/PYVP+	\$150	\$150	\$150	\$600	\$300	\$ 0
Modification: NRMBB/NRMB+	\$150	\$150	\$150	\$600	\$300	\$300

(2) OC-3 Port

USOC	Monthly Rate			Nonrecurring Charges		
	1 year	3 year	5 year	1 year	3 year	5 year
Initial Order: PYVPC/PYVP+	\$180	\$180	\$180	\$600	\$300	\$ 0
Modification: NRMBD/NRMB+	\$180	\$180	\$180	\$600	\$300	\$300

(3) OC-3c Port

USOC	Monthly Rate			Nonrecurring Charges		
	1 year	3 year	5 year	1 year	3 year	5 year
Initial Order: PYVPO/PYVP+	\$180	\$180	\$180	\$600	\$300	\$ 0
Modification: NRMBE/NRMB+	\$180	\$180	\$180	\$600	\$300	\$300

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.3 Rates and Charges (Cont'd)20.3.2 OC-12 (Cont'd)(D) Service-to-Service Through Connect Arrangement (OC-12)

USOC	Monthly Rate			Nonrecurring Charges		
	1 year	3 year	5 year	1 year	3 year	5 year
THA	\$0	\$0	\$0	\$300	\$300	\$300

(E) Moves(1) Service Facility Move (OC-12)

USOC	Monthly Rate			Nonrecurring Charges		
	1 year	3 year	5 year	1 year	3 year	5 year
NRMBBS	\$0	\$0	\$0	\$650	\$650	\$650

(2) Moves of Point of Termination

See Section 13, preceding for rates and charges.

(3) Moving Customer Premises

See Section 13, preceding for rates and charges.

(F) STS-1 Channel Reconfiguration Charge

USOC	Monthly Rate			Nonrecurring Charges		
	1 year	3 year	5 year	1 year	3 year	5 year
NRMBF	\$0	\$0	\$0	\$600	\$600	\$600

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ACCESS SERVICE

20. Broadband Circuit Service* (Cont'd)

(C)

20.3 Rates and Charges (Cont'd)20.3.2 OC-12 (Cont'd)(G) Collocation Transport

	<u>USOC</u>	<u>Fixed</u>	<u>Monthly Rate Per Mile</u>	<u>Nonrecurring Charges</u>
BCS Circuit (1H48S)				
1 Year		\$7,100	\$330	\$5,000
3 Year		\$6,500	\$275	\$2,500
5 Year		\$5,800	\$200	\$ 0

(H) Interconnect Arrangement with Other Special Access
Services OC-12 Cross-Connect

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Cross-Connect (THA)			
1 Year		\$0	\$300
3 Year		\$0	\$300
5 Year		\$0	\$300

* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

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ACCESS SERVICE

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service21.1 General Description

OCN Point-to-Point service will be designed to provide the customer with a custom point to point linear network. The Optical Point-to-Point service will offer a highly reliable transport service that is designed to connect customer locations and SBC wire centers in a linear (point to point) configuration. Large volumes of information can be transported between two locations in a dedicated, high-bandwidth optical path. Specifically, the OCN Point-to-Point services can handle voice, data, video, imaging, Internet traffic and other advanced broadband applications.

Rates and charges for Optical Carrier Network (OCN) Point-to-Point Service are set forth in Section 21.3 following, with the exception of the services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. The rates and charges for the Optical Carrier Network (OCN) Point-to-Point Service in the MSAs that have received Phase II pricing flexibility are set forth in Section 22.

OCN Point-to-Point channels provide high speed synchronous optical fiber-based full duplex data transmission capabilities between two points. These services provide optical data transmission with the following characteristics:

- OC-3/OC-3c provides channels operating at the terminating bit rate of 155.52 Mbps;
- OC-12/OC-12c provides channels operating at the terminating bit rate of 622.08 Mbps;
- OC-48/OC-48c provides channels operating at the terminating bit rate of 2488.32 Mbps;
- OC-192/OC-192c provides channels operating at the terminating bit rate of 9953.28 Mbps;

(N)

OC-3, OC-12, OC-48 and OC-192 channels may be used to connect:

- a customer designated premises to another customer designated premises, without the add/drop multiplexing capability.
- a customer designated premises to a Telephone Company location where add/drop multiplexing and add/drop functions are performed.

Optical Transmission paths for OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC-192/OC-192c differentiated by bit rate and the quality of transmission is as delineated by the Optical Interface definitions in the appropriate technical reference publication(s) for the service ordered.

(N)

(This page filed under Transmittal No. 101)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.1 General Description (Cont'd)

OC-3, OC-12, and OC-48 may be connected by (1) using the appropriate OC-3, OC-12 or OC-48 add/drop multiplexer (mux) along with the add/drop function to a DS1 and/or DS3 at suitably equipped wire centers, or (2), by using the full bandwidth premises to premises.

Where appropriate facilities are not immediately available, negotiated intervals or special construction charges may apply. The customer is responsible via the ordering process to identify what STS signal configuration is to be contained in each OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC-192/OC-192c service connection and each STS-1, STS-3 and/or STS-12 payload content. This information is needed for routing and connection purposes in the network. OCN does not extend the SONET data communication channel overhead across the network interface to the customer's equipment. (N)

OC-3, OC-12, OC-48 and OC-192 based on customer requirements can be configured in any of the following ways:

(A) OC-3

(1) three STS-1 (Synchronous Transport Signals) channels which each contain:

- one DS3 that is STS-1 mapped; or
- up to 28 asynchronous DS1s that are VT-mapped; or
- an STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an add/drop function to DS1 or DS3 services within the network;

(2) a single concatenated STS-3C channel.

(B) OC-12

(1) twelve STS-1 channels which each contain:

- one DS3 that is STS-1 mapped; or
- up to 28 asynchronous DS1s that are VT-mapped; or
- an STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an add/drop function to DS1 or DS3 services within the network;

(This page filed under Transmittal No. 101)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)

(N)

21.1 General Description (Cont'd)(B) OC12 (Cont'd)

- (2) four concatenated STS-3C channels.
- (3) from one to three STS-3Cs channels mixed with from three to nine STS-1 channels subject to utilization of the total OC-12 capacity.
- (4) a single concatenated STS-12C channel.

(C) OC-48

- (1) forty-eight STS-1 channels which each contain:
 - one DS3 that is STS-1 mapped; or
 - up to 28 asynchronous DS1s that are VT-mapped; or
 - an STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an add/drop function to DS1 or DS3 services within the network;
- (2) sixteen concatenated STS-3C channels.
- (3) from one to fifteen concatenated STS-3C channels, mixed with from three to forty-five STS-1 channels subject to utilization of the total OC-48 capacity.
- (4) four concatenated STS-12Cs channels.
- (5) from one to three concatenated STS-12C channels, mixed with from twelve to thirty-six STS-1 channels subject to utilization of the total OC-48 capacity.
- (6) from one to three concatenated STS-12C channels, mixed with from four to twelve concatenated STS-3C channels, also mixed with from three to thirty-three STS-1 channels subject to utilization of the total OC-48 capacity.
- (7) from one to three concatenated STS-12C channels, mixed with from one to eleven concatenated STS-3C channels, also mixed with from three to thirty-three STS-1 channels, subject to utilization of the total OC-48 capacity.

(N)

(This page filed under Transmittal No. 7)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)

(N)

21.1 General Description (Cont'd)(D) OC-192

- (1) One hundred ninety two interleaved STS-1 Channels which each contain:
 - One DS3 that is STS-1 mapped; or
 - Up to 28 asynchronous DS1s that are VT-mapped; or
 - An STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via and Add/Drop Function to DS1 or DS3 services within the network;
- (2) Sixty four interleaved concatenated STS-3 channels.
- (3) From one to sixty three interleaved concatenated STS-3c channels, mixed with from three to one hundred eighty nine STS-1 channels, subject to utilization of the total STS-192 capacity.
- (4) Sixteen interleaved concatenated STS-12c channels.
- (5) From one to fifteen interleaved concatenated STS-12c channels mixed with from twelve to one hundred eighty STS-1 channels, subject utilization of the total STS-192 capacity.
- (6) From one to fifteen interleaved concatenated STS-12c channels, mixed with from four to sixty concatenated STS-3c channels subject to utilization of the total STS-192 capacity.
- (7) From one to fifteen interleaved concatenated STS-12c channels, mixed from one to fifty nine concatenated STS-3c channels, also mixed with from three to one hundred seventy seven STS-1 channels, subject to utilization of the total STS-192 capacity.
- (8) Four interleaved concatenated STS-48c channels.

(N)

(This page filed under Transmittal No. 29)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.1 General Description (Cont'd)(D) OC-192 (Cont'd)

- (9) From one to three interleaved concatenated STS-48c channels, mixed with from forty eight to one hundred forty four STS-1 Channels, subject to utilization of the total STS-192 capacity.
- (10) From one to three interleaved concatenated STS-48c channels, mixed with from sixteen to forty eight STS-3c channels, subject to utilization of the total STS-192 capacity.
- (11) From one to three interleaved concatenated STS-48c channels, mixed with from four to twelve STS-12c channels, subject to utilization of the total STS-192 capacity.
- (12) From one to three interleaved concatenated STS-48c channels, mixed with from one to forty seven concatenated STS-3c channels, also mixed with from three to one hundred forty one STS-1 channels, subject to utilization of the total STS-192 capacity.
- (13) From one to three interleaved concatenated STS-48c channels, mixed with from one to eleven concatenated STS-12c channels, also mixed with from twelve to one hundred thirty two STS-1 channels, subject to utilization of the total STS-192 capacity.
- (14) From one to three interleaved concatenated STS-48 channels, mixed with from one to eleven concatenated STS-12c channels, also mixed with from four to forty four concatenated STS-3c channels, subject to utilization of the total STS-192 capacity.
- (15) From one to three interleaved concatenated STS-48 channels, mixed with from one to eleven concatenated STS-12c channels, also mixed with from three to one hundred twenty nine STS-1 channels, subject to utilization for the total STS-192 capacity.
- (16) A single concatenated STS-192c channel. (N)

(This page filed under Transmittal No. 101)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations

This section contains the specific regulations governing the rates and charges which may apply to OCN Point-to-Point Service. The rates and charges in effect at the time the OCN Point-to-Point Service is installed and accepted by the customer are the rates and charges which will be billed to the customer requesting the service. The rates and charges in effect at the time may not be the same as those rates and charges in effect at the time the customer requests the service.

If the Telephone Company initiates rate changes resulting in a decrease of rates for an existing OC-3, OC-12 or OC-48 service with a 1, 3, or 5 year billing period, or for an existing OC-192 service with a 3 or 5 year billing period, those rate changes will be passed along to the customer. Rate changes resulting in an increase of rates for an existing OC-3, OC-12 or OC-48 service with a 1, 3, or 5 year billing period, or for an existing OC-192 service with a 3 or 5 year billing period will not exceed the original rate for that selected billing period. Rate changes may occur as a result of F.C.C. action.

The four basic rate categories for OCN Point-to-Point Service are Local Distribution Channel, Interoffice Transport, Collocation Transport and Optional Features and Functions.

(A) Local Distribution Channel (LDC)

The Local Distribution Channel (LDC) (same as Channel Termination (CT)) rate category provides for the communications path between a customer designated premise and the serving wire center of that premise. LDCs are only offered without SBC provided and maintained terminal ADM equipment at the customers designated premises and will hand-off basic 2-fiber or 4-fiber optic cables, depending upon the optional feature (as ordered). One LDC is applied per customer designated premises at which the channel is terminated even if collocation exists.

OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC-192/OC-192c LDCs (N) provide point-to-point optical interconnection between the Telephone Company Serving Wire Center (SWC) and the customer premises.

The customer is required to provide ADM that is compatible with the Telephone Company central office ADM as is described in Technical Publication GR-253-CORE.

All LDCs comprising a channel must have the same terminating bit rate unless multiplexing is performed at a Telephone Company Hub location.

(This page filed under Transmittal No. 101)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(B) Interoffice Transport

Interoffice Transport facilities comprised of Fixed and Per Mile rate elements, provide the transmission paths between Serving Wire Centers associated with two customer designated premises or between a Serving Wire Center associated with a customer premises and a Telephone Company Hub location. Four interoffice transport types are available.

OC-3/OC-3c LDCs are interconnected to OC-3/OC-3c transport.
OC-12/OC-12c LDCs are interconnected to OC-12/OC-12c transport.
OC-48/OC-48c LDCs are interconnected to OC-48/OC-48c transport.
OC-192/OC-192c LDCs are interconnected to OC-192/OC-192c transport. (N)

In addition, interoffice transport can be connected between wire centers with Add/Drop multiplexing at a lower OC-N speed than the LDCs, if the transport is between a lower speed Add/Drop Function and:

- another lower speed Add/Drop Function;
- another lower speed Local Distribution Channel;
- a lower speed Dedicated Ring Port;

All of the above terminations must be the same speed as the transport.

(C) Collocation Transport

Collocation Transport provides for the transmission facilities arrangement between a Telephone Company central office frame and a collocation frame located in the Telephone Company Central Office.

There are two components of Collocation Transport.

(1) Inter/Intra Office Fixed

Inter/Intra office fixed rate element provides for the electronic equipment required to terminate a channel between two collocation arrangements located either in the same central office (intra) or in two separate central offices (inter).

(2) Inter Office Per Mile

The Per Mile charge provides for the electronic equipment and facilities necessary to provide the interoffice transport between two collocation arrangements.

(This page filed under Transmittal No. 101)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(C) Collocation Transport (Cont'd)

The following types of collocation transport are:

OC-3/OC-3c
OC-12/OC-12c
OC-48/OC-48c
OC-192/OC-192c

(N)

In addition to the collocation transport charge, one EISCC charge, of the same speed, from Section 18.8.2 will apply per collocation arrangement.

(D) Optional Features and Functions

The following optional features and functions are available:

Central Office Features which consist of:

- Add/drop Multiplexing (ADM)
- Add/drop function (ADM function)

OC-N Network Survivability which consist of:

- 1+1 Protection
- 1+1 Protection with Cable Survivability
- 1+1 Protection with Route Survivability

Regenerators which consist of:

- OC-48
- OC-192

Major Optional Features and Functions, which consist of:

- Connection Arrangements
 - Shared Network Arrangement

(1) Add/Drop Multiplexing

Add/Drop multiplexing is an arrangement in a Telephone Company central office that allows non-concatenated OC-3, OC-12, OC-48 or OC-192 channels operating at a terminating speed of 155.52 Mbps, 622.08 Mbps, 2488.32 Mbps or 9953.28 Mbps, respectively, to add/drop a lower speed channel by using this feature along with the add/drop function as stated in (2) following. The mix of multiplexing signals cannot exceed the maximum bandwidth of the higher speed OCN circuit terminating on the Central Office multiplexer.

(This page filed under Transmittal No. 101)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(D) Optional Features and Functions (Cont'd)(1) Add/Drop Multiplexing (Cont'd)

For example, OC-3 add/drop multiplexing at a Telephone Company wire center will provide the capability to support the full add/drop function capacity of OC-3 Service bandwidth with up to 3 DS3 add/drop functions or equivalently up to 3 groups of 28 DS1 add/drop functions.

At the time of ordering any of the following basic rate categories, the customer must provide configuration information for the entire multiplexing option at the time the order for service is placed. In addition, concatenated services OC-3, OC-12 or OC-48 cannot be ordered under the central office feature section as the Telephone Company cannot convert individual STS-1 signals to concatenated (non-channelized) channels.

OC-12 add/drop multiplexing at a Telephone Company wire center will provide the capability to support the full add/drop function capacity of OC-12 service bandwidth with up to 4 OC-3 add/drop functions or up to twelve DS3 add/drop functions or equivalent combinations of OC-3 and DS3 add/drop functions.

If asynchronous DS1 ports are required on a OC-12 OCN circuit, then the OC-3 add/drop multiplexing feature and associated DS1 add/drop function must be ordered in addition to the OC-12 add/drop multiplexing feature.

OC-48 add/drop multiplexing at a Telephone Company wire center will provide the capability to support the full add/drop function capacity of OC-48 service bandwidth with up to 4 OC-12 add/drop functions or up to forty-eight DS3 add/drop functions or equivalent combination of OC-3 and DS3 add/drop functions. If DS1's are required for the OC-12 then the preceding guidelines established can be followed.

(C)

OC-192 add/drop multiplexing at a Telephone Company wire center will provide the capability to support full add/drop function capacity of OC-192 service bandwidth. Up to four OC-48 add/drop functions, or up to 16 OC-12 add/drop functions, or up to 64 OC-3 add/drop functions or equivalent combinations of OC-48, OC-12 and OC-3 add/drop functions are supported.

(N)

(N)

(This page filed under Transmittal No. 29)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(D) Optional Features and Functions (Cont'd)(2) Add/Drop Function

The OC-3, OC-12, OC-48 and OC-192 are able to add or drop lower level signals as shown in the matrix following. The add/drop function is offered at a circuit level. For example, if a customer wants to drop one DS3 signal from an OC-12 service, they would pay one add/drop function charge for the DS3 and the initial OC-12 add/drop multiplexing charge.

(N)

An OC-3, OC-12, OC-48 and OC-192 is only able to add or drop the services that have been identified by payload content (mapping) within the bandwidth. DS1 mapped STS-1 signals are only able to connect to a DS1, and a DS3 mapped STS-1 signals are only able to connect to a DS3. If a change is required it may be accomplished by the customer's CPE or through the current asynchronous environment for multiplexing of DS3 and DS1 services stated in Section 7.11.

(N)

Once the options in (1) and (2) above are specified by the customer they cannot be used with OC-3, OC-12 or OC-48 configured by the customer to contain a single non-channelized (concatenated) STS-3C or STS-12C signal, respectively.

ADD/DROP Function					
	DS1	DS3	OC-3	OC-12	OC-48
OC-192	No	No	Yes	Yes	Yes
OC-48	No	Yes	Yes	Yes	N/A
OC-12	No	Yes	Yes	N/A	N/A
OC-3	Yes	Yes	N/A	N/A	N/A

(N)

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One Bell Plaza, Dallas, Texas 75202

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(D) Optional Features and Functions (Cont'd)(3) OCN Point-to-Point Network Survivability

There are 4 components of OCN Network Survivability:

(C)

- (a) 1+1 Protection
- (b) 1+1 Protection with Cable Survivability
- (c) 1+1 Protection with Route Survivability
- (d) 1+1 Protection with Diversity

(N)

(a) 1+1 Protection

This option provides two identical fiber pairs that are placed in the same cable and follows the same route. If the working pair fails, traffic shifts to the protected fiber pair. This option does not protect against a fiber cable cut.

The protected OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC-192/OC-192c Services are offered with four fibers in the same cable and the protection card is activated when this option is ordered.

(b) 1+1 Protection with Cable Survivability

With this option, the working fiber pairs and the protected fiber pairs are located in two separate cables within the same conduit. If the working fiber pair cable experiences damages or a fiber cut, traffic will switch to the protected fiber pair in a separate cable. These cables are located in the same conduit, if the conduit is cut, there is no protection.

This option will provide 1+1 protection and additional loop survivability with the working fiber pair and protect fiber pair placed in separate cables within the same conduit.

(c) 1+1 Protection with Route Survivability

This option will provide 1+1 protection and offer additional protection from fiber cable cuts by routing the working fiber pair via the primary route and the protected fiber pair via a physically diverse alternate route.

(This page filed under Transmittal No. 130)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(D) Optional Features and Functions (Cont'd)(3) OCN Point-to-Point Network Survivability⁽¹⁾ (Cont'd)

(N)

(c) 1+1 Protection with Route Survivability (Cont'd)

The protected fiber will be charged on a distance sensitive basis, in addition to the protection optical charge and will be based on quarter route miles, from the customer premises to the serving wire center.

This is the only option that will assure 100 percent availability of the service. Any service interruption will result in a credit equal to one month's bill for the circuit involved. If the interruption occurs on a Local Distribution Channel without this option, normal terms and conditions for out of service credits as stated in 2.4.4 preceding will apply. An interruption period will start when an inoperative service is reported to the Telephone Company and end when the service is operative. In any month, as a result of an interruption, the total credit per rate element of the interrupted service may not exceed 100 percent of the monthly charge for that particular rate element.

All other terms and conditions for Credit Allowances as stated in 2.4.4 preceding, will apply.

Prior to confirming an order for service, the Telephone Company will provide a proposed route diagram to the customer. The diagram will include the number of quarter route miles and method used to support the number needed to provide the alternate route. In order to avoid compromising Route Survivability information, the Telephone Company will provide this information only to the ordering customer.

Installation of the 1+1 protection with Route Survivability option will not begin until the customer has accepted the proposed routing by the Telephone Company.

⁽¹⁾OCN Point-to-Point Network Survivability is available on OC-3/OC-3c, OC-12/OC-12c and OC-48/OC-48c Services only.

(N)

(N)

(This page filed under Transmittal No. 29)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(D) Optional Features and Functions (Cont'd)(3) OCN Point-to-Point Network Survivability⁽¹⁾ (Cont'd)(d) Diversity

(D)

This option will provide end-to-end diversity from A-Z for the second like service. It requires a charge for mileage on a "per Quarter Route Mile" basis, for each customer premises or Local Distribution Channel (LDC), only when both circuits terminate at the same customer premises. The standard OCN PTP service is provided without protection, but it is still an option with Diversity. 1+1 Protection is defined above and rates will apply as stated in Diversity Sections, 21.3(A)(4)(g)-(OC-3), 21.3(B)(4)(g)-(OC-12), 21.3(C)(4)(h)-(OC-48) and 21.3(D)(4)(g)-(OC-192), following. For the inter-office portion, the Diversity rate will cover any additional air-line mileage between serving wire centers.

(T)

(T)

(N)

(N)

(D)

This is the only option that will assure 100% availability from end-to-end of the service. Any service interruption of both services at the same time will result in a credit of one month's bill for the second circuit. If the interruption occurs on a section of the service where commonality has been identified to the customer, normal terms and conditions for out of service credits, as stated in 2.4.4, preceding, will apply. An interruption period will start when an inoperative service is reported to the Telephone Company, and end when the service is operative. In any month, as a result of an interruption, the total credit per rate element of the interrupted service may not exceed 100 percent of the monthly charge for that particular rate element.

All other terms and conditions for Credit Allowances, as stated in 2.4.4, preceding, will apply.

Prior to confirming an order for service, the Telephone Company will provide a proposed route diagram to the customer. The diagram will include the number of quarter route miles and method used to support the number needed to provide the alternate route. In order to avoid compromising Route Survivability information, the Telephone Company will provide this information only to the ordering customer.

Installation of the Diversity option will not begin until the customer has accepted the proposed routing by the Telephone Company.

(D)

⁽¹⁾ OCN Point-to-Point Network Survivability is available on OC-3/OC-3c, OC-12/OC-12c and OC-48/OC-48c Services only.

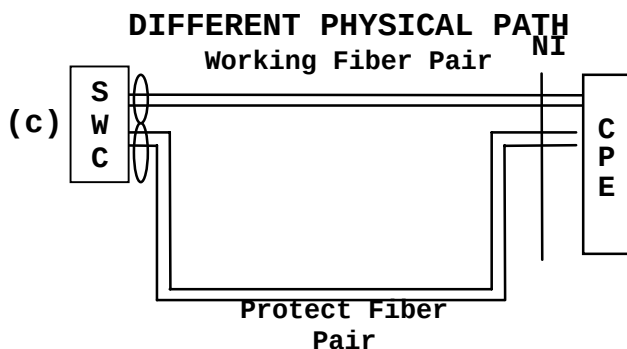
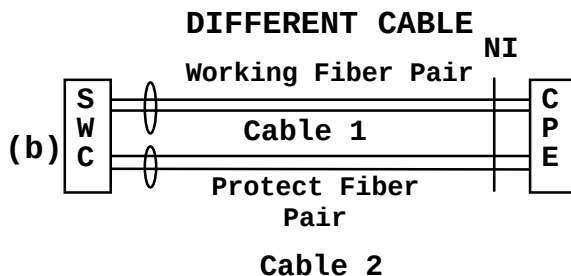
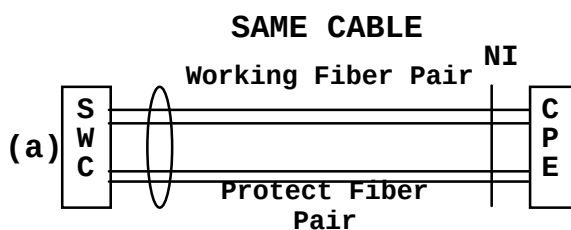
(This page filed under Transmittal No. 140)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(D) Optional Features and Functions (Cont'd)(3) OCN Point-to-Point Network Survivability⁽¹⁾ (Cont'd)

The following diagrams provide an example of (a),
(b), (c) and (d) above:

(T)



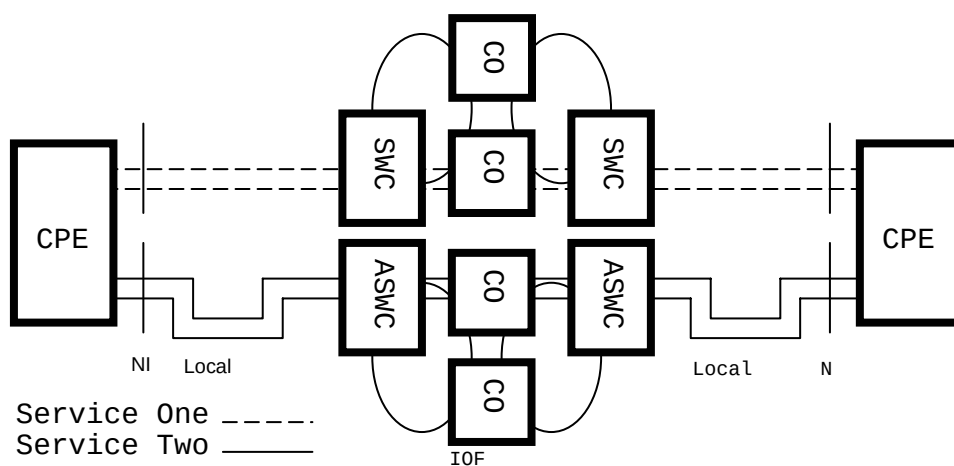
⁽¹⁾OCN Point-to-Point Network Survivability is available on OC-3/OC-3c, OC-12/OC-12c and OC-48/OC-48c Services only.

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ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(D) Optional Features and Functions (Cont'd)(3) OCN Point-to-Point Network Survivability⁽¹⁾ (Cont'd)

Diagram (d):

OC-N PTP Survivability with Diversity (Two Circuits Diverse E-E,
same locations)

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Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(D) Optional Features and Functions (Cont'd)(4) Point-to-Point OC-48 and OC-192 Regenerator

Regenerators provide essential detection and retransmission of SONET Optical 2488.32 Mbps and 9953.28 Mbps signals between customer premises. Regenerators will only be provided as required by the Telephone Company when actual fiber facility distances between customer designated premises and/or central office locations exceed design limits (typically 25 to 30 miles). Regenerators will be located exclusively in Telephone Company central offices.

(5) Connection Arrangement(a) Shared Network Arrangement⁽¹⁾

(C)

- A Shared Network Arrangement is a service offering that enables a customer ("Service User") to connect subtending services to the multiplexed OC-3, OC-12 or OC-48 service of another customer (the "Host Subscriber"), with the Telephone Company maintaining separate billing for each. Each customer will be billed for those rate elements associated with their own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User obtains either subtending DS3 or DS1 from a Host's multiplexed OC-3 service or an OC-3 service from a Host's multiplexed OC-12 service or an OC-12 service from a Hosts' multiplexed OC-48 service.
- Under the Shared Network Arrangement, the Telephone Company may share record information with the Host subscriber pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the Telephone Company and is necessary to perform billing reconciliation and/or other functions required in connection with maintaining account records.
- A nonrecurring charge, only, will apply to the Shared Network Arrangement.

(6) Network Channel Interfaces

The network channel interfaces define the bit rates that are available for OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC-192/OC-192c services operating at speeds of 155.52 Mbps, 622.08 Mbps, 2488.32 Mbps and 9953.28 Mbps. Network Channel interfaces and codes are described in 15.3, preceding.

- (1) Effective 05/26/06, this regulation is limited to existing customers.
For new customers purchasing Shared Network Arrangement, terms and conditions set forth in Section 5.2 (D), will apply.

(N)
(N)
(N)

(This page filed under Transmittal No. 128)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(E) Monthly Extension Rates

At the expiration of the TPP term and if the customer wishes to continue OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c or OC-192/OC-192c, the customer may select a new TPP at the prevailing TPP rate. (N)

If a customer does not wish to renew the TPP at the expiration of the term, the Monthly Extension Rates will apply until the customer cancels or renews the service with a new TPP term. Monthly Extension Rates are not available as an individual TPP and are to be used as a default applied at the end of a regular 1 year (12 month), 3 year (36 month) and 5 year (60 month) TPP.

(F) Nonrecurring Charges

One-time charges that apply for a specific work activity, e.g., installation, rearrangements, moves, etc., as described in Section 7.2.2.

(G) Minimum Periods

The Minimum Period for OC-3, OC-12 and OC-48 OCN Point-to-Point Service is one year and the minimum period for OC-192 OCN Point-to-Point Service is three years. In the event OCN Point-to-Point Service is terminated prior to completion of the minimum period, termination liabilities as described in 21.2(I) will apply.

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(H) Term Pricing Plans (TPP)(1) General Description

Term Pricing Plans (TPP) are available on Local Distribution Channels, Interoffice Transport, Collocation Transport and Add/Drop Multiplexing rate elements. The TPP stabilizes rates for OCN Point-to-Point Service for the specified period of time. The following TPPs are available:

- One Year (12 Month) TPP - OC-3, OC-12 and OC-48, (T)
- Three Year (36 Month) TPP - OC-3, OC-12, OC-48 and (T)
OC-192, or (N)
- Five Year (60 Month) TPP - OC-3, OC-12, OC-48 and (T)
OC-192. (N)

(2) Modifications

When additional like-speed OCN Point-to-Point Service circuits are purchased, the customer may include the additional circuits in an existing TPP if:

- The customer renegotiates their TPP for a period of time equal to or greater than the time remaining on the existing TPP;
- The circuits are the same speed; and
- The circuits are located between the same customer designated premises.

(3) Renewals

At the end of a TPP period, the customer must select one of the following options within one month prior to the expiration date:

- a. Renew the service for a one, three or five year TPP as provided in this tariff;
- b. Elect to disconnect the service upon expiration of the billing period; or
- c. Continue the service on a monthly basis at the current monthly extension rates.

All services under an existing TPP that are not renewed within the period stated above will revert to Option (3)c above and be billed at the current monthly extension rates.

(This page filed under Transmittal No. 29)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(H) Term Pricing Plans (TPP) (Cont'd)(4) Conversions

If there is at least one month remaining on an existing 1 or 3 year OCN Point-to-Point TPP, the customer may convert the service to a higher term OCN Point-to-Point TPP without termination liability and, at the time of the access order to convert, retain the service for the period remaining on the higher term OCN Point-to-Point TPP. No retroactive OCN Point-to-Point TPP discounts will apply prior to the order date.

For example; a customer with an existing 3 Year OCN Point-to-Point TPP with 11 months remaining elects to convert to a 5 Year OCN Point-to-Point TPP. At the time of the order, the customer will begin paying the 5 year OCN Point-to-Point TPP rate for the remaining period of 2 years and 11 months (35 months) on the new TPP.

(5) Transitioning from Other Special Access Services to OCN Point-to-Point

The customer may, at any time, move other existing Telephone Company Special Access Services to an OCN Point-to-Point service provided the following conditions are met for the new OCN Point-to-Point circuit being ordered.

(C)
(D)
(C)
(C)
(C)
(D)

(D)

(This page filed under Transmittal No. 46)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)

(N)

21.2 Rate Regulations (Cont'd)(H) Term Pricing Plans (TPP) (Cont'd)(5) Transitioning from Other Special Access Services to OCN Point-to-Point (Cont'd)

The new OCN Point-to-Point circuit must:

- (a) Be the same speed and configuration as the existing service being disconnected.
- (b) Be located between the same two customer designated premises or between the same customer designated premises and the Serving Wire Center.
- (c) Have a minimum billing period that is greater or equal to the remaining billing period revenue for the existing service. (For example, a customer wishes to convert from Broadband Circuit Service (BCS) with 6 months remaining on a 36-month Term Pricing Plan (TPP), Minimum Billing Period of 12 months for the new service must be ordered.)
- (d) Represent equal or greater of the total minimum billing period revenue as the remaining billing period revenue of the existing service. (For example, a customer wishes to convert from Broadband Circuit Service with 36 months remaining on a 60-month TPP. The existing service's monthly bill is \$8,100 per month with 36 months remaining. The remaining billing period revenue equals $(8,100 \times 36)$ or \$291,600). The new service minimum billing period revenue must be equal to or greater than \$291,600 in this example over the life of the new contract.

(N)

(This page filed under Transmittal No. 46)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(I) Termination Liability

Customer requesting termination of service prior to the expiration date of the OCN Point-to-Point TPP will be liable for a termination charge. The termination charge for all TPP terms with an Optical Interface, will be calculated as follows:

<u>Billing Period</u>	<u>Termination Percentage</u>	
1, 3, or 5 years	50%	(C)

The termination liability is calculated as follows:

(Monthly recurring rate)	X	Months remaining in billing)	X	(Termination percentage)

Example:

An OCN Point-to-Point customer with a \$20,000 monthly rate terminates service after 2 years with 1 year (12 months) remaining in a 3 year TPP. The termination liability would be calculated as:

$$\$20,000 \times 12 \times .50 = \$120,000 \text{ Termination Liability}$$

A termination charge will not apply under the following conditions and circumstances:

1. Moves as set forth under "Moves" without decreasing number of OCN PTP circuits
2. Modifications of services as described in the tariff
3. Conversions to other special access service if
 - a. service is same or higher
 - b. billing period same or greater
 - c. billing period revenue for the special access service is greater than or equal to the OCN PTP billing period revenue.

(J) Moves

Moves involve a change in the physical location of one of the following:

- Service rearrangement;
- Point of Termination with in the same customer premises; or
- Customer's premises.

Move charges are dependent upon the type of move requested by the customer.

(This page filed under Transmittal No. 15)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)

(N)

21.2 Rate Regulations (Cont'd)(J) Moves (Cont'd)(1) Service Rearrangement

Service Rearrangements are changes to existing (installed) services which do not result in either (1) a change in the minimum period requirements or (2) a change in the physical location of the point of termination at a customer designated premises as described in Section 7.2.2.

(2) Moves of the Point of Termination Within the Same Customer Premises

When the move of the Point of Termination is to a new location within the same customer premises, the move will be treated as an extension of access service facilities as described in Section 7.2.3.

(3) Moves of a Customer Premises

Moves to a different customer premises will be treated as a discontinuance and start of service as described in Section 7.2.3.

(K) Mileage Measurement

The application of distance sensitive rates requires the determination of the airline distance between a serving wire Center (SWC) and an end office or two or more serving wire center (SWC) locations as described in Section 7.2.5.

(L) Modification of Access Service

The customer may request a modification of an access order at any time prior to notification by the Telephone Company that service is available for the customer's use. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer. If the customer still desires the access order modification, the Telephone Company will schedule a new service date. All charges for access order modifications will apply on a per order, per occurrence basis as described in Section 5.2.2.

(N)

(This page filed under Transmittal No. 7)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.2 Rate Regulations (Cont'd)(M) Shared Use

Shared use occurs when Special Access Service and Switched Access Service are provided over the same Wideband Analog or DS1 or DS3 facilities or SONET based services through a common interface. The facility will be ordered, provided and rated as Special Access Service (e.g., Local Distribution Channel, DS3 Service Packages, DS3 Service Channels, Channel Mileage Terminations and Channel Mileage, as appropriate, and Multiplexing).

The nonrecurring charge that applies when the Shared Use Facility is installed will be the nonrecurring charge associated with the installation of the appropriate Special Access Wideband Analog or DS1 or DS3 facility or SONET based service. Individual service (i.e., Switched or Special Access) nonrecurring charges will not apply to the individual channels of the Shared Use Facility. Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Transport Service from the office where multiplexing occurs to either an end office or an access tandem.

(N) Jointly Provided Service

Jointly Provided Service is also referred to as "meet-point-billing" arrangements as described in Section 2.4.8.

(O) Ordering Options and Conditions

The ordering options and conditions sets forth the regulations and order related charges for ordering Access Service as described in Section 5.

(P) Upgrade to OCN Point-to-Point from lower speeds

Customers with one, three or five year OCN Point-to-Point TPPs (or existing Broadband Circuit Service Term Pricing Plans as shown in Section 20 preceding), may at any time upgrade to OCN Point-to-Point service (e.g., OC-12 to OC-48) without incurring the Termination Liability charge, providing the following criteria are met:

- The customer subscribes to a Term Pricing Plan period that is equal to, or greater than 12 months;
- The expiration date for the new Term Pricing Plan period is beyond the end of the original Term Pricing Plan period;

(N)
(N)

(This page filed under Transmittal No. 46)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)

21.2 Rate Regulations (Cont'd)

(P) Upgrade to OCN Point-to-Point from lower speeds (Cont'd)

- No lapse in service occurs;
- 100% of any waived or unamortized nonrecurring charges will apply, when applicable;
- The monthly rates for the new service(s) will be those rates in effect at the time the new service(s) is/are installed;
- The new service is provided between the same customer locations and with the same customer of record as the disconnected service;
- The billed monthly recurring revenue for the new service is equal to or greater than the billed monthly recurring revenue remaining in the service being converted; and

(D)

(D)

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ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.3 Rates and Charges(A) OC-3/OC-3c(1) Local Distribution Channel-Per Point of
Termination

<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
TMECS	\$2,100.00	\$1,700.00	\$1,300.00	\$2,275.00

(2) Interoffice Transport-Mileage USOC 1 Year 3 year 5 year Mo. Ext.

-Fixed 1L5XX \$1,100.00 \$900.00(R) \$800.00(R) \$2,000.00(I)

-Per Mile 1L5XX \$260.00 \$250.00(R) \$200.00(R) \$350.00

(3) Collocation Transport-Transport Facilities between Collocation Arrangements

	<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
-Fixed	1H48S	\$1,100.00	\$900.00(R)	\$800.00(R)	\$2,000.00(I)
-Per Mile	1H48S	\$260.00	\$250.00(R)	\$200.00(R)	\$350.00

(4) Optional Features and Functions

(a) OC-3 Add/Drop Multiplexing-Per Arrangement*

<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
MPECX	\$1,500.00	\$1,200.00	\$950.00	\$1,650.00

(b) Add/Drop Function-Per DS-3

<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
MXJBX	\$150.00	\$0

* Concatenated services cannot be multiplexed.

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ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)

(N)

21.3 Rates and Charges (Cont'd)(A) OC-3/OC-3c (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Features and Functions (Cont'd)</u>			
(b) Add/Drop Function (Cont'd)			
-Per DS1	MXJAX	\$55.00	\$0
(c) <u>1+1 Protection</u>			
-Per OC-3/OC-3c Local Distribution Channel	P8T	\$180.00	\$0
(d) <u>1+1 Protection with Cable Survivability</u>			
-Per OC-3/OC-3c Local Distribution Channel	P3S	\$180.00	\$500.00
(e) <u>1+1 Protection with Route Survivability</u>			
-Per OC-3/OC-3c Local Distribution Channel	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)	
-Per Quarter Route Mile	S2DXY	\$50.00	\$0

(N)

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ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.3 Rates and Charges (Cont'd)(A) OC-3/OC-3c (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Features and Functions (Cont'd)</u>			
(f) <u>Shared Network Arrangement</u>			
-Processing Charge per Service Order	NRBOP	\$0	\$30.00
(g) <u>Diversity⁽¹⁾</u>			
-Per Quarter Route Mile	S2DXY	\$50.00	\$0
-Per OC-3/OC-3c	CPAPA	\$200.00	\$0

(D)

(D)

(5) Moves (OC-3/OC-3c)(a) Service Rearrangement

See Section 7.2.4, preceding for rates and charges.

(b) Moves of Point of Termination

See Section 13.4, preceding for rates and charges.

(c) Moving Customer Premises

See Section 7.2.7, preceding for rates and charges.

⁽¹⁾ The Per Quarter Route Mile is required for one or both ends of the second service when both services terminate at the same customer premises.

(D)

(D)

(N)

(N)

(This page filed under Transmittal No. 140)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.3 Rates and Charges (Cont'd)(B) OC-12/OC-12c(1) Local Distribution Channel-Per Point of
Termination

<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
TMECS	\$4,800.00	\$4,000.00	\$3,000.00	\$5,250.00

(2) Interoffice Transport

	<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
-Mileage					
-Fixed	1L5XX	\$3,600.00	\$2,800.00(R)	\$2,150.00(R)	\$4,100.00
-Per Mile	1L5XX	\$260.00	\$250.00(R)	\$200.00(R)	\$350.00

(3) Collocation Transport-Transport Facilities between Collocation Arrangements

	<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
-Fixed	1H48S	\$3,600.00	\$2,800.00(R)	\$2,150.00(R)	\$4,100.00
-Per Mile	1H48S	\$260.00	\$250.00(R)	\$200.00(R)	\$350.00

(4) Optional Features and Functions

(a) OC-12 Add/Drop Multiplexing-Per Arrangement*

<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
MPEDX	\$3,200.00	\$2,800.00	\$2,100.00	\$3,575.00

(b) Add/Drop Function-Per OC-3

<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
MXJCX	\$250.00	\$150.00(I)

* Concatenated services cannot be multiplexed.

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ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.3 Rates and Charges (Cont'd)(B) OC-12/OC-12c (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charges</u>
(4) <u>Optional Features and Functions</u> (Cont'd)			
(b) Add/Drop Function (Cont'd)			
-Per DS3	MXJBX	\$150.00	\$150.00(I)
(c) <u>1+1 Protection</u> -Per OC-12/OC-12c Local Distribution Channel	P8T	\$260.00	\$150.00(I)
(d) <u>1+1 Protection with Cable Survivability</u> -Per OC-12/OC-12c Local Distribution Channel	P3S	\$260.00	\$600.00
(e) <u>1+1 Protection with Route Survivability</u> -Per OC-12/OC-12c Local Distribution Channel	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)	
-Per Quarter Route Mile	S2DXY	\$100.00	\$150.00(I)

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ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.3 Rates and Charges (Cont'd)(B) OC-12/OC-12c (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Features and Functions (Cont'd)</u>			
(f) <u>Shared Network Arrangement</u>			
-Processing Charge per Service Order	NRBOP	\$0	\$30.00
(g) Diversity ⁽¹⁾			
-Per Quarter Route Mile	S2DXY	\$100.00	\$0
-Per OC-12/OC-12c	CPAPB	\$300.00	\$0

(5) Moves (OC-12/OC-12c)(a) Service Rearrangements

See Section 7.2.4, preceding for rates and charges.

(b) Moves of Point of Termination

See Section 13.4, preceding for rates and charges.

(c) Moving Customer Premises

See Section 7.2.7, preceding for rates and charges.

⁽¹⁾ The Per Quarter Route Mile is required for one or both ends of the second service when both services terminate at the same customer premises.

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ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.3 Rates and Charges (Cont'd)(C) OC-48/OC-48c(1) Local Distribution ChannelPer Point of
Termination

<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
TMECS	\$11,400.00	\$9,800.00	\$7,000.00	\$12,250.00

(2) Interoffice Transport

	<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
-Mileage					
-Fixed	1L5XX	\$6,700.00	\$5,250.00(R)	\$4,150.00(R)	\$7,875.00
-Per Mile	1L5XX	\$300.00	\$250.00(R)	\$200.00(R)	\$350.00

(3) Collocation Transport-Transport Facilities between Collocation Arrangements

	<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
-Fixed	1H48S	\$6,700.00	\$5,250.00(R)	\$4,150.00(R)	\$7,875.00
-Per Mile	1H48S	\$300.00	\$250.00(R)	\$200.00(R)	\$350.00

(4) Optional Features and Functions

(a) OC-48 Add/Drop Multiplexing-Per Arrangement*

<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
MXRFX	\$5,550.00	\$4,625.00	\$3,700.00	\$6,375.00

(b) Add/Drop Function-Per OC-3

<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
MXJEX	\$625.00	\$0

* Concatenated services cannot be multiplexed.

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ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)

(N)

21.3 Rates and Charges (Cont'd)(C) OC-48/OC-48c (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Features and Functions</u> (Cont'd)			
(b) <u>Add/Drop Function</u> (Cont'd)			
-Per OC-3	MXJCX	\$250.00	\$0
-Per DS3	MXJBX	\$150.00	\$0
(c) <u>1+1 Protection</u> -Per OC-48/OC-48c Local Distribution Channel	P8T	\$1,410.00	\$0
(d) <u>1+1 Protection with Cable Survivability</u> -Per OC-48/OC-48c Local Distribution Channel	P3S	\$1,410.00	\$700.00
(e) <u>1+1 Protection with Route Survivability</u> -Per OC-48/OC-48c Local Distribution Channel	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)	
-Per Quarter Route Mile	S2DXY	\$125.00	\$0

(N)

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ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.3 Rates and Charges (Cont'd)(C) OC-48/OC-48c (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Features and Functions</u> (Cont'd)			
(f) <u>Point- to-Point OC-48 Regenerator</u> -each	RGY48	\$5,500.00	\$0
(g) <u>Shared Network Arrangement</u> -Processing Charge per Service Order	NRBOP	\$0	\$30.00
(h) <u>Diversity</u> ⁽¹⁾			
-Per Quarter Route Mile	S2DXY	\$125.00	\$0
-Per OC-48/OC-48c	CPAPC	\$700.00	\$0

(5) Moves (OC-48/OC-48c)(a) Service Rearrangement

See Section 7.2.2, preceding for rates and charges.

(b) Moves of Point of Termination

See Section 7.2.3, preceding for rates and charges.

(c) Moving Customer Premises

See Section 7.2.3, preceding for rates and charges.

⁽¹⁾ The Per Quarter Route Mile is required for one or both ends of the second service when both services terminate at the same customer premises.

(This page filed under Transmittal No. 140)

(D)
|
(D)(D)
(D)
(N)
(N)

ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.3 Rates and Charges (Cont'd)(D) OC-192/OC-192c

	<u>USOC</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
(1) <u>Local Distribution Channel</u> -Per Point of Termination	TMECS	\$24,900.00(R)	\$17,800.00(R)	\$36,000.00
(2) <u>Interoffice Transport</u> -Mileage				
-Fixed	1L5XX	\$16,000.00(R)	\$13,000.00(R)	\$23,625.00
-Per Mile	1L5XX	\$350.00(R)	\$300.00	\$450.00
(3) <u>Collocation Transport</u> -Transport Facilities between Collocation Arrangements				
-Fixed	1H48S	\$16,000.00(R)	\$13,000.00(R)	\$23,625.00
-Per Mile	1H48S	\$350.00(R)	\$300.00	\$450.00
(4) <u>Optional Features and Functions</u>				
(a) OC-192 Add/Drop Multiplexing*				
-Per Arrangement	MXRGX	\$12,000.00	\$9,600.00	\$16,800.00
	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>	
(b) Add/Drop Function				
-per OC-48	MXJFX	\$1,800.00		\$0

*Concatenated services cannot be multiplexed.

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ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.3 Rates and Charges (Cont'd)(D) OC-192/OC-192c (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Feature and Functions (Cont'd)</u>			
(b) <u>Add/Drop Function (Cont'd)</u>			
-Per OC-12	MXJEX	\$625.00	\$0
-Per OC-3	MXJCX	\$250.00	\$0
(c) <u>1+1 Protection</u> -Per OC-192/ OC-192c Local Distribution Channel	P8T	\$2,700.00	\$0
(d) <u>1+1 Protection with Cable Survivability</u> -Per OC-192/ OC-192c Local Distribution Channel	P3S	\$2,700.00	\$800.00
(e) <u>1+1 Protection with Route Survivability</u> -Per OC-192/ OC-192c Local Distribution Channel		(Apply P8T rate above, P8Tplus Per Quarter Route Mile below) (P8T + S2DXY)	
-Per Quarter Route Mile	S2DXY	\$150.00	\$0
(f) <u>Point-to-Point OC-192 Regenerator</u>			
-each	RGY	\$11,000.00	\$0
(g) <u>Diversity⁽¹⁾</u>			
-Per Quarter Route Mile	S2DXY	\$150.00	\$0
-Per OC-192/ OC-192c	CPAPD	\$1200.00	\$0

⁽¹⁾ The Per Quarter Route Mile is required for one or both ends of the second service when both services terminate at the same customer premises.

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ACCESS SERVICE

21. Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)21.3 Rates and Charges (Cont'd)(D) OC-192/OC-192c (Cont'd)(5) Moves (OC-192/OC-192c)(a) Service Rearrangement

See Section 7.2.2, preceding for rates and charges.

(b) Moves of Point of Termination

See Section 7.2.3, preceding for rates and charges.

(c) Moving Customer Premises

See Section 7.2.3, preceding for rates and charges.

(E) Installation and Rearrangement Charges

	Administrative Charge, per Order	Design and Central Office Connection Charge, per circuit	Customer Connection, Charge, per termination	
USOC	ORCMX	NRMCK	NRBBL	(T)
OC-3/OC-3c	\$60.00	\$ 375.00	\$450.00	
OC-12/OC-12c	60.00	375.00	450.00	
OC-48/OC-48c	60.00	500.00	600.00	
OC-192/OC-192c	60.00	2,250.00	600.00	

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ACCESS SERVICE

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22.3 Service Available in an MSA	22-3	
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		(N)

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services22.1 General Description

- (A) This section of the tariff provides the regulations, rates and terms and conditions that apply to telecommunications services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. MSAs are divided into the categories below:

(1) Full Service MSAs

Full Service Relief MSAs are those MSAs which qualified for Phase II pricing flexibility for all elements of service, i.e., local channels (channel terminations) between LEC end offices and customer (end user) premises; entrance facilities; dedicated interoffice facilities; local channels (channel terminations) between an interexchange carrier's point of presence and a serving wire center. The Full Service Relief MSAs are set forth in Section 22.2(A), following.

(2) Limited Service MSAs

Limited Service Relief MSAs are those MSAs that qualified for Phase II pricing flexibility for all elements of service except local channels (channel terminations) between a LEC end office and a customer (end user) premise. The Limited Service Relief MSAs are set forth in Section 22.2(B), following.

- (B) The services provided in MSAs pursuant to this section of the tariff are set forth in Section 22.3, following. These services are comparable to the SWA Dedicated Transport Services in Sections 6.8.1(A), 6.8.1(B), 6.8.1(I), and the Special Access Services in Sections 7, 8, 20, 21, 22, 25, 26 and 27. The general regulations, service descriptions, and rate regulations for the SWA Dedicated Transport Services in Section 6 and the Special Access Services in Sections 7, 8, 20, 21, 26 and 27 are also applicable to the services specified in this section. (N)
- (B) Unless otherwise provided for in this section, regulations set forth in Sections 1, 2, 5, and 13 are also applicable.

(This page filed under Transmittal No. 139)

ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.2 Metropolitan Statistical Areas

A. Full Service Relief MSAs are listed below:

State	MSA
Nevada	

B. Limited Service Relief MSAs are listed below:

State	MSA
Nevada	Reno

22.3 Services Available in an MSA

The following services are available in MSAs with Full and Limited Service Relief:

Special Access
Voice Grade Service
Program Audio Service
Video Service
Digital Data Service
High Capacity Service
Gigabit Ethernet Metropolitan Area Network(GigaMAN)
Multi-service Optical Network (MON)
Broadband Circuit Service (BCS)*
Optical Carrier Network (OCN) Point-to-Point
Dedicated SONET Ring Service
WaveMAN SM (Wavelength Metropolitan Area Network)
DecaMAN [®] (10 Gigabit Ethernet Metropolitan Area Network)
Switched Access/Dedicated Transport
Voice Grade
DS1
DS3
SS7

(N)
(N)

* This option is limited to existing customers at existing locations as of January 11, 2002.

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.4 Rate Regulations

- (A) Figure 1 illustrates services provided within an MSA located in a Full Service Relief Area. The rates and charges for all associated rate elements for services in a Full Service Relief Area are contained in Section 22.5, following.

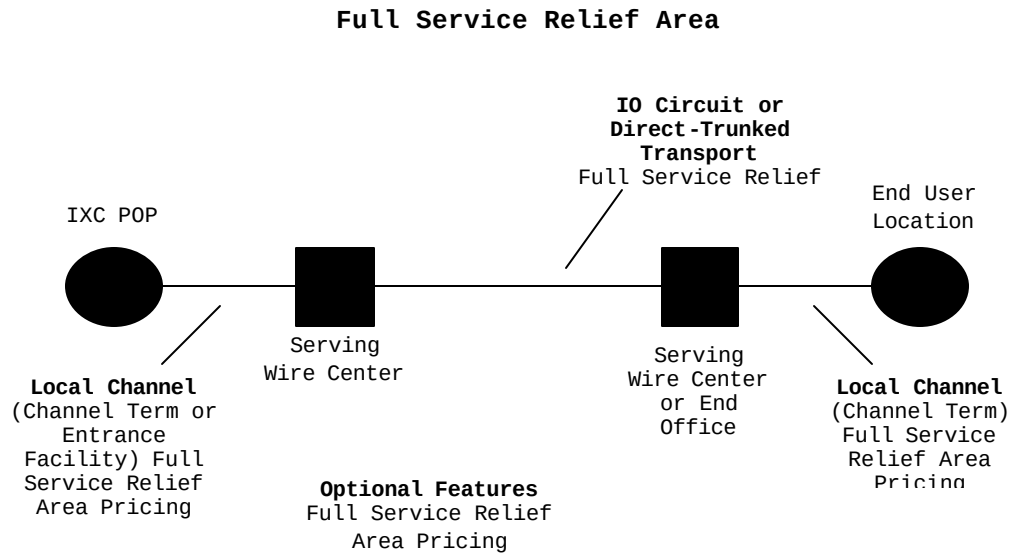


Figure 1

(This page filed under Transmittal No. 43)

ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

22.4 Rate Regulations (Cont'd)

(B) Figure 2 illustrates services provided within an MSA located in a Limited Service Relief Area. The rates and charges for all associated rate elements for services in a Limited Service Relief Area are contained in Section 22.5, except for the local channels (channel terminations) between a LEC end office and a customer (end user) premise, which are referenced in Section 7, Section 8, Section 20 and Section 21 of this Tariff.

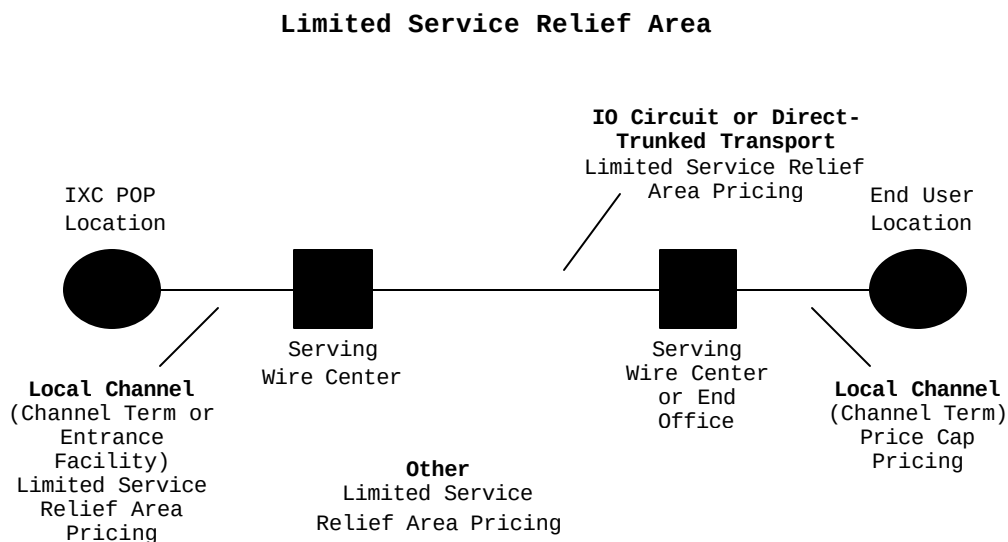


Figure 2

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.4 Rate Regulations (Cont'd)

- (C) Figure 3 illustrates a service provided from two MSAs with one MSA located in a Full Service Relief Area and one MSA located in a Limited Service Relief Area. The rates and charges for local channels and optional features located in the Full Service Relief Area are obtained as previously stated in 22.4(A). The rates and charges for local channels and optional features located in the Limited Service Relief Area are obtained as stated in 22.4(B). Interoffice channels between a Full Service Relief Area and a Limited Service Relief Area are rated the same as that of an interoffice channel in a Limited Service Relief Area and rates and charges are obtained as stated in 22.4(B) preceding.

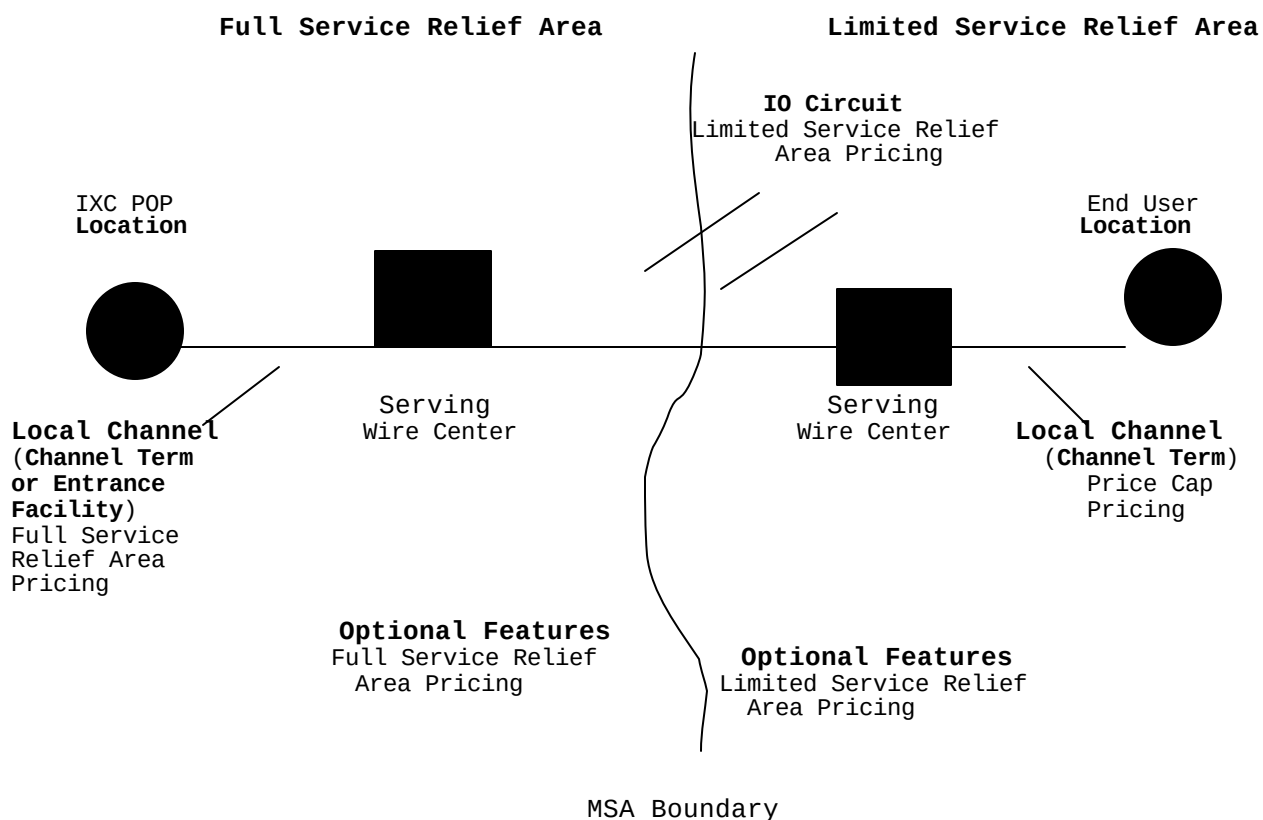


Figure 3

(This page filed under Transmittal No. 43)

ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.4 Rate Regulations (Cont'd)

- (D) Figure 4 illustrates a service provided from two MSAs with one MSA located in a Full Service Relief Area and one MSA located in a Non-Relief Area. The rates and charges for local channels and optional features located in the Full Service Relief Area are obtained as stated in 22.4(A) preceding.

Interoffice channels between a Full Service Relief Area and a Non-Relief Area are rated the same as that of an interoffice channel in a Non-Relief Area.

Rates and charges for local channels, interoffice channels and optional features in a Non-Relief Area are obtained in Sections 6.8.1(A), 6.8.1(B), 6.8.1(I), Section 7, Section 8, Section 20, Section 21, Section 26 and Section 27 of this Tariff.

(N)

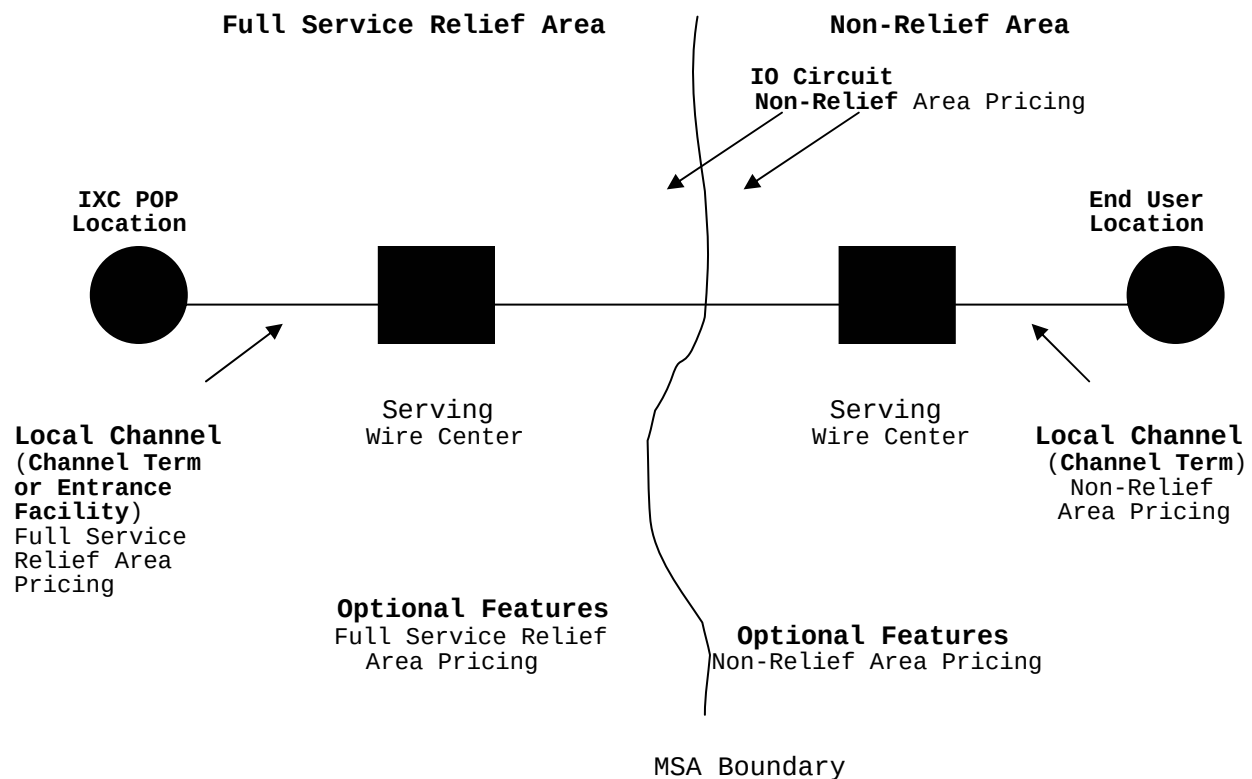


Figure 4

(This page filed under Transmittal No. 118)

ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.4 Rate Regulations (Cont'd)

- (E) Figure 5 illustrates service provided from two MSAs with one MSA located in a Limited Service Relief Area and one MSA located in a Non-Relief Area. The rates and charges for local channels and optional features located in the Limited Service Relief Area are obtained as stated in 22.4(B) preceding.

Interoffice channels between a Limited Service Relief Area and a Non-Relief Area are rated the same as that of an interoffice channel in a Non-Relief Area.

Rates and charges for local channels, interoffice channels and optional features in a Non-Relief Area are obtained in Sections 6.8.1(A), 6.8.1(B), 6.8.1(I), Section 7, Section 8, Section 20, Section 21, Section 26 and Section 27 of this Tariff.

(N)

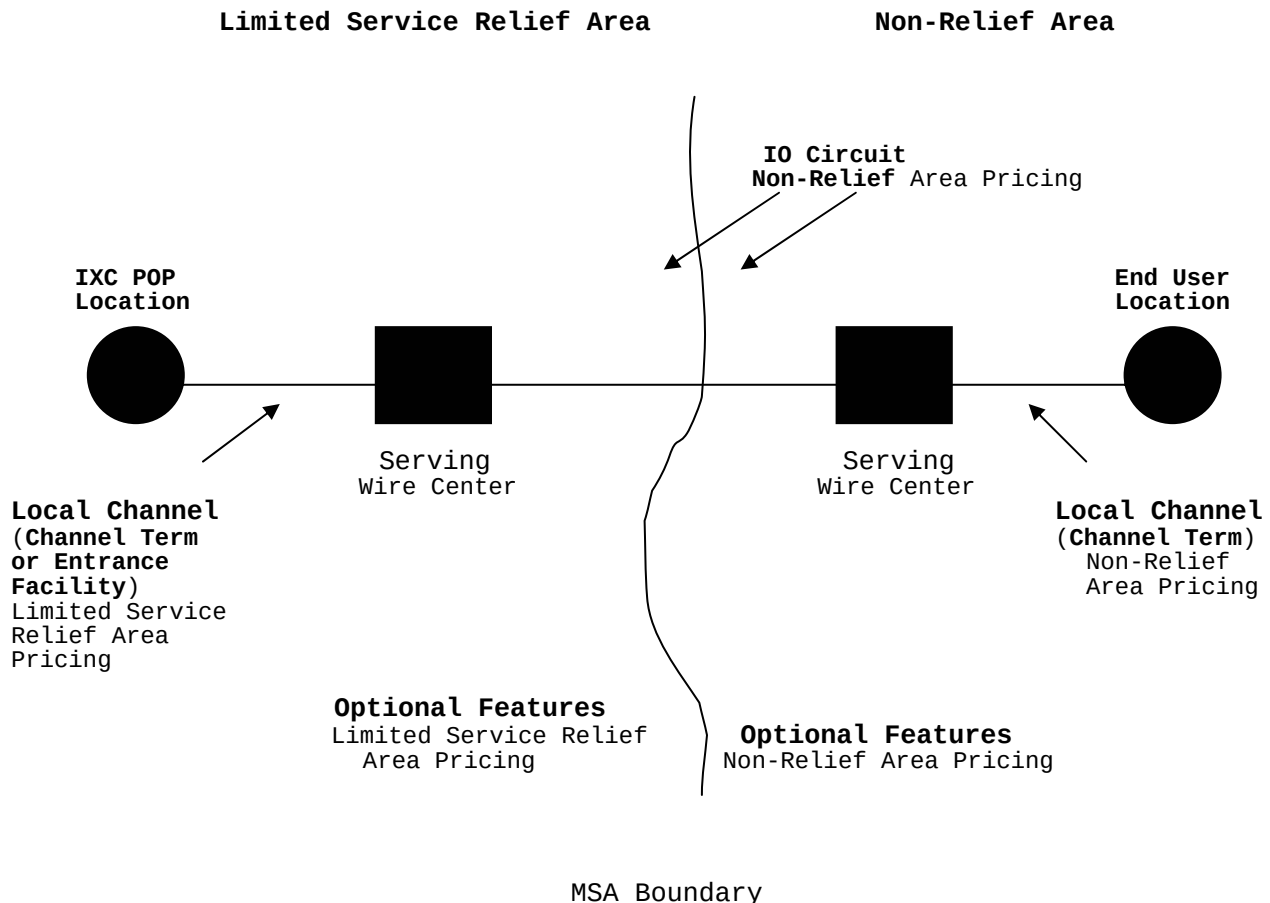


Figure 5

(This page filed under Transmittal No. 118)

ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.4 Rate Regulations (Cont'd)(F) Pricing Plans

For the purpose of Metropolitan Statistical Area Access Services, the following plans apply when referring to Pricing Plans:

- Term Pricing Plans (TPP)

The Telephone Company ensures that rates provided under a term pricing plan will not be increased by the Telephone Company above the rates in effect at the beginning of the customer's term pricing plan period.

Customers under their current term pricing plan will continue to pay the rates in effect at the beginning of their plan period until the effective tariff rates in Section 22.5, following become lower than the rates received under their term pricing plan.

(N)

(N)

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges22.5.1 Switched Access Service/Dedicated Transport(A) Entrance Facilities

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
(1) Voice Grade per point of termination	TSW2X TSW4X	\$ 16.04 24.68	\$ 500.00 500.00
(2) DS1 per point of termination	TMESW	100.00	585.66
(3) DS3 per point of termination	Z0MSW	1,560.00	1,950.70

(B) Direct Trunked Transport

	<u>USOC</u>	<u>Monthly Rate</u>	
		<u>Fixed</u>	<u>Per Mile</u>
(1) Voice Grade per transport channel	1L5SW	\$ 8.00	\$.50
(2) DS1 per point of termination	1L5SW	52.00	8.00
(3) DS3 per point of termination	1L5SW	330.00	40.00

(C) Chargeable Optional Features

Multiplexing - per arrangement	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
(1) DS3 to DS1 - per arrangement	MQ3SW	\$350.00	None
(2) DS1 to Voice/Digital - per arrangement	MQ1SW	170.00	None

(D) SS7 Interconnection(1) SS7 Links

- per Link	SL7	\$ 11.29	\$1,131.17
- per Mile		.70	

(2) STP Port

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- per Port	SLPTC	\$1,046.00

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service22.5.2.1 Voice Grade Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
(A) <u>Channel Termination</u>			
- Per Termination			
- Two-Wire	T6E2X	\$21.00(I)	\$200.00
- Four-Wire	T6E4X	\$21.00(I)	\$200.00

(B) <u>Channel Mileage</u>	<u>USOC</u>	<u>Monthly Rate</u>
(1) Channel Mileage Facility		
- Per Mile	1L5XX/CMF	\$0.50
(2) Channel Mileage Termination		
- Per Termination	1L5XX/CMT	\$8.90

(C) Optional Features and Functions(1) Bridging(a) Voice Bridging

	<u>USOC</u>	<u>Monthly Rate</u>
Two-Wire/ Four Wire		
- Per port		
- Two-Wire	BCNV2	\$2.72
- Four-Wire	BCNV4	\$3.42

(b) Data Bridging

Two-Wire/ Four-Wire		
- Per Port		
- Two-Wire	BCND2	\$2.72
- Four-Wire	BCND4	\$3.42

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.1 Voice Grade Service (Cont'd)(C) Optional Features and Functions (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
(2) Conditioning			
- Per Termination			
- C-Type	X1CPT	\$ 3.79	None
- Improved Attenuation Distortion*	UHW	5.37	\$180.80
- Improved Envelope Delay Distortion*	UHY	26.83	287.06
- Sealing Current	1HBPT	6.97	None
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission			
- Per termination			
- Two-Wire	1RL2W	\$ 8.24	None
- Four-Wire	1RL4W	8.20	None
(4) Customer Specified Received Level			
-Per two-wire termination	RLS	4.61	None
(5) Data Capability			
- Per termination	XDCPT	5.67	\$ 91.27

(6) Telephoto Capability
(This page filed under Transmittal No. 43)

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- Per termination	XTCPT	7.40	\$377.67

* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to September 29, 1988.

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.2 Program Audio Service

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Daily* Rate</u>	<u>Nonrecurring Monthly</u>	<u>Charge Daily</u>
(A) <u>Channel Termination</u>					
- Per Termination					
- 200 to 3500 Hz	T6ECS	\$23.36	\$3.28	\$289.75	\$289.75
- 100 to 5000 Hz	T6ECS	26.92	3.51	289.75	289.75
- 50 to 8000 Hz	T6ECS	28.41	3.80	289.75	289.75
- 50 to 15000 Hz	T6ECS	106.56	11.24	289.75	289.75
(B) <u>Channel Mileage</u>					
(1) Channel Mileage					
Facility					
- Per Mile					
- 200 to 3500 Hz	1L5XX/CMF	\$0.45	\$0.05		
- 100 to 5000 Hz	1L5XX/CMF	\$0.90	\$0.10		
- 50 to 8000 Hz	1L5XX/CMF	\$1.36	\$0.15		
- 50 to 15000 Hz	1L5XX/CMF	\$2.73	\$0.28		
(2) Channel Mileage					
Termination					
- Per Termination					
- 200 to 3500 Hz	1L5XX/CMT	\$ 9.33	\$1.05		
- 100 to 5000 Hz	1L5XX/CMT	\$15.50	\$1.49		
- 50 to 8000 Hz	1L5XX/CMT	\$18.97	\$1.98		
- 50 to 15000 Hz	1L5XX/CMT	\$31.76	\$3.34		
(C) <u>Optional Features and Functions</u>					
(1) Gain					
Conditioning	XGC	\$1.67	\$.18	\$73.25	\$73.25

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* Daily rates will be topped and maximum rates derived as set forth in
7.2.2.(B) preceding.

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.3 Video Service

	USOC	Monthly Rate	Daily* Rate	Nonrecurring Monthly	Charge Daily
(A) <u>Channel Termination</u>					
- Per Termination					
- TV-1 or 2	TMEV1	\$544.46	\$299.45	\$60.42	\$60.42
- 4TV-5	TMEV4	\$587.92	\$323.35	\$60.42	\$60.42
- 6TV-5	TMEV6	\$587.92	\$323.35	\$60.42	\$60.42
- TV-15	TMEV5	\$587.92	\$323.35	\$60.42	\$60.42

(B) Channel Mileage(1) Channel Mileage

Facility

- Per Mile

- TV 1 or 2	1L5XX/CMF	\$56.25	\$30.82
- 4TV-5	1L5XX/CMF	\$56.25	\$30.82
- 6TV-5	1L5XX/CMF	\$56.25	\$30.82
- TV-15	1L5XX/CMF	\$56.25	\$30.82

(2) Channel Mileage

Termination

- Per Termination

- TV-1 or 2	1L5XX/CMT	None	None
- 4TV-5	1L5XX/CMT	None	None
- 6TV-5	1L5XX/CMT	None	None
- TV-15	1L5XX/CMT	None	None

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(N)

ACCESS SERVICE

- * Daily rates will be topped and maximum rates derived as set forth in 7.2.2.(B) preceding.

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.4 Digital Data Service

	USOC	Monthly Rates	Nonrecurring Charge
(A) <u>Channel Termination</u>			
- Per Termination			
- 2.4 kbps	T6ECS	\$ 82.00	\$250.00
- 4.8 kbps	T6ECS	82.00	250.00
- 9.6 kbps	T6ECS	82.00	250.00
-56.0 kbps	T6ECS	82.00	250.00
-64.0 kbps	T6ECS	82.00	250.00

(B) Channel Mileage(1) Channel Mileage
Facility

- Per Mile			
- 2.4 kbps	1L5XX/CMF	\$0.95	
- 4.8 kbps	1L5XX/CMF	0.95	
- 9.6 kbps	1L5XX/CMF	0.95	
- 56 kbps	1L5XX/CMF	0.95	
- 64 kbps	1L5XX/CMF	0.95	

(2) Channel Mileage
Termination

- Per Termination			
- 2.4 kbps	1L5XX/CMT	\$13.50	
- 4.8 kbps	1L5XX/CMT	13.50	
- 9.6 kbps	1L5XX/CMT	13.50	
- 56 kbps	1L5XX/CMT	13.50	
- 64 kbps	1L5XX/CMT	13.50	

(C) Optional Features
and Functions

(1) Bridging

- Per port	BCNDA	\$16.51	

(N)

(This page filed under Transmittal No. 43)

ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.5 High Capacity Service

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>	
(A) <u>Channel Termination</u>				
(Per Point of Termination)				
- 1.544 Mbps	TMECS	\$ 150.00	\$ 300.00	
- 3.152 Mbps	TWT++	ICB	ICB	
- 6.312 Mbps	TWT++	ICB	ICB	
-44.736 Mbps(Month-to-Month**)	Z3MAC/TMECS	\$2,274.00	\$1,500.00	(C)
-44.736 Mbps(Monthly Extension)	Z3MAC/TMECS	\$2,274.00	\$1,500.00	(N)
-44.736 Mbps(1 Year Plan)	Z3MAC/Z31A+	\$1,500.00	\$1,000.00	
-44.736 Mbps(3 Year Plan)	Z3MAC/Z33A+	\$ 985.00	\$ 250.00	
-44.736 Mbps(5 Year Plan)	Z3MAC/Z35A+	\$ 900.00	\$ 0.00	
-274.176 Mbps	TWT++	ICB	ICB	
(B) <u>Channel Mileage²</u>				
(1) <u>Channel Mileage Facility</u>				
(Per Mile)				
- 1.544 Mbps	IL5XX/CMF	\$12.75		
- 3.152 Mbps	CMF	ICB		
- 6.312 Mbps	CMF	ICB		
-44.736 Mbps(Month-to-Month**)	IL5XX/CMF	\$45.00		(C)
-44.736 Mbps(Monthly Extension)	IL5XX/CMF	\$45.00		(N)
-44.736 Mbps(1 Year Plan)	IL5XX/CMF	\$38.00		
-44.736 Mbps(3 Year Plan)	IL5XX/CMF	\$36.50		
-44.736 Mbps(5 Year Plan)	IL5XX/CMF	\$35.00		
-274.176 Mbps	CMF	ICB		(N)
(2) <u>Channel Mileage Termination</u>				
(Per Termination)				
-1.544 Mbps	IL5XX/CMF	\$ 62.50		
-3.152 Mbps	CMT	ICB		
-6.312 Mbps	CMT	ICB		
-44.736 Mbps(Month-to-Month**)	IL5XX/CMF	\$375.00		(C)
-44.736 Mbps(Monthly Extension)	IL5XX/CMF	\$375.00		(N)
-44.736 Mbps(1 Year Plan)	IL5XX/CMF	\$342.50		
-44.736 Mbps(3 Year Plan)	IL5XX/CMF	\$337.50		
-44.736 Mbps(5 Year Plan)	IL5XX/CMF	\$332.50		
-274.176 Mbps	CMT	ICB		(N)

Note 1: ICB rates and charges are filed in 7.12 following.

Note 2: When the customer orders High Capacity Service as described in 7.11 and 7.11.5.2, preceding, the Channel Mileage Facility must be ordered in conjunction with an associated Channel Termination as described in 7.2.1(A), preceding.

**This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.

Material previously appearing on this page now appears on 2nd Revised Page 22-17.

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.5 High Capacity Service (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>	
(C) <u>Optional Features and Functions</u>				(T)
(1) Multiplexing, per arrangement				(T)
DS4 to DS1	MXA++	ICB		(M)
DS3 to DS1				(M)
Month-to-Month***	MQ3	\$475.00		(C)
Monthly Extension	MQ3	\$475.00		(N)
1 Year	MQ3	\$420.00		
3 Year	MQ3	\$410.00		
5 Year	MQ3	\$400.00		(N)
DS2 to DS1	MXD++	ICB		(M)
DS1C to DS1	MXH++	ICB		(M)
DS1 to Voice/Digital ⁽¹⁾	MQ1/MQ1++	\$275.00		(T)
DS1 to DS0	QMU/QMUA1	\$275.00		(M)
DS0 to Subrates				
-Up to 20 2.4 kbps services	QSU24	\$175.00		
-Up to 10 4.8 kbps services	QSU48	\$175.84		
-Up to 5 9.6 kbps services	QSU96	\$124.84		
(2) Multiplexer Cross-Connect	1L5TC	\$10.00	\$80.00	
- per cross-connect, per central office				
(3) Transfer Arrangement (dial-up*)				
- per four port arrangement including control channel termination**	USV	ICB		
(D) <u>DS1/DS3 Rollover</u>				
-per DS1 Channel Termination	NRBR1/NRBRH		\$300.00	
-per DS3 Channel Termination	NRBR3		825.00	

⁽¹⁾A channel of this DS1 to a multiplexing Hub can be used for Digital Data Service (M)
or Digital Data Over Voice. (M)

* The Dial-Up option requires the customer to purchase the Controller Arrangement from 13.3.7 following.

** An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center

***This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits. (N)
(N)

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.5 High Capacity Service (Cont'd)(E) Collocation Transport

	<u>USOC</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charges</u>	
		<u>Fixed</u>	<u>Per Mile</u>	<u>1st Ckt.</u>	<u>Addl Ckt.</u>
1.544 Mbps	(1H48S)	\$54.70	\$9.00	\$300.00	\$300.00
	<u>USOC</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charges</u>	
		<u>Fixed</u>	<u>Per Mile</u>	<u>1st Ckt.</u>	<u>Addl Ckt.</u>
44.736 Mbps	(1H48S)				
Month-to-Month*		\$375.00	\$45.00	\$1,500.00	\$1,500.00
Monthly Extension		\$375.00	\$45.00		
1 Year		\$342.50	\$38.00	\$1,000.00	\$1,000.00
3 Year		\$337.50	\$36.50	\$0.00	\$0.00
5 Year		\$332.50	\$35.00	\$0.00	\$0.00

*This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)2.5.2 Special Access Service (Cont'd)22.5.2.6 DS1 Term Payment Plan

	<u>USOC</u>	<u>1 Year</u>	<u>2 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u>7 Year</u>
(a) Channel Termination						
- Per Point of Termination	TMECS	\$140.00	\$132.50	\$115.00	\$105.00	\$100.00
(b) Channel Mileage						
- Channel Mileage Termination (per termination)	1L5XX	\$55.00	\$45.00	\$40.00	\$35.00	\$32.50
- Channel Mileage Facility (per mile)	1L5XX	\$12.25	\$12.00	\$9.25	\$8.50	\$8.25
(c) Central Office Multiplexing						
DS1 to DS0 voice/digital	MQ1, MQ1++, QMUA1, QMU, QMU++					
-Per arrangement		\$260.00	\$190.00	\$170.00	\$160.00	\$150.00
(d) Collocation Transport						
-Channel Mileage						
- Fixed	1H48S	\$50.00	\$45.00	\$40.00	\$35.00	\$32.50
- Per Mile	1H48S	\$9.00	\$9.00	\$8.75	\$8.50	\$8.25
(e) Nonrecurring Charges	<u>USOC</u>	<u>Rate</u>				
-One Time Charges						
-Per point of channel termination						
-Channel Termination	TMECS	\$900.00				
-Collocation Transport	1H48S	\$900.00				

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ACCESS SERVICE

NOTE: Channel Termination Nonrecurring Charges and Collocation Transport Nonrecurring Charges are waived on new installations of DS1 High Capacity Service with a 2, 3, 5, or 7 year DS1 TPP.

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22. Metropolitan Statistical Access Area Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Services (Cont'd)22.5.2.7 Gigabit Ethernet Metropolitan Area Network
(GigaMAN®)

(T)

(A) Recurring Charges

		Term Pricing Plan					(N)
		USOC	Monthly Extension	12 Mo.	36 Mo.	60 Mo.	
(1) Local Distribution Channel							
- Per Point of Termination Terminating Bit Rate 1 Gbps							
- All States		TMECS	\$3,800.00	\$3,300.00	\$2,850.00	\$2,500.00	
(2) Interoffice Transport Mileage							
- Fixed							
- All States		1L5XX	\$250.00	\$250.00	\$200.00	\$100.00	
- Per Mile							
1 Gbps							
- All States		1L5XX	\$125.00	\$125.00	\$100.00	\$75.00	
(3) Repeater		VU4	\$2,500.00	\$2,400.00	\$1,150.00	\$850.00	
-each							(N)
(4) Diversity Options							
Local Channel Diversity							
-Per Channel							
Terminating Bit							
Rate 1 Gbps							
-All States		CPALX	\$750.00	\$750.00	\$750.00	\$750.00	0.00
Inter Wire Center Diversity							
-Per Channel							
Terminating Bit							
Rate 1 Gbps							
-All States		CPATX	\$500.00	\$500.00	\$500.00	\$500.00	0.00
Alternate Wire Center Diversity							
-Per Channel							
Termination bit							
Rat 1 Gbps							
-All States		CPAAX	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	0.00

(N)

Certain material previously appearing on this page now appears on 2nd Revised Page 22-19.1.

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ACCESS SERVICE

22. Metropolitan Statistical Access Area Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Services (Cont'd)22.5.2.7 Gigabit Ethernet Metropolitan Area Network (GigaMAN®)(A) Recurring Charges (Cont'd)

	USOC	Monthly Extension	12 Mo.	Term Pricing Plan			NRC	(N)
				36 Mo.	60 Mo.			
(5) Protection - per GigaMAN® service arranged								
-Equipment Only Protection, per terminating end	CPAEX	1,500.00	\$1,375.00	1,050.00	900.00	\$625.00		
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	2,460.00	2,050.00	1,600.00	1,400.00	1,400.00		
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	2,190.00	1,825.00	1,425.00	1,225.00	1,225.00		
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	475.00	\$375.00	150.00	100.00	625.00		
-Power Protection ⁽¹⁾	VBBGX	700.00	625.00	480.00	435.00	475.00		(N)

⁽¹⁾ Power protection rate elements are applicable as set forth in 7.3.11(C)(4) preceding.

Material previously appearing on this page now appears on Original Page 22-19.2.

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ACCESS SERVICE

22. Metropolitan Statistical Access Area Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Services (Cont'd)22.5.2.7 Gigabit Ethernet Metropolitan Area Network
(GigaMAN®) (Cont'd)

(N)

(B) Installation and Rearrangement Charges

(M)

All States

	USOC	12 Months	36 Months	60 Months
(1) Administrative Charge per Order	ORCMX	\$60.00	\$60.00	\$60.00
(2) Design Central Office Connection Charge per circuit	NRMCK	\$230.00	\$230.00	\$230.00
(3) Customer Connection Charge per termination	NRBBL	\$1,500.00	\$1,500.00	\$1,500.00

(M)

(N)

(M)

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Material appearing on this page previously appeared on 2nd Revised Page 22-19.1.

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.8 Multi-service Optical Network (MON) Ring Service

(A) <u>Nonrecurring Charges</u>		<u>USOC</u>	<u>Nonrecurring Charge</u>	
(1) Administrative Charge - per customer order		ORCMX	\$125.00	
(2) Design and Central Office Connection Charge - per network and per riding circuit		NRMCK	600.00	
(3) Customer Connection Charge (Service Establishment) - per node		NRBBL	7,500.00	
(4) Customer Connection Charge (Subsequent Installation) - per subsequent shelf		NHCNL	1,000.00	
(B) <u>Recurring Charges</u>		<u>USOC</u>	<u>Monthly Rates</u> <u>3 Year</u> <u>5 Year</u> <u>Monthly Extension</u>	
(1) Customer Premises Node (includes first shelf)	F2ND1	\$7,800.00	\$6,240.00	\$10,920.00
(2) Customer Premises Node - per subsequent shelf	F2NDS	5,850.00	4,680.00	8,190.00
(3) Central Office Node (includes first shelf)	F2NC1	7,800.00	6,240.00	10,920.00
(4) Central Office Node - per subsequent shelf	F2NCS	5,850.00	4,680.00	8,190.00
(5) Channel Mileage - per V-H mile or fraction thereof (2 mile min.)	1YAZX	325.00	260.00	455.00
(6) Optical Amplifier - C band (per location) - L band (per location)	67QXX 67QSX	5,400.00 5,400.00	3,600.00 3,600.00	7,600.00 7,600.00
(7) Regenerator -(as required) -up to 2.5 Gbps (per shelf) -up to 10 Gbps (per circuit)	V8RXX V8R2C	7,500.00 15,000.00	5,000.00 10,000.00	10,500.00 21,000.00

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

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22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.8 Multi-service Optical Network (MON) Ring Service (Cont'd)(B) Recurring Charges (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>		<u>Monthly</u>
		<u>3 Year</u>	<u>5 Year</u>	<u>Extension</u>
(8) Bulk Power -per first shelf, for shelves 1 thru 4	CBVDX	2,000.00	1,600.00	2,600.00
(9) Bulk Power -per fifth subsequent shelf for shelves 5 thru 8	CBVDS	1,600.00	1,300.00	2,100.00

(C) Ports

-per port/per circuit
terminating location

(1) ETR ^{TM/1/} - unprotected channel	POYKW	\$975.00	\$750.00	\$1,400.00
(2) FICON ^{TM/1/} (1.0625 Gbps) - unprotected channel	POYMW	975.00	750.00	1,400.00
- protected channel	POYMP	1,950.00	1,500.00	2,800.00
(3) FICON ^{TM/1/} (2.125 Gbps) - unprotected channel	POYWW	1,700.00	1,300.00	2,400.00
- protected channel	POYWP	3,400.00	2,600.00	4,800.00
(4) ISC ^{TM/1/} - unprotected channel	POYJW	3,250.00	1,250.00	4,600.00
(5) Fibre Channel (1.0625 Gbps) - unprotected channel	POYNW	1,200.00	900.00	1,700.00
- protected channel	POYNP	2,400.00	1,800.00	3,400.00

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.8 Multi-service Optical Network (MON) Ring Service (Cont'd)

(C) <u>Ports</u> (Cont'd)	<u>USOC</u>	<u>Monthly Rates</u>		<u>Monthly</u>
		<u>3 Year</u>	<u>5 Year</u>	<u>Extension</u>
-per port/per circuit terminating location				
(6) Fibre Channel (2.125 Gbps)				
- unprotected channel	POYYW	\$1,700.00	\$1,300.00	\$2,400.00
- protected channel	POYYP	3,400.00	2,600.00	4,800.00
(7) Gigabit Ethernet				
- unprotected channel	POYLW	1,200.00	900.00	1,700.00
- protected channel	POYLP	2,400.00	1,800.00	3,400.00
(8) 10 Gigabit Ethernet (WAN-PHY)				
- unprotected channel	POYTW	15,000.00	12,500.00	21,000.00
- protected channel	POYTP	20,000.00	16,700.00	28,000.00
(9) SONET OC-12/OC-12c				
- unprotected channel	POYFW	1,300.00	1,000.00	1,900.00
- protect channel	POYFP	2,600.00	2,000.00	3,700.00
(10) SONET OC-48/48c				
- unprotected channel	POYGW	4,400.00	3,700.00	6,000.00
- protected channel	POYGP	6,600.00	5,560.00	9,000.00
(11) SONET OC-192/192c				
- unprotected channel	POYOW	15,000.00	12,500.00	21,000.00
- protected channel	POYOP	20,000.00	16,700.00	28,000.00

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ACCESS SERVICE

22. Metropolitan Statistical Access Area Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Services (Cont'd)22.5.2.8 Multi-service Optical Network (MON) Ring Service
(Cont'd)(C) Ports (Cont'd)-per port/per circuit
terminating location

	<u>USOC</u>	<u>Monthly Rates</u>		<u>Monthly</u>
		<u>3 Year</u>	<u>5 Year</u>	<u>Extension</u>
(12) Sub-Rate System				
- unprotected channel	POYSW	\$1,300.00	\$1,000.00	\$1,900.00
- protected channel	POYSP	2,600.00	2,000.00	3,700.00
(13) ESCON ^{TM/1/*}				
- unprotected channel	POYHW	100.00	100.00	150.00
- protected channel	POYHP	100.00	100.00	150.00
(14) Fast Ethernet*				
- unprotected channel	POYCW	325.00	250.00	500.00
- protected channel	POYCP	500.00	400.00	800.00
(15) D1 Video*				
- unprotected channel	POYVW	100.00	100.00	150.00
- protected channel	POYVP	100.00	100.00	150.00
(16) SONET OC-3/OC-3c**				
- unprotected channel	POYEW	100.00	100.00	150.00
- protected channel	POYEP	100.00	100.00	150.00

(C)

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ACCESS SERVICE

22. Metropolitan Statistical Access Area Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Services (Cont'd)22.5.2.8 Multi-service Optical Network (MON) Ring Service
(Cont'd)(C) Ports (Cont'd)

-per port/per circuit
terminating location

	<u>USOC</u>	<u>Monthly Rates</u>		<u>Monthly</u>
		<u>3 Year</u>	<u>5 Year</u>	<u>Extension</u>
(17) 10 Gigabit Ethernet (LAN-PHY)				
- unprotected channel	POYUW	15,375.00	12,815.00	21,525.00
- protected channel	POYUP	20,500.00	17,120.00	28,700.00
(18) GigE/FC/FICON ^{TM/1/} Sub-Rate System				
- unprotected channel	POY1W	875.00	700.00	1,140.00
- protected channel	POY1P	1,750.00	1,400.00	2,280.00
(19) GigE Riding Circuit*				
- unprotected channel	POY4W	500.00	400.00	650.00
- protected channel	POY4P	1,000.00	800.00	1,300.00
(20) Fibre Channel Riding Circuit*				
- unprotected channel	POY6W	500.00	400.00	650.00
- protected channel	POY6P	1,000.00	800.00	1,300.00
(21) FICON ^{TM/1/} Riding Circuit*				
- unprotected channel	POY7W	400.00	320.00	480.00
- protected channel	POY7P	800.00	640.00	960.00
(22) ESCON ^{TM/1/} Sub-Rate System				
- unprotected channel	POY2W	1,500.00	1,125.00	1,950.00
- protected channel	POY2P	3,000.00	2,250.00	3,900.00
(23) OC-3/OC-12 Sub-Rate System				
- unprotected channel	POY3W	1,000.00	750.00	1,300.00
- protected channel	POY3P	2,000.00	1,500.00	2,600.00
(24) OC-12 Riding Circuit**				
- unprotected channel	POY5W	500.00	375.00	700.00
- protected channel	POY5P	1,000.00	750.00	1,400.00

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.9 Broadband Circuit Service*(A) OC-3(1) Channel Termination

- per BCS Circuit, per Customer Premises

Volume Option	USOC	Monthly Rate			Nonrecurring Charges		
		<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
	T6XBX/T6XB+	\$4,200	\$2,930	\$1,700	\$2,000	\$1,000	\$0
2 plus	T6SEX/T6XE+	n/a	\$2,635	\$1,670	n/a	\$750	\$0

(2) Mileage

- per BCS Circuit

(a) Fixed

USOC	Monthly Rate			Nonrecurring Charges		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
1HYBS/1HYB+	\$1,600	\$1,400	\$1,000	\$0	\$0	\$0

(b) Per Mile

USOC	Monthly Rate			Nonrecurring Charges		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
1HYBS/1HYB+	\$193	\$154	\$110	\$0	\$0	\$0

(3) Optional Features(a) Equipment ProtectionPer Channel Termination,
per Customer Premises

USOC	Monthly Rate			Nonrecurring Charges		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
APPBX/APPB+	\$195	\$195	\$195	\$150	\$75	\$0

* Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract

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expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

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22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.9 Broadband Circuit Service* (Cont'd)(A) OC-3 (Cont'd)(3) Optional Features (Cont'd)(b) Loop RedundancyPer Channel Termination,
per Customer Premises

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
DVDLX/DVDL+	\$390	\$390	\$390	\$600	\$300	\$0

(c) Central Office Multiplexing(1) Central Office Multiplexing System Arrangement

- Per OC-3 System Arrangement

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
MXNBX/MXNB+	\$1,800	\$1,200	\$950	\$600	\$300	\$0

(2) Central Office Multiplexing Ports

- Per Port

(a) DS-1 Port

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
Initial Order: PYVP1/PYVP+	\$60	\$60	\$60	\$300	\$150	\$0
Modification: NRMB/NRMB+	\$60	\$60	\$60	\$300	\$150	\$150

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.9 Broadband Circuit Service* (Cont'd)(A) OC-3 (Cont'd)(3) Optional Features (Cont'd)(c) Central Office Multiplexing (Cont'd)(2) Central Office Multiplexing Ports(b) DS-3 Port

	USOC	Monthly Rate			Nonrecurring Charges		
		<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
Initial Order: PYVP3/PYVP+		\$150	\$150	\$150	\$600	\$300	\$0
Modification: NRMBB/NRMB+		\$150	\$150	\$150	\$600	\$300	\$300

(4) Service-to-Service Through Connect Arrangement (OC-3)

USOC	Monthly Rate			Nonrecurring Charges		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
THA	\$0	\$0	\$0	\$300	\$300	\$300

(5) Moves (OC-3)(a) Service Facility Move

USOC	Monthly Rate			Nonrecurring Charges		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
NRMBB	\$0	\$0	\$0	\$650	\$650	\$650

(b) Moves of Point of Termination

See Section 13, preceding for rates and charges.

(c) Moving Customer Premises

See Section 13, preceding for rates and charges.

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ACCESS SERVICE

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.9 Broadband Circuit Service* (Cont'd)(A) OC-3 (Cont'd)(6) Collocation Transport

	<u>Charges</u>	<u>Monthly Rate</u> <u>USOC</u>	<u>Fixed</u>	<u>Nonrecurring</u> <u>Per Mile</u>
BCS Circuit	(1H48S)			
1 Year		\$1,600	\$193	\$3,000
3 Year		\$1,400	\$154	\$1,500
5 Year		\$1,150	\$110	\$ 0

(7) Interconnect Arrangement with Other Special Access Services OC-3 Cross-Connect

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
Cross-Connect	(THA)		
1 Year		\$0	\$300
3 Year		\$0	\$300
5 Year		\$0	\$300

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22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.9 Broadband Circuit Service* (Cont'd)(B) OC-12(1) Channel Termination

- per BCS Circuit, per Customer Premises

Volume Option	USOC	Monthly Rate			Nonrecurring Charges		
		<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
	T6XBX/T6XB+	\$9,900	\$8,460	\$5,445	\$5,000	\$2,500	\$0
2 plus	T6XEX/T6XE+	n/a	\$7,610	\$4,320	n/a	\$2,500	\$0

(2) Mileage

- per BCS Circuit

(a) Fixed

USOC	Monthly Rate			Nonrecurring Charges		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
1HYBS/1HYB+	\$7,100	\$6,500	\$5,800	\$0	\$0	\$0

(b) Per Mile

USOC	Monthly Rate			Nonrecurring Charges		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
1HYBS/1HYB+	\$330	\$275	\$200	\$0	\$0	\$0

(3) Optional Features(a) Equipment Protection

- Per Channel Termination, per Customer Premises

USOC	Monthly Rate			Nonrecurring Charges		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
APPBX/APPB+	\$300	\$300	\$300	\$360	\$180	\$0

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.9 Broadband Circuit Service* (Cont'd)(B) OC-12 (Cont'd)(3) Optional Features (Cont'd)(b) Loop Redundancy

- Per Channel Termination, per Customer Premises

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
DVDLX/DVDL+	\$590	\$590	\$590	\$720	\$360	\$0

(c) Central Office Multiplexing(1) Central Office Multiplexing System Arrangement

- Per OC-12 System Arrangement

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
MXNBX/MXNB+	\$3,750	\$2,500	\$1,900	\$1,000	\$500	\$0

(2) Central Office Multiplexing Ports

- Per Port

(a) DS3 Port

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
Initial Order: PYVP3/PYVP+	\$150	\$150	\$150	\$600	\$300	\$0
Modification: NRMBB/NRMB+	\$150	\$150	\$150	\$600	\$300	\$300

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.9 Broadband Circuit Service* (Cont'd)(B) OC-12 (Cont'd)(3) Optional Features (Cont'd)(c) Central Office Multiplexing (Cont'd)(2) Central Office Multiplexing Ports (Cont'd)

- Per Port

(b) OC-3 Port

	<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
		<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
Initial Order: PYVPC/PYVP+		\$180	\$180	\$180	\$600	\$300	\$0
Modification: NRMBD/NRMB+		\$180	\$180	\$180	\$600	\$300	\$300

(c) OC-3c Port

	<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
		<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
Initial Order: PYVPO/PYVP+		\$180	\$180	\$180	\$600	\$300	\$0
Modification: NRMBE/NRMB+		\$180	\$180	\$180	\$600	\$300	\$300

(4) Service-to-Service Through Connect Arrangement (OC-12)

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
THA	\$0	\$0	\$0	\$300	\$300	\$300

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.9 Broadband Circuit Service* (Cont'd)(B) OC-12 (Cont'd)(5) Moves(a) Service Facility Move (OC-12)

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
NRMBBS	\$0	\$0	\$0	\$650	\$650	\$650

(b) Moves of Point of Termination

See Section 13, preceding for rates and charges.

(c) Moving Customer Premises

See Section 13, preceding for rates and charges.

(6) STS-1 Channel Reconfiguration Charge

<u>USOC</u>	<u>Monthly Rate</u>			<u>Nonrecurring Charges</u>		
	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>	<u>1 year</u>	<u>3 year</u>	<u>5 year</u>
NRMBF	\$0	\$0	\$0	\$600	\$600	\$600

(7) Collocation Transport

	<u>USOC</u> (1H48S)	<u>Monthly Rate</u>		<u>Nonrecurring Charges</u>
		<u>Fixed</u>	<u>Per Mile</u>	
BCS Circuit				
1 Year		\$7,100	\$330	\$5,000
3 Year		\$6,500	\$275	\$2,500
5 Year		\$5,800	\$200	\$0

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ACCESS SERVICE

- * Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.9 Broadband Circuit Service* (Cont'd)(B) OC-12 (Cont'd)(8) Interconnect Arrangement with Other Special Access Services OC-12 Cross-Connect

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Cross-Connect	(THA)		
1 Year		\$0	\$300
3 Year		\$0	\$300
5 Year		\$0	\$300

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.10 Optical Carrier Network (OCN) Point-to-Point Service(A) OC-3/OC-3c(1) Local Distribution Channel-Per Point of
Termination

<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
TMECS	\$2,100.00	\$1,700.00	\$1,300.00	\$2,275.00

(2) Interoffice Transport

	<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
-Mileage					
-Fixed	1L5XX	\$1,100.00	\$975.00	\$886.00	\$1,550.00
-Per Mile	1L5XX	\$260.00	\$260.00	\$220.00	\$350.00

(3) Collocation Transport-Transport Facilities between Collocation Arrangements

	<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
-Fixed	1H48S	\$1,800.00	\$1,600.00	\$1,400.00	\$2,000.00
-Per Mile	1H48S	\$260.00	\$260.00	\$220.00	\$350.00

(4) Optional Features and Functions

(a) OC-3 Add/Drop Multiplexing-Per Arrangement*

<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
MPECX	\$1,500.00	\$1,200.00	\$950.00	\$1,650.00

(b) Add/Drop Function-Per DS-3

<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
MXJBX	\$150.00	\$0

* Concatenated services cannot be multiplexed.

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.10 Optical Carrier Network (OCN) Point-to-Point Service
(Cont'd)(A) OC-3/OC-3c (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Features and Functions</u> (Cont'd)			
(b) <u>Add/Drop Function</u> (Cont'd) -Per DS1	MXJAX	\$55.00	\$0
(c) <u>1+1 Protection</u> -Per OC-3/OC-3c Local Distribution Channel	P8T	\$180.00	\$0
(d) <u>1+1 Protection with Cable Survivability</u> -Per OC-3/OC-3c Local Distribution Channel	P3S	\$180.00	\$500.00
(e) <u>1+1 Protection with Route Survivability</u> -Per OC-3/OC-3c Local Distribution Channel	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)	
-Per Quarter Route Mile	S2DXY	\$50.00	\$0

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.10 Optical Carrier Network (OCN) Point-to-Point Service
(Cont'd)(A) OC-3/OC-3c (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Features and Functions</u> (Cont'd)			
(f) <u>Shared Network Arrangement</u>			
-Processing Charge per Service Order	NRBOP	\$0	\$30.00
(g) 1+1 Protection with Diversity ⁽¹⁾			
-Per OC-3/OC-3c Local Distribution	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)	
-Per Quarter Route Mile	S2DXY	\$50.00	\$0
-Per OC-3/OC-3c	CPAPA	\$200.00	\$0
(5) <u>Moves (OC-3/OC-3c)</u>			
(a) <u>Service Rearrangement</u>			
See Section 7.2.4, preceding for rates and charges.			
(b) <u>Moves of Point of Termination</u>			
See Section 13.4, preceding for rates and charges.			
(c) <u>Moving Customer Premises</u>			
See Section 7.2.7, preceding for rates and charges.			

⁽¹⁾ The 1+1 Protection with Route Survivability is required for each end of the second service.

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.10 Optical Carrier Network (OCN) Point-to-Point Service
(Cont'd)(B) OC-12/OC-12c(1) Local Distribution Channel-Per Point of
Termination

<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
TMECS	\$4,800.00	\$4,000.00	\$3,000.00	\$5,250.00

(2) Interoffice Transport

	<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
-Mileage					
-Fixed	1L5XX	\$3,600.00	\$2,925.00	\$2,250.00	\$4,100.00
-Per Mile	1L5XX	\$260.00	\$260.00	\$220.00	\$350.00

(3) Collocation Transport-Transport Facilities between Collocation Arrangements

	<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
-Fixed	1H48S	\$5,200.00	\$4,500.00	\$4,000.00	\$5,600.00
-Per Mile	1H48S	\$260.00	\$420.00	\$400.00	\$600.00

(4) Optional Features and Functions

(a) OC-12 Add/Drop Multiplexing-Per Arrangement*

<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
MPEDX	\$3,200.00	\$2,800.00	\$2,100.00	\$3,575.00

(b) Add/Drop Function-Per OC-3

<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>

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MXJCX	\$250.00	\$0

* Concatenated services cannot be multiplexed.

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.10 Optical Carrier Network (OCN) Point-to-Point Service
(Cont'd)(B) OC-12/OC-12c (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charges</u>
(4) <u>Optional Features and Functions</u> (Cont'd)			
(b) <u>Add/Drop Function</u> (Cont'd)			
-Per DS3	MXJBX	\$150.00	\$0
(c) <u>1+1 Protection</u>			
-Per OC-12/OC-12c			
Local			
Distribution			
Channel	P8T	\$260.00	\$0
(d) <u>1+1 Protection with Cable Survivability</u>			
-Per OC-12/OC-12c			
Local			
Distribution			
Channel	P3S	\$260.00	\$600.00
(e) <u>1+1 Protection with Route Survivability</u>			
-Per OC-12/OC-12c			
Local			
Distribution			
Channel	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below)	
		(P8T + S2DXY)	
-Per Quarter			
Route Mile	S2DXY	\$100.00	\$0

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.10 Optical Carrier Network (OCN) Point-to-Point Service (Cont'd)(B) OC-12/OC-12c (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>	
(4) <u>Optional Features and Functions</u> (Cont'd)				
(f) <u>Shared Network Arrangement</u> -Processing Charge per Service Order	NRBOP	\$0	\$30.00	
(g) 1+1 Protection with Diversity ⁽¹⁾ -Per OC-12/OC-12c Local Distribution	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)		(N)
-Per Quarter Route Mile	S2DXY	\$100.00	\$0	
-Per OC-12/OC-12c	CPAPB	\$300.00	\$0	(N)
(5) <u>Moves (OC-12/OC-12c)</u>				
(a) <u>Service Rearrangements</u>				
See Section 7.2.4, preceding for rates and charges.				
(b) <u>Moves of Point of Termination</u>				
See Section 13.4, preceding for rates and charges.				
(c) <u>Moving Customer Premises</u>				
See Section 7.2.7, preceding for rates and charges.				
(¹) The 1+1 Protection with Route Survivability is required for each end of the second service.				(N) (N)

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.10 Optical Carrier Network (OCN) Point-to-Point Service
(Cont'd)(C) OC-48/OC-48c(1) Local Distribution ChannelPer Point of
Termination

<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
TMECS	\$11,400.00	\$9,800.00	\$7,000.00	\$12,250.00

(2) Interoffice Transport

	<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
-Mileage					
-Fixed	1L5XX	\$6,700.00	\$5,625.00	\$4,500.00	\$7,875.00
-Per Mile	1L5XX	\$300.00	\$260.00	\$220.00	\$350.00

(3) Collocation Transport-Transport Facilities between Collocation Arrangements

	<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
-Fixed	1H48S	\$13,000.00	\$11,700.00	\$10,400.00	\$14,500.00
-Per Mile	1H48S	\$260.00	\$520.00	\$440.00	\$650.00

(4) Optional Features and Functions

(a) OC-48 Add/Drop Multiplexing-Per Arrangement*

<u>USOC</u>	<u>1 Year</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
MXRFX	\$5,550.00	\$4,625.00	\$3,700.00	\$6,375.00

(b) Add/Drop Function-Per OC-3

<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
MXJEX	\$625.00	\$0

* Concatenated services cannot be multiplexed.

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(N)

(N)

ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.10 Optical Carrier Network (OCN) Point-to-Point Service
(Cont'd)(C) OC-48/OC-48c (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Features and Functions</u> (Cont'd)			
(b) <u>Add/Drop Function</u> (Cont'd)			
-Per OC-3	MXJCX	\$250.00	\$0
-Per DS3	MXJBX	\$150.00	\$0
(c) <u>1+1 Protection</u> -Per OC-48/OC-48c Local Distribution Channel	P8T	\$1,410.00	\$0
(d) <u>1+1 Protection with Cable Survivability</u> -Per OC-48/OC-48c Local Distribution Channel	P3S	\$1,410.00	\$700.00
(e) <u>1+1 Protection with Route Survivability</u> -Per OC-48/OC-48c Local Distribution Channel	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)	
-Per Quarter Route Mile	S2DXY	\$125.00	\$0

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.10 Optical Carrier Network (OCN) Point-to-Point Service
(Cont'd)(C) OC-48/OC-48c (Cont'd)

	USOC	Monthly	<u>Nonrecurring</u> Charge
(4) <u>Optional Features and Functions</u> (Cont'd)			
(f) <u>Point-to-Point OC-48 Regenerator</u> -each	RGY48	\$5,500.00	\$0
(g) <u>Shared Network Arrangement</u> -Processing Charge per Service Order	NRBOP	\$0	\$30.00
(h) 1+1 Protection with Diversity ⁽¹⁾ -Per OC-48/OC-48c Local Distribution	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)	
-Per Quarter Route Mile	S2DXY	\$125.00	\$0
-Per OC-48/OC-48c	CPAPC	\$700.00	\$0

(N)

(N)

(5) Moves (OC-48/OC-48c)(a) Service Rearrangement

See Section 7.2.2, preceding for rates and charges.

(b) Moves of Point of Termination

See Section 7.2.3, preceding for rates and charges.

(c) Moving Customer Premises

See Section 7.2.3, preceding for rates and charges.

⁽¹⁾ The 1+1 Protection with Route Survivability is required for each end of the second service.

(N)

(N)

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.10 Optical Carrier Network (OCN) Point-to-Point Service
(Cont'd)(D) OC-192/OC-192c

(N)

	<u>USOC</u>	<u>3 year</u>	<u>5 year</u>	<u>Mo. Ext.</u>
(1) <u>Local</u> <u>Distribution</u> <u>Channel</u> -Per Point of Termination	TMECS	\$29,400.00	\$21,000.00	\$36,000.00
(2) <u>Interoffice</u> <u>Transport</u> -Mileage -Fixed	1L5XX	\$16,875.00	\$13,500.00	\$23,625.00
-Per Mile	1L5XX	\$360.00	\$300.00	\$450.00
(3) <u>Collocation</u> <u>Transport</u> -Transport Facilities between Collocation Arrangements -Fixed	1H48S	\$16,875.00	\$13,500.00	\$23,625.00
-Per Mile	1H48S	\$360.00	\$300.00	\$450.00
(4) <u>Optional</u> <u>Features and</u> <u>Functions</u>				
(a) OC-192 Add/Drop Multiplexing* -Per Arrangement	MXRGX	\$12,000.00	\$9,600.00	\$16,800.00
(b) Add/Drop Function -per OC-48	MXJFX	\$1,800.00		\$0
	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>	

*Concatenated services cannot be multiplexed.

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ACCESS SERVICE
22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.10 Optical Carrier Network (OCN) Point-to-Point Service
(Cont'd)(D) OC-192/OC-192c (Cont'd)

		<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>	(N)
(4)	<u>Optional Feature and Functions</u> (Cont'd)				
(b)	<u>Add/Drop Function</u> (Cont'd)				
	-Per OC-12	MXJEX	\$625.00	\$0	
	-Per OC-3	MXJCX	\$250.00	\$0	
(c)	<u>1+1 Protection</u>				(N)
	-Per OC-192/OC-192c Local Distribution Channel	P8T	\$2,700.00	\$0	
(d)	<u>1+1 Protection with Cable Survivability</u>				(N)
	-Per OC-192/OC-192c Local Distribution Channel	P3S	\$2,700.00	\$800.00	
(e)	<u>1+1 Protection with Route Survivability</u>				(N)
	-Per OC-192/OC-192c Local Distribution Channel	P8T plus	(Apply P8T rate above, Per Quarter Route Mile below) (P8T + S2DXY)		
	-Per Quarter Route Mile	S2DXY	\$150.00	\$0	
(f)	<u>Point-to-Point OC-192 Regenerator</u>				
	-each	RGY	\$11,000.00	\$0	
(g)	<u>1+1 Protection with Diversity⁽¹⁾</u>				(N)
	-Per OC-192/OC-192c Local Distribution	P8T plus	(Apply P8T rate above, Per Quarter Route Mile below) (P8T + S2DXY)		
	-Per Quarter Route Mile	S2DXY	\$150.00	\$0	
	-Per OC-192/OC-192c	CPAPD	\$1200.00	\$0	

(1) The 1+1 Protection with Route Survivability is required for each end of the second service.

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.10 Optical Carrier Network (OCN) Point-to-Point Service
(Cont'd)(D) OC-192 (Cont'd)(5) Moves (OC-192)(a) Service Rearrangement

See Section 7.2.2, preceding for rates and charges.

(b) Moves of Point of Termination

See Section 7.2.3, preceding for rates and charges.

(c) Moving Customer Premises

See Section 7.2.3, preceding for rates and charges.

(E) Installation and Rearrangement Charges

	Administrative Charge, per Order	Design and Central Office Connection Charge, per circuit	Customer Connection, Charge, per termination	
USOC	ORCMX	NRMCK	NRBBL	(T)
OC-3/OC-3c	\$60.00	\$ 375.00	\$450.00	
OC-12/OC-12c	60.00	375.00	450.00	
OC-48/OC-48c	60.00	500.00	600.00	
OC-192/OC-192c	60.00	2,250.00	600.00	

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.11 Fractional DS1 Service - 128, 256, 384, 512, and
768 Kbps(A) Channel Termination
- Per Point of Termination TMECS

	Recurring Charges	Nonrecurring Charges	
		1st CKT	Addl CKT
MTM	\$150.00	\$900.00	\$900.00
3 Year	\$115.00	\$900.00	\$900.00
5 Year	\$105.00	\$900.00	\$900.00

(B) Channel Mileage
- Fixed

USOC	MTM	3 Year	5 Year
1L5XX	\$50.00	\$39.00	\$34.00

Channel Mileage
- Per Mile

USOC	MTM	3 Year	5 Year
1L5XX	\$10.00	\$9.00	\$8.25

(N)

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.12 Dedicated SONET Ring Service

(A) Nodes

Description	USOC	36 Months	60 Months	Monthly Extension
Per Node:				
<u>OC-3</u>				
-Customer Premises				
First	FP5CX	\$1,650.00	\$1,300.00	\$2,120.00
First Re-Map	RN8CX	1,770.00	1,415.00	2,120.00
Additional	FP5CA	1,000.00	800.00	1,200.00
Additional Re-Map	RN8CA	1,000.00	800.00	1,200.00
-Central Office	FC5CX	1,000.00	800.00	1,200.00
<u>OC-12</u>				
-Customer Premises				
First	FP5DX	3,850.00	3,080.00	4,620.00
First Re-Map	RN8DX	3,850.00	3,080.00	4,620.00
Additional	FP5DA	2,620.00	2,095.00	3,140.00
Additional Re-Map	RN8DA	2,620.00	2,000.00	3,140.00
-Central Office	FC5DX	2,620.00	2,095.00	3,140.00
<u>OC-48</u>				
-Customer Premises				
First	FP5EX	5,890.00	4,715.00	7,070.00
First Re-Map	RN8EX	5,890.00	4,715.00	7,070.00
Additional	FP5EA	5,240.00	4,190.00	6,280.00
Additional Re-Map	RN8EA	5,240.00	4,190.00	6,280.00
-Central Office	FC5EX	5,240.00	4,190.00	6,280.00

Description	USOC	36 Months	60 Months	Monthly Extension
Per node:				
Flex-Ring				
Customer Premises node for 2nd ring double on existing				
OC-12	GP5FX	2,200.00	1,800.00	2,900.00
OC-48	GP5GX	3,900.00	3,000.00	4,500.00
Central Office node for 2nd ring double on existing				
OC-12	GC5FX	1,850.00	1,500.00	2,200.00
OC-48	GC5GX	3,500.00	2,800.00	4,100.00

(N)

(N)

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.12 Dedicated SONET Ring Service (Cont'd)(A) Node (Cont'd)

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
-Per Node		
Customer Premises	NRBS7	\$400.00
Customer Premises Re-Map	NRBS7	400.00
Central Office	NRBSV	325.00

(B) OC-48 Add/Drop Capability

Description	USOC	36 Months	60 Months	Monthly Extension
Per Arrangement	MPEFX	\$3,510.00	\$2,895.00	\$4,350.00
Re-Map				
per arrangement	M8RFX	3,510.00	2,895.00	4,350.00
<u>Description</u>	<u>USOC</u>			<u>Nonrecurring Charge</u>
Nonrecurring charges for subsequent installation				
-per arrangement	NRBS8			490.00

(C) Ports

Description	USOC	36 Months	60 Months	Monthly Extension
- Per Port (excluding Re-Map)				
DS1 at OC-3 Node	SPRAX	\$ 50.00	\$ 45.00	\$ 65.00
DS3 at OC-3 Node	SPRBX	120.00	110.00	150.00
EC-1 at OC-3 Node	S9NSX	120.00	110.00	150.00
OC-3 at OC-3 Node	S9T1X	350.00	300.00	550.00
DS3 at OC-12 Node	SPRCX	120.00	110.00	150.00
EC-1 at OC-12 Node	S9NUX	120.00	110.00	150.00
OC-3 or OC-3c at OC-12 Node	SPREX	150.00	135.00	190.00
DS1 at OC-12 Node ⁽¹⁾⁽²⁾	SPRGX	50.00	45.00	65.00
OC-12 at OC-12 Node	S9T2X	850.00	725.00	1,050.00

(N)

(N)

⁽¹⁾Optical to Electrical DS1 add/drop capability as described in 26.3(A)(5) is needed along with an OC-3 port.

⁽²⁾The Optical-to-Electrical DS1 add/drop capability will be charged when the 85th DS1 port is applied per OC-12 node.

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.12 Dedicated SONET Ring Service (Cont'd)(C) Ports (Cont'd)

Description	USOC	36 Months	60 Months	Monthly Extension	
-Per Port (excluding Re-Map)					
OC-12 or OC-12c at OC-48 Node	SPRHX	375.00	360.00	475.00	
OC-3 or OC-3c at OC-48 Node	SPRJX	150.00	135.00	190.00	
DS3 at OC-48 Node	SPRKX	120.00	110.00	150.00	
EC-1 at OC-48 Node	S9NVX	120.00	110.00	150.00	(N)
DS1 at OC-48 Node ⁽¹⁾	SPRLX	50.00	45.00	65.00	
OC-48 at OC-48 Node	S9T3X	1,900.00	1,650.00	2,850.00	
DS3 w/Transmux ⁽²⁾	S4NGX	250.00	200.00	300.00	(N)
100 Mbps Ethernet (STS-1) at OC-3 Node	S9TAX	145.00	130.00	225.00	
100 Mbps Ethernet (STS-1) at OC-12 Node	S9TBX	145.00	130.00	225.00	
100 Mbps Ethernet (STS- 3c) at OC-12 Node	S9TCX	180.00	160.00	280.00	
1 Gbps Ethernet (STS-1) at OC-12 Node	S9TDX	250.00	200.00	350.00	
1 Gbps Ethernet (STS-3c) at OC-12 Node	S9TEX	250.00	200.00	350.00	
100 Mbps Ethernet (STS-1) at OC-48 Node	S9TGX	145.00	130.00	225.00	
100 Mbps Ethernet (STS- 3c) at OC-48 Node	S9THX	180.00	160.00	280.00	
1 Gbps Ethernet (STS-1) at OC-48 Node	S9TJX	250.00	200.00	350.00	
1 Gbps Ethernet (STS-3c) at OC-48 Node	S9TKX	250.00	200.00	350.00	
1 Gbps Ethernet (STS-12c) at OC-48 Node	S9TLX	600.00	500.00	875.00	
1 Gbps Ethernet (STS-24c) at OC-48 Node	S9TMX	900.00	850.00	1500.00	

⁽¹⁾Optical to Electrical DS1 add/drop capability as described in 22.3(A)(5) is needed along with an OC-3 port.⁽²⁾ DS3 Transmux is only available on OC-3 and OC-12 Dedicated SONET Ring Services.(N)
(N)

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22. Metropolitan Statistical Area Access Services (Cont'd)

22.5 Rates and Charges (Cont'd)

22.5.2 Special Access Service (Cont'd)

22.5.2.12 Dedicated SONET Ring Service (Cont'd)

(C) Ports (Cont'd)

Description	USOC	36 Months	60 Months	Monthly Extension
- Per port (Re-Map) Per DS1 Re-Map Block (consists of 28 DS1 ports) at				
OC-3 Ring	P8RAX	1,400.00	1,260.00	1,820.00
OC-12 Ring	P8RGX	1,400.00	1,260.00	1,820.00
OC-48 Ring	P8RLX	1,400.00	1,260.00	1,820.00
Per DS3 Re-Map Port OC-3 Ring	P8RBX	120.00	110.00	150.00
Per DS3 Re-Map Block (consists of 3 DS3 ports) at				
OC-12 Ring	P8RCX	360.00	330.00	450.00
OC-48 Ring	P8RKX	360.00	330.00	450.00
Per EC-1 Re-Map Port OC-3 Ring	S9N6X	120.00	110.00	150.00
OC-12 Ring	S9N8X	120.00	110.00	150.00
OC-48 Ring	S9N9X	120.00	110.00	150.00
Per OC-3, OC-3c Re-Map Port at				
OC-12 Ring	P8REX	150.00	130.00	190.00
OC-48 Ring	P8RJX	150.00	130.00	190.00
Per OC-12, OC-12c Re-Map Port at OC-48 Ring	P8RHX	375.00	350.00	475.00

(N)
|
(N)

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
- Per port type		
OC-48 or OC-48c	NRBN9	\$425.00
OC-12 or OC-12c	NRBSZ	400.00
OC-3 or OC-3c	NRBSW	400.00
EC-1	NRBSX	385.00
DS3	NRBSX	385.00
DS3 w/Transmux ⁽¹⁾	NRBSX	385.00
DS1	NRBSY	350.00
100 Mbps Ethernet STS-1	NRM63	385.00
100 Mbps Ethernet STS-3c	NRM64	385.00
1 Gbps Ethernet STS-1	NRM65	425.00
1 Gbps Ethernet STS-3c	NRM66	425.00
1 Gbps Ethernet STS-12c	NRM67	425.00
1 Gbps Ethernet STS-24c	NRM68	425.00

(N)
(N)

(1) DS3 Transmux is only available on OC-3 and OC-12 Dedicated SONET Ring Services.

(N)
(N)

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.12 Dedicated SONET Ring Service (Cont'd)(D) Mileage

Description	USOC	36 Months	60 Months	Monthly Extension
Per mile between nodes by ring type				
OC-3	1YAZX	\$260.00	\$220.00	\$330.00
OC-12	1YAZX	260.00	220.00	330.00
OC-48	1YAZX	260.00	220.00	330.00

(E) Optical to Electrical DS1 Add/Drop Capability

Description	USOC	36 Months	60 Months	Monthly Extension
Per OC-3 to DS1 Add/Drop	MXJDX	875.00	700.00	1,050.00
Re-Map				
Per OC-3 to DS-1 Add/Drop	M8RDX	875.00	700.00	1,050.00

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
-Per DS1 off OC-12, OC-48	NRBS6	\$490.00

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22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.12 Dedicated SONET Ring Service (Cont'd)(F) Dedicated SONET Ring Regenerator

Description	USOC	36 Months	60 Months	Monthly Extension
OC-3 Each (as required)	RGY	\$1,000.00	\$ 800.00	\$1,200.00
OC-12 Each (as required)	RGY	2,620.00	2,095.00	3,140.00
OC-48 Each (as required)	RGY	3,275.00	2,620.00	3,930.00

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation of Regenerator -Each (as required)	NRBS5	\$270.00

(G) Shared Network Arrangement

Description	USOC	Nonrecurring Charge
Processing Charge Per Service Order	NRMCL	\$30.00

(H) Installation and Rearrangement Charges

Description	Administrative Charge per Order	Design and Central Office Connection Charge, per Initial Ring
USOC	ORCMX	NRMCK
OC-3	\$60.00	\$600.00
OC-12	60.00	600.00
OC-48	60.00	600.00

(N)

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22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.12 Dedicated SONET Ring Service (Cont'd)(I) Re-Map Service

Description	USOC	Nonrecurring Charge
Initial Service Script Establishment/ Test Charge		
Per OC-3 Ring	NRMR1	\$2,000.00
Per OC-12 Ring	NRMR1	3,500.00
Per OC-48 Ring	NRMR1	4,500.00
Subsequent Script Activity Charge		
Per OC-3 Ring	NRMR3	1,200.00
Per OC-12 Ring	NRMR3	2,100.00
Per OC-48 Ring	NRMR3	2,700.00
Scheduled Test Charge		
Per OC-3 Ring	NRMR5	1,600.00
Per OC-12 Ring	NRMR5	2,800.00
Per OC-48 Ring	NRMR5	3,600.00
Emergency Re-Map Activation -per request		
Per OC-3 Ring	NRMR7	1,800.00
Per OC-12 Ring	NRMR7	3,150.00
Per OC-48 Ring	NRMR7	4,050.00

(N)

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.13 OC-192 Dedicated SONET Ring Service(A) Nodes

Description	USOC	3 year	5 Year	Monthly Extension	
- Customer Premises					
First	GP5AX	\$19,800.00	\$14,400.00	\$33,000.00	
First Re-Map	RNFAX	19,800.00	16,000.00	33,000.00	(N)
Additional	GP5AA	17,800.00	13,000.00	29,475.00	
Additional Re-Map	RNFAA	17,800.00	14,200.00	29,475.00	(N)
- Central Office	GC5AX	17,800.00	13,000.00	29,475.00	

Description	USOC	Nonrecurring Charge	
Nonrecurring charges for subsequent installation			
- Per Node			
Customer Premises	NRBS7	\$400.00	
Customer Premises Re-Map	NRBS7	400.00	(N)
Central Office	NRBSV	325.00	

(B) Add/Drop Capability

Description	USOC	3 year	5 Year	Monthly Extension
Per Arrangement	MXRGX	\$4,500.00	\$3,240.00	\$7,000.00
-(per node) ⁽¹⁾ not to exceed any configurable combination of ports beyond 192 STS-1 equivalents				

⁽¹⁾ The OC192 Add/Drop Capability charge is applied to all nodes, excluding regenerators.

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22. Metropolitan Statistical Area Access Service (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.13 OC-192 Dedicated SONET Ring Service (Cont'd)(B) Add/Drop Capability (Cont'd)

Description	USOC	36 Months	60 Months	Monthly Extension
(2) Optical to Electrical Per Arrangement ⁽¹⁾				
- (per node) not to exceed any configurable combination of ports beyond 192 STS-1 equivalents	MXJGX	\$2,500.00	\$2,000.00	\$3,500.00

Description	USOC	Nonrecurring Charge
Subsequent Installation Optical/Electrical of DS3 Add/Drop	NRBS8	\$490.00

(N)
|
(N)

(1) When electrical drops are required, the Optical-to-Electrical Add/Drop Capability charge is applied in addition to the Add/Drop Capability charge set forth in Section 22.5.2.13(B), preceding.

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.13 OC-192 Dedicated SONET Ring Service (Cont'd)(C) Ports

Description	USOC	3 Year	5 Year	Monthly Extension	
- Per Port					
DS1	S9QWX	\$ 50.00	\$45.00	\$65.00	(N)
DS3	S9QGX	120.00	110.00	150.00	(T)
EC-1	S9TZX	120.00	110.00	150.00	(N)
OC-3, OC-3c	S9NEX	135.00	120.00	225.00	
OC-12, OC-12c	S9NGX	325.00	300.00	550.00	
OC-48, OC-48c	S9NJX	825.00	760.00	1,425.00	
OC-192 at OC-192 Node	S9T4X	3,300.00	3,000.00	5,700.00	
100 Mbps Ethernet (STS-1) at OC-192	S9TNX	145.00	130.00	225.00	(N)
100 Mbps Ethernet (STS-3c) at OC-192	S9TOX	180.00	160.00	280.00	
1 Gbps Ethernet (STS-1) at OC-192	S9TPX	250.00	200.00	350.00	(N)
1 Gbps Ethernet (STS-3c) at OC-192 node*	S9TQX	250.00	200.00	350.00	
1 Gbps Ethernet (STS-12c) at OC-192 node*	S9TRX	600.00	500.00	875.00	
1 Gbps Ethernet (STS-24c) at OC-192 node*	S9TSX	900.00	850.00	1,500.00	
Description	USOC	3 Year	5 Year	Monthly Extension	(N)
- Per port (Re-Map)					
Per DS1 Re-Map Block (consists of 28 DS1 ports) at OC-192 Ring	RN76X	\$1400.00	\$1260.00	\$1820.00	
Per DS3 Re-Map Block (consists of 3 DS3 ports at OC-192 Ring	RN77X	360.00	330.00	400.00	
Per DS3 Re-Map Port at OC-192 Ring	RN71X	120.00	110.00	150.00	
Per EC-1 Re-Map Port at OC-192 Ring	S4NMX	120.00	110.00	150.00	
Per OC-3 Re-Map Port at OC-192 Ring	RN72X	150.00	135.00	190.00	
Per OC-12 Re-Map Port at OC-192 Ring	RN73X	375.00	360.00	475.00	
Per OC-48 Re-Map Port at OC-192 Ring	RN74X	825.00	700.00	1425.00	(N)

Certain material previously appearing on this page now appears on Original
Page 22-44.10.1.

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.13 OC-192 Dedicated SONET Ring Service (Cont'd)(C) Ports (Cont'd)

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
- Per port type		
DS1	NRBSY	\$350.00
DS3	NRBSX	385.00
EC-1	NRBSX	385.00
OC-3, OC-3c	NRBSW	400.00
OC-12, OC-12c	NRBSZ	400.00
OC-48, OC-48c	NRBN9	425.00
OC-192	NRBN2	750.00
100 Mbps Ethernet (STS-1) at OC-192 node	NRM63	385.00
100 Mbps Ethernet (STS-3c) at OC-192 node	NRM64	385.00
1 Gbps Ethernet (STS-1) at OC-192 node	NRM65	385.00
1 Gbps Ethernet (STS-3c) at OC-192 node	NRM66	425.00
1 Gbps Ethernet (STS-12c) at OC-192 node	NRM67	425.00
1 Gbps Ethernet (STS-24c) at OC-192 node	NRM68	425.00

(D) Mileage

Description	USOC	3 Year	5 Year	Monthly Extension
Per mile between nodes ⁽¹⁾	1YAZX	\$260.00	\$210.00	\$330.00

(1) A two-node ring configuration has a two-mile minimum, one mile from the CO node to the customer premise node, and one mile from the customer premise node to the CO node.

Certain material appearing on this page previously appeared on 1st Revised Page 22-44.10.

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22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.13 OC-192 Dedicated SONET Ring Service (Cont'd)(E) Ring Regenerator

Description	USOC	3 Year	5 Year	Monthly Extension
Each (as required)	RGY	\$9,250.00	\$ 7000.00	\$13,875.00

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation of Regenerator		
-Each (as required)	NRBS5	\$270.00

(F) Shared Network Arrangement

Description	USOC	Nonrecurring Charge
Processing Charge Per Service Order	NRMCL	\$30.00

(G) Installation and Administrative Charges

Description	USOC	Nonrecurring Charge
Administrative Charge Per Service Order	ORCMX	\$60.00
Design and Central Office Connection Charge, Per Initial Ring	NRMCK	2,250.00 ⁽¹⁾

⁽¹⁾ Per Ring Charge for Dedicated Ring Service is applied once per original ring installed.

(N)

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.13 OC-192 Dedicated SONET Ring Service (Cont'd)(G) Installation and Administrative Charges (Cont'd)

Description	USOC	Nonrecurring Charge
Re-Map Service		
Initial Service Script Establishment/ Test Charge	NRMR1	\$5,500.00
Subsequent Script Activity Charge	NRMR3	3,200.00
Scheduled Test Charge	NRMR5	4,200.00
Emergency Re-Map Activation (per request)	NRMR7	5,000.00

(N)

(N)

(H) Optical-to-Electrical Add/Drop Capability

Description	USOC	36 Months	60 Months	Monthly Extension
Per Arrangement ⁽¹⁾ - per node) not to exceed any configurable combination of ports beyond 192 STS-1 equivalents	MXJGX	\$2,500.00	\$2,000.00	\$3,500.00

⁽¹⁾ When electrical drops are required, the Optical-to-Electrical Add/Drop Capability charge is applied in addition to the Add/Drop Capability charge set forth in Section 22.4(B), preceding.

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22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.14 Wavelength Metropolitan Area Network (WaveMANSM)(1) Recurring Charges(a) OC-48

		Term Pricing Plan					
	USOC	Monthly Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	NRC
(1) Local Distribution Channel							
-Per Point of Termination Terminating Bit Rate 2.5 Gbps							
-All States	TMECS	\$9,000.00	\$7,500.00	\$6,000.00	\$4,700.00	\$3,800.00	
(2) Interoffice Transport Mileage							
-Fixed							
-All States	1L5XX	\$1,400.00	\$1,100.00	\$800.00	\$600.00	\$500.00	
-Per Mile 2.5 Gbps							
-All States	1L5XX	\$425.00	\$300.00	\$260.00	\$240.00	\$200.00	
(3) Repeater							
-each	VU4	\$3,100.00	\$2,640.00	\$2,100.00	\$1,500.00	\$1,300.00	
(4) Diversity Options							
Local Channel Diversity							
-Per Channel Terminating Bit Rate 2.5 Gbps							
-All States	CPALX	\$1,400.00	\$1,200.00	\$1,000.00	\$900.00	\$800.00	\$850.00
Inter Wire Center Diversity							
-Per Channel Terminating Bit Rate 2.5 Gbps							
-All States	CPATX	\$1,050.00	\$800.00	\$700.00	\$600.00	\$500.00	\$700.00
Alternate Wire Center Diversity							
-Per Channel Terminating Bit Rate 2.5 Gbps							
-All States	CPAAX	\$2,500.00	\$1,900.00	\$1,700.00	\$1,400.00	\$1,200.00	\$950.00

(N)

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.14 Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)(1) Recurring Charges (Cont'd)(a) OC-48 (Cont'd)

	USOC	Monthly Extension	12 Mo.	24 Mo.	Term Pricing Plan			NRC
					36 Mo.	60 Mo.		
(5) Protection - per WaveMAN SM service arranged								
-Equipment Only Protection, per terminating end	CPAEX	\$2,250.00	\$2,000.00	\$1,800.00	\$1,550.00	\$1,350.00		\$625.00
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	\$3,700.00	\$3,050.00	\$2,750.00	\$2,400.00	\$2,100.00		\$1,400.00
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	\$3,250.00	\$2,700.00	\$2,400.00	\$2,100.00	\$1,800.00		\$1,255.00
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	\$570.00	\$450.00	\$240.00	\$180.00	\$120.00		\$625.00
-Power Protection ⁽¹⁾	VBBGX	\$700.00	\$625.00	\$525.00	\$480.00	\$435.00		\$475.00
(6) -Collocation Transport facilities between Collocation Arrangements								
-Fixed	1H48S	\$5,200.00	\$4,100.00	\$3,250.00	\$2,800.00	\$1,800.00		
-Per Mile	1H48S	\$425.00	\$300.00	\$260.00	\$240.00	\$200.00		

⁽¹⁾ Power Protection rate elements are applicable, as set forth in 16.1(J)(3)(d), preceding.

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.14 Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)(1) Recurring Charges (Cont'd)(b) OC-192

Term Pricing Plan

	USOC	Monthly Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	NRC
(1) Local Distribution Channel							
-Per Point of Termination Terminating Bit Rate 10 Gbps							
-All States	TMECS	\$22,770.00	\$18,000.00	\$15,000.00	\$10,500.00	\$9,000.00	
(2) Interoffice Transport Mileage							
-Fixed							
-All States	1L5XX	\$1,800.00	\$1,350.00	\$900.00	\$650.00	\$575.00	
-Per Mile							
-All States	1L5XX	\$425.00	\$300.00	\$260.00	\$240.00	\$200.00	
(3) Repeater -each	VU4	\$7,920.00	\$6,600.00	\$5,280.00	\$3,840.00	\$3,280.00	
(4) Diversity Options							
Local Channel Diversity							
-Per Channel Terminating Bit Rate 10 Gbps							
-All States	CPALX	\$3,938.00	\$3,038.00	\$2,700.00	\$2,250.00	\$2,025.00	\$850.00
Inter Wire Center Diversity							
-Per Channel Terminating Bit Rate 10 Gbps							
-All States	CPATX	\$2,625.00	\$2,025.00	\$1,800.00	\$1,500.00	\$1,350.00	\$700.00
Alternate Wire Center Diversity							
-Per Channel Terminating Bit Rate 10 Gbps							
-All States	CPAAX	\$6,300.00	\$4,860.00	\$4,320.00	\$3,600.00	\$3,240.00	\$950.00

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.14 Wavelength Metropolitan Area Network (WaveMANSM) (Cont'd)(1) Recurring Charges (Cont'd)(b) OC-192 (Cont'd)

	USOC	Monthly Extension	12 Mo.	Term Pricing Plan			NRC
				24 Mo.	36 Mo.	60 Mo.	
(5) Protection - per WaveMAN SM service arranged							
-Equipment Only Protection, per terminating end	CPAEX	\$9,000.00	\$8,250.00	\$7,350.00	\$6,300.00	\$5,400.00	\$3,000.00
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	\$14,760.00	\$12,300.00	\$11,040.00	\$9,600.00	\$8,400.00	\$4,500.00
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	\$13,140.00	\$10,950.00	\$9,900.00	\$8,550.00	\$7,350.00	\$4,200.00
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	\$1,425.00	\$1,125.00	\$600.00	\$450.00	\$300.00	\$625.00
-Power Protection ⁽¹⁾	VBBGX	\$700.00	\$625.00	\$525.00	\$480.00	\$435.00	\$475.00
(6) -Collocation Transport facilities between Collocation Arrangements							
-Fixed	1H48S	\$9,600.00	\$6,700.00	\$4,800.00	\$4,200.00	\$3,800.00	
-Per Mile	1H48S	\$425.00	\$300.00	\$260.00	\$240.00	\$200.00	

⁽¹⁾ Power Protection rate elements are applicable, as set forth in 16.1(J)(3)(d), preceding.

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(N)

ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.14 Wavelength Metropolitan Area Network (WaveMANSM)
(Cont'd)(2) Installation and Rearrangement Charges(a) OC-48

	USOC	Nonrecurring Charges ⁽¹⁾
(1) Administrative Charge per Order	ORCMX	\$60.00
(2) Design Central Office Connection Charge per circuit	NRMCK	\$600.00
(3) Customer Connection Charge per Termination	NRBBL	\$1,500.00

(b) OC-192

	USOC	Nonrecurring Charges ⁽¹⁾
(1) Administrative Charge per Order	ORCMX	\$60.00
(2) Design Central Office Connection Charge per circuit	NRMCK	\$600.00
(3) Customer Connection Charge per Termination	NRBBL	\$1,500.00

- ⁽¹⁾ The installation Non-recurring charges will be waived for customers purchasing a new 36-or 60-month term pricing plan. This waiver does not include moves and upgrades of service.

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.15 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®)(A) Recurring Charges(1) LAN-PHY

		Term Pricing Plan					
	USOC	Monthly Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	NRC
(a) Local Distribution Channel							
-Per Point of Termination Terminating Bit Rate 10 Gbps	TMECS	\$18,000.00	\$15,000.00	\$12,000.00	\$8,500.00	\$7,250.00	N/A
(b) Interoffice Transport Mileage							
-Fixed	1L5XX	3,600.00	2,700.00	1,800.00	1,275.00	1,150.00	N/A
-Per Mile 10 Gbps	1L5XX	425.00	300.00	250.00	125.00	100.00	N/A
(c) Repeater -each	VU4	7,200.00	6,000.00	4,800.00	3,400.00	2,900.00	N/A
(d) Diversity Options							
Local Channel Diversity -Per Channel Terminating Bit Rate 10 Gbps	CPALX	3,938.00	3,038.00	2,700.00	2,250.00	2,025.00	850.00
Inter Wire Center Diversity -Per Channel Terminating Bit Rate 10 Gbps	CPATX	2,625.00	2,025.00	1,800.00	1,500.00	1,350.00	700.00
Alternate Wire Center Diversity -Per Channel Terminating Bit Rate 10 Gbps	CPAAX	6,300.00	4,860.00	4,320.00	3,600.00	3,240.00	950.00

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.15 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®)
(Cont'd)(A) Recurring Charges (Cont'd)(1) LAN-PHY (Cont'd)

	USOC	Monthly Extension	12 Mo.	Term Pricing Plan			NRC
				24 Mo.	36 Mo.	60 Mo.	
(e) Protection - per DecaMAN® Service arranged							
-Equipment Only Protection, per terminating end	CPAEX	9,000.00	8,250.00	7,350.00	6,300.00	5,400.00	3,000.00
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	14,760.00	12,300.00	11,040.00	9,600.00	8,400.00	4,500.00
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	13,140.00	10,950.00	9,900.00	8,550.00	7,350.00	4,200.00
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	1,425.00	1,125.00	600.00	450.00	300.00	625.00
-Power Protection ⁽¹⁾	VBBGX	700.00	625.00	525.00	480.00	435.00	475.00

⁽¹⁾ Power Protection rate elements are applicable, as set forth in 25(3)(J)(d).

(N)

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.15 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®)
(Cont'd)(A) Recurring Charges (Cont'd)(2) WAN-PHY

		Term Pricing Plan					
	USOC	Monthly Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	NRC
(a) Local Distribution Channel							
-Per Point of Termination Terminating Bit Rate 10 Gbps	TMECS	\$19,800.00	\$16,500.00	\$13,200.00	\$9,600.00	\$8,200.00	N/A
(b) Interoffice Transport Mileage							
-Fixed	1L5XX	3,600.00	2,700.00	1,800.00	1,275.00	1,150.00	N/A
-Per Mile 10 Gbps	1L5XX	425.00	300.00	250.00	125.00	100.00	N/A
(c) Repeater -each	VU4	7,200.00	6,000.00	4,800.00	3,400.00	2,900.00	N/A
(d) Diversity Options							
Local Channel Diversity -Per Channel Terminating Bit Rate 10 Gbps	CPALX	3,938.00	3,038.00	2,700.00	2,250.00	2,025.00	850.00
Inter Wire Center Diversity -Per Channel Terminating Bit Rate 10 Gbps	CPATX	2,625.00	2,025.00	1,800.00	1,500.00	1,350.00	700.00
Alternate Wire Center Diversity -Per Channel Terminating Bit Rate 10 Gbps	CPAAX	6,300.00	4,860.00	4,320.00	3,600.00	3,240.00	950.00

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Services (Cont'd)

(N)

22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.15 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®)
(Cont'd)(A) Recurring Charges (Cont'd)(2) WAN-PHY (Cont'd)

	USOC	Monthly Extension	12 Mo.	Term Pricing Plan			NRC
				24 Mo.	36 Mo.	60 Mo.	
(e) Protection per DecaMAN® service arranged							
-Equipment Only Protection, per terminating end	CPAEX	9,000.00	8,250.00	7,350.00	6,300.00	5,400.00	3,000.00
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	14,760.00	12,300.00	11,040.00	9,600.00	8,400.00	4,500.00
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	13,140.00	10,950.00	9,900.00	8,550.00	7,350.00	4,200.00
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	1,425.00	1,125.00	600.00	450.00	300.00	625.00
-Power Protection ⁽¹⁾	VBBGX	700.00	625.00	525.00	480.00	435.00	475.00

⁽¹⁾ Power Protection rate elements are applicable, as set forth in 25(3)(J)(d).

(N)

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22. Metropolitan Statistical Area Access Services (Cont'd)22.5 Rates and Charges (Cont'd)22.5.2 Special Access Service (Cont'd)22.5.2.15 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®)
(Cont'd)(B) Installation and Rearrangement Charges(1) LAN-PHY

		<u>Nonrecurring Charge⁽¹⁾</u>
	USOC	
(a) Administrative Charge per Order	ORCMX	\$60.00
(b) Design Central Office Connection Charge per circuit	NRMCK	\$600.00
(c) Customer Connection Charge per Termination	NRBBL	\$1,400.00

(2) WAN PHY

		<u>Nonrecurring Charge⁽¹⁾</u>
	USOC	
(a) Administrative Charge per Order	ORCMX	\$60.00
(b) Design Central Office Connection Charge per circuit	NRMCK	\$600.00
(c) Customer Connection Charge per Termination	NRBBL	\$1,400.00

⁽¹⁾ The Installation and Rearrangement Non-recurring Charges will be waived for Customers purchasing a 36 or 60 month term pricing plan.

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ACCESS SERVICE

22. Metropolitan Statistical Area Access Service (Cont'd)

(N)

22.6 Nevada Bell Wire Center Information22.6.1 MSAs with Limited Service Relief

State	Wire Center CLLI	MSA Name
NB	EMPRNV11	RENO
NB	INVGNV11	RENO
NB	LCWDNV11	RENO
NB	RENONV02	RENO
NB	RENONV12	RENO
NB	RENONV13	RENO
NB	RENONV14	RENO
NB	RENONV15	RENO
NB	SNVYNV11	RENO
NB	SPRKNV11	RENO
NB	SPRKNV12	RENO
NB	STEDNV11	RENO
NB	VERDNV11	RENO
NB	WASONV11	RENO

(N)

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ACCESS SERVICE

23. Pricing Flexibility Contract Offerings

(N)

23.1 Contract Offer No. 1 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer23.1.1 General Description

Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Contract Offer No. 1) is an access discount plan that provides Customers with Incentive Discounts and Portability Incentives (as defined in Section 23.1.4) in accordance with the terms and conditions as set forth in this Section 23.1.3.

23.1.2 Services Available For WAMS-VIP Offer

- (A) Contract Offer No. 1 applies to qualified access services contained in Nevada Bell Telephone Company Tariff F.C.C. No. 1 (Qualified Access Services), listed in Table A below:

Table A

Service	General Basic Description	Rates and Charges	
High Capacity Service	7.11.1	7.11.5	22.5.2.5
Broadband Circuit Service (BCS)	20.1	20.2	22.5.2.9
Optical Carrier Network (OCN) Point-to-Point Service	21.1	21.3	22.5.2.10
Gigabit Ethernet Metropolitan Area Network (GigaMAN)	7.13.1	7.13.3	22.5.2.7
Multi-service Optical Network (MON) Ring Service	8.1	8.4	22.5.2.8

- (B) When additional Qualified Access Services are added to the services available under F.C.C. No. 1, all billed, recurring revenues for such additional Qualified Access Services will be added to this Contract Offer No. 1 for the purposes of calculating the Incentive Discounts and Portability Incentives included in this Contract Offer No. 1.

(N)

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ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.2 Services Available Under WAMS-VIP Offer (Cont'd)

- (C) All terms and conditions for the Qualified Access Services are governed by the respective tariff sections, except as noted in this Contract Offer No. 1.

23.1.3 WAMS-VIP Offer Terms and Conditions

The following terms and conditions apply to Contract Offer No. 1:

(A) Eligibility Criteria

- (1) The Qualified Access Services must be located within the "Operating Territory" of the Telephone Company, as described in F.C.C. No. 1, Section 17 (Operating Territory);
- (2) Incentive Discounts earned by the Customer under Contract Offer No. 1 shall be applied in the form of a credit to the Customer's bill(s) for Qualified Access Services, located in the following MSA(s) where Telephone Company has been granted pricing flexibility: Reno, Nevada; and
- (3) All traffic on the Qualified Access Service(s) must originate or terminate on a wireless carrier's network.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.3 WAMS-VIP Offer Terms and Conditions (Cont'd)(B) Terms and Conditions

- (1) Revenue commitments are based on billed, recurring charges for the Qualified Access Services and specifically exclude any non-recurring charges and Incentive Discounts earned under this Contract Offer No. 1;
- (2) Customer must maintain a Baseline Minimum Annual Revenue Commitment of \$1,176,000 (Baseline MARC) for Qualified Access Services;
- (3) Contract Offer No. 1 Incentive Discounts and Portability Incentives are in addition to, and do not alter, any of the existing service discount/term plans available in the Telephone Company's respective tariffs;
- (4) The Telephone Company reserves the right to change rates for Qualified Access Services included under Contract Offer No. 1. In the event such rate modifications are made no change will be made to the Baseline MARC;
- (5) Qualified Access Services are subject to certain rates, charges and general terms and conditions in other sections of F.C.C. Tariff No. 1 (Sections 2-General Regulations, 5-Ordering Options for Switched & Special Access Service, and 13-Additional Engineering, Additional Labor & Miscellaneous Services) and such terms and conditions may be modified through the filing of tariff changes at any time during the Term Period. Such tariff modifications will not change the terms and conditions described in Contract Offer No. 1;
- (6) This Contract Offer No. 1 is available October 9, 2004 through November 9, 2004;

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.3 WAMS-VIP Offer Terms and Conditions (Cont'd)(B) Terms and Conditions (Cont'd)

(7) The Customer must meet the criteria described for Incentive Discounts and Portability Incentives, as provided in Section 23.1.4; and

(8) To subscribe to Contract Offer No. 1, the Customer must submit a Letter of Subscription (LOS) to the Telephone Company. The LOS shall contain the effective date ("Effective Date") and the Access Customer's Name Abbreviation(s) (ACNA) and must be signed by the Customer and the Telephone Company's representative.

(C) Term Period

The contract term (Term Period) is eighty-four (84) months commencing on the Effective Date. Each twelve (12) month period beginning with the Effective Date shall be a Term Year. At the end of the Term Period, the Incentive Discounts and Portability Incentives provided in this Contract Offer No. 1 shall be discontinued. This offer is not renewable.

(N)

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ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.4 WAMS-VIP Offer Incentive Discounts

Customer will be eligible for the following Incentive Discounts and/or Portability Incentives (collectively "Incentives") under Contract Offer No. 1 during each of the Term Years:

Incentive Discount Commitment Credit (IDCC),
Incentive Discount for WinBack Services (WinBack Incentive), and
Portability Incentive for DS3s (Portability Incentive).

(A) Incentive Discount Commitment

In order to qualify for the IDCC and Portability Incentives, Customer must maintain the "Incentive Discount Commitment" (IDC):

(1) Establishment of the IDC

- (a) For Term Year one (1) the Customer's IDC will equal the Baseline MARC.
- (b) Unless and until Customer elects to increase the IDC, as provided in Section 23.1.4(A)(1)(c), the IDC during Term Years two (2) through seven (7) shall remain the Baseline MARC.
- (c) Customer may elect, by providing written notice to Telephone Company, to increase the IDC. Customer shall notify the Telephone Company of the new IDC Level, as provided in Table B in Section 23.1.4(B). The Customer may increase the IDC Level only; the IDC Level may not be decreased. An IDC Level may be increased effective at the beginning of each Term Year, after the first Term Year, and after the first six (6) months of each Term Year (New IDC Date). Each time Customer chooses a new IDC Level, the corresponding IDC and IDCC shall apply as of the New IDC Date and for the remainder of the Term Period, unless Customer further increases the IDC as provided in this section.

(2) Application of Incentive Discount Commitment

If during the Annual True-Up, as defined in Section 23.1.5(A), the Customer's Achieved Revenue Amount meets or exceeds the IDC, the Telephone Company will apply the IDCC and Portability Incentives for the following Term Year, provided the criteria in Section 23.1.4(B) and (E) respectively, are met. During the first Term Year, the Telephone Company will apply the IDCC based upon IDC Level 1.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.1 Contract Offer No. 1 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.4 WAMS-VIP Offer Incentive Discounts (Cont'd)(A) Incentive Discount Commitment (Cont'd)(2) Application of Incentive Discount Commitment (Cont'd)

Example: After Term Year one (1), the Customer's Achieved Revenue Amount, determined by the Annual True-Up, equals \$1,900,000 and the IDC is \$1,176,000. Since the Achieved Revenue Amount exceeds the IDC and the Customer has not provided notice to increase the IDC to a new IDC Level, the Telephone Company would apply the IDCC, and Portability Incentives in Term Year two (2), based on the Customer's IDC of \$1,176,000.

- (3) Notwithstanding the above, Incentives shall not be applied unless and until the Customer is current in paying (or properly disputing) all invoices submitted for payment by the Telephone Company for billed, recurring revenue for Qualified Access Services in accordance with F.C.C. No. 1, Section 2.

(B) Incentive Discount Commitment Credit for Qualified Access Services

For each Term Year, the Customer will be eligible for an "Incentive Discount Commitment Credit" (IDCC) according to Table B, per sub-section (1) below.

Table B

IDC Level	IDC	IDCC
1	\$ 1,176,000	\$ 105,840
2	\$ 1,296,000	\$ 129,600
3	\$ 1,416,000	\$ 169,920
4	\$ 1,536,000	\$ 215,040
5	\$ 1,656,000	\$ 248,400
6	\$ 1,776,000	\$ 301,920
7	\$ 1,896,000	\$ 379,200

(N)

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ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.4 WAMS-VIP Offer Incentive Discounts (Cont'd)(B) Incentive Discount Commitment Credit for Qualified Access Services (Cont'd)(1) Application of Incentive Discount Commitment Credit

- (a) The Telephone Company will apply the IDCC to the Customer's bill(s) for Qualified Access Services in those Term Years for which the Customer qualifies for the IDCC per Section 23.1.4(A), as follows: One-quarter of the IDCC will be applied thirty (30) days in arrears from the end of the first, second, third and fourth quarters of the Term Year, based on the IDCC determined under Section 23.1.4(B)(1)(b) and 23.1.4(B)(1)(c) below.
- (b) The IDCC applied during the four (4) quarters of Term Year one (1) shall be based upon IDC-Level 1.
- (c) The IDCC applied during the four (4) quarters for Term Years two (2) through seven (7) will be based upon the IDC-Level determined using the IDC established in Section 23.1.4(A).

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.1 Contract Offer No. 1 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.4 WAMS-VIP Offer Incentive Discounts (Cont'd)(C) Incentive Discount for WinBack Services

If the Customer elects to obtain Qualified Access Service(s) located in MSAs where the Telephone Company has been granted pricing flexibility within the Operating Territory, in place of access service(s) that is provided by a carrier other than the Telephone Company or one of its affiliates, the Customer will receive a one-time credit equal to twenty percent (20%) of the first twelve (12) months billed, recurring revenue for that new Qualified Access Service (WinBack Incentive).

This WinBack Incentive credit will be applied in addition to the Incentives described in Sections 23.1.4(B) and (D).

(1) Eligibility Criteria for WinBack Incentive

- (a) The Customer must present reasonable and verifiable information, which includes but is not limited to circuit detail or coordinated move orders, to demonstrate the service being converted is currently being provided by a carrier other than the Telephone Company or its affiliates; and
- (b) The new Qualified Access Service(s) ordered must have a minimum term period of twelve (12) months for DS1 and DS3 orders and thirty-six (36) months for SONET services.

(N)

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.4 WAMS-VIP Offer Incentive Discounts (Cont'd)(C) Incentive Discount for WinBack Services (Cont'd)(2) Application of WinBack Incentive

(a) The Telephone Company will apply the credit to the Customer's bill(s) for Qualified Access Services that follows the end of the initial twelve (12) month period, thirty (30) days in arrears, as follows:

(i) When the Telephone Company and Customer have identified the start date for the term period of the WinBack Qualified Access Service in a authorization letter, the initial twelve (12) month period will be the twelve (12) month period commencing on that start date; or,

(ii) When the start date for the term period of the WinBack Qualified Access Service is established by the completion of an access service order, the initial twelve (12) month period will be the twelve (12) month period commencing on the day the access service order is completed.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.4 WAMS-VIP Offer Incentive Discounts (Cont'd)(D) DS3 Portability Incentive

The Portability Incentive waives termination liability charges that would otherwise be assessed to the Customer for moves of DS3 Qualified Access Services.

This Portability Incentive is in addition to the Incentives described in Sections 23.1.4(B) and (C).

(1) Eligibility Criteria for DS3 Portability Incentive

The following criteria must be met in order to receive the Portability Incentive:

- (a) Customer's DS3s must meet the Minimum Period requirements, as established under F.C.C. No. 1, Section 7.2.4 at the previous location;
- (b) The term period of the new circuit must be equal to, or greater than, the remaining term of the disconnected circuit; and
- (c) The disconnect service and new service must be within the Operating Territory.

(2) Semi-Annual Review of Disconnect Access Service Orders

If Customer qualified for the Portability Incentive as set forth in Section 23.1.4(A) but cumulative "disconnect" access service orders exceeded "add" access service orders during the Term Year, as measured on a semi-annual basis, the Customer will be assessed termination liability charges on the sum difference between the cumulative disconnect and add access service orders.

(N)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.1 Contract Offer No. 1 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.5 WAMS-VIP Annual True-Up

(A) An annual true-up calculation is performed after each Term Year ("Annual True-Up") to establish whether:

- (1) Customer maintained the Baseline MARC during that Term Year; and
- (2) Customer met or exceeded the IDC.

For the purposes of the Annual True-Up calculations, the Customer's billed, recurring revenue for Qualified Access Services during the Term Year will constitute the Customer's "Achieved Revenue Amount."

(B) Annual True-Up Calculations

(1) Baseline MARC Annual True-Up:

The Telephone Company will determine whether the Customer's Achieved Revenue Amount meets, exceeds or falls below the Baseline MARC.

(a) If Customer's Achieved Revenue Amount falls below the Baseline MARC, the Customer may pay the difference between the Baseline MARC and the Achieved Revenue Amount (Shortfall Payment).

- (i) The Telephone Company will notify the Customer within thirty (30) days of the end of the Term Year of any Shortfall Payment.
- (ii) Customer must make the Shortfall Payment within thirty (30) days after receiving notification from the Telephone Company.
- (iii) The following Term Year's IDC and IDCC will be determined as set forth in Section 23.1.4(A) and (B).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.5 WAMS-VIP Annual True-Up (Cont'd)(B) Annual True-Up Calculations (Cont'd)(1) Baseline MARC Annual True-Up: (Cont'd)Example of Baseline MARC Annual True-Up:

If Customer's Achieved Revenue Amount in Term Year 5 is \$1,000,000, the Baseline MARC of \$1,176,000 has not been met. Customer may choose to pay the difference of \$176,000 (1,176,000 - 1,000,000), in order to avoid termination liability charges.

(b) If Customer's Achieved Revenue Amount falls below the Baseline MARC for any given Term Year, and the Customer does not make the Shortfall Payment, this Contract Offer Subscription shall terminate and termination liability charges will apply, as described in Section 23.1.8(A).

(N)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.5 WAMS-VIP Annual True-Up (Cont'd)(B) The Annual True-Up Calculation (Cont'd)(2) IDCC Annual True-Up:

The Telephone Company will determine whether the Customer's Achieved Revenue Amount meets, exceeds or falls below the IDC.

(a) If the Customer's Achieved Revenue Amount meets or exceeds the IDC, the Telephone Company will determine the IDCC for the following Term Year and the quarterly credits, for that following Term Year, will be applied as set forth in Section 23.1.4(B)(1).

(b) If the Customer's Achieved Revenue Amount falls below the IDC, the Customer may pay the difference between the Achieved Revenue Amount and the IDC ("Make-Up Payment") to be eligible for IDCC for the following Term Year as detailed below.

(i) The Telephone Company shall notify the Customer within thirty (30) days of the end of the Term Year of any Make-Up Payment.

(ii) Customer must pay the Make-Up Payment within thirty (30) days after receiving said notification from the Telephone Company.

(iii) The following Term Year's IDCC will be determined as set forth in Section 23.1.4(B).

(iv) If the Customer chooses not to make the Make-Up Payment, no IDCC payments will be made to the Customer for the following Term Year.

Example of IDCC Annual True-Up:

If the Achieved Revenue Amount for Term Year 3 is \$1,500,000 and the IDC is \$1,296,000 the Earned IDCC for Term Year 4 would be \$129,600, unless the Customer increased the applicable IDC as provided in Section 23.1.4(A).

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.1 Contract Offer No. 1 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.6 WAMS-VIP Offer Merger/Acquisitions(A) Assignment/Successors

- (1) If the Customer wishes to assign or transfer its rights and obligations under Contract Offer No. 1 ("Contract Offer Subscription"), the Telephone Company will permit such transfer or assignment if the criteria in F.C.C. No. 1 Sections 2.1.2 are fulfilled, unless the proposed assignee or transferee demonstrates a lack of credit worthiness under any of the criteria in (a), (b) or (c) below, or if the assignee or transferee or its parent, has commenced or had initiated against it a voluntary receivership or bankruptcy proceeding.
 - (a) Any debt of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than 50% of the equity of the proposed assignee or transferee) are rated below investment grade as defined by the Securities and Exchange Commission or;
 - (b) If any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by a rating organization for a possible downgrade or;
 - (c) The proposed assignee or transferee does not have any outstanding securities rated by credit rating agencies (e.g., Standard and Poor's) but does have a Dun and Bradstreet rating and the proposed assignee or transferee is rated:
 - (i) Fair or below in a composite credit appraisal published by Dun and Bradstreet or;
 - (ii) High risk in a Paydex score as published

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.1 Contract Offer No. 1 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.6 WAMS-VIP Offer Merger/Acquisitions (Cont'd)(A) Assignment/Successors (Cont'd)

- (2) The terms and conditions of the Contract Offer No. 1 shall continue in full force and effect if the Customer merges with, acquires, is acquired by, or sells all or substantially all its stock or assets to any other entity (Transfer). After a Transfer, if the other entity also purchases Qualified Access Service(s) from the Telephone Company, either directly or through any affiliates, the Customer shall not include under the Contract Offer Subscription any of the billed, recurring revenue for the Qualified Access Services of the other entity in place as of the date the Transfer is finalized (Transfer Date), except as may be provided below.

Notwithstanding the foregoing, the Customer may choose, at its discretion, one of the options set forth in subsections (i)-(iii) below (Options), within the time period that is between twelve (12) months and twenty-four (24) months after the Transfer Date.

To exercise an Option, the Customer must send written notice to the Telephone Company within the time period described above stating which Option the Customer selects. The date that the Customer sends that written notice shall be the "Option Exercise Date". None of the Options shall alter in any way the terms or conditions of any contract or tariff pursuant to which the other entity obtains Qualified Access Services from the Telephone Company, including but not limited to any terms or conditions related to termination.

Option (i): The Customer and Telephone Company shall recalculate the Baseline MARC, IDC and IDCCs (Key Numbers) for the period from the Option Exercise Date to the end of the Term Period, to allow for the combined billed, recurring revenues for Qualified Access Services of the Customer and the merged or acquiring company to be covered under the Contract Offer Subscription, provided the following conditions are met:

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.6 WAMS-VIP Offer Mergers/Acquisitions (Cont'd)(A) Assignment/Successors (Cont'd)

(2) (Cont'd)

Option (i): (Cont'd)

(a) One hundred percent (100%) of the total combined billed, recurring revenues for Qualified Access Services of Customer and the other entity must be included in the Contract Offer Subscription;

(b) The Baseline MARC will be adjusted according to the following formula:

The Baseline MARC will be equal to one hundred percent (100%) of the other entity's billed, recurring revenues for Qualified Access Services for the three (3) months immediately preceding the Option Exercise Date multiplied by four (4) plus 1,176,000. This shall be the "Combined Baseline MARC";

(c) The IDC for the remainder of the then-current Term Year will be adjusted according to the following formula:

The IDC will be equal to one hundred percent (100%) of the other entity's actual billed recurring Qualified Access Services revenues for the three months immediately preceding the Option Exercise Date multiplied by four (4) plus the Customer's current IDC. This shall be the "Combined IDC";

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.1 Contract Offer No. 1 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.6 WAMS-VIP Offer Mergers/Acquisitions (Cont'd)(A) Assignment/Successors (Cont'd)Option (i): (Cont'd)

- (d) The IDC will be adjusted according to the following formula:

The Option 1 multiplier ("Option 1 Multiplier"), which equals the ratio of the Combined IDC to the Customer's current IDC, will be applied to the IDCCs associated with the IDC Levels that are available to the Customer, as defined in Section 23.1.4.

Example:

IDC = \$1,416,000

Current IDCC Level = 3

New Entity Revenue = \$1,000,000

Combined IDC = \$2,416,000

(\$1,416,000 plus \$1,000,000)

Option 1 Multiplier = 1.71

(\$2,416,000/\$1,416,000)

- (e) The IDCCs amounts will be adjusted according to the following formula:

The Option 1 Multiplier will be applied to the IDCC associated with the IDCC Levels which remain available to the Customer in order to determine the Combined IDCC.

Example:

IDC = \$1,416,000

Current IDC-Level = 3

IDCC = \$169,920

New Entity Revenue = \$1,000,000

Combined IDC = \$2,416,000

(\$1,416,000 plus \$1,000,000)

Option 1 Multiplier = 1.71

(1,416,000/\$1,000,000)

Combined IDCC = \$290,563

(\$169,920 multiplied by 1.71)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.6 WAMS-VIP Offer Mergers/Acquisitions (Cont'd)(A) Assignment/Successors (Cont'd)

(2) (Cont'd)

Option (i): (Cont'd)

(f) The Customer must have at least forty-eight (48) months remaining in the Term Period under the Contract Offer Subscription or, if less than forty-eight (48) months are remaining in the Term Period under the Contract Offer Subscription, the Term Period shall be automatically extended so that the terms and conditions of the Contract Offer No. 1 remain in effect for forty-eight (48) months after the Option Exercise Date; and

(g) The Telephone Company will recalculate the Key Numbers within sixty (60) days of the Option Exercise Date with no credits being applied to the Customer's bill(s) during this sixty (60) day period. Starting with the remaining quarters, the combined Key Numbers will be used to determine applicable IDCC amounts.

(1) If the Option Exercise Date falls within the 1st, 2nd or 3rd quarter of the respective Term Year, the initial credit application of any eligible Combined IDCC will occur thirty (30) days after the Key Numbers are determined or thirty (30) days in arrears of the end of the quarter, whichever is later; or

(2) If the Option Exercise Date falls within the fourth quarter of the respective Term Year, the initial credit application of any eligible Combined IDCC will occur thirty (30) days after the Key Numbers are determined or sixty (60) days in arrears of the end of the quarter, whichever is later.

Option (ii): The Customer and Telephone Company shall endeavor to negotiate new Key Numbers for the period from the Option Exercise Date to the end of the Term Period, to allow for the combination of the billed, recurring revenues for Qualified Access Services of the Customer and the merged or acquiring company to be covered under this Contract Offer Subscription provided the following conditions are met:

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.6 WAMS-VIP Offer Mergers/Acquisitions (Cont'd)(A) Assignment/Successors (Cont'd)

(2) (Cont'd)

Option (ii): (Cont'd)

- (a) The Customer and Telephone Company shall each identify a team (composed of business and network subject matter experts) which shall negotiate new Key Numbers in good faith;
- (b) If these discussions do not result in mutual agreement on new Key Numbers within sixty (60) days of the date of the Option Exercise Date, either Customer or Telephone Company may provide written notice to the other requesting that each party appoint a knowledgeable, responsible representative(s) to meet and negotiate in good faith to agree upon new Key Numbers. The Customer and Telephone Company intend that these negotiations be conducted by non-lawyer, business representatives. The location, form, frequency, duration and conclusion of these discussions shall be left to the discretion of the representatives;
- (c) The Customer and Telephone Company shall endeavor to reach agreement upon the new Key Numbers within one hundred twenty (120) days of the Option Exercise Date; and
- (d) If the Customer and Telephone Company cannot mutually agree upon new Key Numbers within timelines outlined above, and the Customer does not wish to continue according to the rates terms and conditions of this Contract Offer Subscription, the Customer may terminate the Contract Offer Subscription by giving thirty (30) days written notice to the Telephone Company. Upon such termination, the Telephone Company shall bill the Customer, and the Customer shall pay to the Telephone Company, termination liability charges as described below:

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.6 WAMS-VIP Offer Mergers/Acquisitions (Cont'd)(A) Assignment/Successors (Cont'd)

(2) (Cont'd)

Option (ii): (Cont'd)

(d)(Cont'd)

(a) For termination that occurs between twelve (12) and twenty-four (24) months after the effective Date, eighty percent (80%) of all IDCC provided to the Customer pursuant to this Contract Offer No. 1; or

(b) For termination that occurs after the first twenty-four (24) months after the Effective Date, fifty percent (50%) of all IDCC provided to the Customer pursuant to this Contract Offer No. 1.

Option (iii): The Contract Offer Subscription shall be terminated as set forth in Section 23.1.8(A).

(N)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.6 WAMS-VIP Offer Mergers/Acquisitions (Cont'd)(B) Sale of Markets

If Customer is required by a regulatory agency to divest any markets, market spectrum or customers ("Divested Market") in connection with a Transfer, the Customer can request that Key Numbers be recalculated by the Telephone Company. The Customer must send written notice to the Telephone Company within sixty (60) days of completing a market divestiture. The date the Customer sends that written notice shall be the "Divestiture Notice Date". The Telephone Company will recalculate the Key Numbers as described below:

- (1) The Baseline MARC, IDC and IDCC amounts will be reduced by either of the following methods, at the Customer's discretion ("Divested Revenue"):
 - (a) One hundred percent (100%) of the Divested Market's billed, recurring revenues for Qualified Access Services for the three (3) months immediately preceding the notification multiplied by four (4); or
 - (b) A revenue amount that is less than the amount determined under subparagraph (a) above.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.6 WAMS-VIP Offer Mergers/Acquisitions (Cont'd)(B) Sale of Markets(Cont'd)

(2)The IDCCs will be reduced according to the following steps:

Step 1.

Determine the impact on total revenue by calculating the "Divestiture Percentage". The Divestiture Percentage is the percent change between the Pre-Divest and Post-Divest revenues. The "Pre-Divest Revenue" equals 100% of the Customer's billed, recurring revenues for Qualified Access Services for the three (3) months immediately preceding the Divestiture Notice Date multiplied by four (4) or the Baseline MARC, whichever is greater. The "Post-Divest Revenue" equals Pre-Divest Revenue minus the Divested Revenue from (B)(1).

Example:

Pre-Divest Revenue = \$1,700,000
Divested Revenue = \$ 100,000
Post-Divest Revenue = \$1,600,000
(\$1,700,000 - \$100,000)

Divestiture Percentage = 6%
(1-(\$1,600,000/\$1,700,000))

(N)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.6 WAMS-VIP Offer Mergers/Acquisitions (Cont'd)(B) Sale of Markets (Cont'd)

(2)(Cont'd)

Step 2.

The Divestiture Percentage will equal the percent reduction in the IDCs and IDCCs which remain available to the Customer.

Example:

IDCC-Level equals 5

Divestiture % = 6%

Reduced IDC = \$1,598,000
(\$1,700,000 - (\$1,700,000 X .06))

Reduced IDCC = \$233,496
(\$248,400 - (\$248,400 X .06))

(3) The Telephone Company will recalculate the Key Numbers within sixty (60) days of the Divestiture Notice Date. The recalculated Key Numbers will become effective once the Divested Market's billed, recurring revenues for Qualified Access Service are no longer being billed to the Customer ("Divestiture Effective Date"). Starting with the remaining quarters of the Term Year as of the Divestiture Effective Date, the recalculated Key Numbers will be used to determine the applicable IDCC.

(a) If the Divestiture Effective Date falls within the 1st, 2nd or 3rd quarter of the respective Term Year, the initial credit application of any eligible Reduced IDCC will occur thirty (30) days after the Key Numbers are effective or thirty (30) days in arrears of the end of the quarter, whichever is later; or,

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(N)

(N)

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.6 WAMS-VIP Offer Mergers/Acquisitions (Cont'd)(B) Sale of Markets (Cont'd)

(3) (Cont'd)

- (b) If the Divestiture Effective Date falls within the fourth quarter of the respective Term Year, the initial credit application of any eligible reduced IDCC will occur thirty (30) days after the Key Numbers are determined or sixty (60) days in arrears of the end of the quarter, whichever is later.

23.1.7. WAMS-VIP Cell-Site Performance - Credits(A) Description

Cell-Site Performance Improvement Credits are available to the Customer based upon the quality of service delivered during the Term Period, as set forth in subparagraph (2) below. The credits will be granted in the event that the Telephone Company's Contract Offer No. 1 service performance level objectives for cell-site DS1 Qualified Access Services are not met.

- (1) The DS1 Qualified Access Services cell-site performance level parameters will be based on DS1 Percentage of Network Availability. The DS1 Percent of Network Availability will be calculated by determining the actual hours that the cell-site DS1 circuits are in service during a given month compared to the total expected availability, and then aggregating those total hours over the course of a Term Year.

Example:

If a Customer had 100 circuits in service at the end of January and 110 at the end of February, their total hours of expected availability would be (31 days times 100 circuits, times 24 hours) plus (28 days, times 110 circuits, times 24 hours) or 148,320. This would be the denominator of the network availability equation.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.7 WAMS-VIP Cell-Site Performance - Credits (Cont'd)(A) Description (Cont'd)(1) Example: (Cont'd)

The numerator would be the total hours of outage based upon measured tickets reported to the Telephone Company subtracted from the 148,320. If there were eight (8) reported failures averaging 3.5 hours per outage, the total hours of outage would be equal to twenty-eight (28). The resulting availability equation for those two (2) months will be $((148,320 - 28) / 148,320)$ or 99.981%. A twelve (12) month aggregation using the same process as noted for two (2) months will be used to determine annual percent availability for a Customer.

- (2) Table C below provides cell-site service performance targets, based on DS-1 Percentage of Network Availability, for each Term Year.

Table C

Term Year	% Network Availability
1	99.9800%
2	99.9840%
3	99.9877%
4	99.9900%
5	99.9900%
6	99.9900%
7	99.9900%

- (B) At the Annual True-Up, if the Telephone Company annual results fail to meet the performance target, as specified in Table D above, and the Customer has met the Baseline MARC, the Telephone Company will provide credits and services as follows:

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.7 WAMS-VIP Cell-Site Performance - Credits (Cont'd)

(B)(Cont'd)

- (1) The Telephone Company will apply one hundred dollars (\$100) in special construction credits for each measured trouble ticket reported to the Telephone Company during the Term Year for cell-site improvements. The special construction credits will be used to improve performance at mutually agreed upon Customer's cell sites that are performing below the DS-1 Percentage of Network Availability as specified in Table D above.

For example: special construction credits can be used to offset the cost of replacing copper with fiber at non-performing cell-sites; and,

- (2) The Telephone Company will provide Customer the ability to purchase Automatic Loop Transfer service at twenty-five percent (25%) discount off the monthly recurring rates described in F.C.C. No. 1, Section 31.5.2 for those cell sites that fail to meet the performance target, as specified in Table D above.

23.1.8 Termination

The Customer's subscription to this Contract Offer No. 1 shall terminate if Customer gives notice to Telephone Company, as set forth in the following paragraph, and as set forth in other sections of this Contract Offer No. 1.

The termination liability charges described below shall apply if termination occurs because the Customer does not make a Shortfall Payment as described in Section 23.1.5(B)(1) and/or the Customer elects to terminate its subscription to Contract Offer No. 1 for reasons other than described in Section 23.1.6(A)(4) option(ii) and/or 23.1.8(B).

If the Customer elects to terminate its Contract Offer Subscription during the Term Period, written notification must be provided to the Telephone Company indicating the Customer's intention to terminate its Contract Offer Subscription. This notification must include the date upon which the Customer wishes to terminate its Contract Offer Subscription.

(N)

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.8 Termination (Cont'd)(A) Termination Liability

Termination liability charges will consist of the sum of the following:

- (1) Ten percent (10%) of the Baseline MARC divided by twelve (12) then multiplied by the number of months remaining in the Term Period; plus
- (2) Repayment of the IDCC, given under Contract Offer No. 1 during the three (3) quarters preceding the termination date.

Example:

Customer with a Baseline MARC of \$1,176,000 and an IDC of \$1,416,000 terminates its Contract Offer Subscription after forty-eight (48) months and with thirty-six (36) months remaining in the eighty-four (84) month Term Period, and the Customer received IDCC \$127,440 for the previous three quarters before termination. The termination liability charges would be:

$((\$1,176,000/12) \times 10\% \times 36) + (\$127,440) = \$480,240$
termination liability charge.

(B) Rate Reductions

If the tariffed rates for the Qualified Access Services are reduced by a cumulative total of twenty percent (20%) from the tariffed rates in effect as of the Effective Date (Initial Tariff Rates), either party may terminate the Contract Offer Subscription by providing a sixty (60) day written notice to the other party. Termination liability charges will not apply.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.1.8 Termination (Cont'd)(B) Rate Reductions (Cont'd)

To determine whether the 20% rate reduction has been met or exceeded, the Telephone Company shall perform an analysis within sixty (60) days following the Effective Date that details the Customer's inventory of Qualified Access Services and the Initial Tariff Rates (Initial Rate Analysis.)

Example: DS1-Initial Rate Analysis

Product Category/ Description	State	Zone	Term	Rate	Units	Total
DS1 - Channel Termination (CT)	CA	2	36	\$25.00	4,000	\$100,000
DS1 - Channel Mileage (CM-Fixed)				\$21.00	1,600	\$33,600
DS1 - Channel Mileage (CM-Per Mile)				\$16.40	1,000	\$16,400
DS1 Total					6,600	\$150,000

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(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.1 Contract Offer No. 1 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)32.1.8 Termination (Cont'd)(B) Rate Reductions (Cont'd)

Telephone Company shall also perform a similar exercise within sixty (60) days following each Term Year detailing the Customer's inventory from the Initial Rate Analysis and the end-of-year tariff rates (EOY Rate Analysis). The Customer and Telephone Company will then compare the Initial Rate Analysis to the EOY Rate Analysis to identify the percent change in the total, cumulative rates, if any.

Example: Initial Rate Analysis and EOY Rate Analysis Comparison

Product Category	Units	Initial Tariff Rates	EOY Tariff Rates	% Rate Change
DS1	6600	\$150,000	\$122,000	
DS3	2000	\$ 90,000	\$ 70,000	
SONET	N/A	N/A	N/A	
Total	8600	\$240,000	\$192,000	20%

$$20\% = (1 - (\$192,000 / \$240,000))$$

The quantity of units for each product category used in the Initial Rate Analysis and the EOY Rate Analysis will be calculated from the Qualified Access Service rate elements listed below:

- (1) DS1 - Channel Terminations (CT), Channel Mileage (CM) fixed and Channel Mileage (CM) per mile;
- (2) DS3 - CT, CM fixed, CM per mile and Multiplexing (MUX); and
- (3) SONET - Not applicable.

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(N)

(N)

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23. Pricing Flexibility Contract Offerings23.2 Contract Offer No. 2 – Special Access Service Offer23.2.1 General Description

The Special Access Service Offer (Contract Offer No. 2) is an access discount pricing plan requiring subscription from Customers under the following Access Tariffs: Ameritech Operating Companies Tariff F.C.C. No 2., Southwestern Bell Telephone Company Tariff F.C.C. No. 73, The Southern New England Telephone Company Tariff F.C.C. No. 39, Pacific Bell Telephone Company Tariff F.C.C. No. 1. and Nevada Bell Telephone Company Tariff F.C.C. No. 1. The plan requires Customers to maintain a Minimum Annual Revenue Commitment (MARC) for five (5) years. Contract Offer No. 2 is available to any Customer with at least \$18.5 million in cumulative annual recurring revenue for qualified access services in the SBC Interstate Access Tariffs as identified above. The qualified access services for the Nevada Bell Telephone Company (NBTC) are listed in Section 23.2.3(B). The Customer must meet the Eligibility Criteria as described in Section 23.2.2 and the Terms and Conditions as described in Section 23.2.3.

The Customer must meet a Minimum Annual Revenue Commitment (MARC) for each year of the five (5) year term. In the event the Customer does not meet its MARC as of each anniversary date, the Customer will be required to remit a payment, via the Annual True-Up process described in Section 23.2.4(D), otherwise termination liability charges will apply. Contract Offer No. 2 will only be available November 17, 2004 through January 17, 2005.

23.2.2 Eligibility Criteria

The following Eligibility Criteria must be met in order to receive Contract Offer No. 2 discounts:

- (A) Contract Offer No. 2 is only available for services located in the following Metropolitan Statistical Areas (MSAs): Reno, NV

If the Telephone Company receives pricing flexibility relief in additional MSAs, the Customer will be able to use services and/or revenue from those areas to meet MARC commitments upon adjustment of the MARC for those incremental revenues as defined in Section 23.2.4.

- (B) The Customer cannot subscribe to this Contract Offer concurrently with SBC's MVP offering in Section 22.

- (C) The Customer must have a minimum of \$18.5 million in cumulative annual recurring revenue for Voice Grade(VG), Digital Data (DS0), High Capacity (DS1 and DS3), Optical Carrier Network (OCN) Point-to-Point (PTP), and Gigabit Ethernet Metropolitan Area Network (GigaMAN) Services from this Contract Offer and the Contract Offers listed in Section 23.2.3 (A).

(x)issued under Authority of Special Permission Authority No. 04-075 of F.C.C.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.2 Contract Offer No. 2 – Special Access Service Offer (Cont'd)23.2.2 Eligibility Criteria (Cont'd)

- (D) The Customer must maintain an Access Service Ratio, equal to or greater than 98%. The Access Service Ratio is defined in Section 23.2.3(H) and will be measured monthly.

23.2.3 Terms and Conditions(A) Concurrent Subscription

(Nx)

The Customer must concurrently subscribe to the parallel Contract Offers of Contract Offer No. 23 pursuant to the following tariffs:

- (1) Pacific Bell, Tariff F.C.C. No. 1, Section 33, Contract Offer No. 34.
- (2) Ameritech Tariff F.C.C. No. 2, Section 22, Contract Offer No. 43.
- (3) Southwestern Bell Tariff F.C.C. No. 73, Section 41, Contract Offer No. 31.
- (4) The Southern New England Telephone Company Tariff F.C.C. No. 39, Section 25, Contract Offer No. 6.

(B) Subject Services

(Nx)

Contract Offer No. 2 applies to pricing-flexibility-qualified access services (hereafter referred to as Subject Services) contained in the following tariff sections:

- (1) VG/DS0 Services - NBTC Tariff F.C.C. No. 1, Sections 7.7.6, 7.10.5 for Phase I MSAs, and Sections 22.5.2.1, 22.5.2.4 for Phase II MSAs;
- (2) DS1/DS3 Service - NBTC Tariff F.C.C. No. 1, Section 7.11.5.3 for Phase I MSAs and Section 22.5.2.5, 22.5.2.6, 22.5.2.11 for Phase II MSAs;
- (3) OCN PTP OC48/OC48c/OC192 Service - NBTC Tariff F.C.C. No. 1, Section 21.3 and Section 22.5.2.10 for Phase II
- (4) GigaMAN Service - NBTC Tariff F.C.C. No. 1 Section 7.3.12 for Phase I MSAs and Section 22.5.2.7 for Phase II MSAs.

All Terms and Conditions for the Subject Services listed above are governed by their respective tariff sections except as noted herein. Annual recurring revenue generated from these services will be used in the MARC calculations defined in Section 23.2.4.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.3 Terms and Conditions (Cont'd)(C) Term Period

The contract term (Term Period) is five (5) years commencing on the date the Telephone Company receives a completed Letter of Authorization (LOA) from the Customer. Contract Offer No. 2 is not renewable.

Subject Services to which the Customer already subscribes as of the commencement of the Term Period, or any Subsequently Added Services to which Customer subscribes after commencement of the Term Period in accordance with the terms set forth herein, must be on five (5) year term payment plans or converted to five (5) year term payment plans (where available) in order to receive discounts pursuant to this Contract Offer. If five (5) year term is not available, the Customer must select from the longest term plan available for the service. The Customer may select from any term plan available for purchases of new Subject Services.

(D) Discounts

Discounts will be applied 60 days after the close of each quarter beginning with the first three months after contract commencement. Discounts will be applied each quarter that the Customer complies with MARC requirements, all Eligibility Criteria, and all Terms and Conditions. MARC calculations are discussed in Section 23.2.4 and the application of discounts is detailed in Section 23.2.5.

(E) General

Services are subject to certain rates, charges, and general terms and conditions in other sections of F.C.C. Tariff No. 1, as set forth in Sections 2-General Regulations, 5-Ordering Options for Switched & Special Access Service, and 13-Additional Engineering, Additional Labor & Miscellaneous Services. Such terms and conditions may be modified through the filing of tariff changes at any time during the Term Period. Such tariff modifications will not change the Terms and Conditions described in this Contract Offer.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.2 Contract Offer No. 2 - DS1, DS3, SONET Service Offer (Cont'd)23.2.3 Terms and Conditions (Cont'd)(F) Contract Termination

If the Customer should terminate this Contract Offer during the Term Period, termination liability charges will apply in accordance with Section 23.2.8.

If the Customer fails to maintain any of the Terms and Conditions detailed in Section 23.2.3, the Telephone Company will notify the Customer in writing. The Customer will have 60 days to return to compliance. Failure to comply within 60 days will constitute a default and the Telephone Company shall have the right to terminate this contract. In the event of termination by Telephone Company, termination liability charges will apply as set forth in Section 23.2.8.

(G) Minimum Annual Revenue Commitment (MARC)

Customer must maintain a MARC (as described in Section 23.2.4) for each year in the Term Period of this Contract Offer.

(H) Access Service Ratio

As referenced in Section 23.2.2(D), the Customer and its affiliates must maintain an Access Service Ratio of 98% or greater. The ratio, calculated monthly, is the Access Revenue divided by Access Revenue plus Wholesale Revenue. To maintain compliance with this Contract Offer, the ratio must be greater than or equal to 98%. The 98% ratio is calculated as follows:

$$\frac{\text{Access Revenue}}{\text{Access Revenue} + \text{Wholesale Revenue}}$$

(1) Access Revenue is the Customer's and its affiliates interstate recurring billed revenue associated with the rate elements, as defined in Table A:

TABLE A:

Service	General/Basic Description
Voice Grade	7.7.1-5
DS0, DS1, DS3 Services	7.10.1-4, 7.11.1-5
OCN PTP	21.1, 21.2
GigaMAN	7.13.1-11

(2) Wholesale Revenue is the Customer's and its affiliates recurring billed revenue for associated rate elements, as defined in Table B, not included in the interstate tariff(s).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.2 Contract Offer No. 2 – Special Access Service Offer (Cont'd)23.2.3 Terms and Conditions (Cont'd)(H) Access Service Ratio (Cont'd)TABLE B:

Service Level	Associated Rate Elements Not Included in Interstate Tariff
DS1/LT1	4-wire digital loop DS1 Entrance Facilities DS1 Interoffice Transport DS1 Cross Connects DS1 Multiplexing All DS1 non-tariffed Committed Information Rate Broadband Services
DS3/LT3	DS3 Loop DS3 Entrance Facilities DS3 Interoffice Transport DS3 Cross Connects DS1/DS3 Multiplexing All DS3 non-tariffed Committed Information Rate Broadband Services
OC-3 OC-12 OC-48	OC-3 Entrance Facilities OC-3 Interoffice Transport OC-3 Cross Connects OC-3 Multiplexing OC-12 Entrance Facility OC-12 Interoffice Transport OC-12 Cross Connects OC-12 Multiplexing OC-48 Entrance Facilities OC-48 Interoffice Transport OC-48 Cross Connects OC-48 Multiplexing All OCN equivalent non-tariffed Committed Information Rate Broadband Service
Other Transport Products	Dark Fiber – Interoffice Dark Fiber – Loop Dark Fiber – Subloop Dark Fiber Cross Connects Unbundled Dedicated Transport

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.3 Terms and Conditions (Cont'd)(H) Access Service Ratio (Cont'd)

- (3) As new rate elements are introduced to Table A in this section, all recurring revenues associated with the new rate elements will automatically be added to the Customer's Access Revenue, as defined in this section, for calculation of the Access Service Ratio.
- (4) As new rate elements are introduced to Table B in this section, all recurring revenues associated with the new rate elements will automatically be added to the Customer's Wholesale Revenue, as defined in this section, for calculation of the Access Service Ratio.
- (5) If the Customer fails to meet the Access Service Ratio in any given month of the term, upon notification from the Telephone Company, the Customer has ten (10) business days to notify the Telephone Company in writing that it will meet or exceed the 98% Access Services Ratio within 60 days. Failure to achieve compliance in 60 days will constitute a default and the Telephone Company shall have the right to terminate this Contract Offer. In the event of a termination by the Telephone Company, termination liability charges will apply as set forth in Section 23.2.8.
- (6) Credits will not be issued until the Customer has met the 98% Access Services Ratio.
- (I) The Customer will not be able to subscribe to any future Contract Offerings in Section 23 in conjunction with this Contract Offer or that might be offered by the Telephone Company for Subject Services covered under this Contract Offer.
- (J) The Customer must pay billed charges in full for the Term Period of the contract, excluding amounts being disputed. The Telephone Company will provide Customer written notice of a non-compliance situation. Customer will have ten (10) business days from receipt of the written notice to comply. If the Customer does not comply, the Telephone Company shall have the right to terminate this Contract Offer. In the event of termination by the Telephone Company, termination liability charges as set forth in Section 23.2.8 will apply. Credits will not be issued until the Customer has paid all billed charges (excluding disputes).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.3 Terms and Conditions (Cont'd)

- (K) Any disputed billing amounts that have been resolved in favor of the Telephone Company are due and payable as described in Section 2.5 and Section 23.2.3 (J) above.
- (L) The Customer must provide, at the time of subscription, all of the Access Customer Name Abbreviation (ACNA), Other Company Name (OCN) and/or Tiecodes (collectively "Company Code(s)") that the Customer designates for inclusion in this Contract Offer. Company Code(s) may be added by the Customer after initial subscription but are subject to revenue and calculation requirements discussed in Section 23.2.4 (B). Customer shall not incur any termination liability under the relevant tariffs as a result of adding any such Company Code(s).

23.2.4 Minimum Annual Revenue Commitment (MARC)(A) Calculation of the MARC

Under Contract Offer No. 2, the Customer must establish and maintain a MARC. The MARC will be calculated as outlined in this section. The MARC for the first year will be established when the Telephone Company receives the Letter Of Authorization (LOA) from the Customer and the Customer identifies the Company Code(s) that will be included in this Contract Offer pursuant to Section 23.2.3 (L).

The Customer's MARC for Year 1 is calculated based on the total of the previous three (3) months recurring revenue (recalculated to five-year term rates where applicable pursuant to Section 23.2.3 (C)) for all Subject Services identified in Section 23.2.3 (B) from the SBC Tariffs identified in Section 23.2.3 (A) in eligible pricing flexibility MSAs, multiplied by four (4):

$(\text{Prior 3 months recurring revenue}) \times 4 = \text{Year 1 MARC}$. The MARC for years 2 through 5 will be recalculated at each annual contract anniversary date.

Example for Year 1 MARC Establishment:

The Customer's prior 3 months recurring revenue (re-rated to 5 year term rates) is \$5M. The Customer's Year 1 MARC would be \$20M. (\$5M X 4).

The MARC for years 2 through 5 will be recalculated at each annual contract anniversary date as follows:

Total of the prior three (3) months recurring revenue for all Subject Services multiplied by four (4).
If the recalculated MARC is greater than the previous year's MARC, the newly recalculated MARC will apply. If the recalculated MARC is less than the previous year's MARC, the previous year's MARC will carryover for the new year.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.4 Minimum Annual Revenue Commitment (MARC) (Cont'd)(A) Calculation of the MARC (Cont'd)Example for Year 2 MARC Establishment:

The Customer's prior 3 months recurring revenue is \$4M. The Customer's Year 2 MARC is \$20M. ($\$4M \times 4 = \$16M < \$20M$). In this example the Customer's prior 3 months recurring revenue multiplied by 4 is less than the Year 1 MARC.

If the Value is less than the Year 1 MARC, then the Year 1 MARC will be used for Year 2.

If the Value calculated is greater than the Year 1 MARC, then the newly calculated MARC will be used as the Year 2 MARC.

If the Telephone Company receives additional pricing flexibility relief for MSAs that are not listed in Section 23.2.2, the Telephone Company will recalculate the MARC to incorporate recurring revenues from those areas and will include those revenues in the calculations discussed in Section 23.2.4 (B).

(B) Calculations to Achieve the MARC

Recurring revenue will be counted to determine whether the Customer achieves its MARC based on the following criteria:

Revenue from Existing Services:

(1) Recurring revenue from Subject Services to which the Customer subscribes as of the commencement of the Term Period and which are billed under the specific Company Code(s) provided by the Customer pursuant to Section 23.2.3 (L) will be included in the calculation used to achieve the MARC effective upon the commencement of the Term Period.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 – Special Access Service Offer (Cont'd)23.2.4 Minimum Annual Revenue Commitment (MARC) (Cont'd)(B) Calculations to Achieve the MARC (Cont'd)(2) Revenue from Subsequently Added Services:

Recurring revenue from Subject Services to which the Customer does not subscribe as of the commencement of the Contract Term Period will not be included in the calculations used to achieve the MARC except as specifically allowed in this subsection. Subject Services ordered prior to, and/or purchased after subscription to this Contract Offer and not subscribed to by the Customer as of the commencement of the Contract Term Period will be considered Subsequently Added Services.

Subsequently Added Services will be recalculated to five (5) year term payment plans in accordance with Section 3.2.3(C). Recurring revenue generated from these Subsequently Added Services may only be used in the calculations used to achieve the MARC after (1) the Telephone Company issues a completed service order, (2) the Customer has been billed for the Subsequently Added Services, and (3) the Subsequently Added Services are qualified under one of the following provisions:

(a) First Six (6) Months After Contract Subscription

Within the first six (6) months of subscribing to this Contract Offer, the Customer can add one or more of its existing Company Code(s) (with its corresponding recurring revenue) not previously included by the Customer on the LOA at the time of subscription pursuant to this provision. The Customer must notify the Telephone Company in writing of its desire to include additional Company Code(s) and specify the Company Code(s) to be added. The recurring revenue from Subject Services of these Company Code(s) (recalculated to five (5) year term payment plans where applicable pursuant to Section 23.2.3(C)) shall be eligible for the MARC discounts as detailed in Section 23.2.5 (A)(1). The recurring revenues from Subject Services of these added Company Code(s) are not eligible for above the MARC discounts detailed in Section 23.2.5 (A)(2) or win-back credits detailed in Section 23.2.5 (E).

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.4 Minimum Annual Revenue Commitment (MARC) (Cont'd)(B) Calculations to Achieve the MARC (Cont'd)(2) Revenue from Subsequently Added Services (Cont'd)(b) After the first six (6) Months of Contract Subscription

After the first six (6) months of subscribing to this Contract Offer, the Customer can add one or more of its existing Company Code(s) (with its corresponding recurring revenue) not previously included by the Customer on the LOA at the time of subscription pursuant to this provision.

If the Customer chooses to include any of its additional existing Company Code(s) after the first six (6) months of subscription to this Contract Offer, the Customer must notify the Telephone Company in writing of its desire to include additional Company Code (s) and specify the Company Code(s) added at which time the MARC developed pursuant to Section 23.2.4 (A) will be re-calculated and increased to reflect the additional Company Codes (recalculated to five (5) year term payment plans where applicable pursuant to Section 23.2.3(C)). The recurring revenue from Subject Services of these Company Codes shall be eligible for the MARC discounts detailed in Section 23.2.5 (A), the above the MARC discounts detailed in Section 23.2.5 (A)(2) and the win-back credits detailed in Section 23.2.5 (E).

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 – Special Access Service Offer (Cont'd)23.2.4 Minimum Annual Revenue Commitment (MARC) (Cont'd)(B) Calculations to Achieve the MARC (Cont'd)(3) Mergers and Acquisitions

If, after subscribing to this Contract Offer, the Customer merges with, acquires, is acquired by, sells all or substantially all its stock or assets to any other entity, or purchases all stock or substantially all stock or assets of another company (the foregoing generally referred to herein as a merger or acquisition) or establishes joint marketing arrangements with another company for Subject Services (including services currently or previously provided through the Telephone Company's network under any Company Code(s)), the Mergers and Acquisition provisions discussed in Section 23.2.7 will apply.

(C) MARC Adjustments

The Customer shall have the right to adjust the MARC downward by 10% or 20%. This adjustment can only be made one time during the life of the Contract Term Period anytime after the first 12 months of the Contract Term Period. If the Customer exercises this option, reduced discounts (as specified in Table E Section 23.2.5(B)) shall apply for the remainder of the Contract Term Period, discounts previously provided during that contract year will be re-rated retroactively to reflect the reduced discount level, and certain provisions will no longer apply as detailed in Section 23.2.5(B). If the Customer uses the MARC adjustment option in conjunction with any of the Merger and Acquisition options outlined in Section 23.2.7, reduced discounts will remain for the life of the Contract Term Period, and discounts previously received during that contract year will not be re-rated provided the Eligibility Criteria in Section 23.2.2, Terms and Conditions in Section 23.2.3 and the quarterly MARC schedule in Table D Section 23.2.5 have been met prior to the MARC adjustment, and certain provisions will no longer apply as detailed in Section 23.2.5.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.4 Minimum Annual Revenue Commitment (MARC) (Cont'd)(D) Failure to Achieve the MARC

If the Customer fails to achieve the annual MARC commitment as of the anniversary dates, the Customer will be notified by the Telephone Company.

The Customer must remit an Annual True-Up amount calculated as the difference between the annual MARC for the current plan year and the actual annual recurring revenue for the Subject Services.

If the Telephone Company does not receive the Annual True-Up amount within 30 days of the Customer's receipt of its notification, the Customer is deemed to have terminated this Contract Offer and termination liability charges will apply as set forth in Section 23.2.8.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 – Special Access Service Offer (Cont'd)23.2.5 Discounts and Other Credits(A) Discount Schedule and Application

Table C contains the level of discounts for this Contract Offer.

TABLE C:

Year	MARC Discount	Discount on Recurring Revenue above the MARC
1	7%	20%
2	9%	20%
3	10%	20%
4	11%	20%
5	12%	20%

Example for Year 1:

Customer's MARC = \$20M

Customer's actual annual recurring revenues for Subject Services = \$25M

Customer will receive a 7% discount on \$20M (issued quarterly in accordance with subsection (1) below) and a 20% discount on \$5M (issued annually in accordance with subsection (2))

- (1) The Customer will receive MARC discounts quarterly on recurring revenues for all Subject Services up to the MARC. The discount will be applied 60 days after the close of the quarter. Recurring revenue above the MARC is subject to discounts discussed in Section 23.2.5 (A)(2) below. Recurring revenue from Company Codes added pursuant to Section 23.2.3 (L) will receive quarterly discounts described below at the time the codes are added.

The Customer will receive the quarterly discounts as long as the following percentages of the MARC have been achieved by the close of the quarter per Table D. Discounts will be withheld if the Customer does not meet the percentage requirements in any given quarter and discounts will not be issued until the Customer is in compliance with the MARC percentage schedule as outlined below.

Table D:

Quarter	% of MARC
1st	25%
2nd	50%
3rd	75%
4th	100%

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)

(N)

23.2.5 Discounts and Other Credits (Cont'd)(A) Discount Schedule and Application (Cont'd)

(1) (Cont'd)

For example, if the Customer has achieved 25% of the MARC by the close of the 1st quarter and is in compliance with all Terms and Conditions of this Contract Offer, discounts will be issued. If in the second quarter the Customer only achieves 40% of the MARC and all Terms and Conditions are met, discounts will be withheld. If by the 3rd quarter the Customer has achieved 75% of the MARC and is in compliance with all Terms and Conditions, discounts previously withheld in the 2nd quarter will be issued as well as discounts due for the 3rd quarter.

- (2) The Customer will receive the 20% discount on recurring revenues above the MARC annually. The discount will be applied 60 days after each contract anniversary. Recurring revenue generated from services of Company Code(s) not identified at the time of subscription are not eligible for above the MARC discounts unless added pursuant to Section 23.2.3 (L) or Section 23.2.7.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.5 Discounts and Other Credits (Cont'd)(B) MARC adjustments Discount Schedule and Application

Table E outlines discounts that the Customer will be eligible to receive depending on the MARC adjustment percentage chosen pursuant to Section 23.2.4 (C)

TABLE E:

MARC Adjustment	10%	20%
Discounts	Year 2 - 3% Year 3 - 4% Year 4 - 5% Year 5 - 6%	Year 2 - 2% Year 3 - 2% Year 4 - 3% Year 5 - 3%
Above MARC discount	Will only apply to revenue above the MARC used as the basis of the adjustment or the recurring revenue from the previous 3 months multiplied by 4, whichever is lower.	Will only apply to revenue above the MARC used as the basis of the adjustment or the recurring revenue from the previous 3 months multiplied by 4, whichever is lower.

For example, the Customer's year 1 MARC is \$17M. The Customer's year 2 MARC is \$18M (calculated as revenue from the last quarter in year 1 x 4). On the anniversary date at the end of year 2, the Customer's year 2 recurring revenue is \$15M. The Customer elects to invoke the MARC adjustment option and adjust the MARC downward by 20%. The Customer's year 3 recalculated MARC is therefore \$14.4M = (\$18M x 80%).

The Customer's discounts (including any previously withheld) for year 2 will be recalculated to reflect levels as set forth in Table E and would total \$300K (\$15M x 2%). Any discounts that have been applied to the Customer's bill during year 2 in excess of \$300K will be back-billed. The discount amount for year 3 is also 2% as set forth in Table E.

Discounts, on a going forward basis, will be based on the re-calculated MARC and will be subject to percentages as detailed in Table E.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.5 Discounts and Other Credits (Cont'd)(C) Non-Recurring Charges

The Telephone Company will waive Non-recurring charges associated with the purchase of VG, DS0, DS1, DS3, OCN PTP, and GigaMan Services. In the event that these non-recurring charges are billed, The Telephone Company will credit these charges quarterly. Access Order and Special Construction charges will apply where applicable. Non-recurring charges will be credited quarterly as long as the Customer is in compliance with the Eligibility Criteria in Section 23.2.2 and the Terms and Conditions of this Contract Offer as specified in Section 23.2.3. If the Customer fails to meet the MARC on a contract anniversary date pursuant to Section 23.2.4 (A) and fails to pay the Annual True-Up as defined in Section 23.2.4(D), the Customer will be back-billed the previous 12-months non-recurring charges previously waived or credited.

(D) Portability

The Telephone Company will waive termination liability charges for moves and/or disconnection of DS1, DS3, and OCN PTP Services. In the event that termination liability charges for these moves and/or disconnections are assessed, the Telephone Company will credit these charges quarterly provided the following criteria are met, and provided the Eligibility Criteria in Section 23.2.2, and Terms and Conditions in Section 23.2.3 have been met. If the Customer fails to meet the MARC on each contract anniversary date pursuant to Section 23.2.4 (A) and fails to pay the Annual True-Up as defined in Section 23.2.4 (D), the Customer will be back-billed the previous 12-months charges that were waived or credited for termination liability charges.

(1) The move, disconnect, and/or new service may be from any SBC Tariff as described in Section 23.2.1.

(2) DS1 Services

The Telephone Company will credit the Customer, quarterly, any termination liability charges assessed and not disputed for the move and/or disconnection of DS1s throughout the term of this Contract Offer No. 23, provided that the Eligibility Criteria in Section 23.2.2, and Terms and Conditions in Section 23.2.3 have been met.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 – Special Access Service Offer (Cont'd)23.2.5 Discounts and Other Credits (Cont'd)(D) Portability (Cont'd)(3) DS3, OC3 and OC12 Point to Point Services

The Telephone Company will credit the Customer, quarterly, for any termination liability charges assessed and not disputed for the move and/or disconnection of DS3s, OC3 PTP, and OC12 PTP services throughout the Contract Term Period as long as the DS3, OC3 PTP or OC12 PTP has been in service for a minimum of one (1) year from the original installation date, and provided that the Eligibility Criteria in Section 23.2.2 and Terms and Conditions in Section 23.2.3 have been met.

(4) OC48 and OC192 PTP Services

The Telephone Company will credit the Customer, quarterly, for any termination liability charges assessed and not disputed for the move and/or disconnection of OC48 or OC192 Point to Point (PTP) throughout the Contract Term Period as long as the OC48 PTP or OC192 PTP has been in service for a minimum of three (3) years from the original installation date, and provided that the Eligibility Criteria in Section 23.2.2 and Terms and Conditions in Section 23.2.3 have been met.

(E) Winback

Winback credits will be calculated and applied on each contract anniversary date, and shall be in addition to all other discounts and credits set forth in this Contract Offer. Recurring revenue generated from services of Company Code(s) not identified at the time of subscription are not eligible for win-back credits described below.

- (1) The Customer will receive a 20% discount for the first 12 months of service for any DS1 or DS3 services moved to the Telephone Company's network that were previously provided by another company as long as the service is on the Telephone company's network for at least one year.
- (2) The Customer will receive a 30% discount for the first 12 months of service for any OC3, OC12, OC48, and/or OC192 Point to Point or Dedicated SONET Ring Service moved to the Telephone Company's network that were previously provided by another company as long as the service is on the Telephone Company's network for at least one year.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.5 Discounts and Other Credits (Cont'd)(E) Winback (Cont'd)

- (3) The Customer must provide documentation to demonstrate that the Subject Services have been converted from another carrier to the Telephone Company's network. Documentation may include but is not limited to: circuit detail records, invoices, and coordinated orders to move the service. The Telephone Company is willing to review other documents that the Customer may deem appropriate to meet this criteria, however only to the extent that it does not result in breach of any non-disclosure agreements which may govern the distribution of such information.

23.2.6 Assignment and Transfer

If the Customer wishes to assign or transfer its use of services under this Contract Offer pursuant to F.C.C. No. 1, Section 2.1.2 of this Tariff, the Telephone Company will acknowledge such transfer or assignment pursuant to the terms of F.C.C. No. 1, Section 2.1.2, unless: (1) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (A) or (B) below, or (2) if the proposed assignee or transferee or its parent company has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

- (A) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly, more than 50% of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission or if any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.

- (B) The proposed assignee or transferee does not have any outstanding securities rated by credit rating agencies (e.g. Standard and Poor's), but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated "fair" or below in a composite credit appraisal published by Dun and Bradstreet, or "high risk" in a Paydex score as published by Dun and Bradstreet.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.2 Contract Offer No. 2 – Special Access Service Offer (Cont'd)23.2.7 Mergers and Acquisitions

The Terms and Conditions of Contract Offer No. 2 shall continue in full force and in effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all its stock or certain assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). During or after the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, either directly or through any affiliates, then billed, recurring revenue for Subject Services of the other company involved in the merger or acquisition will not be used in Calculations of the MARC as discussed in Section 23.2.4 (A) or Calculations to Achieve the MARC discussed in Section 23.2.4 (B), except as permitted by one of the provisions in this subsection.

The Customer must be meeting MARC commitments and all Eligibility Criteria and Terms and Conditions outlined in Sections 23.2.2 and 23.2.3 in order to exercise the provisions in this subsection.

Recurring revenue from Subject Services from the other entity involved in the merger or acquisition can not be used for any incentives or discounts contained in this Contract Offer except as permitted by one of the provisions outlined in this subsection.

The Customer shall have four one-time choices (per merger or acquisition) to incorporate revenue from the other company or companies involved in the merger or acquisition. If the Customer does not exercise any of the provisions in this subsection by the times specified in relation to the Transaction Close Date, the Customer will not be permitted to use existing or future Special Access revenues from the other company or companies involved in the merger or acquisition in the Calculation of the MARC or Calculations to Achieve the MARC discussed in Section 23.2.4 (A) & (B).

The acquisition and/or merger Transaction Close Date will be used to measure the length of time the following provisions are available. The Transaction Close Date shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.

If the Customer has selected but not yet fully implemented one of the provisions in this subsection, the MARC adjustment calculation as detailed in Section 23.2.4 will only apply to the Customer's original (pre-merger or acquisition) MARC and will not include revenue from the other company involved in the merger or acquisition. The Customer cannot combine any of the Merger and Acquisition provisions in this subsection.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.7 Mergers and Acquisitions (Cont'd)

The Telephone Company will calculate Annual Total Special Access revenue of the other company or companies involved in the merger or acquisition on the date the Customer selects one of the provisions in this subsection. The Annual Total Special Access revenue will be determined by calculating the prior three (3) months recurring revenue for Subject Services of the other company involved in the merger or acquisition multiplied by four (4). Until the Customer has fully implemented one of the provisions in this subsection, the Customer will not be eligible to earn above the MARC discounts discussed in Section 23.2.5 (A) (2) for revenue from the other company involved in the merger or acquisition until after it exceeds the Annual Total Special Access revenue. After the Customer has fully implemented one of the provisions in this subsection, the Customer will be eligible for above the MARC discounts discussed in Section 23.2.5 (A) (2) for revenue above the new combined MARC.

(N)

(N)

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23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)

(N)

23.2.7 Mergers and Acquisitions (Cont'd)23.2.7.1 Merger and Acquisition Provisions(A) Mergers and Acquisitions - Access Services Ratio Impacting

If the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all its stock or certain assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company and inclusion of the recurring revenue from Subject Services from the other company or companies involved in the merger or acquisition into this Contract Offer will cause the Customer to fall below Access Services Ratio Terms and Conditions as defined in Section 23.2.3 (H), the Customer must select from Option 1 or 2 below in order to receive incentives and discounts for the other company involved in the merger or acquisition under this Contract Offer.

The Customer must fully comply with the Access Services Ratio Terms and Conditions within 18 months of the Transaction Close Date and must comply with the Access Conversion Schedule outlined in Table F below. As long as the Customer is in compliance with the Access Conversion Schedule and the Customer's existing revenue complies with the Access Services Ratio in Section 23.2.4 (H), the MARC discounts will continue to apply and the Customer shall not be considered out of compliance with the Access Services Ratio Terms and Conditions as defined in Section 23.2.3 (H).

If at any time the Customer does not comply with the Access Conversion Schedule outlined in Table F below, MARC discounts will be withheld and the Telephone Company will notify the Customer of non-compliance. The Customer will have 30 days to comply with the Access Conversion Schedule. If the Customer does not comply within 30 days, this Contract Offer will be considered in default, and the Telephone Company shall have the right to terminate this Contract Offer and termination liability charges will apply as detailed in Section 23.2.8. Notwithstanding the foregoing, if Telephone Company is primarily responsible for a delay in the Access Conversion Schedule, then the MARC discounts will continue to apply and the Customer shall not be considered out of compliance with the Access Services Ratio Terms and Conditions as defined in Section 23.2.3 (H) and the contract will not be considered in default, however, each party shall take all reasonable steps to comply as soon as possible.

(N)

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23.2 Contract Offer No. 2 – Special Access Service Offer (Cont'd)23.2.7 Mergers and Acquisitions (Cont'd)23.2.7.1 Merger and Acquisition Provisions (Cont'd)(A) Mergers and Acquisitions – Access Services Ratio Impacting
(Cont'd)

Table F outlines the Unbundled Network Element (UNE) to Access conversion schedule that will be used to migrate the services.

Table F: Access Conversion Schedule

90 Day Period	Required Conversion Level
1st	10%
2nd	20%
3rd	50%
4th	75%
5th	85%
6th	100%

(N)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.7 Mergers and Acquisitions (Cont'd)23.2.7.1 Merger and Acquisition Provisions (Cont'd)(A) Mergers and Acquisitions - Access Services Ratio Impacting
(Cont'd)(1) Option 1

- (a) The Customer may establish a temporary MARC by adding 85% but no more than 100% (depending on the Customer's selection) of Special Access Services recurring revenue from the other company involved in the merger or acquisition for Subject Services billed by the Telephone Company to the Customer's existing MARC as outlined below for a period not to exceed 18 months from the Transaction Close Date.
- (b) The Customer must exercise this option within 60 days following the Transaction Close Date.
- (c) This option is not available in the 5th year of the Contract Term Period.
- (d) The temporary MARC will be calculated by taking the last 3 months of applicable monthly recurring Special Access revenue for the other company involved in the merger or acquisition (from the date this option is selected) for Subject Services multiplied by four (4) multiplied by 85% to 100% (depending on the Customer's selection) and adding to that the Customer's existing MARC.
- (e) A combined permanent MARC will be established no later than 18 months following the Transaction Close Date using the following calculation.
 - (i) The last 3 months (at the time of the calculation) of monthly recurring Special Access revenue for the other company involved in the merger or acquisition for Subject Services multiplied by four (4) and adding to that the Customer's existing MARC.

- (ii) The permanent MARC must be at least 85% of temporary MARC as defined in Section 23.2.7.1 (A) (1) (d).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.2 Contract Offer No. 2 – Special Access Service Offer (Cont'd)23.2.7 Mergers and Acquisitions (Cont'd)23.2.7.1 Merger and Acquisition Provisions (Cont'd)(A) Mergers and Acquisitions – Access Services Ratio Impacting
(Cont'd)(2) Option 2

- (a) The Customer must add at least 85% but no more than 100% (depending on the Customer's selection) of Special Access recurring revenue from the other company involved in the merger or acquisition for Subject Services billed by the Telephone Company to the Customer's existing MARC as outlined below for a period not to exceed 18 months from the Transaction Close Date.
- (b) The Customer must exercise this option within 12 months following the Transaction Close Date
- (c) This option is not available during the 5th year of the Contract Term Period.
- (d) The MARC will be set by taking the last 3 months of applicable monthly recurring Special Access revenue from the other company involved in the merger or acquisition (on the date this option is selected) for Subject Services multiplied by four (4) and multiplied by 85% to 100% (depending on the Customer's selection) and adding to that the Customer's existing MARC.

(B) Mergers and Acquisitions – Access Services Ratio Not Impacting

If the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all its stock or certain assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company and inclusion of recurring revenue from Subject Services from the other company or companies involved in the merger or acquisition into this Contract Offer will not cause the Customer to fall below Access Services Ratio Terms and Conditions as defined in Section 23.2.3 (H), the Customer must select from Option 3 or 4 below in order to receive incentives and discounts for the other company involved in the merger or acquisition under this Contract Offer.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 – Special Access Service Offer (Cont'd)23.2.7 Mergers and Acquisitions (Cont'd)23.2.7.1 Merger and Acquisition Provisions (Cont'd)(B) Mergers and Acquisitions – Access Services Ratio Not Impacting (Cont'd)(1) Option 3

- (a) The Customer may establish a temporary MARC by adding 90% to 100% (depending on the Customer's selection) of Special Access recurring revenue from the other company involved in the merger or acquisition for Subject Services used to calculate the MARC to the extent outlined below for a period not to exceed 12 months from the Transaction Close Date.
- (b) The Customer must exercise this option within 60 days following the acquisition Transaction Close Date.
- (c) This option is not available during the 5th year of the Contract Term Period.
- (d) The temporary MARC will be established by taking the last 3 months of applicable monthly recurring Special Access revenue, for the other company involved in the merger or acquisition (from this date this option is selected) for Subject Services multiplied by four (4) and multiplied by 90% to 100% (depending on the Customer's selection). This amount will be added to the Customer's existing MARC.
- (e) A combined permanent MARC will be established no later than 12 months following the Transaction Close Date using the following calculation:
 - (i) The last three (3) months (at the time of the calculation) of monthly recurring Special Access revenues from the other company involved in the merger or acquisition for Subject Services multiplied by four (4) and adding to that the Customer's existing MARC.
 - (ii) The permanent MARC must be at least 85% of the temporary MARC as defined Section 23.2.7 (A) (4).

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.7 Mergers and Acquisitions (Cont'd)23.2.7.1 Merger and Acquisition Provisions (Cont'd)(B) Mergers and Acquisitions - Access Services Ratio Not Impacting (Cont'd)(2) Option 4

- (a) The Customer must add at least 90% but no more than 100% (depending on the Customer's selection) of Special Access recurring revenue from the other company involved in the merger or acquisition for Subject Services billed by the Telephone Company to the Customer's existing MARC to the extent outlined below for a period not to exceed 12 months from the Transaction Close Date.
- (b) The Customer must exercise this option within 12 months of the Transaction Close Date.
- (c) This option is not available during the 5th year of the Contract Term Period.
- (d) The MARC will be set by taking the last 3 months of applicable monthly recurring Special Access revenue from the other company involved in the merger or acquisition (from the date this option is selected) for Subject Services multiplied by four (4) and multiplied by 90% to 100% (depending on the Customer's selection) and adding to that the Customer's existing MARC.

(N)

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 – Special Access Service Offer (Cont'd)23.2.8 Termination Liability(A) Termination Liability Charges

If the Customer terminates Contract Offer No. 2 before the completion of the term for any reason whatsoever (other than a material default by the Telephone Company), the Customer must pay the Telephone Company termination liability charges as described below. These charges shall become due as of the effective date of the cancellation or termination. The Customer must provide written notification 90 days prior to the desired date of termination to the Telephone Company. This notification must include the date upon which the Customer will terminate the Contract Offer.

If the Customer fails to meet any of the eligibility criteria in Section 23.2.2, or fails to meet any of the Terms and Conditions in Section 23.2.3, then the Telephone Company shall provide the Customer with written notification of such non-compliance and the Customer will have sixty (60) days to comply. If the Customer does not comply within such time period, the Customer will be deemed to have terminated its participation in Contract Offer No. 2 and termination liability charges will apply as stated below and will be payable pursuant to F.C.C. No. 1, Section 2.4.

The Customer's termination liability charge shall be equal to: 100% of all Discounts under Contract Offer No. 2 for the six (6) months immediately prior to the date of termination; plus the following schedule:

- (1) If terminated in Year 1, 10.0% of the Base MARC for the remaining portion of Year 1, plus 10% of the Base MARC for the remaining years of the Contract Offer.
- (2) If terminated in Year 2, 12.5% of the Year 2 MARC for the remaining portion of Year 2, plus 12.5% of the Year 2 MARC for the remaining years of the Contract Offer.
- (3) If terminated in Year 3, 12.5% of the Year 3 MARC for the remaining portion of Year 3, plus 12.5% of the Year 3 MARC for the remaining years of the Contract Offer.
- (4) If terminated in Year 4, 12.5% of the Year 4 MARC for the remaining portion of Year 4, plus 12.5% of the Year 4 MARC for year 5.
- (5) If terminated in Year 5, 10.0% of the Year 5 MARC for the remaining portion of Year 5.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.2 Contract Offer No. 2 - Special Access Service Offer (Cont'd)23.2.8 Termination Liability (Cont'd)(B) New Technology Termination

If the Customer wishes to move its services to new alternative technology (such as Broadband over power lines, Wi-MAX, DWDM, or optical switching technologies), the Customer shall qualify to reduce the MARC termination liability charges as detailed above by 50% in year 4 and/or 5 of this Contract Offer as long as the conditions in this subsection are met. The Customer shall have the right to move its services to new alternative technology and receive reduced termination liability as long as Eligibility Criteria in Section 23.2. 2 and all Terms and Conditions in Section 23.2.3 are met. The Customer must provide documentation that reasonably demonstrates that the new technology is an alternative to existing Subject Services.

For example, if the Customer wishes to terminate this Contract Offer due to a new technology in year 4 of the Contract Offer, the termination liability charge would be equal to 100% of discounts applied during the previous six-months as well as 6.25% of the Year 4 MARC for the remaining portion of year 4, plus 6.25% of the Year 4 MARC for year 5.

The Customer must notify SBC in writing at least 90 days prior to the start of year 4 if they wish to terminate in year 4 and invoke this provision or at least 90 days prior to the start of year 5 if they wish to terminate in year 5 and invoke this provision. This notification must include the date upon which the Customer will terminate the Contract Offer. Additionally, this provision is only available to the Customer if it has not exercised the 20% MARC adjustment option as detailed in Section 23.2.4 (C).

- (C) This Section 23.2.8 sets forth the sole and exclusive remedies for termination of this Contract Offer No. 23, except for charges due and payable for Subject Services rendered prior to the date of termination and any non-recurring charges and/or termination liability charges that may become due and payable in accordance with Sections 23.2.5 (C) and (D).

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23. Pricing Flexibility Contract Offerings23.3 Contract Offer No. 3 – Broadband Plan - Service Offer23.3.1 General Description

Contract Offer No. 3 – the Broadband Plan is a special access discount pricing plan requiring subscription from the Customer under the following Access Tariffs: Ameritech Operating Companies (Ameritech) Tariff F.C.C. No 2, Nevada Bell Telephone Company (NBTC) Tariff F.C.C. No. 1, Pacific Bell Telephone Company (PBTC) Tariff F.C.C. No. 1, Southwestern Bell Telephone Company (SWBT) Tariff F.C.C. No. 73, and The Southern New England Telephone Company (SNET) Tariff F.C.C. No. 39. The Broadband Plan provides discounted rates (Level II as described below) subject to volume commitments as described in Section 23.3.4 (G).

Services covered under this Contract Offer will be grouped into Levels:

- (1) Level I – Qualified existing access services that are already in service prior to the commencement of the Term Period are “Level I” circuits. Level I circuits will be counted toward the Customer’s Portability Volume Commitment, as provided in Section 23.3.4 (G) of this Contract Offer, but are not eligible for the discounts provided under this Contract Offer.
- (2) Level II – Qualified access services that are installed during the Term Period, or qualified access services that migrate from Level I to Level II as described in section 23.3.5, are “Level II” circuits. Level II circuits will be counted toward the Customer’s Portability Volume Commitment and also will be eligible for the discounts provided under this Contract Offer.

Qualified services under this Contract Offer are available only in the Pricing Flexibility Metropolitan Statistical Areas (hereafter referred to as MSA) as described in Section 23.3.3 (A). Contract Offer No. 3 is available for subscription from July 1, 2005 through August 1, 2005. This Contract Offer is not renewable.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.2 Subject Services

This Contract Offer applies to access services that qualify for pricing flexibility (hereafter referred to as Subject Services), as provided in the following tariff sections:

- (1) High Capacity Service (DS3), NBTC Tariff F.C.C. No. 1, Section 7.11.5 for Phase 1 MSAs and Section 22.5.2.5 for Phase 2 MSAs;
- (2) OCN Point to Point (OC-3, OC-12), NBTC Tariff F.C.C. No. 1, Section 21.3 for Phase 1 MSAs and Section 22.5.2.10 for Phase 2 MSAs;

All terms and conditions for the Subject Services provided under this Contract Offer are governed by their respective tariff sections, except as noted herein.

23.3.3 Eligibility Criteria

The following eligibility criteria must be met for Subject Services to be provided under this Contract Offer.

- (A) Subject Services must be located in the following Pricing Flexibility MSAs:

Reno, NV

If the Telephone Company receives end-user channel termination pricing flexibility relief in additional MSAs, those MSAs will be added the Broadband Plan, as outlined in Section 23.3.4 (E) of this Contract Offer.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.3 Contract Offer No. 3 - Broadband Plan - Service Offer (Cont'd)23.3.3 Eligibility Criteria (Cont'd)

(B) Subject Services must be configured as follows:

- (1) Subject Services must be a non-channelized point-to-point service; and
- (2) Both end points of the circuit must be served by the Telephone Company and be located in an MSA listed in Section 23.3.3 (A) of this Contract Offer; and
- (3) Subject Services must be at capacity levels of DS3, OC-3 or OC-12; and
- (4) The 'Z' location for each circuit must be an end-user premise that is not a wireless cell site.

(C) The Customer must have a minimum of 1,200 existing Subject Service circuits meeting the configuration requirements described in Section 23.3.3 (B) of this Contract Offer.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.4 Term and Conditions(A) Term Period

The Term Period for this Contract Offer shall be five (5) years commencing on the first day of the month after the Telephone Company receives a completed Letter of Subscription (LOS).

If the Customer elects to continue service upon the expiration of the Term Period, the Customer may; by written notification to the Telephone Company sixty (60) days prior to the expiration of the Term Period:

- (1) Extend rates, terms and conditions of this Contract Offer for one (1) additional two (2) year term; or
- (2) Select from the applicable payment options in NBTC Tariff F.C.C. No. 1.

If, at the expiration of the Term Period, the Customer does not elect an option as described above, the Subject Services provided under this Contract Offer will be subsequently be provided under the prevailing applicable monthly extension rates found in NBTC Tariff F.C.C. No. 1.

(B) Subscription

- (1) Contract Offer No. 3 is available only from June 1, 2005 through August 1, 2005.
- (2) To subscribe to this Contract Offer the Customer must submit a Letter of Subscription (LOS) to the Telephone Company.
- (3) To subscribe to this Contract Offer the Customer must meet all eligibility criteria as outlined in 23.3.3.
- (4) The Customer must also concurrently subscribe to the following contract offers pursuant to the following tariffs:
 - (a) SWBT Tariff F.C.C. No. 73, Section 41, Contract Offer No. 47;
 - (b) PBTC Tariff F.C.C. No. 1, Section 33, Contract Offer No. 54;
 - (c) SNET Tariff F.C.C. No. 39, Section 25, Contract Offer No. 15;
 - (d) Ameritech Tariff F.C.C. No. 2, Section 22, Contract Offer No. 61.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.4 Term and Conditions (Cont'd)(C) General

- (1) The Customer must subscribe to the services available under this Contract Offer according to the regulations set forth in NBTC Tariff F.C.C. No. 1, Section 5-Ordering Options for Switched and Special Access Services.
- (2) Subject Services provided under this Contract Offer shall also be subject to certain rates, charges and general terms and conditions set forth in NBTC Tariff F.C.C. No. 1, Sections: 2-General Regulations, 5-Ordering Options for Switched and Special Access Service, and 13-Additional Engineering, Additional Labor and Miscellaneous Services. Such terms and conditions may be modified through the filing of tariff revisions at any time during the Term Period, however such tariff modifications will not change the terms and conditions described in this Contract Offer.
- (3) If the Customer discontinues service under this Contract Offer during the Term Period, termination liability charges will apply in accordance with Section 23.3.10 of this Contract Offer.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.4 Term and Conditions (Cont'd)(D) New Subject Services

- (1) All of the Customer's new Subject Services that are purchased from the Telephone Company and are eligible for inclusion in this Contract Offer must be provided under this Contract Offer.
- (2) The Customer may not include new Subject Services that are provided under this Contract Offer in any other promotional tariff, contract offer, or other discount plan concurrently with this Contract Offer.
- (3) The Customer must subscribe to all new Subject Services according to the otherwise applicable one (1) year term payment plan.
- (4) The Customer must pay all Special Construction charges associated with the provisioning of new Subject Services.
- (5) New Subject Services must remain in service under this Contract Offer for at least one (1) year.
- (6) New Subject Services installed in the final year of the Term Period of this Contract Offer must remain in service for at least one (1) year. Such Subject Services will continue to be subject to the Rates and Charges outlined in this Contract Offer for the remainder of the one (1) year minimum period. If any such Subject Services do not remain in service for at least one (1) year, they will be subject to Termination Liability as described in Section 23.3.10 of this Contract Offer.

(N)

(N)

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.4 Term and Conditions (Cont'd)(E) Additional MSA Relief

- (1) Upon FCC approval of additional MSAs for pricing flexibility relief for end-user channel terminations, those MSAs will be added to the Broadband Plan in TSA₃.
- (2) Subject Services that were installed in such additional MSAs prior to the commencement of the Term Period will be included in this Contract Offer as Level I services; subject to existing terms for Migration to Level II as provided in Section 23.3.5.
- (3) Subject Services installed, in such additional MSAs, during the Term Period will be included in this Contract Offer as Level II services.
- (4) As Subject Services in such additional MSAs are provided under this Contract Offer, the then-current Portability Volume Commitment will be increased to reflect the added Subject Services, based on the in service volumes for qualified Subject Services that are reflected in the recurring billing records from the Telephone Company during the month prior to the MSA being granted pricing flexibility relief.

(F) Access Service Ratio

The Customer and its affiliates must maintain an Access Service Ratio of 95 percent or greater. The ratio will be based cumulative billing for DS1 and DS3 services in the MSAs described in Section 23.3.3 (A) of this Contract Offer for the prior six-month period. The Access Service Ratio will be calculated upon the completion of each six-month period beginning upon the commencement of the Term Period as follows:

$$\frac{\text{Access Billing} - \text{Wholesale Billing}}{\text{Access Billing}}$$

Where:

- (1) Access Billing consists of the Customer's and its affiliates' interstate recurring billing for DS1 and DS3 rate elements, as defined in NBTC Tariff F.C.C. No. 1, Sections 7.11 and 22.5.2; and
- (2) Wholesale Billing consists of the Customer's and its affiliates' recurring billing for DS1 and DS3 bandwidth equivalent rate elements, as provided in Table A, not included in the interstate tariff(s).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.4 Term and Conditions (Cont'd)(F) Access Service Ratio (Cont'd)Table A:

Service Level	Associated Rate Elements Not Included in Interstate Tariff
DS1/LT1	4-wire Digital Loop DS1 Entrance Facilities DS1 Interoffice Transport DS1 Cross Connects DS1 Multiplexing All DS1 Non-tariffed Committed Information Rate Broadband Services Unbundled Dedicated Transport
DS3/LT3	DS3 Loop DS3 Entrance Facilities DS3 Interoffice Transport DS3 Cross Connects DS1/DS3 Multiplexing All DS3 Non-tariffed Committed Information Rate Broadband Services Unbundled Dedicated Transport

- (3) If new wholesale rate elements are introduced which are comparable to those set forth in Table A, all recurring billing associated with those new rate elements will also be included in the Customer's Wholesale Billing, as defined in this Section 23.3.4 (F), for purposes of calculating the Customer's Access Service Ratio.
- (4) If the Customer does not meet the Access Service Ratio, then the Customer must pay the Telephone Company an amount sufficient to result in the Customer's resulting total Access Billing being equivalent to the amount that would have been billed, had the Customer maintained an Access Service Ratio of 95 percent. If the Customer fails to pay that amount, the Customer shall be deemed to have terminated this Contract Offer.

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(N)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.4 Term and Conditions (Cont'd)(G) Portability Volume Commitment (PVC)

Portability is provided under this Contract Offer through the Portability Volume Commitment (PVC). For purposes of determining the Customer's PVC, the Telephone Company shall aggregate volumes for the various Subject Services included in this Contract Offer by converting counts of Telephone Company assigned unique Circuit ID's, by Circuit Type, into PVC Units, as shown below in Table B.

Table B:

Qty	Circuit Type		PVC Units
1	DS3	=	1
1	OC-3	=	2.5
1	OC-12	=	5

(1) PVC Level

- (a) The initial PVC Level shall be established at the commencement of the Term Period and is based on the in service volumes for Level I Subject Services that are reflected in the recurring billing records of the Telephone Company during the month prior to the commencement of the Term Period.
- (b) The PVC Level will be reset after each PVC Attainment Review, as described below in Section 23.3.4 (G) (2) (c).
- (c) The PVC Level can not be reduced, except as provided by the PVC Reduction Option described in Section 23.3.4 (G) (5) of this Contract Offer.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan – Service Offer (Cont'd)23.3.4 Term and Conditions (Cont'd)(G) Portability Volume Commitment (PVC) (Cont'd)

(2) PVC Attainment Review

Upon the completion of each six-month period, beginning upon the commencement of the Term Period, the Telephone Company will perform a review (the PVC Attainment Review), to compare the Customer's then-current PVC Measurement to the PVC Floor.

(a) The Telephone Company shall calculate the Customer's PVC Level and PVC Floor as follows:

- (i) The PVC Measurement shall be the sum of all Level I and Level II PVC Units that are reflected in the recurring billing records of the Telephone Company for the last month of the period under review.
- (ii) The PVC Floor shall be equal to the Customer's then-current PVC Level, multiplied by the PVC Attainment Factor, as provided in Table C:

Table C:

Current PVC Level	PVC Attainment Factor
1,200 – 1,800	95%
1,801 – 2,100	92%
2,101 +	90%

(b) The Customer's PVC Measurement, at the time of each six-month review, must equal or exceed the current PVC Floor.

- (i) If the PVC Measurement is greater than or equal to the PVC Floor, the Customer shall be deemed to have met the PVC requirement for the six-month period under review.
 - (ii) If PVC Measurement is lower than the PVC Floor, then the Customer must pay the PVC Attainment Shortfall as described in Section 23.3.4 (G) (3).
- (c) Upon completion of the PVC Attainment Review, the PVC Level shall be reset to the PVC Measurement calculated for the period under review, or the existing PVC Level, whichever is greater.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 - Broadband Plan - Service Offer (Cont'd)23.3.4 Term and Conditions (Cont'd)(G) Portability Volume Commitment (PVC) (Cont'd)

(3) PVC Attainment Shortfall Payment

The PVC Attainment Shortfall Payment shall be calculated as follows:

- (a) The PVC Unit Shortfall shall be calculated according to the following equation: $(\text{PVC Level} \times 95\%) - \text{PVC Measurement} = \text{PVC Unit Shortfall}$.
- (b) The PVC Attainment Shortfall Payment shall be calculated by multiplying the PVC Unit Shortfall by \$9,600.

(N)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.3 Contract Offer No. 3 – Broadband Plan – Service Offer (Cont'd)23.3.4 Term and Conditions (Cont'd)(G) Portability Volume Commitment (PVC) (Cont'd)

(4) PVC Attainment Review Example

At month 6:

PVC Level = 1,500. PVC Measurement = 1,800. PVC Measurement exceeds PVC Floor of 1,425, thus commitment is met and new PVC Level is reset to 1,800.

At month 12:

PVC Level = 1,800. PVC Measurement = 1,750. PVC Measurement exceeds PVC Floor of 1,710, thus commitment is met and PVC Level remains 1,800.

At month 18:

PVC Level = 1,800. PVC Measurement 18 = 1,700. PVC Measurement is below PVC Floor of 1,710, thus commitment is not met. Customer must pay PVC Attainment Shortfall and PVC Level remains = 1,800.

Month 18 PVC Attainment Shortfall calculation:

Step 1 – (PVC Level x 95%) – PVC Measurement = PVC Unit Shortfall

$[(1,800 \times 95\%) - 1,700] = 10$

Step 2 – PVC Unit Shortfall x \$9,600 = PVC

Attainment Shortfall Payment

$10 \times \$9,600 = \$96,000$

Table D: PVC Attainment Review Example

Completed Contract Month	PVC Level	PVC Floor	PVC Measurement	PVC Attainment Review	PVC Unit Shortfall	PVC Attainment Shortfall
6	1,500	1,425	1,800	met	0	n/a
12	1,800	1,710	1,750	met	0	n/a
18	1,800	1,710	1,700		10	\$96,000

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.4 Term and Conditions (Cont'd)(G) Portability Volume Commitment (PVC) (Cont'd)

(5) PVC Reduction Option

Annually, upon each anniversary of the commencement of the Term Period, the Customer shall be permitted to reduce its PVC Level, as outlined herein:

- (a) The PVC Reduction Option is available only if the Customer has met the PVC requirements of this Contract Offer during the previous six-month period, as provided in Section 23.3.4 (G) (2) (b) of this Contract Offer, either by meeting the PVC Attainment Review criteria or by making the PVC Attainment Shortfall Payment.
- (b) The PVC Reduction Option lowers Customer's PVC Level; however, the Customer's PVC Level remains subject to increase through the PVC Attainment Review process as provided in Section 23.3.4 (G) (2) of this Contract Offer.
- (c) The Customer must notify the Telephone Company, in writing, within sixty (60) days following the anniversary of the commencement of the Term Period, of its decision to reduce the PVC Level, to be effective during the year of the Term Period in which notice is provided. The Customer shall include in its notice a PVC Reduction Amount, which shall be the amount of the reduction the customer has chosen, expressed in PVC Units.
- (d) A PVC Reduction Charge shall be calculated by multiplying the PVC Reduction Amount by \$1,600, then multiplying that amount by the PVC Term Factor, as provided in Table E:

Table E:

	PVC Term Factor
Completion of Year 1	24
Completion of Year 2	18
Completion of Year 3	12
Completion of Year 4	6

Example: PVC Reduction

Customer requests a PVC Reduction of 10 PVC Units upon the completion of Year 2. PVC Reduction Charge is calculated as follows:

Requested PVC Reduction x \$1,600 x PVC Term Factor =
PVC Reduction Charge
10 x \$1,600 x 18 = \$288,000

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 - Broadband Plan - Service Offer (Cont'd)23.3.5 Migration of Subject Services from Level I to Level II

Eligible Level I circuits may migrate to Level II of this Contract Offer. Migration from Level I to Level II may occur either automatically under defined circumstances (Type I Migration) or at the option of the Customer (Type II Migration), as further provided below. Upon migration, migrated circuits shall be subject to TSA₃ Rates and Charges, as provided in Section 23.3.7 of this Contract Offer.

(A) Migration Eligibility

Level I circuits must meet the following qualifications to be deemed eligible to migrate to Level II.

- (1) Level I circuits eligible for migration cannot be included in a promotional tariff or contract offering of any kind.
- (2) Level I circuits shall continue to be subject to the rates, terms and conditions of the otherwise applicable tariffs, including any otherwise applicable term payment plans. Upon expiration of existing term payment plans for Level I circuits the Customer must select one of the following options for the circuits to remain eligible for Level II status:
 - (a) Circuits may be provided according to Monthly Extension Rates; or
 - (b) Circuits may be renewed for terms equal to the existing terms; or
 - (c) Circuits may be renewed for terms shorter than the existing terms.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.5 Migration of Subject Services from Level I to Level II
(Cont'd)(B) Rank Ordered Migration List

- (1) Upon completion of each PVC Attainment Review, the Telephone Company will provide the Customer a Rank Ordered Migration List of eligible Level I circuits. Type I and Type II Migration to Level II will be based on this list. To be included on the Rank Ordered Migration List, circuits must remain eligible for migration, as provided Section 23.3.5 (A) of this Contract Offer.
- (2) Level I circuits eligible for migration will be included in the Rank Ordered Migration List. The first criterion for the rank ordering shall be the service term applicable to each circuit (Expired Plans, 1 yr, 2 yr, 3yr, 4 yr and 5 yr respectively). The second criterion for the rank ordering shall be oldest Service Establishment Date. Both the service term and Service Establishment Date shall be determined according to the end-user termination rate element in the Telephone Company's billing records.

(C) Type I Migration

Type I Migration shall occur automatically if, upon any PVC Attainment Review, the PVC Measurement exceeds the PVC Level. For each PVC Unit by which the PVC Measurement exceeds the PVC Level, one PVC Unit shall be migrated from Level I to Level II. The order of migration shall be determined according to the Rank Ordered Migration List. TSA₃ pricing shall apply to all circuits subject to Type I Migration, effective on the first day of the subsequent PVC Attainment Review Period.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.5 Migration of Subject Services from Level I to Level II (Cont'd)(D) Type II Migration

Type II Migration shall be permitted at the Customer's option, as provided in this Section 23.3.5 (D)

- (1) The Customer must submit a written request to the Telephone Company meeting the following requirements:
 - (a) The Customer's request must be received by the Telephone Company within sixty (60) days after the completion of the last day of the six-month PVC Attainment Review Period; and
 - (b) The request must include the specific number of PVC Units to be migrated.
- (2) The order of migration shall be determined according to the Rank Ordered Migration List.
- (3) TSA₃ pricing will apply to all circuits subject to Type II Migration, effective on the date the Telephone Company receives the Customer's written request.
- (4) A one-time migration charge will apply, as provided in Table F:

Table F: One-Time Migration Charge per PVC Unit

Cumulative Net Adds	Migration Charge (<i>per PVC Attainment Review Period</i>)							
	12	18	24	30	36	42	48	54
0 - 75	\$10,595							
76 - 125	\$8,965							
126 - 200	\$7,335							
201 - 300	\$5,705							
301 - 425	\$4,075							
426 - 575	\$2,445							
576 - 725	\$815							
726 +	\$0							
Less than 400	<i>Not Eligible for Type II</i>							
Greater than 400			\$2,445		\$1,630		\$815	

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.6 Termination Liability Credits for Renewed Level I Circuits

If the customer renews a Level I circuit as provided in Section 23.3.5 (A) (2) and that circuit is subsequently disconnected before the completion of its renewal term, the Telephone Company will credit the Customer 50% of the otherwise applicable Termination Liability charges billed to the Customer if the following requirements are met:

- (A) The original term plan for the disconnected circuit must expire after the commencement of the Term Period of this Contract Offer; and
- (B) The Customer must renew the Level I circuit as provided in Section 23.3.5 (A); and
- (C) The renewed Level I circuit must be disconnected before the completion of the first year of the Term Period of this Contract Offer; and
- (D) The Customer must pay all billed Termination Liability charges by their applicable due date.

Upon validation of compliance with the eligibility criteria, the Telephone Company will process a billing credit each quarter to the Customer.

(N)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.7 Rates and Charges(A) Target Service Areas (TSA)

Eligible MSAs have been grouped into TSA₁, TSA₂ or TSA₃ for purpose of applying the Rates and Charges as described in this section of the Contract Offer.

TSA₃
Reno, NV

(N)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.7 Rates and Charges (Cont'd)(B) Monthly Recurring Charge (MRC)

The Customer must pay the applicable MRC for each rate element listed below. Any rate elements not described below will continue to be billed at the applicable tariff rates as described in NBTC Tariff F.C.C. No. 1.

Rate Element	Applicable USOC	TSA ₁	TSA ₂	TSA ₃
DS3 Service				
Channel Termination	Z3MAC	n/a	n/a	\$900.00
Channel Termination	Z3MAP	n/a	n/a	\$900.00
Channel Mileage Termination	1L5XX	n/a	n/a	\$332.50
Channel Mileage Termination	1L5XX	n/a	n/a	\$35.00
OCN (OC-3/OC-3c)				
Local Distribution Channel	TMECS	n/a	n/a	\$1,300.00
Mileage - Fixed	1L5XX	n/a	n/a	\$886.00
Mileage - per mile	1L5XX	n/a	n/a	\$220.00
OCN (OC-12/OC-12c)				
Local Distribution Channel	TMECS	n/a	n/a	\$3,000.00
Mileage - Fixed	1L5XX	n/a	n/a	\$2,250.00
Mileage - per mile	1L5XX	n/a	n/a	\$220.00

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.7 Rates and Charges (Cont'd)(C) Nonrecurring Charges (NRC)

The Customer must pay the applicable NRC for installation and rearrangement as listed below. Any NRC not listed below will continue to be billed at the applicable tariff rates as described in NBTC Tariff F.C.C. No. 1.

Description	Applicable USOC	NRC
DS3 Service		
Channel Termination	Z3MAC	\$0.00
Channel Termination	Z3MAP	\$0.00

(N)

(N)

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)

23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.8 Assignment/Transfer/Successors

If the Customer wishes to assign or transfer its use of services under this Contract Offer pursuant to NBTC Tariff F.C.C. No. 1, Section 2.1.2 of this Tariff, the Telephone Company will acknowledge such transfer or assignment if the criteria in Section 2.1.2 are met, unless (1) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (A) or (B) below, or (2) if the proposed assignee or transferee or its parent company has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

- (A) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly, more than 50% of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission or if any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.
- (B) The proposed assignee or transferee does not have any outstanding securities rated by credit rating agencies (e.g. Standard and Poor's), but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated "fair" or below in a composite credit appraisal published by Dun and Bradstreet, or "high risk" in a Paydex score as published by Dun and Bradstreet.

23.3.9 Mergers/Acquisitions

The Terms and Conditions of this Contract Offer shall continue in full force and in effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all its stock or assets to any other entity or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, the Subject Services as provided for in this Contract Offer will continue to be maintained at the same volume, rates, terms, and conditions as outlined herein. The Transaction Close Date shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.3 Contract Offer No. 3 – Broadband Plan - Service Offer (Cont'd)23.3.10 Termination Liability

If Customer terminates this Contract Offer the termination liability language contained below applies in lieu of the termination liability language described in NBTC Tariff F.C.C. No. 1. Customer must pay to the Telephone Company termination liability charges as described below if Customer terminates this Contract Offer before the completion of the term period for any reason, or if Customer is not in compliance with Terms and Conditions in Section 23.3.4. These charges shall become due as of the effective date of the termination and are payable within 30 days of the billing invoice date.

Customer's termination liability charges for termination of this Contract Offer shall be equal to a complete reduction of the Portability Volume Commitment as outlined in 23.3.4 (G) (5). The PVC Term Factor shall be based on the longest fully completed year under this Contract Offer at termination.

Upon termination of this Contract Offer, all Subject Services provided under this Contract Offer will subsequently be provided under the prevailing applicable monthly extension rates found in NBTC Tariff F.C.C. No. 1.

If the Customer disconnects a Subject Service provided under this Contract Offer prior to the completion of the one (1) year minimum in service requirement, then the following termination liability charges will apply:

75% of all recurring charges for the balance of the one (1) year term period plus the current applicable NRC charge for a service installed under a one (1) year term payment plan less the NRC charge paid at installation of Subject Service.

The termination liability charge will be calculated as follows:

(Monthly Recurring Charges) multiplied by (Months remaining in order to achieve one (1) year in service) multiplied by (Termination liability percentage of 75%) plus current applicable NRC minus NRC charges already paid.

Example: Customer has \$20,000 in Monthly Recurring Charges for a Subject Service provided under this Contract Offer. The customer paid an NRC of \$550 at installation and the current applicable NRC equals \$750. If Customer terminates service after six (6) months and has six (6) months remaining in order to meet the one (1) year minimum time in service, the termination liability would be calculated as:

$(\$20,000 \times 6 \text{ months} \times 75\%) + (\$750 - \$550) = \$90,250$

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23. Pricing Flexibility Contract Offerings23.4 Contract Offering No. 4 – 2005 Access Extension Offer23.4.1 General Description

Contract Offer No. 4 – 2005 Access Extension Offer is an access discount plan for which subscription is required to the following access tariffs: Ameritech Operating Companies (Ameritech) Tariff F.C.C. No. 2, Southwestern Bell Telephone Company Tariff F.C.C. No. 73, Nevada Bell Telephone Company Tariff F.C.C. No. 1, The Southern New England Telephone Company Tariff F.C.C. No. 39, and Pacific Bell Telephone Company Tariff F.C.C. No. 1. (Ameritech, Southwestern Bell Telephone Company, Nevada Bell Telephone Company, The Southern New England Telephone Company, and Pacific Bell Telephone Company shall be identified herein as the Qualified Companies). To be eligible for discounts under this Contract Offer, the Customer must meet the Eligibility Criteria set forth in Section 23.5.2 and also must comply with all terms and conditions of this Contract Offer.

Contract Offer No. 4 requires eligible customers to establish and maintain a Total Revenue Commitment (TRC), as described in Section 23.4.6 following. The TRC shall include all Contributory Services purchased from the Qualified Companies eligible under this Contract Offer. Contributory Services include Contributory Subject Services, as listed in Section 23.4.5, Table 3, herein, in addition to Contributory Non-Subject Services (that are not Contributory Subject Services), as described in Section 23.4.5, Table 4, herein. Contributory Non-Subject Services shall not be eligible for discounts or other incentives provided under this Contract Offer. All Contributory Services described in Section 23.4.5 must be purchased through the SBC wholesale sales channel (SBC Industry Markets).

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 - 2005 Access Extension Offer (Cont'd)23.4.2 Eligibility Criteria

(N)

(Nx)

The following eligibility criteria must be met to subscribe to Contract Offer No. 4:

(A) Managed Value Plan (MVP) Subscription

(1) At the time of subscription to this Contract Offer, the Customer must have MVP agreements pursuant to

- (a) SWBT Tariff F.C.C. No. 73, Section 38; and
- (b) Ameritech Tariff F.C.C. No. 2, Section 19; and
- (c) Pacific Bell Tariff F.C.C. No. 1, Section 22.

(Nx)

(2) The Customer must maintain eligibility under all MVP agreements until they expire.

(3) Such MVP agreements must all be expiring in 2005.

(B) Customer must have billed revenue from Contributory Services, as listed in Section 23.4.5, net of all discounts, credits, and adjustments equal to or greater than 86.6 percent of 2004 Gross Spend rounded to the nearest million times 7/12's as of August 1, 2005, or must buy up to that amount no later than 60 days after August 1, 2005 in order to qualify and remain qualified for Contract Offer No. 4.

(N)

(Nx)

(C) Concurrent Subscription

The Customer must concurrently subscribe to the identical contract offer of Contract Offer No. 4 pursuant to the following tariffs:

- (1) SWBT Tariff F.C.C. No. 73, Section 41, Contract Offer No. 54;
- (2) Ameritech Tariff F.C.C. No. 2, Section 22, Contract Offer No. 73;
- (3) The Southern New England Telephone Company Tariff F.C.C. No. 39, Section 25, Contract Offer No. 18; and
- (4) Pacific Bell Tariff F.C.C. No. 1, Section 33, Contract Offer No. 65.

(Nx)

(N)

(D) Discounts applied under Contract Offer No. 4 are applicable for services located in MSAs as listed in Tariff F.C.C. No. 1, Section 22.

(N)

(x) Issued under Authority of Special Permission No. 05-037 of F.C.C.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 – 2005 Access Extension Offer (Cont'd)23.4.3 Terms and Conditions(A) Term Period

The contract term (Term Period) will begin when the Customer submits a Letter of Subscription (LOS) and will end on December 31, 2005.

(B) Terms and Conditions

- (1) The Customer must establish and maintain a TRC as described in Section 23.4.6 following.
- (2) Two (2) true-up periods will occur during the Term Period of this Contract Offer:
 - (a) The first true-up will include all billing with respect to periods from the time of subscription to Contract Offer No. 4, up to and including the final MVP true-up, and will take place no later than 30 days after the expiration of the Customer's final MVP regional contract, as described in 23.4.7 (A).
 - (b) The final true-up will include all billing with respect to periods from the first day following the expiration of the Customer's final MVP contract, up to and including December 31, 2005, and will take place no later than 30 days thereafter, as described in 23.4.7(B).
- (3) MVP credits will continue to apply, if applicable. The MVP MATA process will take place as part of the first true-up described in Section 23.4.7 herein.
- (4) Contract Offer No. 4 is only available for subscription from August 4, 2005 through September 3, 2005.
- (5) Any transfer of services from non-SBC wholesale entities/Access Customer Name Abbreviation (ACNA) will require an equivalent increase in the TRC commitment based on the amount of revenue associated with the transferred services. The Customer's maximum Basic Credit Amount will not change as a result of the transfer.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 - 2005 Access Extension Offer (Cont'd)23.4.3 Terms and Conditions (Cont'd)(B) Terms and Conditions (Cont'd)

- (6) Customer will be eligible to subscribe to contract offers in Section 23 (or any successor section) filed prior to (providing the subscription window is still open) or after Contract Offer No. 4, as long as such contract offers do not reduce the TRC under Contract Offer No. 4 and the Customer qualifies for and adheres to the terms, conditions and eligibility requirements of the contract offer. For any contract offer which states that subscribers under such contract offer are not eligible to combine such contract offer with other contract offers, the Customer will not be permitted to earn any Achievement Credits with respect to such purchases, except that for any contract offer that by its terms states that nonrecurring charges apply under such contract offer the Customer will not be eligible to earn Basic or Achievement Credits associated with those nonrecurring charges.
- (7) Terms and Conditions for Contributory Subject Services pursuant to other contract offers the Customer is currently subscribed to at the time of subscription to this Contract Offer, shall continue to apply to those Contributory Subject Services covered under the other contract offers.
- (8) Contributory Services continue to be governed by the respective terms and conditions (including MVP provisions with respect to services subject to MVP for so long as the Customer's MVP subscription remains in effect) as defined in Tariff F.C.C. No. 1, except as noted herein.
- (9) The Customer must subscribe to the services available under this Contract Offer No. 4 in accordance with the regulations set forth in Section 5 - Ordering Options for Switched and Special Access Service.
- (10) The Customer must submit a completed Letter of Subscription (LOS) to the Qualified Companies as described in 23.4.3(A).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.4 Contract Offering No. 4 - 2005 Access Extension Offer (Cont'd)23.4.3 Terms and Conditions (Cont'd)(B) Terms and Conditions (Cont'd)

- (11) The Customer must maintain an Access Service Ratio equal to or greater than 95 percent. The Access Service Ratio is defined in Section 23.4.4 and will be measured monthly.
- (12) The Customer must remit bill payments as described in F.C.C. No. 1 Section 2.4.1 for all Contributory Services via electronic payment process. The Qualified Companies will provide Customer with written notice if Customer fails to comply with the requirement. The Customer will have ten (10) business days from receipt of such written notice to comply. If the Customer does not comply, the Qualified Companies shall have the right to terminate this Contract Offer. In the event of termination by the Qualified Companies, termination liability charges as set forth in Section 23.4.11 will apply. Credits, if applicable, will not be issued until the Customer has paid all billed charges
- (13) If the Customer discontinues service under Contract Offer No. 4 during the Term Period, termination liability charges will apply in accordance with Section 23.4.11.

(N)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.4 Contract Offering No. 4 – 2005 Access Extension Offer (Cont'd)23.4.4 Access Service Ratio

- (A) As referenced in Section 23.4.3, the Customer and its affiliates must maintain an Access Service Ratio of 95 percent or greater. The ratio, calculated monthly, is the Access Revenue divided by Access Revenue plus Wholesale Revenue. To maintain compliance with this Contract Offer, the ratio must be greater than or equal to 95 percent.

The 95-percent ratio is calculated as follows:

$$\frac{\text{Access Revenue}}{\text{Access Revenue} + \text{Wholesale Revenue}}$$

- (1) Access Revenue is the Customer's and its affiliates' current interstate recurring billed revenue associated with the rate elements, as defined in Table 1 below, or comparable interstate access services from all Qualified Companies:

Table 1:

Service	General/Basic Description
Voice Grade	7.7.1
Generic Digital Transport (DS0), High Capacity (DS1 and DS3) Services	7.10.1 & 7.11.1
Optical Carrier Network	21.1
GigaMAN	7.13.1

- (2) Wholesale Revenue is the Customer's and its affiliates' recurring billed revenue for associated rate elements, as defined in Table 2 herein, from all Qualified Companies not included in the interstate or intrastate access tariff(s).

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23. Pricing Flexibility Contract Offerings (Cont'd)23.4 Contract Offering No. 4 – 2005 Access Extension Offer (Cont'd)23.4.4 Access Service Ratio (Cont'd)

(A) (Cont'd)

(2) (Cont'd)

Table 2

Service Level	Associated Rate Elements Not Included in Interstate Tariff
Voice Grade/DS0	2-wire analog and 2-wire digital loops 2-wire analog and digital transport
DS1	4-wire digital loop DS1 Entrance Facilities DS1 Interoffice Transport DS1 Cross Connects DS1 Multiplexing All DS1 non-tariffed Committed Information Rate Broadband Services
DS3	DS3 Loop DS3 Entrance Facilities DS3 Interoffice Transport DS3 Cross Connects DS1/DS3 Multiplexing All DS3 non-tariffed Committed Information Rate Broadband Services
OC-3 OC-12 OC-48	OC-3 Entrance Facilities OC-3 Interoffice Transport OC-3 Cross Connects OC-3 Multiplexing OC-12 Entrance Facility OC-12 Interoffice Transport OC-12 Cross Connects OC-12 Multiplexing OC-48 Entrance Facilities OC-48 Interoffice Transport OC-48 Cross Connects OC-48 Multiplexing All OCN equivalent non-tariffed Committed Information Rate Broadband Service
Other Transport Products	Dark Fiber – Interoffice Dark Fiber – Loop Dark Fiber – Subloop Dark Fiber Cross Connects Unbundled Dedicated Transport

(3) As new rate elements are introduced to Table 1 in this section, all recurring revenues associated with the new rate elements will automatically be added to the Customer's Access Revenue, as defined in this section, for calculation of the Access Service Ratio.

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(N)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 - 2005 Access Extension Offer (Cont'd)23.4.4 Access Service Ratio (Cont'd)

(A) (Cont'd)

(4) As new rate elements are introduced to Table 2 in Section 23.4.4(A)(2), all recurring revenues associated with the new rate elements will automatically be added to the Customer's Annual Wholesale Revenue, as defined in Section 23.4.4(A)(1) preceding, for calculation of the Access Service Ratio.

(5) If the Customer fails to meet the Access Service Ratio in any given month of the Term Period, upon notification from the Qualified Companies, the Customer will have ten (10) business days to notify the Qualified Companies in writing that it will meet or exceed the 95-percent Access Service ratio within 60 days. Failure to achieve compliance in 60 days will constitute a default and Qualified Companies shall have the right to terminate Contract Offer No. 4. In the event of a termination by Qualified Companies, termination liability charges will apply as set forth in Section 23.4.11 following.

Credits will not be issued until the Customer has met the 95 percent Access Service Ratio.

23.4.5 Contributory Services

The TRC shall include all Contributory Services purchased from the Qualified Companies eligible under this Contract Offer. Contributory Services include Contributory Subject Services, as listed in Section 23.4.5, Table 3, herein in addition to Contributory Non-Subject Services (that are not Contributory Subject Services), as described in Section 23.4.5, Table 4, herein.

Contributory Subject Services and Contributory Non-Subject Services shall together be known as Contributory Services. Customer's TRC includes revenue from all Contributory Services being provided by the Qualified Companies, as listed in Table 3 and 4 below.

Any new Special Access services added to the respective tariffs by Qualified Companies during the Term Period will qualify as Contributory Services and will be deemed to be added to the tables below.

(A) Contributory Subject Services

Contract Offer No. 4 applies to pricing flexibility qualified access services (referred to as Contributory Subject Services) located in pricing flexibility Metropolitan Statistical Areas (MSAs) as listed in Tariff F.C.C. No. 1, Section 22. Contributory Subject Services are eligible for discounts and credits under this Contract Offer and are listed in Table 3.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 – 2005 Access Extension Offer (Cont'd)23.4.5 Contributory Services (Cont'd)(B) Contributory Non-Subject Services

Contributory Non-Subject Services (that are not Contributory Subject Services) shall not be eligible for discounts or other incentives provided under this Contract Offer and are listed in Table 4.

Table 3 – Contributory Subject Services

Contributory Subject Services	
Interstate Special Access	VG, DS0, DS1, DS3, OCN PTP, DSRS, SRAS, STN, FGTS, BCS, MON, Gigaman, DAL, Program Audio, Video
Interstate Switched Transport	Entrance Facility, Direct Transport
Includes Recurring and Non-Recurring Charges (including termination charges) associated with the products listed where applicable, except as described in Section 23.4.6 following, for all services located in Pricing Flexibility MSA's.	

Table 4 – Contributory Non-Subject Services

Contributory Non-Subject Services	
Interstate Special Access	VG, DS0, DS1, DS3, OCN PTP, DSRS, SRAS, STN, FGTS, BCS, MON, Gigaman, Opt-E-MAN, DAL, Program Audio, Video
Interstate Switched Transport	Entrance Facility, Direct Transport
Intrastate Special Access	Equivalent services as Interstate Special Access above if available
Includes all Recurring and Non-Recurring Charges (including termination charges) associated with the products listed where applicable, except as described in Section 23.4.6 following, for all non-price flex qualified services.	

All Terms and Conditions for all Contributory Services are governed by their respective tariff sections.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 – 2005 Access Extension Offer (Cont'd)23.4.6 Calculation of the Total Revenue Commitment (TRC)

The Customer must establish and maintain a Total Revenue Commitment (TRC) as provided in this Contract Offer. Upon subscription, the Customer's TRC will be established based on billed revenue from Contributory Services, as listed in Section 23.4.5, net of all discounts, credits, and adjustments as specified in Section 23.4.6 (B)(1)(b), equal to 86.6 percent of 2004 Gross Spend rounded to the nearest million times 5/12's.

Example: Customer's 2004 Gross Spend equals \$121.3M. 86.6% of 121.3M equals \$105M (rounded to the nearest million). 5/12's of \$105M equals \$43.75 TRC.

$$\$121.3M * 86.6\% = \$105M/12 = \$8.75M * 5 = \$43.75M$$

(A) Gross Spend, as defined in Section 23.4.6 (A)(1), (2), (3), (4), (5), and (6), is calculated by taking the sum of all of the purchases from the Qualified Companies, as described in Section 23.4.5 preceding, based on billed revenue. The Gross Spend is net of all discounts from existing optional payment plans or other tariffs or offers utilized by the Customer as of the date of subscription to this Contract Offer, any renewals, replacements or extensions of the foregoing, and any underlying tariff performance credits, but does not include discounts received under MVP (MARC or SLA credits).

(1) Interstate Special Access recurring charges billed to the Customer associated with services described in Section 23.4.5 Table 3 and 4 preceding.

(2) Interstate Special Access non-recurring charges billed to the Customer (including, but not limited to, items such as termination liability charges, expedite charges, cancellation charges, rearrangement charges, installation charges, and access order charges) except as noted in 23.4.6(A)(6).

(3) Intrastate Special Access recurring charges billed to the Customer associated with services described in Section 23.4.5 Table 4 preceding.

(4) Intrastate Special Access non-recurring charges billed to the Customer (including, but not limited to, items such as termination liability charges, expedite charges, cancellation charges, rearrangement charges, installation charges, and access order charges), except as noted in 23.4.6(A)(6) below.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.4 Contract Offering No. 4 – 2005 Access Extension Offer (Cont'd)23.4.6 Calculation of the Total Revenue Commitment (TRC) (Cont'd)

(A) (Cont'd)

- (5) Interstate Switched Access Dedicated Transport recurring and non-recurring charges (including but not limited to items such as termination liability charges, expedite charges, cancellation charges, rearrangement charges, installation charges, and access order charges) billed to the Customer for rate elements in Table 5 below.

Table 5

Service	General Basic Description
Entrance Facilities	Section 6.7.1(D)1
Direct Trunk Transport	Section 6.7.1(D)2

- (6) Non-recurring charges detailed in 23.4.6(A)(2), (4), and (5) above exclude Special Construction and unregulated time and materials charges (e.g. Inside Wire, Custom Work Orders, etc.).

(B) Application of Credits

The Customer is eligible to receive two (2) types of credits under this Contract Offer.

(1) Basic Credit

The Basic Credit is equal to the difference between the TRC and the purchase of Contributory Services up to 148.9 percent of the TRC (rounded to the nearest million). The Customer will receive Basic Credits on Contributory Subject Services.

- (a) Calculation of the Basic Credit. To determine the amount of Basic Credit the Customer can achieve, the TRC is multiplied by 148.9 percent. This amount less the TRC will equal the potential eligible Basic Credit rounded to the nearest million. If qualified, award of Basic Credit under this Contract Offer shall satisfy the Qualified Companies' Basic Credit obligations.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 – 2005 Access Extension Offer (Cont'd)23.4.6 Calculation of the Total Revenue Commitment (TRC) (Cont'd)(B) Application of Credits (Cont'd)(1) Basic Credit (Cont'd)

(a) (Cont'd)

Example:

The Customer has 2004 Gross Spend of \$121.3M.
86.6 percent of 2004 Gross Spend equals \$105M
rounded to the nearest million.

The TRC is equal to 5/12's of \$105M.
5/12's of \$105M equals \$43.75M

The eligible total Basic Credit available is:

$\$43.75 * 148.9\% = \$65.14M$
 $\$65.14M - \$43.75M = \$21M$ eligible Basic Credits
rounded to the nearest million.

- (b) The following credits issued to the Customer associated with the Contributory Services covered under the TRC (MVP Commitment credits, MVP SLA credits, and credit received under the first true-up attributable to this Contract Offer), but not including any discounts or credits described in 23.4.6(B)(1)(c) below, will be used by the Qualified Companies to satisfy any applicable Basic and Achievement Credit obligations under this Contract Offer.

Example:

The Customer has TRC of \$43.75M. The Customer achieves 148.9 percent of TRC equal to \$65.14M. The Customer has received or is entitled to receive a total of \$7M in MVP Commitment Credits and \$2M in MVP SLA Credits for a total of \$9M in credits unrelated to this Contract Offer.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.4 Contract Offering No. 4 – 2005 Access Extension Offer (Cont'd)23.4.6 Calculation of the Total Revenue Commitment (TRC) (Cont'd)(B) Application of Credits (Cont'd)(1) Basic Credit (Cont'd)

(b) (Cont'd)

Table 6

2004 Gross Spend calculated as described above	86.6 percent of 2004 Gross Spend (rounded)	TRC = 5/12's of 86.6 percent 2004 Gross Spend	148.9 percent of TRC as described above (rounded)
\$121.3M	\$105M	\$43.75M	\$65.14M

Qualified Companies' Basic Credit obligations to the Customer in the amount of \$21M (\$65.14M - \$43.75M, rounded to the nearest million) under Contract Offer No. 4, as described in Table 6, will be satisfied by the \$9M in non-contract related credits acquired by the Customer under MVP and MVP SLA, and \$12M in Basic Credits paid related to this Contract Offer. This amount will be determined at the final true-up period once all other credits have been applied accordingly.

- (c) MVP Commitment credits applicable to periods prior to 2005, MVP SLA credits applicable to periods prior to 2005, or other credits applicable to periods prior to 2005, other discounts from optional payment plans or other tariffs or offers utilized by the Customer as of the date of subscription to this Contract Offer, any renewals, replacements, or extensions of the foregoing, and any underlying tariff performance credits (other than MVP SLA credits) will not be used to satisfy any applicable Basic or Achievement Credit Obligations under this Contract Offer.

The Customer will not pay less than the TRC for the Term Period, except as described in Section 23.4.8 following. If the Customer does not achieve the TRC through the purchase of Contributory Services as of December 31, 2005, the Customer will be required to pay the deficiency.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 – 2005 Access Extension Offer (Cont'd)23.4.6 Calculation of the Total Revenue Commitment (TRC) (Cont'd)(B) Application of Credits (Cont'd)(1) Basic Credit (Cont'd)

(c) (Cont'd)

Basic Credits shall be calculated and awarded on an aggregate basis across the Qualified Companies. If qualified for a Basic Credit, an award of Basic Credit under this Contract Offer shall satisfy any Basic Credit obligations of the other Qualified Companies under the tariff offerings listed in Section 23.4.2(C), and an award of Basic Credit under such other contract offers shall satisfy any Basic Credit obligations under this Contract Offer No. 4.

The total Basic Credit will be increased dollar for dollar to the extent that any amount by which Gross Spend during the Term Period exceeds 148.9 percent of the TRC is attributable to increases in tariff rates effective after March 31, 2005.

Example:

Customer's Gross Spend increased \$10M due to applicable tariff rate increases after March 31, 2005.

Customer exceeds 148.9% of TRC by \$30M.

Of the \$30M, \$10M is added to Basic Credit
\$20M would receive Achievement Credit equal 17%

(2) Achievement Credits

Achievement Credits are those credits the Customer will receive based on purchases of Contributory Subject Services above 148.9 percent of the TRC.

- (a) Achievement Credits are applied to purchase of services as described in Section 23.4.5 in excess of 148.9 percent of the TRC. The amount of applicable credit will be determined based on the amount of Gross Spend above the TRC, as defined in Section 23.4.6 preceding, measured at the final true-up period described in Section 23.4.7 below. The Customer will receive a discount on Contributory Subject Services equal to 17 percent of total revenue above 148.9 percent of the TRC.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 – 2005 Access Extension Offer (Cont'd)23.4.6 Calculation of the Total Revenue Commitment (TRC) (Cont'd)(B) Application of Credits (Cont'd)(2) Achievement Credits (Cont'd)

(a) (Cont'd)

Achievement Credits shall be calculated and awarded on an aggregate basis across the Qualified Companies. If qualified, award of Achievement Credit under this Contract Offer shall satisfy the Qualified Companies' Achievement Credit obligations.

Example:

The Customer has TRC of \$43.75M. The Customer achieves 155 percent of TRC equal to \$67.8M. The Customer will receive \$21M in Basic Credits as described above, and the Customer will receive \$452K in Achievement Credits calculated as follows:

$$(\$67.8\text{M minus (TRC} \times 148.9\%)) \times 17\%$$

$$\begin{aligned} \$67.8\text{M} - \$65.14\text{M} (\$43.75\text{M} \times 148.9\%) &= \$2.66\text{M} \\ \$2.66\text{M} \times 17\% &= \$452\text{K (Achievement Credits).} \end{aligned}$$

Table 7

148.9% of TRC	\$65.14M
Gross Spend Achievement during Term Period (GSA)	\$67.8M
Difference between 148.9% of TRC and GSA	\$2.66M
Credit due for billed revenue above 148.9% of TRC x 17%	\$452K

The Customer receives \$21M in Basic Credits plus \$452K in Achievement Credits for total credits of \$21.452M as described in Table 7.

(3) Transfer of Qualified Services

- (a) Any transfer of services from non-SBC wholesale entities/ACNAs will require an equivalent increase in the TRC based on the amount of revenue associated with the transferred services. The Customer's maximum Basic Credit will not change as a result of the transfer.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 - 2005 Access Extension Offer (Cont'd)23.4.6 Calculation of the Total Revenue Commitment (TRC) (Cont'd)(B) Application of Credits (Cont'd)(3) Transfer of Qualified Services (Cont'd)

(a) (Cont'd)

Example: Customer has a TRC of \$43.75M and is eligible to earn up to a maximum of \$21M in Basic Credits. Customer transfers \$10M of services from a non-SBC wholesale entity. The Customer's new TRC will be \$53.75M (\$43.75M plus \$10M = \$53.75M). The Customer's maximum Basic Credit (\$21M) will not change as a result of the transfer.

23.4.7 True-up Process

To determine TRC achievement, two true-up calculations will be performed as follows:

- (A) First True Up - At the expiration of the final regional MVP agreement, the minimum required revenue will be based on the TRC proportionately divided between the months of 2005, in whole or in part, under MVP and the months of 2005 not under MVP plus 7/12's of 86.6 percent of 2004 Gross Spend as described in Section 23.4.2 preceding.

Example 1: MVP expires 8/31/05. The Customer must meet a minimum of 1/5 of \$43.75M TRC, which is equivalent to \$8.75M plus 7/12's of 86.6 percent of 2004 Gross Spend, as described in Section 23.4.2 preceding.

Example 2: MVP agreements expire 8/31/05 and 10/31/05. The Customer must meet a minimum of 3/5's of \$43.75M TRC, which is equivalent to \$26.25M plus 7/12's of 86.6% of 2004 Gross Spend, as described in Section 23.4.2 preceding.

If the Customer's purchase of Contributory Services, after all credits as described above, is greater than the minimum required revenue at time of true-up, the Customer will receive a Basic Credit equivalent to revenue above the minimum required revenue amount.

If the Customer's purchase of Contributory Services, after all credits as described above, is below the minimum required revenue at the time of true-up, the Customer will be billed the amount required to meet the minimum revenue amount, and will pay such bill pursuant to Section 23.4.7(D).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 – 2005 Access Extension Offer (Cont'd)23.4.7 True-up Process (Cont'd)

- (B) Final True Up - On December 31, 2005 calculation of final TRC achievement will be made to determine any eligible Basic or Achievement credits.

If the Customer's purchase of Contributory Services, after all credits as described above, is greater than the TRC required at time of true-up, the Customer will receive a Basic Credit against Contributory Subject Services equal to the amount above the TRC not to exceed the amount outlined in Section 23.4.6(B) preceding.

Example 3: The Customer's TRC is \$43.75M.
The Customer's purchase of Contributory Services is \$54M.
The Customer will receive Basic Credit equal to \$11.75M.

If the Customer's purchase of Contributory Services, after all credits as described above, is below the TRC at the time of the final true-up, the Customer will be billed the amount required to meet the TRC, and will pay such charge pursuant to Section 23.4.7(D).

Example 4: The Customer's TRC is \$43.75M.
The Customer's purchase of Contributory Services is \$38.75M.
The Customer must pay \$5M.

If the Customer's purchase of Contributory Services, after all credits as described above, is greater than 148.9 percent of the TRC, the Customer will receive a Basic Credit against Contributory Subject Services equal to the difference between the TRC and 148.9 percent of TRC and an Achievement Credit against Contributory Subject Services equal to a 17 percent discount on services above 148.9 percent of TRC.

Example 5: The Customer's TRC is \$43.75M.
The Customer's purchase of Contributory Services is \$67.8M.
The Customer receives \$21M in Basic Credits and \$452K in Achievement credits.

- (C) If, at the time of final true-up the Qualified Companies owe the Customer a Basic Credit amount as described above, the credit will be applied to the Customer's bill no later than 30 days after the final true-up date.
- (D) If, at the time of true-up, the Customer must buy up to meet the TRC as described above, payment must be submitted to the Qualified Companies no later than 30 days after the true-up date.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 - 2005 Access Extension Offer (Cont'd)23.4.8 Service Level Agreement (SLA)

The Qualified Companies will calculate the MVP SLA 1 performance measurement point value and the SLA 2 performance measurement as if it were applicable for the full 2005 calendar year. The Qualified Companies will calculate the MVP SLA 1 performance measurement point value and the SLA 2 performance measurement, as described in F.C.C. 1 Section 22.3(G), as if it were applicable for the full 2004 calendar year. No credits will be rendered with respect to 2005 based on these calculations, but if these calculations show that the Qualified Companies would have paid out a higher amount under the MVP SLAs in calendar year 2005 (if the Customer had been eligible to receive credits under the MVP SLAs through calendar year 2005) than what the Qualified Companies would have paid out under the MVP SLAs in calendar year 2004, the Qualified Companies will determine the difference between what the Qualified Companies paid out under MVP SLA in calendar year 2004 versus what the Customer would have been eligible to receive under MVP SLA if MVP extended through calendar year 2005. If the MVP SLA credit amount the Qualified Companies would have paid out for calendar year 2005 is greater than the MVP SLA credit amount paid out for calendar year 2004, then the MVP SLA credit amount the Customer received in calendar year 2004 will be subtracted from the amount of MVP SLA credit the Customer would have qualified for in calendar year 2005 and, if a positive number, the amount of any difference, less any impact based on an MVP MARC increase, will be deducted from the Customer's TRC.

Any credits due to the Customer resulting from any deduction to the TRC under this section will be determined and applied after the December 31, 2005 true-up process is finalized.

Example A: MVP calendar year 2005 effective SLA credit would be greater than MVP calendar year 2004 SLA credit.

The Customer's MVP MARC = \$30M (with MVP term agreement expiration August 31, 2005).

MVP calendar year 2004 total SLA credit = 1%.

$\$30M * 1\% = \$300K$ total SLA credit received by the Customer in calendar year 2004.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 - 2005 Access Extension Offer (Cont'd)23.4.8 Service Level Agreement (SLA) (Cont'd)Example A: (Cont'd)

MVP calendar year 2005 effective SLA credit the Customer would have received if MVP extended through December 31, 2005 = 2%.

$\$30M * 2\% = \$600K$ total SLA credit the Customer would have received in calendar year 2005.

MVP calendar year 2005 effective SLA credit (\$600K) minus MVP calendar year 2004 credit (\$300K) = \$300K.

The Customer qualifies for a \$300K SLA credit to be applied to the Customer TRC.

$\$105M - \$300K = \$104.7M$ (new TRC).

Example B: MVP calendar year 2005 effective SLA credit is less than or equal to MVP calendar year 2004 SLA credit.

The Customer MVP MARC = \$30M (with MVP term agreement expiration August 31, 2005).

MVP calendar year 2004 total SLA credit = 1%.

$\$30M * 1\% = \$300K$ total SLA credit received by the Customer in 2004.

MVP calendar year 2005 effective SLA credit the Customer would have received if MVP extended through December 31, 2005 = 1%.

$\$30M * 1\% = \$300K$ effective SLA credit the Customer would have received in 2005.

MVP plan year 2005 effective SLA credit (\$300K) minus MVP plan year 2004 SLA credit (\$300K) = \$0.

The Customer does not qualify for any additional SLA credits toward its TRC.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 - 2005 Access Extension Offer (Cont'd)23.4.9 Assignment and Transfer

If the Customer wishes to assign or transfer its use of services under this Contract Offer No. 4 pursuant to F.C.C. No. 1, Section 2.1.2 of this Tariff, the Qualified Companies will acknowledge such transfer or assignment pursuant to the terms of F.C.C. No. 1, Section 2.1.2, unless:

(A) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (1) or (2) below, or

(B) if the proposed assignee or transferee or its parent company has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

(1) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than 50 percent of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission, or if any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.

(2) The proposed assignee or transferee does not have any outstanding securities rated by credit rating agencies (e.g. Standard and Poor's), but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated "fair" or below in a composite credit appraisal published by Dun and Bradstreet, or "high risk" in a Paydex score as published by Dun and Bradstreet.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 - 2005 Access Extension Offer (Cont'd)23.4.10 Mergers and Acquisitions

The terms and conditions of this Contract Offer shall continue in full force and in effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all its stock or assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases any services that are Contributory Services under this Contract Offer No. 4 from the Qualified Companies, the Contributory Services as provided for in this Contract Offer will continue to be maintained at the same volume, rates, terms, and conditions as outlined herein. The Transaction Close Date shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.

The terms and conditions of Section 23.4.9 above do not apply when the merger or acquisition occurs in accordance with the provisions outlined in this section 23.4.10.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 – 2005 Access Extension Offer (Cont'd)23.4.11 Termination Liability Charges

Termination liability language described below applies in lieu of the termination liability language in F.C.C. No. 1, Section 7. If the Customer terminates Contract Offer No. 4 before the expiration of the Term Period, for any reason whatsoever, the Customer must pay the Qualified Companies termination liability charges as described below. These charges shall become due as of the effective date of the cancellation or termination. The Customer must provide written notification ninety (90) days prior to the desired date of termination to the Qualified Companies. This notification must include the date upon which the Customer will terminate the Contract Offer.

If the Customer fails to meet any of the eligibility criteria in Section 23.4.2, or fails to meet any of the terms and conditions in Contract Offer No 4, then the Qualified Companies shall provide the Customer with written notification of such non-compliance and the Customer will have sixty (60) days to return to compliance. If the Customer does not return to compliance within such time period, the Customer will be deemed to have terminated its participation in Contract Offer No. 4, and termination liability charges will apply as stated below and will be payable within thirty (30) days from the time the contract is deemed terminated.

If the Customer terminates its subscription to this Contract Offer prior to September 30, 2005, the Customer must pay termination liability charges in an amount equivalent to a prorated portion of the TRC based upon the remaining months of the TRC as shown below:

(A) Example:

The Customer's TRC is \$43.75M. The Customer terminates the contract on August 31, 2005. The Customer has 4 months remaining on the contract term and will owe \$35M in termination liability

$$\$43.75\text{M}/5 * 4 = \$35\text{M} = \text{in termination liability}$$

If the Customer terminates its subscription to this Contract Offer after September 30, 2005, the Customer must pay termination liability charges in an amount equivalent to a prorated portion of the TRC commitment based upon the remaining months of 2005, as well as any credits received under this Contract Offer.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.4 Contract Offering No. 4 - 2005 Access Extension Offer (Cont'd)23.4.11 Termination Liability Charges (Cont'd)

(B) Example:

The Customer's TRC is \$43.75M. The Customer terminates the contract on October 31, 2005. The Customer has 2 months remaining on the contract term and has received \$5M in the first true-up under this Contract Offer.

$\$43.75\text{M}/5 * 2 = \$17.5\text{M}$ plus
\$5M in first true-up.

$\$17.5\text{M} + \$5\text{M} = \$22.5\text{M}$ in termination liability.

(N)

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23. Pricing Flexibility Contract Offerings23.5 Contract Offering No. 5 – Access Discount Offer23.5.1 General Description

Contract Offer No. 5 – Access Discount Offer is an access discount plan for which subscription is required to the following access tariffs: Ameritech Operating Companies (Ameritech) Tariff F.C.C. No. 2, Southwestern Bell Telephone Company (SWBT) Tariff F.C.C. No.73, Nevada Bell Telephone Company (NBTC) Tariff F.C.C. No. 1, The Southern New England Telephone Company (SNET) Tariff F.C.C. No. 39, and Pacific Bell Telephone Company (PBTC) Tariff F.C.C. No. 1. To be eligible for discounts under this Contract Offer, the Customer must meet the Eligibility Criteria set forth in Section 23.5.2, and also must comply with all terms and conditions of this Contract Offer.

Contract Offer No. 5 requires eligible customers to establish and maintain a Total Revenue Commitment (TRC), as described in Section 23.5.6 following. The TRC shall include all Contributory Services subject to this Contract Offer. Contributory Services include Contributory Subject Services, as listed in Section 23.5.5, Table 3, herein, in addition to Contributory Non-Subject Services (that are not Contributory Subject Services), as described in Section 23.5.5, Table 4, herein. Contributory Non-Subject Services shall not be eligible for discounts or other incentives provided under this Contract Offer. All Contributory Services described in Section 23.5.5 must be purchased through the SBC wholesale sales channel (SBC Industry Markets). Any Frame Relay Contributory Services shall be provided pursuant to agreements and/or contracts. Such agreements and/or contracts shall be available for review at the web site established to make public any agreements for these services. Customers may reference <https://www.sbcprimeaccess.com/shell.cfm?section=2501>.

In the event the Customer does not meet its monthly TRC amount, the Customer must remit the shortfall payment via the Monthly True-Up process set forth in Section 23.5.6. If the Customer does not meet the total TRC amount at the end of each Contract Year of the Term Period, the Customer must remit the shortfall payment via the Annual True-Up process set forth in Section 23.5.8. If the Customer does not comply with all terms and conditions of this Contract Offer (exclusive of the terms and conditions of non-tariffed agreements referenced herein) and cure any non-compliance within the cure period set forth in Section 23.5.13(A) of this Contract Offer, termination liability charges, in accordance with Section 23.5.13, will apply. Contract Offer No. 5 will be available only from November 19, 2005 through December 19, 2005.

(x) Issued under Authority of Special Permission No. 05-060 of F.C.C.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.2 Eligibility Criteria

(N)

(Nx)

The following eligibility criteria must be met to subscribe to Contract Offer No. 5:

(A) Managed Value Plan (MVP) Subscription

(1) At the time of subscription to this Contract Offer, the Customer must be, or have been, a participant under MVP agreements within the last 90 days, pursuant to:

- (a) SWBT Tariff F.C.C. No. 73, Section 38;
- (b) Ameritech Tariff F.C.C. No. 2, Section 19; and
- (c) Pacific Bell Tariff F.C.C. No. 1, Section 22.

(Nx)

(N)

(2) The Customer must maintain eligibility under all MVP agreements until they expire.

(3) All such MVP agreements must expire in 2005.

(B) As of December 1, 2005, the Customer must have billed revenue from Contributory Services, as listed in Section 23.5.5, net of all discounts, credits, and adjustments equal to or greater than 86.5 percent of the Customer's Gross Spend (as defined in Section 23.5.6) for the calendar year 2004, rounded to the nearest million, times 11/12's; or, if the Customer's Gross Spend as of December 1, 2005 is less than that amount, the Customer must pay the Telephone Company, or any of its affiliated telephone companies as described in Section 23.5.2(C), an additional amount sufficient to make up the shortfall from that amount, no later than 60 days after December 1, 2005.

(C) Concurrent Subscription

(N)

(Nx)

The Customer must concurrently subscribe to the identical Contract Offer of Contract Offer No. 5 pursuant to the following tariffs:

- (1) Ameritech Tariff F.C.C. No. 2, Section 22, Contract Offer No. 90;
- (2) PBTC Tariff F.C.C. No. 1, Section 33, Contract Offer No. 74;
- (3) SNET Tariff F.C.C. No. 39, Section 25, Contract Offer No. 22; and
- (4) SWBT Tariff F.C.C. No. 73, Section 41, Contract Offer No. 66.

(Nx)

(N)

Breach, cancellation or termination of any of these Contract Offers after the expiration of any cure provisions described in this Contract Offer, shall constitute a breach, cancellation or termination of all of these Contract Offers.

(D) Discounts applied under Contract Offer No. 5 are applicable for Contributory Subject Services located in MSAs as listed in Tariff F.C.C. No. 1, Section 22.

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(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.3 Terms and Conditions(A) Term Period

The term of this Contract Offer (Term Period) will begin on December 1, 2005 and end on December 31, 2007, upon submission of a signed Letter of Subscription.

(B) Terms and Conditions

- (1) The Customer must establish and maintain a TRC as described in Section 23.5.6.
- (2) A True-up will take place each month during the Term Period and annually at the end of each Contract Year, as defined in Section 23.5.6.
 - (a) With respect to each month's billing, the monthly true-up will include all qualified billing from Contributory Services, as described in 23.5.6(B), and will take place no later than 60 days after the end of the month, as described in Section 23.5.8,
 - (b) With respect to each Contract Year's billing, the annual true-up will include all qualified billing from Contributory Services, as described in Section 23.5.6, and will take place no later than 60 days after December 31, as described in 23.5.8, .
- (3) MVP credits will continue to apply, if applicable, until expiration of the MVP agreement.
- (4) Contract Offer No. 5 is available for subscription only from November 19, 2005 through December 19, 2005.
- (5) Any Customer-requested transfer of services purchased from SBC non-wholesale entities or channels, or purchased by the Customer under a different Access Customer Name Abbreviation (ACNA) than those identified at time of subscription, will require an equivalent increase in the Customer's TRC commitment based on the amount of revenue associated with the transferred services. The Customer's maximum Basic Credit amount will not change as a result of this transfer.
- (6) Any conversion of UNE or equivalent offerings to Contributory Subject Services, subject to this Contract Offer, will result in an increase in the TRC commitment equal to the revenue associated with those Contributory Subject Services and according to the rates that would apply to those Contributory Subject Services under this Contract Offer. This increase will apply to the TRC each subsequent year of the Term Period.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.3 Terms and Conditions (Cont'd)(B) Terms and Conditions (Cont'd)

- (7) The Customer will be eligible to subscribe to contract offers in Section 23 (or any successor section) filed after Contract Offer No. 5, in combination with this Contract offer, unless such contract offer states that it may not be combined with other contract offers, or as long as such contract offers do not reduce the TRC under this Contract Offer and the Customer qualifies for, and adheres to the terms, conditions and eligibility requirements of the other contract offer.
- (a) If the Customer has subscribed to any other contract offer and chooses to terminate the other contract offer for purposes of subscribing to this Contract Offer, any termination liabilities provided in the other contract offer will apply according to the terms of the other contract offer.
- (b) If the Customer purchases Contributory Subject Services pursuant to another contract offer, in addition to this Contract Offer No. 5, the Customer will not be eligible to earn Achievement Credits with respect to any charges that apply under the other contract offer.
- (c) If the Customer purchases Contributory Services pursuant to another contract offer that states it may not be combined with other contract offers, the Contributory Services purchased under the other contract offer will not count toward achievement of Gross Spend or TRC under this Contract Offer.
- (8) The Customer may choose to remove from this Contract Offer services provided under one or more Access Customer Name Abbreviations (ACNA's) without liability; however, the TRC commitment will not be reduced and the Access Service Ratio under Contract Offer No. 5 will continue to apply.
- (9) Terms and Conditions for Contributory Subject Services, pursuant to other contract offers the Customer is currently subscribed to at the time of subscription to this Contract Offer, shall continue to apply to those Contributory Subject Services covered under the other contract offers.
- (10) Contributory Services continue to be governed by the otherwise applicable rates, terms and conditions provided in Tariff F.C.C. No. 1 except as noted herein.
- (11) The Customer must subscribe to the services available under this Contract Offer in accordance with the regulations set forth in Section 5 – Ordering Options for Switched and Special Access Service.
- (12) The Customer must submit a Letter of Subscription (LOS) to the Telephone Company as described in Section 23.5.3(A).

(N)

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.3 Terms and Conditions (Cont'd)(B) Terms and Conditions (Cont'd)

- (13) The Customer must maintain an Access Service Ratio equal to or greater than 95 percent, except as described in Section 23.5.11 (B). The Access Service Ratio is defined in Section 23.5.4, and will be measured monthly.
- (14) Commingling, as defined in Tariff F.C.C. No. 2, Section 2.6, of Subject Services under this Contract Offer, is prohibited.
- (15) The Customer shall be permitted to Groom Contributory Subject Services subject to this Contract Offer as provided in this Section. Grooming is defined as moving, rearranging, or rolling over circuits subject to this Contract Offer without disconnecting the end user locations of those circuits. During Contract Years 2 and 3 (and during Years 4 and 5, if the Customer has exercised extension options), the Customer shall be permitted to Groom up to 9,000 circuits subject to this Contract Offer per year. The sum of all circuits groomed under the individual contract offers listed in Section 23.5.2 (C) cannot exceed 9,000. Grooms shall be scheduled and managed on a monthly basis according to the otherwise applicable operational methods and procedures.
- (16) The Customer must remit bill payments as described in F.C.C. No. 1 Section 2.4 for all Contributory Services via electronic payment process. The Telephone Company will provide Customer with written notice if Customer fails to comply with the requirement. The Customer will have fifteen (15) business days from receipt of such written notice to comply. If the Customer does not comply, the Telephone Company shall have the right to terminate this Contract Offer. In the event of termination of any of the Contract Offers, as described in Section 23.5.2 (C), termination liability charges, as set forth in Section 23.5.13, will apply. Credits, if applicable, will not be issued until the Customer has paid all billed charges.
- (17) If the Customer discontinues service under Contract Offer No. 5 during the Contract Period, termination liability charges will apply in accordance with Section 23.5.13.
- (18) The Customer may exercise Contract Offer extension options as described in Section 23.5.9.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.4 Access Service Ratio

- (A) As referenced in Section 23.5.4, the Customer and its affiliates must maintain an Access Service Ratio of 95 percent or greater, except as described in Section 23.5.11(B) of this Contract Offer. The ratio, calculated monthly, is the Access Revenue divided by Access Revenue plus Wholesale Revenue. To maintain compliance with this Contract Offer, the ratio must be greater than or equal to 95 percent, except as provided in Section 23.5.11.

The 95-percent ratio is calculated as follows:

$$\frac{\text{Access Revenue}}{\text{Access Revenue} + \text{Wholesale Revenue}}$$

- (1) Access Revenue is the Customer's and its affiliates' current interstate recurring billed revenue associated with the rate elements, as defined in Table 1 below, or comparable interstate access services, from the Telephone Company or its affiliated telephone companies in any of the Contract Offers as described in Section 23.5.2(C):

Table 1:

Service	General/Basic Description
Voice Grade	7.7.1
High Capacity Services	7.11.1
Optical Carrier Network (OCN)	21.1
GigaMAN	7.13.1

Any shortfall payments remitted to meet the monthly TRC commitment will be included in the Access Revenue calculation for the applicable month.

- (2) Wholesale Revenue is the Customer's and its affiliates' recurring billed revenue for associated rate elements, as defined in Table 2 herein, from the Telephone Company or its affiliated telephone companies, in any of the Contract Offers as described in Section 23.5.2 (C) and not included in the interstate or intrastate access tariff(s).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.4 Access Service Ratio (Cont'd)

(A) (Cont'd)

(2) (Cont'd)

**Table 2 UNE OR EQUIVALENT OFFERINGS NOT PURCHASED
PURSUANT TO THIS AGREEMENT**

Service Level	Associated Rate Elements Not Included in Interstate Tariff
Voice Grade/DS0	2-wire analog and 2-wire digital loops 2-wire analog and digital transport
DS1/LTI	4-wire digital loop DS1 Entrance Facilities DS1 Interoffice Transport DS1 Cross Connects DS1 Multiplexing All DS1 non-tariffed Committed Information Rate Broadband Services
DS3/LT3	DS3 Loop DS3 Entrance Facilities DS3 Interoffice Transport DS3 Cross Connects DS1/DS3 Multiplexing All DS3 non-tariffed Committed Information Rate Broadband Services
	OC-3 Entrance Facilities OC-3 Interoffice Transport OC-3 Cross Connects OC-3 Multiplexing OC-12 Entrance Facility OC-12 Interoffice Transport OC-12 Cross Connects OC-12 Multiplexing OC-48 Entrance Facilities OC-48 Interoffice Transport OC-48 Cross Connects OC-48 Multiplexing All OCN equivalent non-tariffed Committed Information Rate Broadband Service
Other Transport Products	Dark Fiber – Interoffice Dark Fiber – Loop Dark Fiber – Subloop Dark Fiber Cross Connects Unbundled Dedicated Transport

(3) Services purchased pursuant to a Local Wholesale Complete (LWC) Agreement shall not be included in the calculation of the Customer's Access Service Ratio.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.4 Access Service Ratio (Cont'd)

(A) (Cont'd)

- (4) As new rate elements are introduced to Table 1 in this section, all recurring revenues associated with the new rate elements will automatically be added to the Customer's Access Revenue, as defined in this section, for calculation of the Access Service Ratio.
- (5) As new rate elements are introduced to Table 2 in Section 23.5.4(A)(2), all recurring revenues associated with the new rate elements will automatically be added to the Customer's Annual Wholesale Revenue, as defined in Section 23.5.4(A) preceding, for calculation of the Access Service Ratio.
- (6) Except as provided in Section 23.5.11, if the Customer fails to meet the Access Service Ratio in any given month of the Contract Period, upon notification from the Telephone Company as described in Section 23.5.2 (C), the Customer will have ten (10) business days to notify the Telephone Company in writing that it will meet or exceed the 95-percent Access Service ratio within 60 days. Failure to achieve compliance in 60 days will constitute a default, and the Telephone Company shall have the right to terminate Contract Offer No. 5. In the event of a termination by the Telephone Company, termination liability charges will apply as set forth in Section 23.5.13.
- Credits will not be issued for any month the Customer fails to meet the Access Service Ratio as described in Section 23.5.6 following.

23.5.5 Contributory Services

The TRC shall include all Contributory Services purchased from the Telephone Company and its affiliated telephone companies in any of the contract offers, as described in Section 23.5.2 (C), eligible under this Contract Offer. Contributory Services include Contributory Subject Services, as listed in Section 23.5.5, Table 3, herein, in addition to Contributory Non-Subject Services (that are not Contributory Subject Services), as described in Section 23.5.5, Table 4, herein.

Contributory Subject Services and Contributory Non-Subject Services shall together be known as Contributory Services. Customer's TRC includes revenue from all Contributory Services being provided by the Telephone Company and its affiliated telephone companies in any of the contract offers described in Section 23.5.2 (C), as listed in Table 3 and 4 below.

(A) Contributory Subject Services

Contract Offer No. 5 applies to pricing flexibility qualified access services (referred to as Contributory Subject Services) located in pricing flexibility Metropolitan Statistical Areas (MSAs) as listed in Tariff F.C.C. No. 1, Section 22. Contributory Subject Services are eligible for discounts and credits under this Contract Offer and are listed in Table 3.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.5 Contributory Services (Cont'd)(B) Contributory Non-Subject Services

Contributory Non-Subject Services (that are not Contributory Subject Services) shall not be eligible for discounts or other incentives provided under this Contract Offer, and are listed in Table 4 below.

Table 3 – CONTRIBUTORY SUBJECT SERVICES

Contributory Subject Services	
Interstate Special Access	VG, DS0, DS1, DS3, OCN PTP, DSRS, SRAS, STN, FGTS, BCS, MON, Gigaman
Interstate Switched Transport	Entrance Facility, Direct Transport
Includes Recurring and Non-Recurring Charges (including termination charges) associated with the products listed where applicable, except as described in Section 23.5.6 following, for all services located in Pricing Flexibility MSAs.	

Table 4 – CONTRIBUTORY NON-SUBJECT SERVICES

Contributory Non-Subject Services	
Interstate Special Access	VG, DS0, DS1, DS3, OCN PTP, DSRS, SRAS, STN, FGTS, BCS, MON, Gigaman, Opt-E-MAN
Interstate Switched Transport	Entrance Facility, Direct Transport as described in Table 6, following.
Intrastate Special Access	Equivalent services as Interstate Special Access above if available
Intrastate Switched Access	Equivalent services as described in Table 6 following.
Advanced Services	Frame Relay Service
Includes all Recurring and Non-Recurring Charges (including termination charges) associated with the products listed, where applicable, except as described in Section 23.5.6 following, for all non-price flex qualified services.	
Frame Relay services shall be provided pursuant to agreements and/or contracts. Such agreements and/or contracts shall be available for review at the web site established to make public any agreements for these services. Customers may reference https://www.sbcprimeaccess.com/shell.cfm?section=2501 .	

All Terms and Conditions for all Contributory Services are governed by their respective tariff sections.

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(N)
(Nx)
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(Nx)
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(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.6 Calculation of the Total Revenue Commitment (TRC)

The Customer must establish and maintain a Total Revenue Commitment (TRC) as provided in this Contract Offer. Upon subscription, the Customer's TRC will be established, as described in Table 5 below, based on billed revenue from Contributory Services, as listed in Section 23.5.5, net of all discounts, credits, and adjustments as specified in Section 23.5.6(B).

The Contract Year shall be each Calendar Year, or fraction thereof, to which this Contract Offer applies, as described in Table 5 below.

Table 5

Contract Year	2005 (Dec)	2006	2007
TRC equals	86.5% of 2004 Gross Spend described in (A) below, rounded to the nearest million dollars, times 1/12's	2005 TRC times 12 times 89.7%, rounded to the nearest million dollars	2005 TRC times 12 times 83.4%, rounded to the nearest million dollars

(A) Gross Spend shall include all billed revenue for services identified in Section 23.5.6(A), and shall be based on the sum of all of the purchases from the Telephone Company and its affiliated telephone companies, including all of the contract offers as described in Section 23.5.2 (C), as described in Section 23.5.5 preceding, based on billed revenue. The Gross Spend is calculated as billed revenue, prior to the application of MVP discounts, MVP Service Level Agreement (SLA) credits and Discount Value Plan (DVP) credits, but after all other tariff term plan discounts, and other underlying tariff performance credits.

- (1) Interstate Special Access recurring charges billed to the Customer associated with services described in Section 23.5.5 Table 3 and 4 preceding.
- (2) Interstate Special Access non-recurring charges billed to the Customer (including, but not limited to, items such as termination liability charges, expedite charges, cancellation charges, rearrangement charges, installation charges, and access order charges), except as noted in 23.5.6(A)(7).
- (3) Intrastate Special Access recurring charges billed to the Customer associated with services described in Section 23.5.5 Table 4 preceding.
- (4) Intrastate Special Access non-recurring charges billed to the Customer (including but not limited to items such as termination liability charges, expedite charges, cancellation charges, rearrangement charges, installation charges, and access order charges), except as noted in 23.5.6(A)(7).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.6 Calculation of the Total Revenue Commitment (TRC) (Cont'd)

(A) (Cont'd)

- (5) Interstate Switched Access Dedicated Transport recurring and non-recurring charges (including, but not limited to, items such as termination liability charges, expedite charges, cancellation charges, rearrangement charges, installation charges, and access order charges) billed to the Customer for rate elements in Table 6 below.

Table 6

Service	General Basic Description
Entrance Facilities	Section 6.8.1
Direct Trunk Transport	Section 6.8.1

- (6) Intrastate Switched Access Dedicated Transport recurring and non-recurring charges (including, but not limited to, items such as termination liability charges, expedite charges, cancellation charges, rearrangement charges, installation charges, and access order charges) billed to the Customer and remitted for rate elements equivalent to those described in Table 6 above.
- (7) Non-recurring charges identified in 23.5.6(A)(2), (4), (5) and (6) exclude Special Construction and unregulated time and materials charges (e.g. Inside Wire, Custom Work Orders, etc.)

(B) Application of Credits

The Customer is eligible to receive two (2) types of credits under this Contract Offer. For the purposes of this Contract Offer, Customer will receive any applicable credits (the Basic Credit and Achievement Credit) through the SBC wholesale sales channel for all of the contract offers as described in Section 23.5.2 (C). The sum of all Basic Credits applicable under the individual contract offers listed in Section 23.5.2 (C) cannot exceed the total maximum Basic Credit described in Table 7 following. Award of the credits described below under this Contract Offer shall satisfy the credit obligations of the Telephone Company and its affiliated telephone companies to the Customer, as described in Section 23.5.2(C).

(1) Basic Credit

The Basic Credit for each Contract Year shall be equal to the Gross Spend of Contributory Services minus the TRC, but not to exceed the Maximum Basic Credit as described in Table 7. This calculation shall be performed at the commencement of the Contract Offer, and the Maximum Basic Credit resulting from these calculations will not change at any time during the Term Period except as described in Section 23.5.11 following. The Customer will receive Basic Credits on Contributory Subject Services on a monthly basis, as provided in Section 23.5.6(B)(1)(b), for each Contract Year and subject to the true-up process described in Section 23.5.8 following.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.6 Calculation of the Total Revenue Commitment (TRC) (Cont'd)(B) Application of Credits (Cont'd)(1) Basic Credit (Cont'd)

- (a) Calculation of the Basic Credit. To determine the amount of Basic Credit the Customer can achieve, the TRC is multiplied by the applicable percent as described in Table 7 below. This amount, less the TRC, will equal the potential Maximum Basic Credit, rounded to the nearest million. If qualified, award of Basic Credit under this Contract Offer shall satisfy the Basic Credit obligations of the Telephone Company and its affiliated telephone companies.

Table 7

Year	TRC	Maximum Basic Credit Amount
2005	86.5% of 2004 Gross Spend described in (A) below, rounded to the nearest million dollars, times 1/12's	310% of TRC minus the TRC amount, rounded to the nearest million dollars
2006	2005 TRC times 12 times 89.7%, rounded to the nearest million dollars	119.6% of TRC minus the TRC amount, rounded to the nearest million dollars
2007	2005 TRC times 12 times 83.4%, rounded to the nearest million dollars	123.7% of TRC minus the TRC amount, rounded to the nearest million dollars

Example A: The Customer has 2004 Gross Spend of \$121.3M. 86.5 percent of 2004 Gross Spend equals \$105M, rounded to the nearest million.

The 2005 TRC is equal to 1/12th of \$105M.
1/12th of \$105M equals \$8.75M

The eligible total Basic Credit available is;

$$\$8.75M \times 310\% = \$27.13M$$

$\$27.13M - \$8.75M = \$18.38M$, rounded to the nearest million, equals potential maximum Basic Credits

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.6 Calculation of the Total Revenue Commitment (TRC) (Cont'd)(B) Application of Credits (Cont'd)(1) Basic Credit (Cont'd)

(a) (Cont'd)

Example B: The 2006 TRC is equal to 2005 TRC times 12 times 89.7 percent, rounded to the nearest million.

$8.75M \times 12 \times 89.7\% = \$94.18M$, rounded to the nearest million

The eligible total Basic Credit available is;

$\$94M \times 119.6\% = \$112.42M$

$\$112.42M - \$94M = \$18.42M$, rounded to the nearest million equals maximum Basic Credits

(b) Application of the Maximum Basic Credit

The TRC will be divided evenly across the number of months for each Contract Year ending December 31st as described below. The resulting monthly average amount will be the Customer's Monthly TRC commitment.

2005 - Contract Year 1 - 1 month
2006 - Contract Year 2 - 12 months
2007 - Contract Year 3 - 12 months

Example:

2005 TRC equal \$8.75M

Maximum Basic Credits will be applied to the Customer's Monthly TRC revenue for Contributory Services, as described in Section 23.5 5 preceding, based on the amount above the Monthly TRC commitment, not to exceed the maximum Basic Credit allowed for each Contract Year as described in Table 7 preceding.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.6 Calculation of the Total Revenue Commitment (TRC) (Cont'd)(B) Application of Credits (Cont'd)(1) Basic Credit (Cont'd)(b) Application of the Maximum Basic Credit (Cont'd)

If the Customer exceeds the Monthly TRC commitment, a credit will be issued on a monthly basis sixty (60) days in arrears. Monthly credits will be issued for every month the Customer maintains eligibility under Contract Offer No. 5 and exceeds the Monthly TRC Commitment, provided, however, that once the maximum Basic Credit is reached, as described in Table 7 preceding, no additional Basic Credits will be given for that Contract Year.

At MVP expiration, a MATA true-up will be conducted to determine the Customer's credit amount or required buy-up amount under MVP. The monthly TRC true-up will be calculated at the same time. Customer will be paid the net amount above the TRC. At the end of the Contract Year, a true-up will be conducted, as described in Section 23.5.8, to determine any additional applicable credits or buy-up amount required.

Example: The Customer's MVP expires on October 31, 2005. Under MVP MATA on October 31, the Customer has met its MARC and is due \$2M in MVP credits (earned in 2005), plus \$1M in MVP SLA credits (earned in 2005), for a total MVP credit amount of \$3M.

The Customer's monthly TRC under this Contract Offer is \$8.75M, and Customer is billed \$9.75M.

The Customer will receive the \$1M under Contract Offer No. 5.

At the Contract Year true-up, the total Gross Spend and total credits paid to the Customer, as described in Section 23.5.6 above, will be calculated to determine any additional applicable credit amount or, if a TRC shortfall occurs, the amount of buy-up the Customer will be billed.

If the Customer does not achieve the Monthly TRC commitment in a given month, the Customer will be billed, and will be required to pay, the amount required to meet the Monthly TRC commitment. This payment must be submitted to the Telephone Company no later than 60 days after the true-up date. Timely payment of this true-up amount to meet Customer's Monthly TRC commitment shall constitute full satisfaction of Customer's Monthly TRC obligation.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.6 Calculation of the Total Revenue Commitment (TRC) (Cont'd)(B) Application of Credits (Cont'd)(1) Basic Credits (Cont'd)(b) Application of the Maximum Basic Credit (Cont'd)

Except as provided in Section 23.5.11, credits will not be issued unless the Customer has met the monthly TRC and the 95 percent Access Service Ratio. Under the Contract Year True-up Process, any credits due to the Customer will be paid, except for those months the Customer was not in compliance with the 95 percent Access Service Ratio, or the Temporary Access Service Ratio set forth in Section 23.5.11. Any Basic Credits paid will not exceed the amount described in 23.5.6, Table 7.

A final true-up will take place at the end of each Contract Year as described in Section 23.5.8.

- (c) Any of the following credits issued to the Customer and associated with the Contributory Services included in the TRC (including MVP Commitment credits earned in 2005, MVP SLA credits earned in 2005, DVP credits, any Basic Credits received pursuant to this Contract Offer) will be applied by the Telephone Company in satisfaction of any applicable Basic and Achievement Credit obligations under this Contract Offer.

Example

The Customer has Contract Year 1 TRC of \$8.75M. The Customer achieves 310 percent of the Contract Year 1TRC, equal to \$27.13M. The Customer has received, or is entitled to receive, a total of \$7M in MVP Commitment Credits and \$2M in MVP SLA Credits, for a total of \$9M in credits unrelated to this Contract Offer.

The Basic Credit obligation of the Telephone Company and its affiliated telephone companies providing service pursuant to the Contract Offers, as described in Section 23.5.2 (C), is \$18M (\$27.13M - \$8.75M, rounded to the nearest million), as illustrated in Table 7. The Basic Credit obligation will be satisfied by the \$9M in non-contract related credits acquired by the Customer under MVP and MVP SLA, plus \$9M in Basic Credits paid pursuant to this Contract Offer. This amount will be determined at the time of the final Contract Year true-up, once all other credits have been applied accordingly.

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.6 Calculation of the Total Revenue Commitment (TRC) (Cont'd)(B) Application of Credits (Cont'd)(1) Basic Credits (Cont'd)

(c) (Cont'd)

The Customer will not pay less than the TRC for the Contract Year. If the Customer does not achieve the TRC at the end of each Contract Year through the purchase of Contributory Services, the Customer will be required to pay the deficiency as full satisfaction of this obligation.

Basic Credits shall be calculated and awarded on an aggregate basis across the concurrently subscribed to contract offers as described in Section 23.5.2 (C). If qualified for a Basic Credit, an award of Basic Credit under this Contract Offer shall satisfy any Basic Credit obligations of the concurrently subscribed to contract offers as described in Section 23.5.2 (C), and an award of Basic Credit under such other contract offers shall satisfy any Basic Credit obligations under this Contract Offer No. 5.

(2) Achievement Credits

Achievement Credits are those credits the Customer will receive based on purchases of Contributory Subject Services above the TRC, plus the maximum Basic Credit Amount, as described in Table 7 preceding. Achievement Credits will not be applicable until the maximum Basic Credit amount has been achieved.

- (a) The Customer may receive Achievement Credits if the Customer's Gross Spend for any Contract Year exceeds the TRC plus the Maximum Basic Credit, as described in Table 7 preceding. The Customer will receive a discount on Contributory Subject Services equal to 17 percent of total revenue above the sum of the TRC, plus the Maximum Basic Credit Amount. Any applicable Achievement Credit will be paid out at the end of each Contract Year.

Achievement Credits shall be calculated and awarded on an aggregate basis across the Telephone Company and its affiliated telephone companies, as they apply to the contract offers as described in Section 23.5.2 (C). If qualified, award of Achievement Credit under this Contract Offer shall satisfy the Telephone Company's Achievement Credit obligations.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.6 Calculation of Total Revenue Commitment (TRC) (Cont'd)(B) Application of Credits (Cont'd)(2) Achievement Credits (Cont'd)

(a) (Cont'd)

Example:

The Customer has TRC for Contract Year 1 of \$8.75M. The Customer achieves 325 percent of TRC equal to \$28.44M. The Customer will receive \$18M in Basic Credits as described above, and the Customer will receive \$223K in Achievement Credits calculated as follows:

$(\$28.44\text{M} \text{ minus } (\text{Contract Year 1 TRC} \times 310\%)) \times 17\%$

$\$28.44\text{M} - \$27.13\text{M} (\$8.75\text{M} \times 310\%) = \$1.31\text{M}$
 $\$1.31\text{M} \times 17\% = \$223\text{K}$ (Achievement Credits).

Table 8

310% of TRC	\$27.13M
Gross Spend Achievement during Contract Year (GSA)	\$28.44M
Difference between 310% of TRC and GSA	\$1.31M
Credit due for billed revenue above 310% of TRC x 17%	\$223K

The Customer receives \$18M in Basic Credits plus \$223K in Achievement Credits, for total credits of \$18.223M, as described in Table 8.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.6 Calculation of Total Revenue Commitment (TRC) (Cont'd)(B) Application of Credits (Cont'd)(3) Transfer of Qualified Services

- (a) The Customer may transfer services purchased from SBC non - wholesale entities or channels, or purchased by the Customer under a different Access Customer Name Abbreviation (ACNA) than those identified under this Contract Offer. Upon such transfer, the Customer's TRC commitment must be increased proportionally, based on the amount of revenue associated with the transferred services. The Customer's Maximum Basic Credit amount will not change as a result of this transfer.

Example:

The Customer has a Contract Year 1 TRC of \$8.75M and is eligible to earn up to a maximum of \$18M in Basic Credits. The Customer transfers \$10M of services from a non-SBC wholesale entity. The Customer's new Contract Year 1 TRC will be \$18.75M (\$8.75M plus \$10M = \$18.75M). The Customer's maximum Basic Credit (\$18M) will not change as a result of the transfer.

This increase in the TRC amount will apply to Contract Year 2 and Contract Year 3, as well as the optional Contract Year Extensions.

23.5.7 Portability

- (A) The Telephone Company will waive termination liability charges for moves and/or disconnection of non-channelized DS1, DS3, OCN PTP services connecting to an end user premise, provided the conditions listed below are met, and provided the Eligibility Criteria in Section 23.5.2, and terms and conditions in Section 23.5.3 have been met. If the Customer both (i) fails to meet the monthly TRC during the Contract period pursuant to Section 23.5.6, and (ii) fails to pay the True-up amount, as defined in Section 23.5.8, or if the Customer fails to comply with the terms and conditions of their underlying term plans, the Customer will be back-billed for termination liability charges that were waived during the Term Period, up to a maximum of two years of such charges, to the extent such termination liability charges would otherwise apply under the relevant underlying term plans. Portability will apply subject to the following terms and conditions:

- (1) Each move and/or disconnection must be from any SBC Tariff as described in Section 23.5.1; and
- (2) Services moved or disconnected must be in the Price Flex MSAs described in Tariff F.C.C. No. 1, Section 22.

(N)

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.7 Portability (Cont'd)

(A) (Cont'd)

- (3) Services must be non-channelized and must include at least one end user termination. The end user must be disconnected.
- (4) The Customer must meet the minimum in-service period for each service, as described below:
 - (a) DS1 – no minimum in-service period;
 - (b) DS3, OC3 and OC12 Point to Point Services – 1 year minimum in-service period; and
 - (c) OC48 and OC192 Point to Point Services – 3 year minimum in-service period;
- (5) The Customer must continue to meet the terms and conditions of any underlying term plan.

23.5.8 End of Contract Year True-up Process

A true-up calculation will be performed at the end of each Contract Year during the Term Period as follows:

- (A) At the end of each Contract Year, the Customer's Gross Spend, as defined in Section 23.5.6 preceding, will be calculated to determine the applicable Basic Credit and Achievement Credits.

For true-up calculation purposes, the Gross Spend for Contract Year 1 will include the Customer's Contributory Service revenue for the full 2005 calendar year. The amount of Contributory Service minimum required revenue at final true-up for Contract Year 1 will be the 2005 TRC, plus 11/12ths of 86.5 percent of the 2004 Gross Spend, rounded to the nearest million. The applicable Basic Credit Amount and Achievement Credit Amount received as a result of this calculation will apply only to the TRC amount included in this Contract Offer, as described in Section 23.5.6 Table 7 preceding.

For Contract Years 2 and 3, the minimum required revenue shall be equal to the TRC.

The Basic Credit Amount shall be equal to the Gross Spend minus the TRC for each year (or, for Contract Year 1, the Gross Spend minus the sum of the TRC plus 11/12ths of 86.5 percent of 2004 Gross Spend), provided, however, that the Basic Credit Amount shall not exceed the amount provided in Section 23.5.6 Table 7 preceding, and will only apply to the TRC amount included in this Contract Offer.

Credits received under this Contract Offer during the Contract Year, as well as any MVP credits earned in 2005, MVP SLA credits earned in 2005, and DVP credits, will be calculated to determine the amount of Basic Credit the Customer has been paid.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.8 End of Contract Year True-up Process (Cont'd)

- (B) If the Customer's Gross Spend for Contributory Services, after all credits and shortfall payments described above, is greater than the minimum required revenue at time of the true-up, the Customer will receive a Basic Credit against Contributory Subject Services equal to the amount above the TRC, not to exceed the amount outlined in Section 23.5.6(B) Table 7 preceding.

Example 1: The Customer's TRC for the first Contract Year is \$8.75M. The Customer's Gross Spend for Contributory Services, after all credits and adjustments as described above, is \$10M. The Customer will receive an additional Basic Credit equal to \$1.25M

If the Customer's Gross Spend for Contributory Services, after all credits and shortfall payments described above, is below the minimum required revenue at the time of the true-up, the Customer will be billed the amount required to meet the minimum required revenue and will pay such charge pursuant to Section 23.5.8 (D).

Example 2: The Customer's TRC for the first Contract Year is \$8.75M. The Customer's Gross Spend for Contributory Services, after all credits and adjustments as described above, is \$7M. The Customer must pay \$1.75M.

If the Customer's Gross Spend for Contributory Services, after all credits and shortfall payments described above, is greater than the TRC times the maximum Basic Credit (plus 11/12ths of 86.5% of 2004 Gross Spend for Contract Year 1), as described in Section 23.5.6, Table 7, the Customer will receive the Maximum Basic Credit against Contributory Subject Services as described above, and an Achievement Credit against Contributory Subject Services (equal to a 17 percent discount on services above the TRC times the maximum Basic Credit amount, plus 11/12ths of 86.5 percent of 2004 Gross Spend for Contract Year 1).

Example 3: The Customer's TRC for the first Contract Year is \$8.75M. The Customer's Gross Spend for Contributory Services after all credits and adjustments as described above, is \$28.44M. The Customer receives \$18M in Basic Credits and \$223K in Achievement Credits.

- (C) If, at the time of final true-up, the Telephone Company or any of its affiliated telephone companies described in Section 23.5.2 (C), owe the Customer a Basic Credit amount as described above, the credit will be applied to the Customer's bill no later than 60 days after the final true-up date.
- (D) If, at the time of true-up, the Customer must make a true-up payment to meet the TRC as described above, the true-up payment must be submitted to the Telephone Company no later than 60 days after the true-up date. The true-up amount will appear on the Customer's monthly invoice.

(N)

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.9 Contract Extension Options

At the Customer's option, the Customer may extend this Contract Offer at the end of the Term Period. The Customer may extend for one year at the end of Term Period (First Extension Option), and may also extend the Contract Offer by another year at the end of the first extension year (Second Extension Option). The First Extension Option and Second Extension Option must be exercised concurrently for all contract offers described in Section 23.5.2(C). Those contract offers may not be extended individually. To exercise either option, the Customer must notify the Telephone Company and its affiliated telephone companies as described in Section 23.5.2 (C), in writing, no later than 60 days prior to the expiration of the Term Period or, for the Second Extension Option, 60 days prior to the expiration of the First Extension Option.

For the First Extension Option, the TRC shall be determined as follows:

The TRC amounts for the First Extension Option will be equal to the last 3 months of qualified Contributory Services revenue in Contract Year 3 times 4 times 83 percent, or the Contract Year 3 TRC, whichever is greater. The maximum Basic Credit will be equal to the TRC times 120 percent minus the TRC amount, less any Basic Credit reductions applied during the Term Period of this Contract Offer, as described in Section 23.5.11(A) following. An Achievement Credit of 17 percent will apply on revenue above 120 percent of the TRC, except as described in Section 23.5.11 (A) following.

Example:

$(\text{TRC} \times 120\% - \text{TRC}) - (\text{any credit reduction as described in Section 23.5.11})$

For the Second Extension Option, the TRC shall be determined as follows:

The TRC amount for the Second Extension Option will be equal to the last 3 months of qualified Contributory Services revenue in Contract Year 4 times 4 times 83 percent, or the Contract Year 4 TRC, whichever is greater. The maximum Basic Credit Amount will be equal to the TRC times 120 percent minus the TRC amount, less any Basic Credit reductions applied during the Term Period of this Contract Offer, or under the First Extension Option as described in Section 23.5.11(A) following.. An Achievement Credit of 17 percent will apply on revenue above 120 percent of the TRC, except as described in Section 23.5.11 (A) following.

Example:

$(\text{TRC} \times 120\% - \text{TRC}) - (\text{any credit reduction as described in Section 23.5.11})$

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.10 Assignment and Transfer

If the Customer wishes to assign or transfer its use of services under this Contract Offer No. 5 pursuant to F.C.C. No. 1, Section 2.1.2 of this Tariff, the Telephone Company will acknowledge such transfer or assignment pursuant to the terms of F.C.C. No. 1, Section 2.1.2, unless:

- (A) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (1) or (2) below, or
- (B) if the proposed assignee or transferee or its parent company has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).
 - (1) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than 50 percent of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission, or if any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.
 - (2) The proposed assignee or transferee does not have any outstanding securities rated by credit rating agencies (e.g. Standard and Poor's), but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated "fair" or below in a composite credit appraisal published by Dun and Bradstreet, or "high risk" in a Paydex score as published by Dun and Bradstreet.

All of the contract offers described in Section 23.5.2(C) must be assigned or transferred concurrently. Those contract offers may not be assigned or transferred individually.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.11 Mergers and Acquisitions

- (A) The terms and conditions of this Contract Offer shall continue in full force and effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all its stock or assets to any other entity, or purchases all stock or substantially all stock or assets of another company (the foregoing generally referred to herein as a merger or acquisition). Any other company involved in such merger or acquisition shall be identified for purposes of this Contract Offer as an Acquired Company, without regard to whether the Customer or the Acquired Company is the surviving entity following the transaction. The Transaction Close Date shall be the date upon which a stock purchase has been completed and/or the final date on which the assets of the acquired/merged company have been purchased. Upon the Transaction Close Date, if the Acquired Company purchases any services that are Contributory Services under this Contract Offer No. 5 from the Telephone Company and each of its affiliated telephone companies in each of the contract offers described in Section 23.5.2 (C), the Contributory Services purchased by the Acquired Company will not count toward the Gross Revenue achievement or TRC amount, and the Contributory Services provided for in this Contract Offer will continue to be maintained at the same volume, rates, terms, and conditions as outlined herein.

Effective upon the Transaction Close Date:

The Acquired Spend shall be calculated for the Acquired Company, including the Acquired Company's billed revenue for Contributory Services consistent with the manner of calculating Gross Spend, as provided in Section 23.5.6(A) of this Contract Offer, plus the Acquired Company's billed revenue for UNE or equivalent offerings, as described in Section 23.5.4, Table 2.

- (1) If the Acquired Spend (calculated based on the billed revenue of the Acquired Company during the three months immediately prior to the Transaction Close Date, times four) is less than or equal to 15 percent of the billed revenue for both Contributory Services and UNE, or equivalent offerings provided to the Customer prior to the Transaction Close Date, this Contract Offer shall remain in force without change, unless Customer includes the Acquired Spend in this Contract Offer, as provided in Section 23.5.11(B) of this Contract Offer.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.11 Mergers and Acquisitions (Cont'd)

(A) (Cont'd)

(2) If the Acquired Spend (calculated based on the billed revenue of the Acquired Company during the three months immediately prior to the Transaction Close Date, times four) is greater than 15 percent of the billed revenue for both Contributory Services and UNE, or equivalent offerings provided to the Customer prior to Transaction Close Date, the following provisions shall apply:

(a) The Customer's Calculated Annual Spend shall be the Customer's actual annualized billed revenue for Contributory Services (calculated as the Customer's billed revenue during the three months immediately prior to the Transaction Close Date, times four). The Ceiling shall be the sum of the TRC plus the Maximum Basic Credit. If the Customer's Calculated Annual Spend is less than the Ceiling, the Customer's Maximum Basic Credit shall be reduced by an amount equal to the difference between the Ceiling and the Calculated Annual Spend. The Customer's TRC shall not change. The reduced Maximum Basic Credit shall apply thereafter throughout the Term Period, unless subsequently reduced pursuant to this provision as a result of a subsequent merger or acquisition. Thereafter, the Customer shall not receive Achievement Credits for any revenue above the Calculated Annual Spend, except as described in Section 23.5.11(A)(3) of this Contract Offer.

Example: The Customer's Year 2 TRC is \$90M and its Maximum Basic Credit is \$18M, for a Ceiling of \$108M (TRC plus Maximum Basic Credit).

On the Transaction Close Date, the Customer's Calculated Annual Spend (billed revenue for Contributory Services during the prior three months, times four) is \$100M. The Customer's TRC remains \$90M, and the Customer's Maximum Basic Credit is reduced to \$10M. The Maximum Basic Credit remains at \$10M thereafter, unless further reduced as a result of a subsequent merger or acquisition.

No Achievement Credits will apply to any revenue over \$100M.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.11 Mergers and Acquisitions (Cont'd)

(A) (Cont'd)

(2) (Cont'd)

- (b) If the Customer's Calculated Annual Spend is equal to or greater than the Ceiling, neither the TRC nor the Maximum Basic Credit shall change, except as provided in Section 23.5.11(A)(3) of this Contract Offer. The Customer shall not receive Achievement Credits for any revenue above the Ceiling during the months after the Transaction Close Date, except as provided in Section 23.5.11(A)(3) of this Contract Offer. Any Achievement Credits earned after the maximum Basic Credit amount has been achieved, but prior to the Transaction Close Date, will continue to apply.

Example: The Customer's Year 2 TRC is \$90M and the Maximum Basic Credit is \$18M for total of \$108M.

On the Transaction Close Date, the Calculated Annual Spend (billed revenue for Contributory Services during the prior three months, times four) is \$112M. The Customer's TRC remains \$90M and the Maximum Basic Credit remains \$18M.

Achievement Credits will apply to Contributory Service revenue during any month after the month in which the Customer reaches the Maximum Basic Credit amount, but before the Transaction Close Date. Achievement Credits will not apply after the Transaction Close Date.

(N)

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.5 Contract Offering No. 5 – Access Discount Offer (Cont'd)23.5.11 Mergers and Acquisitions (Cont'd)

(A) (Cont'd)

- (3) If the Customer wishes to include Contributory Services provided to the Acquired Company in this Contract Offer, the Customer must so notify the Telephone Company within nine (9) months after the Transaction Close Date. If the Customer chooses to include the Acquired Company's Contributory Services in this Contract, the Acquired Spend (calculated based on the billed revenue of the Acquired Company during the three months immediately prior to the date upon which the Customer provides notification pursuant to this provision, times four) will be added to the Customer's then-current TRC. In addition, the revenues resulting from any conversion of UNE or equivalent offerings to qualified Contributory Subject Services, whether voluntary or required, shall also be added to the Customer's then-current TRC, according to the rates that would apply to those Contributory Services under this Contract Offer. The Maximum Basic Credit shall be determined according to Section 23.5.11(A) of this Contract Offer. Achievement Credits will apply to revenue above the Ceiling, beginning upon the date the Customer provides notification pursuant to this provision. Upon including the other company's Contributory Services in this Contract Offer, any pricing flexibility contract offer, or similar intrastate arrangement governing the included services, shall be deemed terminated and any termination liability or other charges will apply, as provided in the previously effective pricing flexibility contract offer or similar intrastate arrangement. The Customer's Maximum Basic Credit amount will not change as a result of this transfer except as described in Section 23.5.11(A)(2)(a) of this Contract Offer. The Access Service Ratio, as described in Section 23.5.4, will be applicable to all of the Customer's affiliates, regardless of their inclusion in, or exclusion from, this Contract Offer (except as described in Section 23.5.11(B) of this Contract Offer). The increase in the Customer's TRC shall apply thereafter, except to the extent the TRC may be further modified pursuant to this Contract Offer.

Example A: The Customer has a Year 2 TRC of \$90M, and the Maximum Basic Credit is \$18M. The Customer acquires another company with annualized Contributory Service revenues of \$40M, and the Customer chooses to add the Acquired Company's Contributory Services business to this Contract Offer. The Customer's new Contract Year 2 TRC will be \$130M (\$90M plus \$40M = \$130M). The Customer's Maximum Basic Credit (\$18M) will not change, except as described in Section 23.5.11(A)(2)(a) of this Contract Offer. The new TRC will apply thereafter, unless the TRC is subsequently changed pursuant to this Contract Offer.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.11 Mergers and Acquisitions (Cont'd)(B) Mergers and Acquisitions Affecting Access Service Ratio

If any merger or acquisition affects the Customer's Access Service Ratio, the Customer and any affiliated entities that existed as of the Transaction Close Date (as determined by the applicable ACNA's) shall comply with the Access Service Ratio requirements of this Contract Offer, as described in Section 23.5.4 of this Contract Offer, subject to the provisions of this Section 23.5.11(B).

If the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all its stock or certain assets to any other entity, or purchases:

- (1) All stock, or substantially all stock or certain assets of another company, and the merger or acquisition will cause the Customer to fall below Access Services Ratio Terms and Conditions as defined in Section 23.5.4, regardless of whether the Customer chooses to include the Acquired Company's Contributory Services in this Contract Offer, the following will apply.

- (a) A Temporary Access Service Ratio will be calculated in a manner consistent with the calculation of the Access Service Ratio as described in Section 23.5.4 of this Contract Offer, for the Acquired Company, for the month immediately following the Transaction Close Date, according to the following formula.

$$\frac{\text{Acquired Company Access Revenue}}{\text{Acquired Company Access Revenue} + \text{Acquired Company Wholesale Revenue}}$$

Example:

$$\frac{\$35\text{M Access}}{\$35\text{M Access} + \$34\text{M Wholesale}}$$

The Temporary Access Services Ratio would be:

50.7%/49.3%

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.11 Mergers and Acquisitions (Cont'd)(B) Mergers and Acquisitions Affecting Access Service Ratio
(Cont'd)

(1) (Cont'd)

- (b) The Temporary Access Service Ratio will apply to the Acquired Company's Contributory Services until the earlier of nine (9) months after the Transaction Close Date, or the date upon which the Customer notifies the Telephone Company of its election to add the Acquired Company's Contributory Services to this Contract Offer, whichever is earlier. While the Temporary Access Service Ratio remains in effect, the Contributory Services of the Acquired Company must at all times meet or exceed the Temporary Access Service Ratio.

Thereafter, a Combined Access Service Ratio shall be calculated according to the following formula:

$$\frac{\text{Combined Access Revenue}}{\text{Combined Access Revenue} + (\text{Combined Wholesale} - \text{Acquired Wholesale Revenue})}$$

The Acquired Wholesale Revenue in the combined equation shall be measured at the earlier of nine (9) months after the Transaction Close Date or the date upon which the Customer notifies the Telephone Company of its election to add the Acquired Company's Contributory Services to this Contract Offer, whichever is earlier.

Example:

$$\frac{\$140\text{M}}{\$140\text{M} + (\$37\text{M} - \$35\text{M})}$$

The combined Access Service Ratio of 98.6%/1.4% exceeds the 95%/5% ratio required.

- (c) Once the Combined Access Service Ratio has been calculated, the combined Company (the Customer and Acquired Company, considered together) must meet or exceed a Combined Access Service Ratio of 95 percent for all services (Contributory and UNE or other equivalent offerings) purchased thereafter. Any wholesale services purchased by the Acquired Company prior to the earlier of the date nine months after the Transaction Close Date, or the date upon which the Customer notifies the Telephone Company of its election to add the Acquired Company's Contributory Services to this Contract Offer, will be deducted from the Combined Wholesale Revenue for purposes of calculating the Combined Access Service Ratio.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.11 Mergers and Acquisitions (Cont'd)(B) Mergers and Acquisitions Affecting Access Service Ratio
(Cont'd)

(1) (Cont'd)

(d) Services included in the calculation of the Temporary Access Service Ratio or the Combined Access Service Ratio shall be the same as those described in Section 23.5.4 of this Contract Offer.

(e) If the Customer and/or the Acquired Company fails to meet or exceed the Temporary Access Service Ratio or the Combined Access Service Ratio, the remedies provided in Section 23.5.4 of this Contract Offer shall apply.

(f) The provisions of this Section 23.5.11 shall apply to each merger or acquisition during the Term Period.

(2) If the Customer chooses to include the Acquired Company's Contributory Services in this Contract Offer, Contributory Services previously provided to the Acquired Company shall be included in this Contract Offer immediately upon the Telephone Company's receipt of the Customer's notice of intent to include them, and the TRC will be increased by the amount of the Acquired Company's qualified revenues. In addition, the monthly TRC will be increased to reflect the conversion of any unbundled network elements and equivalent offerings to Contributory Subject Services subject to this Contract Offer. Any converted services will be billed as Contributory Subject Services subject to this Contract Offer, and will be included in the TRC, effective upon the date on which receives the Customer's request to convert. The Customer's Maximum Basic Credit will not change as a result of the inclusion of the Acquired Company's Contributory Services in this Contract Offer, except as described in 23.5.11(A) preceding. The recalculated monthly TRC will apply for the remainder of that Contract Year. In each subsequent Contract Year, the TRC will continue to include the revenues associated with the Acquired Company's Contributory Services.

(N)

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.12 Cessation of Business

If, at any time during the Term Period, the Telephone Company, or any of its affiliated telephone companies, cease to provide telecommunications services in any MSA subject to this Contract Offer, or any of the other Contract Offers as described in Section 23.5.2 (C), sells or divests its operating assets in any MSA subject to this Contract Offer, or otherwise ceases to provide any of the Contributory Services subject to this Contract Offer, the TRC will be decreased by the amount of the qualified revenue associated with the Contributory Services no longer provided by the Telephone Company or its affiliated telephone companies.

23.5.13 Termination Liability Charges

Termination liability language described below applies in lieu of the termination liability language in F.C.C. No. 1, Section 7 and Section 21. If the Customer terminates Contract Offer No. 5 before the expiration of the Term Period for any reason, except for that defined in 23.5.13 (B) below, the Customer must pay the Telephone Company termination liability charges as described below. These charges shall become due as of the effective date of the cancellation or termination. The Customer must provide written notification to the Telephone Company 90 days prior to the desired date of termination. This notification must include the date upon which the Customer will terminate the Contract Offer.

- (A) If the Customer fails to meet any of the eligibility criteria in Section 23.5.2, or fails to meet any of the terms and conditions in Contract Offer No. 5, then the Telephone Company shall provide the Customer with written notification of such non-compliance, and the Customer will have sixty (60) days to return to compliance. If the Customer does not return to compliance within such time period, the Customer will be deemed to have terminated its participation in Contract Offer No. 5, and termination liability charges will apply as stated in 23.5.13 (C), and will be payable within sixty (60) days from the time the contract is deemed terminated.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.13 Termination Liability Charges (Cont'd)

(B) If the Telephone Company and its affiliated telephone companies providing service pursuant to the contract offers described in Section 23.5.2(C) fail, in the aggregate, to maintain a Network Availability cumulative annual target of 90 percent for all Contributory services for twelve consecutive months, the Customer will have the option to notify the Telephone Company of the Customer's intent to terminate this Contract Offer. The Customer must provide the Telephone Company with ninety (90) days notice of the Customer's intent to invoke this escape clause and return its services to standard special access services. The Telephone Company will have sixty (60) days, from the date that Customer notice is received, to rectify the service problems or the Customer will be allowed to terminate this offering without incurring any termination liability on the services moved to standard Special Access services. If the Telephone Company and its affiliated telephone companies meet the Network Availability targets within sixty (60) days, the Customer will continue to purchase services under this Contract Offer.

The following occurrences will not be included in the measurements described in the calculation of Network Availability:

- (1) In the case of labor disputes, governmental orders, civil commotions, or criminal actions taken against the Telephone Company or its affiliated telephone companies, the Telephone Company and its affiliated telephone companies will be excused for the duration of these events.
- (2) In the case of actions outside of the Telephone Company or its affiliated telephone companies' reasonable control (e.g., catastrophic weather conditions) that have a severe impact on the Telephone Company or its affiliated telephone companies' ability to provision and repair service, the Telephone Company and its affiliated telephone companies will be excused, for the duration of the situation, from the performance measures set forth herein. Any such temporary exemption will apply only to the dispatch area(s) directly affected by the situation, and the Telephone Company and its affiliated telephone companies will return to the levels of performance required hereunder as promptly as is reasonably practicable. To the extent additional dispatch areas are impacted by such a situation, the Telephone Company and its affiliated telephone companies will give prompt notice to the Customer of the scope and nature of such impact so the parties can determine whether additional temporary exemptions from the applicable performance measures are appropriate.
- (3) Performance shall be excused for the duration of any interruptions caused by the negligence of the Customer, the Customer's end-user, or other third parties not affiliated with the Telephone Company or its affiliated telephone companies.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.13 Termination Liability Charges (Cont'd)

(B) (Cont'd)

- (4) Performance shall be excused for the duration of any interruptions of a service due to the failure of equipment or systems provided by the Customer or parties other than the Telephone Company or its affiliated telephone companies.
- (5) Performance shall be excused for the duration of any interruptions of a service during any period in which the Telephone Company or its affiliated telephone companies are not afforded access to the premises where the service is terminated.
- (6) Performance shall be excused for the duration of any interruptions of a service when the Customer has released that service to the Telephone Company or any of its affiliated telephone companies for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in the service during the time that was negotiated with the Customer prior to the release of that service.
- (7) Performance shall be excused for the duration of any interruptions of a service which continue because of the failure of the Customer to authorize replacement of any element of special construction, as set forth in Section 5 and Section 13 of F.C.C. No. 1.
- (8) Performance shall be excused for the duration of any interruptions that occur on facilities that the Customer elected not to release the service to the Telephone Company or its affiliated telephone companies for testing and/or repair.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.5 Contract Offering No. 5 - Access Discount Offer (Cont'd)23.5.13 Termination Liability Charges (Cont'd)

(C) If the Customer terminates its subscription to this Contract Offer prior to the end of the Term Period, for any reason other than described in 23.5.13 (B), the Customer must pay termination liability charges as described below:

Termination of Contract during:

Contract Year 1 - Any credits received under this Contract Offer plus 25% of TRC for remaining months of Term Period

Contract Year 2 - Last 6 months of credit received under this Contract Offer plus 25% of TRC for remaining months of Term Period.

Contract Year 3 - Last 6 months of credit received under this Contract Offer plus 10% of total TRC for Contract Year 3.

Example:

The Customer's 2006 TRC is \$90M. The Customer terminates the contract on April 31, 2006. The Customer has 20 months remaining on the Term Period and has received \$6M in credits under this Contract Offer in the 6 months prior to termination. The customer will owe \$43.4M in termination liability

$\$26.25\text{M} \times 4 = \$105\text{M}$

$\$105\text{M} \text{ times } 89.7\% = \$94\text{M}$

$\$94\text{M}/12 = \$7.8\text{M} \times 8 = \$62\text{M} \times 25\% = \$15.5\text{M}$ for remainder of Contract Year 2

plus

$\$105\text{M} \text{ times } 83.4\% = \$87.5\text{M}$

$\$87.5\text{M} \times 25\% = \$21.9\text{M}$ for Contract Year 3

Contract Year 2 + Contract Year 3 + Last 6 months of credits

$\$15.5\text{M} + \$21.9\text{M} + \$6\text{M} = \$43.4\text{M}$ Termination Liability

(N)

(This page filed under Transmittal No. 114)

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23. Pricing Flexibility Contract Offerings

(N)

23.6 Contract Offer No. 6 - OC-48 Dedicated SONET Ring Service Offer23.6.1 General Description

Contract Offer No. 6 - OC-48 Dedicated SONET Ring Service (OC-48 DSRS) is an access discount pricing plan that permits Customers who meet the Eligibility Criteria in Section 23.6.3 and the Terms and Conditions in Section 23.6.4 to purchase Subject Services in Section 23.6.2 at the discounted rates listed in Section 23.6.5. Subject Services under Contract Offer No. 6 are available only in the Pricing Flexibility Metropolitan Statistical Area (hereafter referred to as MSA) described in Section 23.6.3 (B).

Contract Offer No. 6 is available for subscription from March 11, 2006 through April 11, 2006.

23.6.2 Subject Services

(A) This Contract Offer applies to pricing-flexibility-qualified services (hereafter referred to as Subject Services) contained in the following tariff section(s):

(1) Nevada Bell Telephone Company (NBTC) Tariff F.C.C. No. 1, Section 26 - OC-48 DSRS.

(B) All Terms and Conditions for the Subject Services listed above are governed by their respective tariff sections, except as noted herein.

23.6.3 Eligibility Criteria

The following eligibility criteria must be met to receive the Contract Offer No. 6 discounted rates:

- (A) Services must be pricing flexibility qualified access services listed in Section 23.6.2(A);
- (B) Services must be located in the Reno, NV MSA;
- (C) Subject Services ordered pursuant to this Contract Offer must be new; and
- (D) All traffic must originate or terminate at a Mobile Switching Center (MSC).

(N)

(This page filed under Transmittal No. 122)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.6 Contract Offer No. 6 - OC-48 Dedicated SONET Ring Service Offer
(Cont'd)23.6.4 Terms and Conditions(A) Term Period

The contract term (Term Period) shall be seven (7) years, commencing on the date billing begins. Billing shall commence no later than thirty (30) days after the Telephone Company's completion of the access service request for the OC-48 DSRS. This offer is not renewable.

At the expiration of the Term Period, the Customer may choose from the payment options described in NBTC Tariff F.C.C. No. 1, Section 26 for OC-48 DSRS.

If, at the expiration of the Customer's Contract Term Period, the Customer does not choose to disconnect or select a payment option from the sections above, the Telephone Company will convert the Customer to the prevailing monthly extension rates in Section 22.5.2.12

Rate stability under Contract Offer No. 6 applies only to the rates specific to this Contract Offer, as outlined in Section 23.6.5 of this Contract Offer. Purchase of the services listed above under Contract Offer No. 6 are also subject to certain rates, charges and general terms and conditions, as set forth in Sections 2-General Regulations, 5-Ordering for Access Service, and 13-Additional Engineering, Additional Labor & Miscellaneous Services. Such terms and conditions may be modified through the filing of tariff revisions at any time during the Term Period; however, such tariff modifications will not change the Terms and Conditions described in this Contract Offer.

(N)

(This page filed under Transmittal No. 122)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.6 Contract Offer No. 6 - OC-48 Dedicated SONET Ring Service Offer
(Cont'd)23.6.4 Terms and Conditions (Cont'd)

- (B) Contract Offer No. 6 is available for subscription from March 11, 2006 through April 11, 2006.
- (C) The Customer must submit a Letter of Subscription (LOS) to the Telephone Company.
- (D) If, after the Telephone Company receives the LOS and prior to commencement of the Term Period, the Customer cancels the LOS, cancellation charges will apply. The Customer must pay cancellation charges, which are the actual costs incurred by the Telephone Company up to the date of cancellation.
- (E) The Customer must submit an access service request to the Telephone Company within thirty (30) days of the Telephone Company's receipt of the Customer's LOS. Failure to submit an access service request within the required thirty (30) day interval shall constitute cancellation of the LOS.
- (F) If the Customer discontinues service under Contract Offer No. 6 during the Term Period, termination liability charges shall apply in accordance with Section 23.6.8.
- (G) If the Customer requests additional service, features and functions not included in Section 23.6.5 of this Contract Offer, the Customer will pay the tariff rates for those additions as contained in Section 22 Metropolitan Statistical Area Access Services.
- (H) The Customer shall purchase one (1) new OC-48 DSRS pursuant to this Contract Offer.
- (I) The Customer will not be able to combine this Contract Offer with any other promotional offering, contract offering, or discount plan in conjunction with this Contract Offer.

(N)

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ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.6 Contract Offer No. 6 - OC-48 Dedicated SONET Ring Service Offer
(Cont'd)23.6.5 Rates and Charges(A) OC-48 DSRS Rates and Charges:

The Customer shall pay the following Non-Recurring Charges (NRCs) and Monthly Recurring Charges (MRCs) for the new OC-48 DSRS ordered under this Contract Offer:

NRCs:

Administrative Charge (ORCMX)	\$60
Design and Central Office Connection Charge (NRMCK)	\$600

MRC:

OC-48 Dedicated SONET Ring Service	\$10,964

The new OC-48 DSRS MRC includes the following elements listed in Table A:

Table A

OC-48 Dedicated Ring	USOC	Quantity
Central Office Node	FC5EX	2
Customer Node	FP5EX	1
OC3 Ports	SPRJX	6
DS3 Ports	SPRKX	24

23.6.6 Assignment and Transfer

If the Customer wishes to assign or transfer its use of services under this Contract Offer pursuant to NBTC Tariff F.C.C. No. 1, Section 2.1.2, the Telephone Company will acknowledge such transfer or assignment if the criteria in NBTC Tariff F.C.C. No. 1, Section 2.1.2 are fulfilled, unless 1) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (a) or (b) below, or 2) if the proposed assignee or transferee or its parent has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

- (a) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than 50 percent of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission; or

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.6 Contract Offer No. 6 - OC-48 Dedicated SONET Ring Service Offer
(Cont'd)23.6.6 Assignment and Transfer (Cont'd)

(a) (Cont'd)

If any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.

(b) The proposed assignee or transferee does not have any outstanding securities rated by credit rating agencies, e.g. Standard and Poor's, but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated:

(i) "fair" or below in a composite credit appraisal published by Dun and Bradstreet; or

(ii) "high risk" in a Paydex score as published by Dun and Bradstreet.

23.6.7 Mergers and Acquisitions

The Terms and Conditions of this Contract Offer shall continue in full force and in effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all of its stock or assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, the Subject Services, as provided for in this Contract Offer, will continue to be maintained at the same volume, rates, terms and conditions as outlined herein. The Transaction Close Date shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.6 Contract Offer No. 6 - OC-48 Dedicated SONET Ring Service Offer
(Cont'd)23.6.8 Termination Liability

Termination liability language described below applies in lieu of the termination liability language described in NBTC Tariff F.C.C. No. 1, Section 26. If the Customer discontinues services provided under this Contract Offer before the completion of the Term Period for any reason, the Customer must pay the Telephone Company termination liability charges as described below. Termination liability charges will also apply if the Customer is not in compliance with the Eligibility Criteria in Section 23.6.3, or the Terms and Conditions in Section 23.6.4.

These termination liability charges shall become due as of the effective date of the termination of service and are payable as described below.

The Customer's termination liability charges shall be equal to:

50 percent of all Monthly Recurring Charges for the balance of the Customer's seven (7)year Term Period for the OC-48 DSRS.

The termination liability charge shall be calculated as follows:

(MRCs) multiplied by (Months remaining in billing)
multiplied by (Termination percentage of 50 percent)

Example: Customer with a \$10,964 Monthly Recurring Charge terminates service after three (3) years and has forty-eight (48) months remaining on the seven (7)year Term Period. The termination liability would be calculated as:

$(\$10,964 \times 48 \text{ months}) \times 50\% = \$263,136$ termination liability charge

(N)

(This page filed under Transmittal No. 122)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings

(N)

23.7 Contract Offer No. 7 - OC-48 Dedicated SONET Ring Service Offer23.7.1 General Description

Contract Offer No. 7 - OC-48 Dedicated SONET Ring Service (OC-48 DSRS) is an access discount pricing plan that permits Customers who meet the Eligibility Criteria in Section 23.7.3 and the Terms and Conditions in Section 23.7.4 to purchase Subject Services in Section 23.7.2 at the discounted rates listed in Section 23.7.5. Subject Services under Contract Offer No. 7 are available only in the Pricing Flexibility Metropolitan Statistical Area (hereafter referred to as MSA) described in Section 23.7.3 (B).

Contract Offer No. 7 is available for subscription from May 6, 2006 through June 6, 2006, and is not renewable.

23.7.2 Subject Services

(A) This Contract Offer applies to pricing-flexibility-qualified services (hereafter referred to as Subject Services) contained in the following tariff section(s):

(1) Nevada Bell Telephone Company (NBTC) Tariff F.C.C. No. 1, Section 26 - OC-48 DSRS.

(B) All Terms and Conditions for the Subject Services listed above are governed by their respective tariff sections, except as noted herein.

23.7.3 Eligibility Criteria

The following eligibility criteria must be met to receive the Contract Offer No. 7 discounted rates:

- (A) Services must be pricing flexibility qualified access services listed in Section 23.7.2(A);
- (B) Services must be located in the Reno, NV MSA;
- (C) Subject Services ordered pursuant to this Contract Offer must be new; and
- (D) All traffic must originate or terminate at a Mobile Switching Center (MSC).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.7 Contract Offer No. 7 - OC-48 Dedicated SONET Ring Service Offer
(Cont'd)23.7.4 Terms and Conditions(A) Term Period

The contract term (Term Period) shall be seven (7) years, commencing on the date billing begins. Billing shall commence no later than thirty (30) days after the Telephone Company's completion of the access service request for the OC-48 DSRS. This offer is not renewable.

At the expiration of the Term Period, the Customer may choose from the payment options described in NBTC Tariff F.C.C. No. 1, Section 26, for OC-48 DSRS.

If, at the expiration of the Customer's Contract Term Period, the Customer does not choose to disconnect or select a payment option from the sections above, the Telephone Company will convert the Customer to the prevailing monthly extension rates in Section 22.5.2.12

Rate stability under Contract Offer No. 7 applies only to the rates specific to this Contract Offer, as outlined in Section 23.7.5 of this Contract Offer. Purchase of the services listed above under Contract Offer No. 7 are also subject to certain rates, charges and general terms and conditions, as set forth in Sections 2-General Regulations, 5-Ordering for Access Service, and 13-Additional Engineering, Additional Labor & Miscellaneous Services. Such terms and conditions may be modified through the filing of tariff revisions at any time during the Term Period; however, such tariff modifications will not change the Terms and Conditions described in this Contract Offer.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.7 Contract Offer No. 7 - OC-48 Dedicated SONET Ring Service Offer
(Cont'd)23.7.4 Terms and Conditions (Cont'd)

- (B) Contract Offer No. 7 is available for subscription from May 6, 2006 through June 6, 2006.
- (C) The Customer must submit a Letter of Subscription (LOS) to the Telephone Company.
- (D) If, after the Telephone Company receives the LOS and prior to commencement of the Term Period, the Customer cancels the LOS, cancellation charges will apply. The Customer must pay cancellation charges, which are the actual costs incurred by the Telephone Company up to the date of cancellation.
- (E) The Customer must submit an access service request to the Telephone Company within thirty (30) days of the Telephone Company's receipt of the Customer's LOS. Failure to submit an access service request within the required thirty (30) day interval shall constitute cancellation of the LOS.
- (F) If the Customer discontinues service under Contract Offer No. 7 during the Term Period, termination liability charges shall apply in accordance with Section 23.7.8.
- (G) If the Customer requests additional service, features and functions not included in Section 23.7.5 of this Contract Offer, the Customer will pay the tariff rates for those additions as contained in Section 22, Metropolitan Statistical Area Access Services.
- (H) The Customer shall purchase one (1) new OC-48 DSRS pursuant to this Contract Offer.
- (I) The Customer will not be able to combine this Contract Offer with any other promotional offering, contract offering, or discount plan in conjunction with this Contract Offer.
- (J) The Telephone Company shall waive any termination liability charges that would otherwise apply pursuant to NBTC Tariff F.C.C. No. 1, Section 23, Contract Offer No. 6 for existing Subject Services to be provided under this Contract Offer. Termination liability charges shall otherwise apply according to the terms of the applicable tariff.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.7 Contract Offer No. 7 - OC-48 Dedicated SONET Ring Service Offer
(Cont'd)23.7.5 Rates and Charges(A) OC-48 DSRS Rates and Charges:

The Customer shall pay the following Non-Recurring Charges (NRCs) and Monthly Recurring Charges (MRCs) for the new OC-48 DSRS ordered under this Contract Offer:

NRCs:

Administrative Charge (ORCMX)	\$60
Design and Central Office Connection Charge (NRMCK)	\$600

MRC:

OC-48 Dedicated SONET Ring Service	\$10,964

The new OC-48 DSRS MRC includes the following elements listed in Table A:

Table A

OC-48 Dedicated Ring	USOC	Quantity
Central Office Node	FC5EX	1
Customer Node	FP5EX	1
OC12 Ports	SPRHX	6
DS3 Ports	SPRKX	24

23.7.6 Assignment and Transfer

If the Customer wishes to assign or transfer its use of services under this Contract Offer pursuant to NBTC Tariff F.C.C. No. 1, Section 2.1.2, the Telephone Company will acknowledge such transfer or assignment if the criteria in NBTC Tariff F.C.C. No. 1, Section 2.1.2 are fulfilled, unless 1) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (A) or (B) below, or 2) if the proposed assignee or transferee or its parent has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

- (A) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than 50 percent of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission; or

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.7 Contract Offer No. 7 - OC-48 Dedicated SONET Ring Service Offer
(Cont'd)23.7.6 Assignment and Transfer (Cont'd)

(A) (Cont'd)

If any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.

(B) The proposed assignee or transferee does not have any outstanding securities rated by credit rating agencies, e.g. Standard and Poor's, but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated:

(i) "fair" or below in a composite credit appraisal published by Dun and Bradstreet; or

(ii) "high risk" in a Paydex score as published by Dun and Bradstreet.

23.7.7 Mergers and Acquisitions

The Terms and Conditions of this Contract Offer shall continue in full force and in effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all of its stock or assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, the Subject Services, as provided for in this Contract Offer, will continue to be maintained at the same volume, rates, Terms and Conditions as outlined herein. The Transaction Close Date shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.7 Contract Offer No. 7 - OC-48 Dedicated SONET Ring Service Offer
(Cont'd)23.7.8 Termination Liability

Termination liability language described below applies in lieu of the termination liability language described in NBTC Tariff F.C.C. No. 1, Section 26. If the Customer discontinues services provided under this Contract Offer before the completion of the Term Period for any reason, the Customer must pay the Telephone Company termination liability charges as described below. Termination liability charges will also apply if the Customer is not in compliance with the Eligibility Criteria in Section 23.7.3, or the Terms and Conditions in Section 23.7.4.

These termination liability charges shall become due as of the effective date of the termination of service and are payable as described below.

The Customer's termination liability charges shall be equal to:

50 percent of all Monthly Recurring Charges for the balance of the Customer's seven (7)year Term Period for the OC-48 DSRS.

The termination liability charge shall be calculated as follows:

(MRCs) multiplied by (Months remaining in billing)
multiplied by (Termination percentage of 50 percent)

Example: Customer with a \$10,964 Monthly Recurring Charge terminates service after three (3) years and has forty-eight (48) months remaining on the seven (7)year Term Period. The termination liability would be calculated as:

$(\$10,964 \times 48 \text{ months}) \times 50\% = \$263,136$ termination liability charge

(N)

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ACCESS SERVICE

23. Pricing Flexibility Contract Offerings

(N)

23.8 Contract Offer No. 8 - OC-48 Dedicated Ring Offer23.8.1 General Description

Contract Offer No. 8 - OC-48 Dedicated Ring Offer is a seven (7) year access discount pricing plan that provides the Customer with discounted rates for the consolidation of multiple DS3 services to a Dedicated SONET Ring infrastructure.

Contract Offer No. 8 is available for subscription June 6, 2006 through July 6, 2006. This Contract Offer is not renewable.

23.8.2 Service Qualifications

(A) This Contract Offer applies to access services that qualify for pricing flexibility (hereafter referred to as Subject Services), as provided in Nevada Bell Telephone Company (NBTC) Tariff F.C.C. No. 1, Section 26 - Dedicated SONET Ring Service.

(B) Subject Services provided under this Contract Offer must be:

- (1) Located in the following Pricing Flexibility Metropolitan Statistical Area (hereafter referred to as MSA): Reno, NV.
- (2) OC-48 Dedicated SONET Rings configured as:
 - (a) One (1) Customer Premises Node with four (4) OC-12 Ports;
 - (b) One (1) Central Office (CO) Node with OC-48 Add/Drop Capability;
 - (c) Ring Mileage less than 10 miles; and
 - (d) Ports at the CO Node subject to the ring capacity limits described in Section 26.3(A)(7).

23.8.3 Eligibility Criteria

The Customer must meet the following eligibility criteria at the time of subscription to this Contract Offer:

- (A) The Customer must have at least thirty (30) existing DS3 circuits with Channel Terminations terminating at the Customer's Point of Presence (POP) in the MSA listed in Section 23.8.2(B)(1).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.8 Contract Offer No. 8 - OC-48 Dedicated Ring Offer (Cont'd)23.8.4 Terms and Conditions(A) Term Period

The contract term (Term Period) shall be eighty-four (84) months commencing on the date the Telephone Company receives a Letter of Subscription (LOS) from the Customer.

Upon the expiration of the Term Period, this Contract Offer will be automatically extended on a monthly basis until terminated by either party upon ninety (90) days written notice to the other.

Upon termination of this Contract Offer, the Subject Services provided under this Contract Offer shall be subsequently provided under the prevailing applicable monthly extension rates found in NBTC Tariff F.C.C. No. 1, Section 31.5.2.12, unless the Customer:

- (1) Selects applicable payment options in NBTC Tariff F.C.C. No. 1, Section 26.3(B); or
- (2) Disconnects the Subject Services.

(B) General

- (1) Subject Services provided under this Contract Offer are subject to certain rates, charges and general terms and conditions described in NBTC Tariff F.C.C. No. 1, Sections 2, 5 and 13, as applicable. Such terms and conditions may be modified through filing tariff changes at any time during the Term Period; however, such tariff modifications will not change the Terms and Conditions described in this Contract Offer.
- (2) All terms and conditions for the Subject Services provided under this Contract Offer shall continue to be governed by the otherwise applicable tariff sections, except as provided herein.
- (3) The Customer shall not include Subject Services provided under this Contract Offer in any other contract offer.
- (4) To subscribe to this Contract Offer, the Customer shall provide the Telephone Company with a LOS.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.8 Contract Offer No. 8 - OC-48 Dedicated Ring Offer (Cont'd)23.8.4 Terms and Conditions (Cont'd)(B) General (Cont'd)

- (5) Commingling shall be defined as provided in Section 2.6. Commingling of Subject Services provided under this Contract Offer is prohibited.
- (6) If the Customer terminates this Contract Offer during the Term Period, termination liability charges shall apply in accordance with Section 23.8.8.

(C) New Subject Services

- (1) The Telephone Company shall provide Subject Services under this Contract Offer as described in Section 23.8.5:
 - (a) New OC-48 Dedicated SONET Rings as an OC-48 Ring Bundle as described in Section 23.8.5, Table A; and
 - (b) New CO Node Ports installed during the Term Period as described in Section 23.8.5, Table B.
- (2) The minimum term commitment, Service Term, for each Subject Service provided under this Contract Offer shall be sixty (60) months. If the Customer disconnects Subject Services prior to the completion of the Service Term during the Term Period, a termination charge shall apply in accordance with Section 23.8.8(B).
- (3) The Customer must order at least two (2) new OC-48 Dedicated SONET Rings configured as described in Section 23.8.2(B). Each new SONET Ring purchased under this Contract Offer must be installed by the Telephone Company and accepted by the Customer within the first twenty-four (24) months of the Term Period.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.8 Contract Offer No. 8 - OC-48 Dedicated Ring Offer (Cont'd)23.8.4 Terms and Conditions (Cont'd)(C) New Subject Services (Cont'd)

- (4) If the Customer fails to purchase the required new SONET Rings as described above, the Customer shall pay the Telephone Company a true-up amount, equal to \$478.50 per day for each SONET Ring by which the Customer falls short of the required purchase amount, until the required SONET Rings have been installed. The true-up amount, if required, will be billed after all required SONET Rings are installed or upon termination of this Contract Offer after six (6) months of non-compliance with Section 23.8.4(C)(3).
- (5) The Telephone Company shall provide the Customer a one-time billing credit equal to \$14,355 for each SONET Ring purchased as described in Section 23.8.4(C)(3). The credit shall be applied within sixty (60) days of the commencement of billing for each SONET Ring. The total value of the credits, described herein, shall not exceed \$28,710.
- (6) The Customer may convert the existing DS3 circuits as described in Section 23.8.3(A) to the new OC-48 Dedicated SONET Rings provided under this Contract Offer without incurring termination liability charges for those existing services.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.8 Contract Offer No. 8 – OC-48 Dedicated Ring Offer (Cont'd)23.8.5 Rates and Charges

The Customer must pay the following Monthly Recurring Charge (MRC) for each rate element that comprises the Subject Services provided under this Contract Offer.

Table A:

OC-48 Ring Bundle	Qty	Applicable USOC	MRC
Customer Premises Node	1	FP5EX	\$3,894.00
CO Node	1	FC5EX	\$3,894.00
OC-12 Ports on Customer Premises Node, per port	4	SPRHX	\$360.00
OC-48 Add/Drop Capability	1	MPEFX	\$1,400.00

Table B:

CO Node Ports (per port)	Applicable USOC	MRC
DS3	SPRKX	\$110.00
OC-3 / OC-3c	SPRJX	\$135.00
OC-12 / OC-12c	SPRHX	\$360.00
100 Mbps Ethernet (STS-1)	S9TGX	\$130.00
100 Mbps Ethernet (STS-3c)	S9THX	\$160.00
1 Gbps Ethernet (STS-1)	S9TJX	\$200.00
1 Gbps Ethernet (STS-3c)	S9TKX	\$200.00
1 Gbps Ethernet (STS-12c)	S9TLX	\$500.00
1 Gbps Ethernet (STS-24c)	S9TMX	\$850.00

Any rate element not described herein shall be subject to the rates and charges outlined in NBTC Tariff F.C.C. No. 1, Section 22.5.2.12.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.8 Contract Offer No. 8 - OC-48 Dedicated Ring Offer (Cont'd)23.8.6 Mergers and Acquisitions

The Terms and Conditions of this Contract Offer shall continue in full force and in effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all its stock or assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, the Subject Services, as provided for in this Contract Offer, shall continue to be maintained at the same volume, rates, Terms and Conditions as outlined herein. The Transaction Close Date shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.

23.8.7 Assignment and Transfer

If the Customer wishes to assign or transfer its use of services under this Contract Offer pursuant to NBTC Tariff F.C.C. No. 1, Section 2.1.2, the Telephone Company shall acknowledge such transfer or assignment if the criteria in Section 2.1.2 are met, unless (1) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (A) or (B) below, or (2) if the proposed assignee or transferee or its parent has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

- (A) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than 50% of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission, or if any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.8 Contract Offer No. 8 - OC-48 Dedicated Ring Offer (Cont'd)23.8.7 Assignment and Transfer (Cont'd)

- (B) The proposed assignee or transferee does not have any outstanding securities rated by credit rating agencies (e.g. Standard and Poor's), but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated "fair" or below in a composite credit appraisal published by Dun and Bradstreet, or "high risk" in a Paydex score as published by Dun and Bradstreet.

23.8.8 Termination Liability

The termination liability language contained below applies in lieu of the termination liability language described in Section 26.3. Termination charges shall become due as of the effective date of the termination.

- (A) If the Customer terminates this Contract Offer or is not in compliance with the terms and conditions of this Contract Offer, the Customer shall be liable for a termination charge which shall be equal to \$14,355 per month for the balance of the Term Period. The termination charge shall be calculated as \$14,355 multiplied by (months remaining in Term Period).

Example: The Contract Offer is terminated after thirty-six (36) months and has forty-eight (48) months remaining in the Term Period. The termination charge shall be:

$$\$14,355 \times 48 = \$698,040 \text{ Termination Charge}$$

- (B) If the Customer terminates individual Subject Services provided under this Contract Offer during the Service Term, the Customer shall be liable for a termination charge which shall be equal to 50 percent of the MRC for the terminated Subject Services for the balance of the Service Term. The termination charge shall be calculated as (MRC) multiplied by (months remaining in Service Term) multiplied by (termination liability percentage of 50%).

Example: The MRC equals \$10,628 and the Subject Service is terminated after thirty-six (36) months and has twenty-four (24) months remaining in the Term Period. The termination charge shall be:

$$(\$10,628 \times 24) \times 50\% = \$127,536 \text{ Termination Charge}$$

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23. Pricing Flexibility Contract Offerings23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer23.9.1 General Description

Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Contract Offer No. 9) is an access discount plan for which subscription is required to the following access tariffs: Ameritech Operating Companies (Ameritech) Tariff F.C.C. No. 2, Southwestern Bell Telephone Company (SWBT) Tariff F.C.C. No. 73, Nevada Bell Telephone Company (NBTC) Tariff F.C.C. No. 1, The Southern New England Telephone Company (SNET) Tariff F.C.C. No. 39 and Pacific Bell Telephone Company (PBTC) Tariff F.C.C. No. 1. Contract Offer No. 9 provides Customers with discounts and incentives (as defined in Section 23.9.6) in accordance with the Terms and Conditions as set forth in Section 23.9.4.

To receive discounts under this Contract Offer, the Customer must meet Eligibility Criteria described in Section 23.9.3 and must comply with all Terms and Conditions of this Contract Offer. Contract Offer No. 9 requires eligible Customers to maintain a Baseline Minimum Annual Revenue Commitment (MARC) of \$141,600,000, as described in Section 23.9.3(B), following. If during the Annual True-up the Customer's billed recurring revenue for Qualified Access Services is less than the Baseline MARC, the Customer must remit the Make-up Payment as described in the Annual True-up process set forth in Section 23.9.7. If the Customer does not comply in all material respects with all Terms and Conditions of this Contract Offer No. 9, termination liability charges, in accordance with Section 23.9.10, will apply.

Contract Offer No. 9 will be available for subscription only from July 29, 2006 through August 29, 2006.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.2 Services Available For WAMS-VIP Offer

- (A) Contract Offer No. 9 applies to billed recurring revenues for the qualified access services contained in NBTC Tariff F.C.C. No. 1 (Qualified Access Services), listed in Table A, below:

Table A

Service	General Basic Description	Rates and Charges	
DS1 and DS3 Service	7.11.1	7.11.5	22.5.2.5
Broadband Circuit Service	20.1	20.3	22.5.2.9
Optical Carrier Network (OCN) Point-to-Point Service	21.1	21.3	22.5.2.10
Dedicated SONET Ring Service	26.1	26.4	22.5.2.12
OC-192 Dedicated SONET Ring Service	27.1	27.3	22.5.2.13
Gigabit Ethernet Metropolitan Area Network (GigaMAN)	7.13.1	7.13.12	22.5.2.7
Multi-service Optical Network (MON) Ring Service	8.1(A)	8.4	22.5.2.8

- (B) When additional Qualified Access Services are added to the services available under NBTC Tariff F.C.C. No. 1, all billed, recurring revenues for such additional Qualified Access Services will be added to this Contract Offer No. 9 for the purposes of calculating the credits and incentives included in this Contract Offer No. 9.
- (C) All terms and conditions for the Qualified Access Services are governed by the respective tariff sections, except as noted in this Contract Offer No. 9.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.3 WAMS-VIP Offer Eligibility Criteria

The following eligibility criteria must be met to subscribe to Contract Offer No. 9:

(A) Concurrent Subscription

The Customer must concurrently subscribe to Contract Offer No. 9 pursuant to the following tariffs:

- (1) SWBT Tariff F.C.C. No. 73, Section 41, Contract Offer No. 94;
- (2) PBTC Tariff F.C.C. No. 1, Section 33, Contract Offer No. 99;
- (3) SNET Tariff F.C.C. No. 39, Section 25, Contract Offer No. 28; and
- (4) Ameritech Tariff F.C.C. No. 2, Section 22, Contract Offer No. 121.

Breach, cancellation or termination of any of these Contract Offers shall constitute a breach, cancellation or termination of all of these Contract Offers.

- (B) The Customer must have billed recurring revenues for Qualified Access Services to establish a Baseline Minimum Annual Revenue Commitment (Baseline MARC) of \$141,600,000;
- (C) The Qualified Access Services must be located within the "Operating Territory" of the Telephone Company, as described in NBTC Tariff F.C.C. No. 1, Section 17 (Operating Territory); and
- (D) All Qualified Access Service(s) must originate or terminate on a wireless carrier's network.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.4 WAMS-VIP Offer Terms and Conditions

- (A) Revenue commitments are based on billed, recurring charges for the Qualified Access Services and specifically exclude any non-recurring charges, incentives and discounts earned under this Contract Offer No. 9;
- (B) The Customer must maintain a Baseline Minimum Annual Revenue Commitment (MARC) of \$141,600,000 each Term Year of this Contract Offer No. 9;
- (C) The Customer must maintain the Incentive Discount Commitment (IDC), as defined in Section 23.9.6.(A)(1) for Term Years 2 to 5 for Qualified Access Services;
- (D) The Customer's Baseline MARC and IDC will include all billed recurring revenue for Qualified Access Services identified in Section 23.9.2, and shall be based on the sum of all of the billed recurring revenues for the Qualified Access Services, including all of the contract offers as described in Section 23.9.3(A);
- (E) Incentives and discounts earned by the Customer under this Contract Offer No. 9 shall be applied in the form of a credit to the Customer's bill(s) for Qualified Access Services, located in the Metropolitan Statistical Areas (MSAs) where the Telephone Company has been granted pricing flexibility, as listed in NBTC Tariff F.C.C. No. 1, Section 22;
- (F) Contract Offer No. 9 incentives and discounts are in addition to, and do not alter, any of the existing service discount/term plans available in the Telephone Company's respective tariffs;
- (G) The Telephone Company reserves the right to change rates for Qualified Access Services included under Contract Offer No. 9, but in the event of such rate modifications, no change will be made to the Baseline MARC or the IDC, except as specified in Section 23.9.7;

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.9 Contract Offer No. 9 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.4 WAMS-VIP Offer Terms and Conditions (Cont'd)

- (H) Qualified Access Services are subject to certain rates, charges and general terms and conditions in other sections of NBTC Tariff F.C.C. No. 1 (Sections 2-General Regulations, 5-Ordering Options for Switched and Special Access Service, and 13-Additional Engineering, Additional Labor and Miscellaneous Services) and such terms and conditions may be modified through the filing of tariff changes at any time during the Term Period. However, such tariff modifications will not change the Terms and Conditions described in Contract Offer No. 9;
- (I) This Contract Offer No. 9 is available July 29, 2006 through August 29, 2006;
- (J) The Customer must meet the criteria described for Incentive Discounts and Portability Incentives, as provided in Section 23.9.6; and
- (K) To subscribe to Contract Offer No. 9, the Customer must submit a Letter of Subscription (LOS) to the Telephone Company.

23.9.5 WAMS-VIP Offer Term Period

The contract term (Term Period) is sixty (60) months commencing on the date the LOS is signed by the Customer . Each twelve month (12) period beginning with the LOS signature date shall be a Term Year. At the end of the Term Period, the discounts and incentives provided in this Contract Offer No. 9 shall be discontinued.

This offer is not renewable.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.9 Contract Offer No. 9 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.6 WAMS-VIP Offer Incentives

The Customer will be eligible for the following Incentive Discounts and/or Portability Incentives (collectively "Incentives") under this Contract Offer No. 9 during each of the Term Years:

Incentive Discount Commitment Credit (IDCC);
Incentive Discount Plus Credit (IDPC); and
Portability Incentive for DS3s (Portability Incentive).

(A) Incentive Discount Commitment

In order to qualify for the IDCC, IDPC and Portability Incentives, the Customer must maintain the "Incentive Discount Commitment" (IDC):

(1) Establishment of the IDC

(a) For Term Year 1, the Customer's IDC will equal the Baseline MARC of \$141,600,000, as described in Section 23.9.3(B);

(b) For Term Years 2 through 5, the Customer's IDC will be:

(i) The IDC from the previous Term Year; or

(ii) The IDC may be increased, at the Customer's election, effective with the beginning of the contract Term Year according to the IDC Levels in Table B, based on either the Achieved Revenue Amount, as defined in Section 23.9.7(A) or the Customer's billed recurring revenue for Qualified Access Services during the previous three (3) months times four (4).

(c) The Customer may elect, by providing written notice to the Telephone Company within sixty (60) days of the contract's Term Year end date, to increase the IDC:

(i) The IDC may be increased but never decreased;

(ii) The re-established IDC represents the Customer's IDC for the remainder of the Term Period; and

(iii) The IDC elected by the Customer cannot exceed the higher of the Achieved Revenue amount or the previous three (3) months billed recurring revenue for Qualified Access Services times four (4).

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.6 WAMS-VIP Offer Incentive Discounts (Cont'd)(A) Incentive Discount Commitment (Cont'd)(2) Application of Incentive Discount Commitment

If during the Annual True-Up, as defined in Section 23.9.7(A), the Customer's Achieved Revenue Amount meets or exceeds the IDC, the Telephone Company will apply the IDCC, IDPC and Portability Incentives during the following Term Year, provided the criteria in Section 23.9.6(B), (C) and (D), respectively, are met.

Example: In Term Year 1, the Customer's Achieved Revenue Amount, determined by the Annual True-Up, equals \$147,000,000 and the IDC is \$141,600,000. Since the Achieved Revenue Amount exceeds the IDC, the Telephone Company would apply the IDCC, IDPC and Portability Incentives in Term Year 2, based on the Customer's IDC for Term Year 2 of \$141,600,000.

- (3) Notwithstanding the above, Incentives shall not be applied unless and until the Customer is current in paying (or properly disputing) all invoices submitted for payment by the Telephone Company for billed, recurring Qualified Access Services in accordance with NBTC Tariff F.C.C. No. 1, Section 2.

(B) Incentive Discount Commitment Credit for Qualified Access Services

IDCC shall be calculated and awarded on an aggregate basis across the concurrently subscribed to contract offers as described in Section 23.9.3(A). If qualified for a IDCC, an award of the IDCC under this Contract Offer will satisfy any IDCC obligations of the concurrently subscribed to contract offers as described in Section 23. 9.3(A), and an award of IDCC under such other contract offers shall satisfy any IDCC obligations under this Contract Offer No. 9.

The Customer will notify the Telephone Company in writing of the Billing Account Number(s) (BAN) and percentage of the IDCC awarded to be applied to each BAN(s) billing Qualified Access Services for the contract offers subscribed to in Section 23.9.3(A).

For each Term Year, the Customer will be eligible for an Incentive Discount Commitment Credit (IDCC) based on the sum of all billed recurring revenue for Qualified Access Services, including all of the contract offers as described in Section 23.9.3(A), according to Table B, following.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.6 WAMS-VIP Offer Incentive Discounts (Cont'd)(B) Incentive Discount Commitment Credit for Qualified Access Services (Cont'd)**Table B:**

IDC Level	IDC	IDCC
1	\$141,600,000	\$12,700,000
2	\$179,900,000	\$19,800,000
3	\$194,200,000	\$25,300,000
4	\$209,800,000	\$31,500,000
5	\$226,600,000	\$36,300,000

(1) Application of Incentive Discount Commitment Credit

(a) The Telephone Company will apply the IDCC to the Customer's bill(s) for Qualified Access Services in those Term Years for which the Customer qualifies for the IDCC per Section 23.9.6(A)(2), as follows:

- (i) One-quarter (1/4) of the IDCC will be applied thirty (30) days in arrears from the end of the 1st and 3rd Quarters of the Term Year based on the IDCC determined under Sections 23.9.6(B)(1)(b) and 23.9.6(B)(1)(c), below;
- (ii) One-quarter (1/4) of the IDCC will be applied by the end of the 2nd Quarter, based on the IDCC determined under Sections 23.9.6(B)(1)(b) and 23.9.6(B)(1)(c), below; and
- (iii) One-quarter (1/4) of the IDCC will be applied sixty (60) days in arrears from the end of the 4th Quarter of the Term Year, through the Annual True-Up described in Section 23.9.7.

(b) The IDCC applied during the first three (3) quarters of Term Year 1 will be based on IDC Level 1.

(c) The IDCC applied during the first three (3) quarters of Term Years 2 through 5 will be based on the IDC Level established in Section 23.9.6(A).

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.6 WAMS-VIP Offer Incentive Discounts (Cont'd)(C) Incentive Discount Plus Credit for Qualified Access Service

IDPC shall be calculated and awarded on an aggregate basis across the concurrently subscribed to contract offers as described in Section 23.9.3(A). If qualified for a IDPC, an award of the IDPC under this Contract Offer will satisfy any IDPC obligations of the concurrently subscribed to contract offers as described in Section 23.9.3(A), and an award of IDPC under such other contract offers shall satisfy any IDPC obligations under this Contract Offer No. 9.

The Customer will notify the Telephone Company in writing of the Billing Account Number(s) (BAN) and percentage of the IDPC awarded to be applied to each BAN(s) billing Qualified Access Services for the contract offers subscribed to in Section 23.9.3(A).

For each Term Year, the Customer will be eligible for an IDPC which applies to non-IDC revenues. Non-IDC revenues are the sum of all recurring revenues associated with the Qualified Access Services, including billed recurring revenues of all of the contract offers as described in Section 23.9.3(A) that exceed the Customer's IDC (which are listed as Levels in Table B) according to the ranges set forth in Table C.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.6 WAMS-VIP Offer Incentive Discounts (Cont'd)(C) Incentive Discount Plus Credit for Qualified Access Service (Cont'd)

Table C:

IDC Level	Band	Non - IDCC Rev Min	Non - IDCC Rev Max	IDPC
1	1	\$ 31,600,000	\$ 38,299,999	\$1,400,000
	2	\$ 38,300,000	\$ 52,699,999	\$3,100,000
	3	\$ 52,700,000	\$ 68,199,999	\$5,700,000
	4	\$ 68,200,000	\$ 84,999,999	\$8,800,000
	5	\$ 85,000,000	\$ 103,099,999	\$12,400,000
	6	\$ 103,100,000	\$ 122,699,999	\$16,700,000
	7	\$ 122,700,000	and above	\$21,700,000
2	1	\$ 7,200,000	\$ 14,399,999	\$1,700,000
	2	\$ 14,400,000	\$ 29,899,999	\$3,800,000
	3	\$ 29,900,000	\$ 46,699,999	\$6,900,000
	4	\$ 46,700,000	\$ 64,799,999	\$10,600,000
	5	\$ 64,800,000	\$ 84,399,999	\$14,900,000
	6	\$ 84,400,000	\$ 105,599,999	\$20,000,000
	7	\$ 105,600,000	and above	\$25,700,000
3	1	\$ 7,800,000	\$ 15,499,999	\$2,100,000
	2	\$ 15,500,000	\$ 32,299,999	\$4,600,000
	3	\$ 32,300,000	\$ 50,499,999	\$8,300,000
	4	\$ 50,500,000	\$ 69,999,999	\$12,700,000
	5	\$ 70,000,000	\$ 91,199,999	\$17,700,000
	6	\$ 91,200,000	\$ 113,999,999	\$23,600,000
	7	\$ 114,000,000	and above	\$30,300,000
4	1	\$ 8,400,000	\$ 16,799,999	\$2,500,000
	2	\$ 16,800,000	\$ 34,899,999	\$5,400,000
	3	\$ 34,900,000	\$ 54,499,999	\$9,800,000
	4	\$ 54,500,000	\$ 75,599,999	\$15,000,000
	5	\$ 75,600,000	\$ 98,499,999	\$20,900,000
	6	\$ 98,500,000	\$ 123,099,999	\$27,700,000
	7	\$ 123,100,000	and above	\$35,500,000
5	1	\$ 9,100,000	\$ 18,099,999	\$3,000,000
	2	\$ 18,100,000	\$ 37,699,999	\$6,400,000
	3	\$ 37,700,000	\$ 58,799,999	\$11,600,000
	4	\$ 58,800,000	\$ 81,699,999	\$17,600,000
	5	\$ 81,700,000	\$ 106,299,999	\$24,400,000
	6	\$ 106,300,000	\$ 132,999,999	\$32,300,000
	7	\$ 133,000,000	and above	\$41,300,000

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.6 WAMS-VIP Offer Incentive Discounts (Cont'd)(C) Incentive Discount Plus Credit for Qualified Access Service (Cont'd)(1) Application of Incentive Discount Plus Credit

- (a) The Telephone Company will apply the IDPC to the Customer's bill(s) for Qualified Access Services in those Term Years for which the Customer qualifies for the IDPC as provided in Section 23.9.6(C); and
- (b) The IDPC corresponding to the IDC Level and IDPC Band will be credited to the Customer's bill sixty (60) days in arrears from the end of the 4th Quarter of the Term Year, through the Annual True-up described in Section 23.9.7.

(D) DS3 Portability Incentive

The Portability Incentive waives termination liability charges that would otherwise be assessed to the Customer for moves of DS3 Qualified Access Services.

This Portability Incentive will be applied in addition to the Incentives described in Sections 23.9.6(B) and(C).

(1) Eligibility Criteria for DS3 Portability Incentive

The Customer must meet the following criteria to receive the Portability Incentive:

- (a) the Customer's DS3s must meet the Minimum Period requirements, as established under NBTC Tariff F.C.C. No. 1, Section 2.4.2, at the previous location;
- (b) The Term Period of each new circuit must be equal to, or greater than, the remaining term of the disconnected circuit; and
- (c) The disconnect and new service must be within the Operating Territory.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.6 WAMS-VIP Offer Incentive Discounts (Cont'd)(D) DS3 Portability Incentive (Cont'd)(2) Quarterly Review of Add and Disconnect Access Service Orders

The Telephone Company will perform quarterly reviews of the quantity of the DS3 "adds" and "disconnects" within the Telephone Company Operating Territory, as described in Section 23.9.3(C), as follows:

- (a) If the Customer qualifies for the Portability Incentive as set forth in Sections 23.9.6(A) and 23.9.6(D)(1), and the cumulative "add" access service orders exceed cumulative "disconnect" access service orders during the Term Year, as measured on a quarterly basis, the cumulative adds and the cumulative disconnects will carry over quarter to quarter within a Term Year until the number of cumulative disconnects exceeds the cumulative adds;
- (b) If the Customer qualifies for the Portability Incentive as set forth in Sections 23.9.6(A) and 23.9.6(D)(1), but cumulative "disconnect" access service orders exceed cumulative "add" access service orders during the Term Year, as measured on a quarterly basis, the Customer will be assessed termination liability charges on the number of circuits by which cumulative disconnect orders, where termination liability charges are applicable, exceed cumulative add orders; or
- (c) During the Term Year, if the Customer is assessed termination liability charges as a result of cumulative "disconnects" access service orders exceeding cumulative "add" access service orders in any quarter, as described in 23.9.6(D)(2)(b), above, no cumulative "disconnect" access service orders or cumulative "add" access service orders will carry over to the next quarter within that Term Year.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.6 WAMS-VIP Offer Incentive Discounts (Cont'd)(D) DS3 Portability Incentive (Cont'd)(2) Quarterly Review of Add and Disconnect Access Service Orders (Cont'd)

Example:

During a given Term Year:

If at the end of the 1st Quarter:

DS3 "adds" = 10

DS3 "disconnects" = 3

Quarter Termination Liability = 0 DS3's

(DS3 "adds" are greater than DS3 "disconnects")

If at the end of the 2nd Quarter:

Cumulative DS3 "adds" = 11 (1st Qtr 10 plus 2nd Qtr 1)

Cumulative DS3 "disconnects" = 12 (1st Qtr 3 plus 2nd Qtr 9)

Quarter Termination Liability = 1 DS3

(Cumulative DS3 "disconnects" are greater than Cumulative DS3 "adds")

Termination Liability assessed based on the last disconnect order provisioned during the 2nd Quarter. The 1st and 2nd Quarter cumulative DS3 "adds" and cumulative DS3 "disconnects" will not accumulate into the 3rd Quarter.

If at the end of the 3rd Quarter:

DS3 "adds" = 2

DS3 "disconnects" = 1

Quarter Termination Liability = 0 DS3's

(DS3 "adds" are greater than DS3 "disconnects")

If at the end of the 4th Quarter:

Cumulative DS3 "adds" = 5 (3rd Qtr 2 plus 4th Qtr 3)

Cumulative DS3 "disconnects" = 3 (3rd Qtr 1 plus 4th Qtr 2)

Quarter Termination Liability = 0 DS3's

(Cumulative DS3 "adds" are greater than Cumulative DS3 "disconnects")

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.7 WAMS-VIP Annual True-Up

(A) An annual true-up calculation is performed after each Term Year ("Annual True-Up") to establish any 4th Quarter Incentive credits, adjustments or other payments that apply for the preceding twelve-month (12) period, as determined by whether:

- (1) The Customer maintained its IDC during that Term Year;
- (2) The Customer earned the IDCC received during the 1st, 2nd and 3rd Quarters of the Term Year ("Applied IDCC"); and
- (3) The Customer qualifies to receive an IDPC.

For the purposes of the Annual True-Up calculations, the Customer's billed, recurring revenue for Qualified Access Services during the Term Year will constitute the Customer's "Achieved Revenue Amount." The IDCC and/or IDPC earned using the Achieved Revenue Amount compared to Table B in Section 23.9.6(B) and Table C in Section 23.9.6(C) will constitute the "Earned IDCC" and "Earned IDPC."

(B) Annual True-Up Calculations(1) IDC Impact - Divested Market(s):

If the Telephone Company divests or sells any market(s) and if the billed recurring revenues for the Qualified Access Services that are used for the purposes of calculating the IDC are reduced, as a result of the divestiture and/or sale of those market(s), the Telephone Company will recalculate the IDC and IDCC, if requested by the Customer in writing within ninety (90) days of the divestiture and/or sale, according to the following steps below:

Step 1.

Determine the impact on total revenue by calculating the "IDC Impact-Divested Market(s) Percentage." The IDC Impact-Divested Market(s) Percentage is the percent change between the IDC and the Customer's billed recurring revenues for Qualified Access Services that the Telephone Company was required to divest.

Example:

IDC = \$141,600,000
Revenue divestiture by the Telephone Company
= \$10,000,000

IDC minus divestiture amount = \$131,600,000

IDC Impact - Divested Market(s) Percentage = 7.07%
(1 - (\$132,000,000 / \$141,600,000))

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.7 WAMS-VIP Annual True-Up (Cont'd)(B) Annual True-Up Calculations (Cont'd)(1) IDC Impact - Divested Market(s): (Cont'd)Step 2:

The current Term Year's IDC will be adjusted by subtracting the dollar amount of the billed recurring revenues for Qualified Access Services that were divested by the Telephone Company. The IDCC for the current Term Year will be adjusted by the IDC Impact-Divested Markets Percentage and prorated from the time of divestiture.

Step 3:

The Telephone Company will recalculate the IDC(s) which remains available to the Customer (Table B) by subtracting the annualized dollar amount of the billed recurring revenues for Qualified Access Service that was divested by the Telephone Company.

Step 4:

The Telephone Company will recalculate the IDCC(s) which remains available to the Customer (Table B) by the ratio of the reduced IDC to the original IDC for each level.

Example:

Reduced IDC = \$131,600,000
(\$141,600,000 - \$10,000,000)

Reduced IDCC = \$11,802,110
(\$12,700,000 - (\$12,700,000 x 7.07%))

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.7 WAMS-VIP Annual True-Up (Cont'd)(B) Annual True-Up Calculations (Cont'd)(2) IDCC Annual True-Up:

The Telephone Company will determine whether the Customer's Achieved Revenue Amount meets, exceeds or falls below the IDC.

(a) If the Customer's Achieved Revenue Amount meets or exceeds the IDC, the Telephone Company will apply the appropriate 4th Quarter IDCC credit. The Customer will receive its 4th Quarter payment, as set forth in Section 23.9.6(B)(1)(a)(iii).

(b) If the Customer's Achieved Revenue Amount falls below the IDC, the Customer may pay the difference between the Achieved Revenue Amount and the IDC ("Make-Up Payment"). If the Customer has identified an "IDC Negative Impact," as defined in Subsection (c), following, that amount will be subtracted from the Make-up Payment.

(i) The Telephone Company will notify the Customer within thirty (30) days of the end of the Term Year of any Make-Up Payment.

(ii) The Customer will pay the Make-Up Payment within thirty (30) days after receiving said notification from the Telephone Company.

(iii) The Telephone Company will apply the appropriate IDCC for the 4th Quarter of the Term Year within thirty (30) days of receiving the Make-Up Payment. The following Term Year's IDCC will be determined as set forth in Section 23.9.6(B).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.7 WAMS-VIP Annual True-Up (Cont'd)(B) Annual True-Up Calculations (Cont'd)(2) IDCC Annual True-Up: (Cont'd)

(c) The Telephone Company will adjust the Make-up Payment at the Annual True-up, by the amount identified as a "Negative IDC Impact" revenue amount, if the IDC is missed due to the following "Negative IDC Impact" causes:

(i) If the tariff rates for the billed recurring revenues for the Qualified Access Services that are used for the purposes of calculating the IDC are reduced by a percentage that causes the Customer's billed recurring revenues for such Qualified Access Services to fall below the IDC; and/or

(ii) If the Customer terminates Qualified Access Service(s) as a result of one or more Excessive Service Outages, as defined in Section 23.9.10(B), and the billed recurring revenues for the Qualified Access Services that are used for the purposes of calculating the IDC are reduced, as a result of the Excessive Service Outage termination, by a percentage that causes the Customer's billed recurring revenues for such Qualified Access Services to fall below the IDC.

(d) If the Customer chooses not to make the Make-Up Payment, in Section 23.9.7(B)(2)(b)(ii), this Contract Offer shall be terminated and termination liability charges will apply, as described in Section 23.9.10(A).

Example of IDCC Annual True-Up:

If the Achieved Revenue Amount for Term Year 3 is \$143,000,000 and the IDC is \$141,600,000, then the IDCC would be \$12,700,000. The IDCC applied for the 4th Quarter would be equal to \$12,700,000 (which is \$3,175,000 X 4) less the Applied IDCC received by the Customer for the Term Year.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.7 WAMS-VIP Annual True-Up (Cont'd)(B) Annual True-Up Calculations (Cont'd)(3) IDPC Annual True-Up:

The Telephone Company will determine whether the Customer's Achieved Revenue Amount exceeds the IDC.

(a) If the Achieved Revenue Amount exceeds the IDC, the revenue above the IDC will be used to determine the IDPC Band in Table C based on the IDC Level. The IDPC corresponding to the IDC Level and IDPC Band will be credited as per Section 23.9.6.(C), or

(b) If the Achieved Revenue Amount does not exceed the IDC or if revenue above the IDC, does not fall within an IDPC Band, as described in (a), above, no IDPC credit will be applied for the Term Year.

Example of IDPC Annual True-Up:

If the Achieved Revenue Amount for Term Year 1 is \$175,000,000 and the IDC is \$141,600,000 (IDC Level 1), the revenue above the IDC would equal \$33,400,000 (\$175,000,000 - \$141,600,000). The IDPC applied in the 4th Quarter would be \$1,400,000 per IDPC Band 1.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.8 WAMS-VIP Offer Merger/Acquisitions(A) Assignment/Successors

- (1) If the Customer wishes to assign or transfer its rights and obligations under this Contract Offer 9 ("Contract Offer Subscription"), the Telephone Company will permit such transfer or assignment if the criteria in NBTC Tariff F.C.C. No. 1, Section 2.1.2(A) are fulfilled, unless the proposed assignee or transferee demonstrates a lack of credit worthiness under any of the criteria in (a), (b) or (c), below, or if the assignee or transferee or its parent has commenced, or had initiated against it, a voluntary receivership or bankruptcy proceeding.
- (a) Any debt of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than 50% of the equity of the proposed assignee or transferee) are rated below investment grade as defined by the securities and exchange commission; or
- (b) If any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade, and have been placed on review by a rating organization for a possible downgrade; or
- (c) The proposed assignee or transferee does not have any outstanding securities rated by credit rating agencies (e.g., Standard and Poor's) but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated:
- (i) Fair or below in a composite credit appraisal published by Dun and Bradstreet, or
- (ii) High risk in a Paydex score as published by Dun and Bradstreet.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.8 WAMS-VIP Offer Merger/Acquisitions (Cont'd)(A) Assignment/Successors (Cont'd)

- (2) The Terms and Conditions of Contract Offer No. 9 shall continue in full force and effect if the Customer merges with, acquires, is acquired by, or sells all or substantially all its stock or assets to any other entity (Transfer). After a Transfer, if the other entity also purchases Qualified Access Service(s) from the Telephone Company, either directly or through any affiliates, the Customer shall not include under the Contract Offer Subscription any of the billed, recurring revenue for the Qualified Access Services of the other entity in place as of the date the Transfer is finalized (Transfer Date), except as may be provided below.

Notwithstanding the foregoing, the Customer may choose, at its discretion, one of the options set forth in Subsection Options (i) and (ii), following, within the time period that is between twelve (12) months and twenty-four (24) months after the Transfer Date.

To exercise an Option, the Customer shall send written notice to the Telephone Company, within the time period described above, stating which Option the Customer selects. The date that the Customer sends that written notice shall be the "Option Exercise Date." None of the Options shall alter in any way the terms or conditions of any contract or tariff pursuant to which the other entity obtains Qualified Access Services from the Telephone Company, including, but not limited to, any terms or conditions related to termination.

Option (i): The Customer and the Telephone Company shall recalculate the IDC, IDCC and IDPCS (collectively "Key Numbers") for the period from the Option Exercise Date to the end of the Term Period to allow for the combined billed, recurring revenues for Qualified Access Services of the Customer and the merged or acquiring company to be covered under the Contract Offer Subscription, provided the following conditions are met:

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.8 WAMS-VIP Offer Merger/Acquisitions (Cont'd)(A) Assignment/Successors (Cont'd)

(2) (Cont'd)

Option (i): (Cont'd)

- (1) One hundred percent (100%) of the total combined billed, recurring revenues for Qualified Access Services of the Customer and the other entity must be included in the Contract Offer Subscription;

- (2) The IDC will be adjusted according to the following formula:

The IDC will be equal to one hundred percent (100%) of the other entity's billed, recurring revenues for Qualified Access Services for the three (3) months immediately preceding the Option Exercise Date, multiplied by four (4), plus the actual IDC at the time of merger. This shall be the "Combined IDC," and

- (3) The IDC and IDCC amounts will be adjusted according to the following formula:

The Option 1 multiplier ("Option 1 Multiplier"), which equals the ratio of the Combined IDC to the Customer's current IDC and IDCC, will be applied to the values of the IDC and IDCC associated with the IDC and IDCC Levels that are still available to the Customer, as defined in Section 23.9.6.

Example:

IDC = \$141,600,000

Current IDC Level = 1

IDCC = \$12,700,000

New Entity Revenue = \$33,400,000

Combined IDC = \$175,000,000

(\$141,600,000 plus \$33,400,000)

Option 1 Multiplier = 1.24

(\$175,000,000/\$141,600,000)

Combined IDCC = \$15,748,000

(\$12,700,000 multiplied by 1.24)

- (4) The IDPC Bands, IDPC ranges and IDPC amounts will be adjusted using the Option 1 Multiplier.

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23. Pricing Flexibility Contract Offerings (Cont'd)

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23.9 Contract Offer No. 9 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.8 WAMS-VIP Offer Merger/Acquisitions (Cont'd)(A) Assignment/Successors (Cont'd)

(2) (Cont'd)

Option (i): (Cont'd)

(5) The Customer must have at least thirty-six (36) months remaining in the Term Period under the Contract Offer Subscription, or if less than thirty-six (36) months are remaining in the Term Period under this Contract Offer Subscription, the Term Period shall be automatically extended so that the Terms and Conditions of the Contract Offer No. 9 remain in effect for thirty-six (36) months after the Option Exercise Date; and

(6) The Telephone Company will recalculate the Key Numbers within sixty (60) days of the Option Exercise Date, with no credits being applied to the Customer's bill(s) during this sixty (60) day period. Starting with the remaining quarters, combined Key Numbers will be used to determine applicable IDCC and IDPC credit amounts.

(a) If the Option Exercise Date falls within the 1st, 2nd or 3rd Quarters of the respective Term Year, the initial credit application of any eligible Combined IDCC will occur thirty (30) days after the Key Numbers are determined, or thirty (30) days in arrears of the end of the Quarter, whichever is later; or

(b) If the Option Exercise Date falls within the 4th Quarter of the respective Term Year, the initial credit application of any eligible Combined IDCC and/or Combined IDPC will occur thirty (30) days after the Key Number are determined, or sixty (60) days in arrears of the end of the Quarter, whichever is later.

Option (ii):

The Contract Offer Subscription shall be terminated as set forth within Section 23.9.10(A).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.9 WAMS-VIP Performance - Credits(A) Cell Site Performance

Cell site Performance Improvement Credits may be available to the Customer based on the quality of service delivered during the Term Period, as set forth in Subparagraph (2), following. The credits will be granted in the event that the Telephone Company's Contract Offer No. 9 service performance level objectives for cell site DS1 Qualified Access Services are not met.

For Term Year 1, the Telephone Company will apply a maximum of \$600,000 in special construction credits to improve performance at mutually agreed cell sites that are performing below the DS1 Percentage of 99.9650% Network Availability. The special construction credits will not exceed \$600,000 for the sum of all mutually agreed cell sites in all of the Contract Offers, as described in Section 23.9.3(A). This special construction credit will be available until Term Year 1 Annual True-Up.

- (1) The DS1 Qualified Access Services cell site performance level parameters will be based on DS1 Percentage of Network Availability. The DS1 Percent of Network Availability will be calculated by determining the actual hours that the cell site DS1 circuits are in service during the Term Year compared to the total expected availability, and then aggregating those total hours over the course of a Term Year.

Example:

If a Customer had 100 circuits in service at the end of January and 110 at the end of February, their total hours of expected availability would be (31 days times 100 circuits, times 24 hours) plus (28 days, times 110 circuits, times 24 hours), or 148,320. This would be the denominator of the network availability equation.

The numerator would be the total hours of outage based on measured trouble found tickets reported to the Telephone Company, subtracted from the 148,320. If there were eight (8) reported failures totaling twenty-eight (28) hours of outage time, the resulting availability for those two (2) months will be equal to $((148,320 - 28) / 148,320)$, or 99.981 percent.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.9 WAMS-VIP Performance – Credits (Cont'd)(A) Cell Site Performance (Cont'd)

- (2) Table D, below, provides cell site service performance targets, based on DS1 Percentage of Network Availability, for each Term Year.

Table D

Term Year	% Network Availability
1	99.9650%
2	99.9700%
3	99.9750%
4	99.9850%
5	99.9900%

- (3) At the Annual True-Up, if the Telephone Company's annual results fail to meet the performance target for the Term Year, as specified in Table D, above, and the Customer has met the IDC, the Telephone Company will provide credits for products and services as follows:

- (i) The Telephone Company will apply one hundred dollars (\$100) in special construction credits for each measured trouble found ticket reported to the Telephone Company during the Term Year for cell site improvements. The special construction credits will be used to improve performance at mutually agreed cell sites that are performing below the DS1 Percentage of Network Availability as specified in Table D, above; and
- (ii) The special construction credits will be available for nine (9) months following the Annual True-Up in any Term Year in which the Telephone Company failed to meet the performance target.

Example: Special construction credits can be used to offset the cost of replacing copper with fiber at non-performing cell sites.

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.9 Contract Offer No. 9 – Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.10 Termination

The Customer's subscription to this Contract Offer No. 9 shall terminate if the Customer elects to terminate this Contract Offer No. 9, or if the Customer materially breaches this Contract Offer, or any tariff governing any Qualifying Service provided pursuant to this Contract Offer No. 9, except as expressly provided to the contrary herein.

If the Customer elects to terminate its Contract Offer Subscription during the Term Period, the Customer must provide written notification to the Telephone Company indicating the Customer's intention to terminate its Contract Offer Subscription. This notification must include the date upon which the Customer wishes to terminate its Contract Offer Subscription.

(A) Termination Liability

Termination charges will be calculated as the percentage of all discounts given up to the time of termination as listed in Table E, below.

Table E:

Months	Termination Liability %
1 to 12	120%
13 to 24	75%
25 to 36	50%
37 to 48	25%
49 to 60	10%

Example:

The Customer terminates its Contract Offer Subscription after twenty-four (24) months, and the Customer received an IDCC of \$25,400,000 for the previous twenty-four (24) months. The termination liability charges would be:

$\$25,400,000 \times 75\% = \$19,050,000$ termination liability charges.

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(N)

23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.10 Termination (Cont'd)(B) Excessive Service Outage Termination

An Excessive Service Outage occurs when the Customer's, Dedicated SONET Ring Service (DSRS), or any self-healing ring-based Qualified Access Service experiences simultaneous equipment service interruptions of both the working and protection path of the network, and the service interruptions have not been excepted from treatment for a credit allowance under NBTC Tariff F.C.C. No. 1, Section 2.

(1) An Excessive Service Outage remedy will be available to the Customer if any of the following conditions apply:

- (a) If, during any consecutive six (6) month period, there are more than two (2) Excessive Service Outages on an individual DSRS;
- (b) If, during any consecutive twelve (12) month period, there are more than three (3) Excessive Service Outages on an individual DSRS; and/or
- (c) If Excessive Service Outages reach a cumulative total of twelve (12) hours in any period of thirty (30) consecutive calendar days on an individual DSRS.

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23. Pricing Flexibility Contract Offerings (Cont'd)23.9 Contract Offer No. 9 - Wireless Advantage Managed Services Value Incentive Plan (WAMS-VIP) Offer (Cont'd)23.9.10 Termination (Cont'd)(B) Excessive Service Outage Termination (Cont'd)

(2) If an Excessive Service Outage occurs, the Customer shall have one of the following Excessive Service Outage remedies. The Customer shall elect one of these remedies within sixty (60) days after the end of the Excessive Service Outage, as defined in Section 23.9.10(B)(1), by providing written notice to the Telephone Company:

- (a) All underlying tariff remedies for the outage will apply for each Excessive Service Outage with no monthly limitations;
- (b) Any failed equipment that is responsible for an Excessive Service Outage will be replaced, at no charge to the Customer, and with no change in the Customer's Term Period; or
- (c) The Customer may terminate its subscription to the DSRS service which incurred the outage(s) without incurring termination liability charges, if applicable, by providing written notice to the Telephone Company. Termination will be effective within two hundred and forty (240) calendar days following delivery of written notice to the Telephone Company.

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23. Pricing Flexibility Contract Offerings

(N)

23.10 Contract Offer No. 10 – Dedicated SONET Ring Service Offer23.10.1 General Description

Dedicated SONET Ring Service Offer (Contract Offer No. 10) is an access service discount pricing plan that permits Customers that meet the Eligibility Criteria in Section 23.10.3, and the Terms and Conditions in Section 23.10.4, to purchase Subject Services listed in Section 23.10.2 at the discounted rates provided in Section 23.10.5. Subject Services provided under Contract Offer No. 10 are available only in the Pricing Flexibility Metropolitan Statistical Areas (hereafter referred to as (MSAs) listed in Section 23.10.3(B).

Contract Offer No. 10 is available for subscription from August 11, 2006 through September 11, 2006. This Contract Offer is not renewable.

23.10.2 Subject Services

(A) Contract Offer No. 10 applies to the following pricing flexibility qualified access services (hereafter referred to as Subject Services) contained in the following tariff sections:

(1) Nevada Bell Telephone Company (NBTC) Tariff F.C.C. No 1, Section 26 – Dedicated SONET Ring Service (DSRS).

(B) All Terms and Conditions for the Subject Services listed above are governed by their respective tariff sections, except as noted herein.

23.10.3 Eligibility Criteria

The following eligibility criteria must be met to receive the Contract Offer No. 10 discounted rates:

(A) Subject Services must be pricing flexibility qualified access services listed in Section 23.10.2(A);

(B) Subject Services must be located in the following Pricing Flexibility MSA: Reno, NV; and

(C) All traffic must originate or terminate at a Mobile Switching Center (MSC).

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.10 Contract Offer No. 10 - Dedicated SONET Ring Service Offer (Cont'd)23.10.4 Terms and Conditions(A) Term Period

The contract term (Term Period) shall be five (5) years commencing on the date billing begins. Billing shall begin no later than thirty (30) days after the Telephone Company's installation of the Subject Services provided under this Contract Offer. This offer is not renewable.

At the expiration of the Term Period, the Customer may choose from the payment plan options described in NBTC Tariff F.C.C. No. 1, Section 26, for DSRS. If, at the expiration of the Term Period, the Customer does not choose to disconnect or to select one of those payment plan options, the Telephone Company shall convert the Subject Services to the prevailing monthly extension tariff rates as described in Section 22.5.2.12.

(B) Rate stability under Contract Offer No. 10 shall apply only to the rates specific to this Contract Offer, as provided in Rate Table A of Section 23.10.5. Subject Services are also subject to certain rates, charges and general terms and conditions as set forth in Sections 2-General Regulations, 5-Ordering Options, and 13-Additional Engineering, Additional Labor and Miscellaneous Services. Such terms and conditions may be modified through the filing of tariff revisions at any time during the Term Period; however, such tariff modifications will not change the Terms and Conditions described in this Contract Offer. Subject Services are also subject to general terms and conditions of NBTC F.C.C. Tariff No. 1, and such terms and conditions may be modified through the filing of tariff changes at any time during the Term Period.

(C) In order to subscribe to this Contract Offer, the Customer must submit a Letter of Subscription (LOS) to the Telephone Company.

(D) If, after five (5) days from the date the Telephone Company receives the LOS and prior to commencement of the Term Period, the Customer cancels the LOS, cancellation charges will apply. The Customer must pay cancellation charges, which are the documented actual costs incurred by the Telephone Company directly related to the cancelled service up to the date of cancellation.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.10 Contract Offer No. 10 - Dedicated SONET Ring Service Offer (Cont'd)23.10.4 Terms and Conditions (Cont'd)

- (E) If the Customer terminates an individual Subject Service provided under this Contract Offer and/or terminates this Contract Offer in its entirety during the Term Period, termination liability charges will apply in accordance with Section 23.10.8.
- (F) Any additional service, features or functions not listed in Section 23.10.5 of this Contract Offer must be requested by the Customer, and will be provided by the Telephone Company according to Section 22 - Metropolitan Statistical Area Access Services.
- (G) The Customer must order one (1) new three (3) node OC-48 DSRS within thirty (30) days of contract subscription. During the Term Period, the Customer may order additional nodes to be added to the Subject Service at the prices pursuant to this Contract Offer.

23.10.5 Rates and Charges(A) New OC-48 Dedicated Ring Service Rates and Charges:

The Customer shall pay the following Monthly Recurring Charge (MRC) for the new OC-48 DSRS, as described in Table A, below.

Table A

OC-48 DSRS Rate Elements	USOC	Rate
Customer Premises Node, Per Node	FP5EX	\$3,430.00
Central Office Node, Per Node	FC5EX	\$2,800.00
OC-48 Add/Drop Capability, Per Node	MPEFX	\$ 980.00
OC12/OC12c Port, Per Port	SPRHX	\$ 252.00
OC3/OC3c Port, Per Port	SPRJX	\$ 94.50
DS3 Port, Per Port	SPRKX	\$ 77.00
OC-48 Mileage, Per Mile	1YAZX	\$ 154.00
OC-48 Regenerator, Per Regenerator	RGY	\$1,834.00

Prevailing tariff Non-Recurring Charges (NRCs) as described in Sections 22 and 26 for OC-48 DSRS shall apply.

If a node is added to the OC-48 DSRS, prior to the last twelve (12) months of the Term Period, the new node will be co-terminus with the initial Term Period. However, if a node is added during the last twelve (12) months or less of the Term Period, the Customer will be billed the node MRC for a minimum period of twelve (12) months.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.10 Contract Offer No. 10 – Dedicated SONET Ring Service Offer (Cont'd)23.10.6 Assignment and Transfer

If the Customer wishes to assign or transfer its use of services under this Contract Offer pursuant to NBTC Tariff F.C.C. No. 1, Section 2.1.2, the Telephone Company will acknowledge such transfer or assignment if the criteria in NBTC Tariff F.C.C. No. 1, Section 2.1.2, are fulfilled, unless 1) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (A) or (B) below, or 2) if the proposed assignee or transferee or its parent has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

- (A) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than 50% of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission; or

If any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.

- (B) The proposed assignee or transferee does not have any outstanding securities rated by credit rating agencies, e.g. Standard and Poor's, but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated:

- (1) "fair" or below in a composite credit appraisal published by Dun and Bradstreet; or
- (2) "high risk" in a Paydex score as published by Dun and Bradstreet.

(N)

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23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.10 Contract Offer No. 10 - Dedicated SONET Ring Service Offer (Cont'd)23.10.7 Mergers and Acquisitions

The Terms and Conditions of this Contract Offer shall continue in full force and in effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all of its stock or assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, the Subject Services as provided for in this Contract Offer will continue to be maintained at the same volume, rates, Terms and Conditions as outlined herein. The Transaction Close Date shall be defined as the date that the stock purchase is complete and/or the final date on which the assets of the acquired/merged company have been purchased.

23.10.8 Termination Liability

Termination liability shall apply as provided herein, in lieu of termination liability as provided in NBTC Tariff F.C.C. No 1, Section 26. Termination charges shall become due as of the effective date of the termination and are payable within thirty (30) days after the billing invoice date.

Termination liability charge applies if the Customer terminates an individual Subject Service provided under this Contract Offer, terminates this Contract Offer in its entirety or if the Customer materially breaches this Contract Offer. The Customer shall be liable for a termination charge which shall be equal to 50 percent of the MRC for the Subject Service for the balance of the Term Period.

The termination charge shall be calculated as (MRC multiplied by (months remaining in Service Term) multiplied by termination liability percentage of 50 percent).

Example: The MRC for the Subject Service equals \$10,000 and the Subject Service is terminated after thirty-six (36) months, with twenty-four (24) months remaining in the Term Period. The termination charge would be:

$(\$10,000 \times 24) \times 50\% = \$120,000$ Termination Charge

Upon termination of this Contract Offer, all Subject Services then remaining in service will be converted to the prevailing monthly extension tariff rates applicable to the Subject Services as described in NBTC Tariff F.C.C. No. 1, Section 22.

(N)

(This page filed under Transmittal No. 137)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings

(N)

23.11 Contract Offer No. 11 – OC-192 Dedicated SONET Ring Offer23.11.1 General Description

Contract Offer No. 11 – OC-192 Dedicated SONET Ring Offer is an access discount pricing plan that provides the Customer with discounted rates for the consolidation of point-to-point services to an OC-192 Dedicated SONET Ring infrastructure.

Contract Offer No. 11 is available for subscription October 3, 2006 through November 3, 2006. This Contract Offer is not renewable.

23.11.2 Service Qualifications

(A) This Contract Offer applies to access services that qualify for pricing flexibility (hereafter referred to as Subject Services), as provided in Nevada Bell Telephone Company (NBTC) Tariff F.C.C. No. 1, Section 27 – OC-192 Dedicated SONET Ring Service.

(B) Subject Services provided under this Contract Offer must be:

(1) Located in the following Pricing Flexibility Metropolitan Statistical Area (hereafter referred to as MSA): Reno, NV

(2) A new OC-192 Dedicated SONET Ring configured as:

- (a) One (1) Customer Premises Node;
- (b) One (1) Central Office (CO) Node; and
- (c) Ring Mileage less than ten (10) miles.

23.11.3 Eligibility Criteria

Any Customer that is willing to purchase qualified services as described in Section 23.11.2(B) from the Telephone Company within six (6) months of subscription to this Contract Offer shall be eligible.

(N)

(This page filed under Transmittal No. 143)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.11 Contract Offer No. 11 - OC-192 Dedicated Ring Offer (Cont'd)23.11.4 Terms and Conditions(A) Term Period

The initial contract term (Term Period) shall be sixty-six (66) months commencing on the date the Telephone Company receives a Letter of Subscription (LOS) from the Customer.

Upon the completion of the initial sixty-three (63) months of the Term Period, the Term Period shall be automatically extended on a month-to-month basis until terminated by either party upon no less than ninety (90) days written notice to the other.

Upon termination of the Term Period, the Subject Services provided under this Contract Offer shall be subsequently provided under the prevailing applicable monthly extension rates found in Section 22.5.2.13, unless the Customer:

- (1) Selects an applicable Term Pricing Plan described in Section 27.3(C); or
- (2) Disconnects the Subject Services.

(B) General

- (1) Subject Services provided under this Contract Offer are subject to certain rates, charges and general terms and conditions described in Sections 2, 5 and 13, as applicable. Such terms and conditions may be modified through filing tariff changes at any time during the Term Period; however, such tariff modifications will not change the Terms and Conditions described in this Contract Offer.
- (2) All terms and conditions for the Subject Services provided under this Contract Offer shall continue to be governed by the otherwise applicable tariff sections, except as provided herein.
- (3) The Customer shall not include Subject Services provided under this Contract Offer in any other contract offer.
- (4) To subscribe to this Contract Offer, the Customer must provide the Telephone Company with an LOS.

(N)

(This page filed under Transmittal No. 143)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.11 Contract Offer No. 11 - OC-192 Dedicated Ring Offer (Cont'd)23.11.4 Terms and Conditions (Cont'd)(B) General (Cont'd)

- (5) Commingling shall be defined as provided in Section 2.6. Commingling of Subject Services provided under this Contract Offer is prohibited.
- (6) If the Customer terminates this Contract Offer, termination liability charges shall apply in accordance with Section 23.11.8(A).
- (7) The Telephone Company shall provide one (1) new Subject Service (OC-192 Dedicated SONET Ring) under this Contract Offer.
- (8) The minimum term commitment, Service Term, for each rate element on the Subject Service provided under this Contract Offer shall be sixty (60) months. If the Customer disconnects rate elements prior to the completion of the Service Term, a termination charge shall apply in accordance with Section 23.11.8(B).
- (9) The Customer must purchase one (1) new Subject Service configured as described in Section 23.11.2(B). The Subject Service must be installed by the Telephone Company and accepted by the Customer within the first six (6) months of the Term Period.
- (10) If the Customer fails to purchase the required new Subject Service as described above, the Customer shall pay the Telephone Company a true-up amount, equal to \$1,200 per day until the required Subject Service has been purchased. The true-up amount, if required, will be billed after the required Subject Service is purchased or upon termination of this Contract Offer after six (6) months of non-compliance with Section 23.11.4(B)(9), above.
- (11) The Telephone Company will waive any applicable termination charges for Customers subscribed to Contract Offer No. 11, upon such Customer's subscription to this Contract Offer.

(N)

(This page filed under Transmittal No. 143)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.11 Contract Offer No. 11 – OC-192 Dedicated Ring Offer (Cont'd)23.11.5 Rates and Charges

The following Monthly Recurring Charges (MRCs) shall apply to the rate elements on the Subject Service provided under this Contract Offer.

Description	Applicable USOC	MRC
Per Node		
Customer Premises Node	GP5AX	\$13,500.00
CO Node	GC5AX	12,000.00
Add Drop Capability	MXRGX	3,240.00
Mileage, per mile between nodes	1YAZX	210.00
Per Port		
DS3	S9QGX	110.00
OC-3, OC-3c	S9NEX	120.00
OC-12, OC-12c	S9NGX	300.00
OC-48, OC-48c	S9NJX	760.00
100 Mbps Ethernet (STS-1)	S9TNX	130.00
100 Mbps Ethernet (STS-3c)	S9TOX	160.00
1 Gbps Ethernet (STS-1)	S9TPX	200.00
1 Gbps Ethernet (STS-3c)	S9TQX	200.00
1 Gbps Ethernet (STS-12c)	S9TRX	500.00
1 Gbps Ethernet (STS-24c)	S9TSX	850.00

Any rate element not described herein shall be subject to the rates and charges outlined in Section 22.5.2.13.

23.11.6 Assignment and Transfer

If the Customer wishes to assign or transfer its use of services under this Contract Offer pursuant to Section 2.1.2, the Telephone Company shall acknowledge such transfer or assignment if the criteria in Section 2.1.2 are met, unless (1) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (A) or (B) herein, or (2) if the proposed assignee or transferee or its parent has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

(N)

(This page filed under Transmittal No. 143)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.11 Contract Offer No. 11 - OC-192 Dedicated Ring Offer (Cont'd)23.11.6 Assignment and Transfer (Cont'd)

- (A) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than 50 percent of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission, or if any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.
- (B) The proposed assignee or transferee does not have any outstanding securities rated by credit rating agencies (e.g. Standard and Poor's), but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated "fair" or below in a composite credit appraisal published by Dun and Bradstreet, or "high risk" in a Paydex score as published by Dun and Bradstreet.

23.11.7 Mergers and Acquisitions

All provisions of this Contract Offer shall continue in full force and in effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all its stock or assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, the Subject Services, as provided for in this Contract Offer, shall continue to be maintained at the same volume, rates, Terms and Conditions as outlined herein. The Transaction Close Date shall be defined as the date that the stock purchase is complete, and/or the final date on which the assets of the acquired/merged company have been purchased.

(N)

(This page filed under Transmittal No. 143)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.11 Contract Offer No. 11 - OC-192 Dedicated Ring Offer (Cont'd)23.11.8 Termination Liability

During the Term Period of this Contract Offer, the termination liability language contained below applies in lieu of the termination liability language described in Section 27.3. Termination charges shall become due as of the effective date of the termination.

- (A) If the Customer terminates this Contract Offer, or is not in compliance with all provisions of this Contract Offer, the Customer shall be liable for a termination charge which shall be equal to \$21,530 per month for the balance of the Term Period. The termination charge shall be calculated as \$21,530 multiplied by (months remaining in Term Period).

Example: The Contract Offer is terminated after fifty-three (53) months and has ten (10) months remaining in the Term Period. The termination charge shall be:

$$\$21,530 \times 10 = \$215,300 \text{ Termination Charge}$$

- (B) If the Customer terminates individual rate elements provided under this Contract Offer during the Service Term, the Customer shall be liable for a termination charge which shall be equal to fifty (50) percent of the MRC for the terminated rate elements for the balance of the Service Term. The termination charge shall be calculated as (MRC) multiplied by (months remaining in Service Term) multiplied by (termination liability percentage of 50 percent).

Example: The MRC equals \$110 and the Subject Service is terminated after thirty-six (36) months and has twenty-four (24) months remaining in the Term Period. The termination charge shall be:

$$(\$110 \times 24) \times 50\% = \$1,320 \text{ Termination Charge}$$

(N)

(This page filed under Transmittal No. 143)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings

(N)

23.12 Contract Offer No. 12 - OC-192 Dedicated SONET Ring Offer23.12.1 General Description

Contract Offer No. 12 - OC-192 Dedicated SONET Ring Offer is an access discount pricing plan that provides the Customer with discounted rates for an OC-192 Dedicated SONET Ring infrastructure.

Contract Offer No. 12 is available for subscription November 29, 2006 through December 29, 2006. This Contract Offer is not renewable.

23.12.2 Service Qualifications

(A) This Contract Offer applies to access services that qualify for pricing flexibility (hereafter referred to as Subject Services), as provided in Nevada Bell Telephone Company (NBTC) Tariff F.C.C. No. 1, Section 27 - OC-192 Dedicated SONET Ring Service.

(B) Subject Services provided under this Contract Offer must be:

(1) Located in the following Pricing Flexibility Metropolitan Statistical Area (hereafter referred to as MSA): Reno, NV

(2) A new OC-192 Dedicated SONET Ring configured as:

- (a) One (1) Customer Premises Node;
- (b) One (1) Central Office (CO) Node; and
- (c) Ring Mileage less than ten (10) miles.

23.12.3 Eligibility Criteria

Any Customer willing to purchase Subject Services as described in Section 23.12.2(B) from the Telephone Company shall be eligible.

(N)

(This page filed under Transmittal No. 147)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.12 Contract Offer No. 12 - OC-192 Dedicated Ring Offer (Cont'd)23.12.4 Terms and Conditions(A) Term Period

The initial contract term (Term Period) shall be sixty-six (66) months commencing on the date the Telephone Company receives a Letter of Subscription (LOS) from the Customer.

Upon the completion of the initial sixty-six (66) months of the Term Period, the Term Period shall be automatically extended on a month-to-month basis until terminated by either party upon no less than ninety (90) days written notice to the other.

Upon termination of the Term Period, the Subject Services provided under this Contract Offer shall be subsequently provided under the prevailing applicable monthly extension rates found in Section 22.5.2.13, unless the Customer:

- (1) Selects an applicable Term Pricing Plan described in Section 27.3(C); or
- (2) Disconnects the Subject Services.

(B) General

- (1) Subject Services provided under this Contract Offer are subject to certain rates, charges and general terms and conditions described in Sections 2, 5 and 13, as applicable. Such terms and conditions may be modified through filing tariff changes at any time during the Term Period; however, such tariff modifications will not change the Terms and Conditions described in this Contract Offer.
- (2) All terms and conditions for the Subject Services provided under this Contract Offer shall continue to be governed by the otherwise applicable tariff sections, except as provided herein.
- (3) The Customer shall not include Subject Services provided under this Contract Offer in any other contract offer.
- (4) To subscribe to this Contract Offer, the Customer must provide the Telephone Company with an LOS.

(N)

(This page filed under Transmittal No. 147)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.12 Contract Offer No. 12 - OC-192 Dedicated Ring Offer (Cont'd)23.12.4 Terms and Conditions (Cont'd)(B) General (Cont'd)

- (5) Commingling shall be defined as provided in Section 2.6. Commingling of Subject Services provided under this Contract Offer is prohibited.
- (6) If the Customer terminates this Contract Offer, termination liability charges shall apply in accordance with Section 23.12.8(A).
- (7) The Telephone Company shall provide one (1) new Subject Service (OC-192 Dedicated SONET Ring) under this Contract Offer.
- (8) The minimum term commitment, Service Term, for each rate element on the Subject Service provided under this Contract Offer shall be sixty (60) months. If the Customer disconnects rate elements prior to the completion of the Service Term, a termination charge shall apply in accordance with Section 23.12.8(B).
- (9) The Customer must purchase one (1) new Subject Service configured as described in Section 23.12.2(B). The Subject Service must be installed by the Telephone Company and accepted by the Customer within the first six (6) months of the Term Period.
- (10) If the Customer fails to purchase the required new Subject Service as described above, the Customer shall pay the Telephone Company a true-up amount, equal to \$1,200 per day until the required Subject Service has been purchased. The true-up amount, if required, will be billed after the required Subject Service is purchased, by the Customer or upon termination of this Contract Offer after six (6) months of non-compliance with Section 23.12.4(B)(9), above.
- (11) The Telephone Company will waive any applicable termination charges for Customers subscribed to Contract Offer No. 11, upon such Customer's subscription to this Contract Offer.

(N)

(This page filed under Transmittal No. 147)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.12 Contract Offer No. 12 - OC-192 Dedicated Ring Offer (Cont'd)23.12.5 Rates and Charges

The following Monthly Recurring Charges (MRCs) shall apply to the rate elements on the Subject Service provided under this Contract Offer.

Description	Applicable USOC	MRC
Per Node		
Customer Premises Node	GP5AX	\$13,000.00
CO Node	GC5AX	11,500.00
Add/Drop Capability	MXRGX	3,240.00
Optical to Electrical Add/Drop	MXJGX	1,000.00
Mileage, per mile between nodes	1YAZX	210.00
Per Port		
DS3	S9QGX	110.00
OC-3, OC-3c	S9NEX	120.00
OC-12, OC-12c	S9NGX	300.00
OC-48, OC-48c	S9NJX	760.00
100 Mbps Ethernet (STS-1)	S9TNX	130.00
100 Mbps Ethernet (STS-3c)	S9TOX	160.00
1 Gbps Ethernet (STS-1)	S9TPX	200.00
1 Gbps Ethernet (STS-3c)	S9TQX	200.00
1 Gbps Ethernet (STS-12c)	S9TRX	500.00
1 Gbps Ethernet (STS-24c)	S9TSX	850.00

Any rate element not described herein shall be subject to the rates and charges outlined in Section 22.5.2.13.

23.12.6 Assignment and Transfer

If the Customer wishes to assign or transfer its use of services under this Contract Offer, pursuant to Section 2.1.2, the Telephone Company shall acknowledge such transfer or assignment if the criteria in Section 2.1.2 are met, unless (1) the proposed assignee or transferee demonstrates a lack of credit worthiness under one of the criteria in (A) or (B) below, or (2) if the proposed assignee or transferee or its parent has commenced a voluntary receivership or bankruptcy proceeding (or had a receivership or bankruptcy proceeding initiated against it).

(N)

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ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.12 Contract Offer No. 12 - OC-192 Dedicated Ring Offer (Cont'd)23.12.6 Assignment and Transfer (Cont'd)

- (A) Any debt securities of the proposed assignee or transferee or its parent (defined as an entity that owns directly or indirectly more than 50 percent of the equity of the proposed assignee or transferee) are rated below investment grade, as defined by the Securities and Exchange Commission, or if any debt securities of a proposed assignee or transferee or its parent are rated the lowest investment grade and have been placed on review by the rating organization for a possible downgrade.
- (B) The proposed assignee or transferee does not have any outstanding securities rated by credit rating agencies (e.g. Standard and Poor's), but does have a Dun and Bradstreet rating, and the proposed assignee or transferee is rated "fair" or below in a composite credit appraisal published by Dun and Bradstreet, or "high risk" in a Paydex score as published by Dun and Bradstreet.

23.12.7 Mergers and Acquisitions

All provisions of this Contract Offer shall continue in full force and in effect if the Customer, in whole or in part, merges with, acquires, is acquired by, sells all or substantially all its stock or assets to any other entity, or purchases all stock or substantially all stock or certain assets of another company (the foregoing generally referred to herein as a merger or acquisition). Upon the Transaction Close Date of the merger or acquisition, if the other company involved in the merger or acquisition also purchases Subject Services from the Telephone Company, the Subject Services, as provided for in this Contract Offer, shall continue to be maintained at the same volume, rates, terms and conditions as outlined herein. The Transaction Close Date shall be defined as the date that the stock purchase is complete, and/or the final date on which the assets of the acquired/merged company have been purchased.

(N)

(This page filed under Transmittal No. 147)

ACCESS SERVICE

23. Pricing Flexibility Contract Offerings (Cont'd)

(N)

23.12 Contract Offer No. 12 - OC-192 Dedicated Ring Offer (Cont'd)23.12.8 Termination Liability

During the Term Period of this Contract Offer, the termination liability language contained below applies in lieu of the termination liability language described in Section 27.3. Termination charges shall become due as of the effective date of the termination.

- (A) If the Customer terminates this Contract Offer, or is not in compliance with all provisions of this Contract Offer, the Customer shall be liable for a termination charge which shall be equal to \$21,530 per month for the balance of the Term Period. The termination charge shall be calculated as \$21,530 multiplied by (months remaining in Term Period).

Example: The Contract Offer is terminated after fifty-three (53) months, and has ten (10) months remaining in the Term Period. The termination charge shall be:

$$\$21,530 \times 10 = \$215,300 \text{ Termination Charge}$$

- (B) If the Customer terminates individual rate elements provided under this Contract Offer during the Service Term, the Customer shall be liable for a termination charge which shall be equal to 50 percent of the MRC for the terminated rate elements for the balance of the Service Term. The termination charge shall be calculated as (MRC) multiplied by (months remaining in Service Term) multiplied by (termination liability percentage of 50 percent).

Example: The MRC equals \$110 and the Subject Service is terminated after thirty-six (36) months, and has twenty-four (24) months remaining in the Term Period. The termination charge shall be:

$$(\$110 \times 24) \times 50\% = \$1,320 \text{ Termination Charge}$$

(N)

(This page filed under Transmittal No. 147)

ACCESS SERVICE

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Issued: May 16, 2006

Effective: May 31, 2006

ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service

(N)

24.1 Service Description(A) Basic Service Description

TIPToP service offers the providers of Internet Protocol (IP) enabled voice information services that use the TIPToP service (TIPToP Customers) the capability to connect traffic from IP enabled voice information service user (IP-VIS User) to Telephone Company End Users, or Off Net End Users using Public Switched Telephone Network (PSTN) based voice services via end offices or tandems subtended by the Telephone Company Access Tandems.

TIPToP service also allows TIPToP Customers to connect traffic from Telephone Company End Users or Off Net End Users to IP-VIS Users. The Telephone Company's existing network architecture is utilized to connect this traffic to TIPToP port interfaces.

TIPToP service provides a Time Division Multiplexed (TDM) port interface, including one-way or two-way port interfaces to originate and terminate traffic between TIPToP Customers and Telephone Company End Users and Off Net End Users.

TIPToP one-way port interfaces terminates traffic that originates from the TIPToP Customer's IP-VIS User to Telephone Company End Users which is considered IP-VIS On Net traffic. Traffic that originates from the TIPToP Customer's IP-VIS User and terminates to Off Net End Users as defined in Section 2.6, is considered IP-VIS Off Net traffic.

TIPToP two-way port interfaces terminates traffic that originates from Telephone Company End Users or Off Net End Users to TIPToP Customers. When traffic is originated from or terminated to the TIPToP Customer, the TIPToP Customer is responsible for completion of the traffic and connections between the demarcation point of the TIPToP service and the IP-VIS User. In addition, 8XX and toll traffic that is presubscribed to Interexchange Carriers (1+ PIC'd) originating from IP-VIS Users is routed via the two-way port interfaces to the Telephone Company Access Tandem for completion to the appropriate carrier.

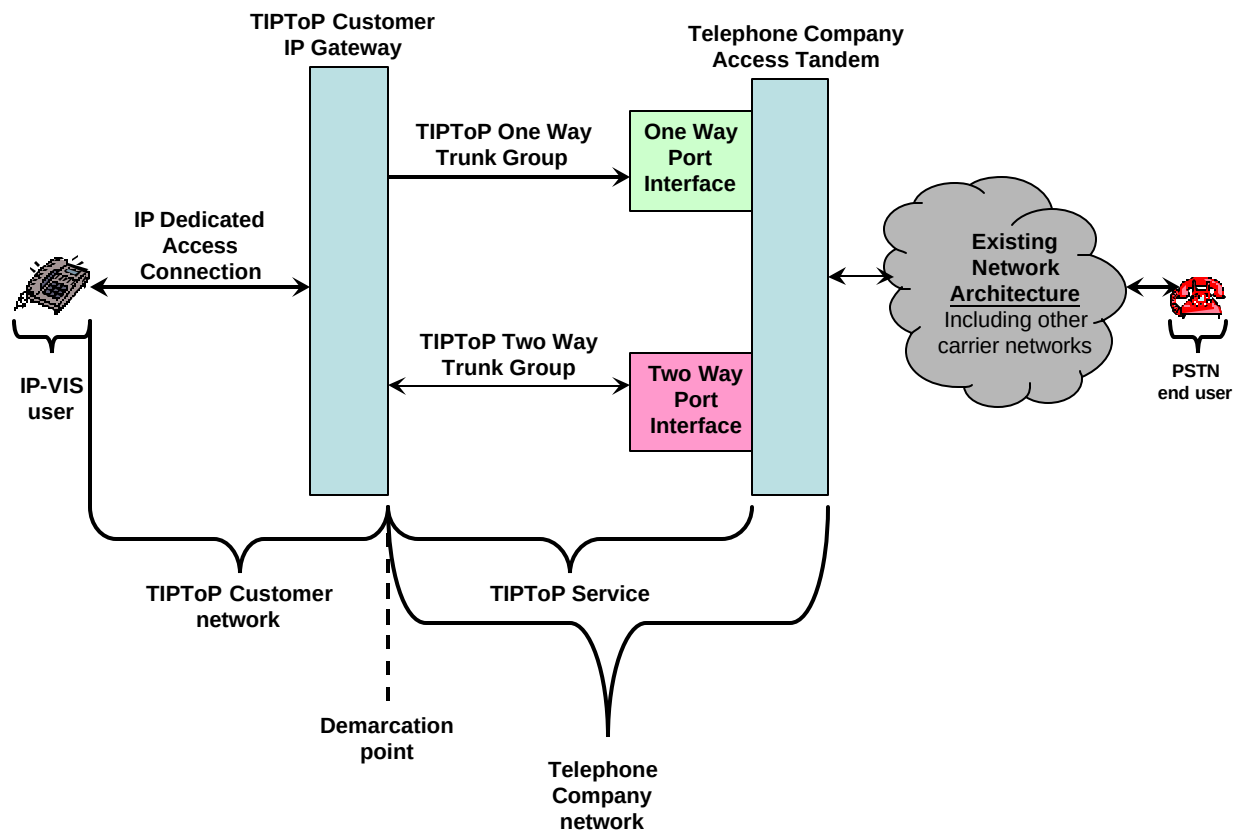
(N)

(This page filed under Transmittal No. 81)

ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)(A) Basic Service Description (Cont'd)

A diagram of the service connectivity is provided below.



(This page filed under Transmittal No. 81)

ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)

(N)

24.1 Service Description (Cont'd)(B) Service Provisioning(1) Manner of Provisioning(a) Originating IP-VIS Traffic to the PSTN

For originating IP-VIS traffic to the PSTN, TIPToP service is provisioned as a Time Division Multiplexed (TDM) port interface for TIPToP Customers to connect to the Telephone Company switched network, specifically for traffic that originates from IP-VIS Users and that generates IP-VIS traffic on the TIPToP Customer's network. TIPToP service begins at the TIPToP Customer's IP gateway once the IP-VIS traffic is converted to TDM format by the TIPToP Customer. Originating IP-VIS traffic travels on one-way or two-way port interfaces, as defined in this section. Traffic originating from an IP-VIS User is defined as IP-VIS traffic only when it meets both of the following requirements:

- 1) Traffic must be originated by an IP-VIS User at the IP-VIS User site.
- 2) Traffic must be transported from that IP-VIS User's Site to the TIPToP Customer using a IP Dedicated Access Connection, and such traffic must remain in IP format from the IP-VIS User Site to the TIPToP Customer's IP Gateway.

(b) Originating PSTN Traffic to the IP-VIS User.

For PSTN traffic that originates from a PSTN user to the IP-VIS User, TIPToP service is provisioned as a Time Division Multiplexed (TDM) port interface. The port interface enables TIPToP Customers to connect to the Telephone Company switched network only for IP-VIS traffic that terminates to IP-VIS Users on the TIPToP Customer's network. Traffic originating from the PSTN and terminating as IP-VIS traffic travels only on two-way port interfaces as defined in Section 24.1(B)(1)(f). Traffic terminating to IP-VIS Users is defined as IP-VIS traffic only when it meets both of the following requirements:

(N)

(This page filed under Transmittal No. 81)

ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)(B) Service Provisioning (Cont'd) (T)(1) Manner of Provisioning (Cont'd) (T)(b) Originating PSTN Traffic to the IP-VIS User(Cont'd)

1) Traffic must originate at a Telephone Company End User or Off Net End User and must travel through the TIPToP TDM Port Interface to the TIPToP Customer's IP Gateway. At the IP Gateway, the traffic must be converted to Internet Protocol and remain in Internet Protocol until it reaches the IP-VIS User Site.

2) Traffic delivered to the TIPToP Customer's IP Gateway must be routed from the IP Gateway to the IP-VIS User site of the IP-VIS User using an IP Network

(c) Non IP-VIS Traffic

Non IP-VIS traffic is not permitted on TIPToP port interfaces. TIPToP Customers must remove any Non IP-VIS traffic from TIPToP connections per the terms described in Section 24.1(C) following.

Non IP-VIS traffic that occurs on TIPToP port interfaces is billed a Non IP-VIS Minute of Use rate as described in Section 24.3 Rates and Charges.

(d) Utilization of Telephone Numbers

The Telephone Company routes calls to the TIPToP Customer following routing instructions contained in the Local Exchange Routing Guide (LERG) system. These routing instructions are based on valid telephone numbers, as defined in the North American Numbering Plan. Telephone numbers are required to be unique for each IP-VIS User and be dialable numbers that reach the IP-VIS User when dialed.

(This page filed under Transmittal No. 83)

ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)(B) Service Provisioning (Cont'd)

(T)

(1) Manner of Provisioning (Cont'd)(e) One-Way Port Interface

- (1) TIPToP service provides one-way port interfaces to the Telephone Company Access Tandem, or end office where applicable, that terminate IP-VIS traffic originated by IP-VIS Users on the TIPToP Customer's Network to the Telephone Company's End Users or Off Net End Users, with the exception of 8XX traffic or toll traffic that is presubscribed to Interexchange Carriers (1+ PIC'd), as described in 24.1 (B)(1)(f)(1).

(2) CHOKE Trunks

Choke trunks, designed to block excessive calling attempts toward High Volume Call In (HVCI)/Mass Calling NXXs are required as part of TIPToP service.

Within each serving area where the TIPToP Customer has IP-VIS Users, the choke trunks are required on TIPToP one-way port interfaces connected to the designated Public Response HVCI/Mass Calling Network Access Tandem. If the choke tandem is the same as the access tandem, choke trunks can be allocated as part of the LATA Wide TIPToP architecture. If the choke tandem is not the same as the access tandem, the TIPToP Customer must purchase additional TIPToP one-way port interfaces to the choke tandem and allocate these interfaces for the choke trunks. When one-way port interfaces must be purchased to the choke tandem, the required quantity must match the choke trunk quantity as listed below.

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)(B) Service Provisioning (Cont'd)

(T)

(1) Manner of Provisioning (Cont'd)(e) One-Way Port Interface (Cont'd)(2) CHOKE Trunks (Cont'd)

Choke trunks shall utilize Multi Frequency (MF) signaling. If the TIPToP Customer's switch or IP Gateway is technically incapable of producing MF signaling as documented by the switch or IP Gateway vendor, the choke trunks shall utilize SS7 signaling.

The HVCI/Mass Calling (Choke) Trunks must be purchased in the following increments:

Number of Access Lines Served	Number of Mass Calling Choke Trunk
0 – 10,000	2
10,001 – 20,000	3
20,001 – 30,000	4
30,001 – 40,000	5
40,001 – 50,000	6
50,001 – 60,000	7
60,001 – 75,000	8
75,000 +	9 maximum

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)

(T)

(B) Service Provisioning (Cont'd)(1) Manner of Provisioning (Cont'd)(f) Two-Way Port Interface

- (1) TIPToP service also provides two-way port interfaces to the Telephone Company Access Tandem that are used by TIPToP Customers to receive calls for IP-VIS Users from Telephone Company and Off Net End Users. TIPToP Customers are not permitted to use two-way port interfaces for traffic that should travel on a one-way port interface, as described in this section.

In addition, two-way port interfaces provide the TIPToP Customer with the ability to send non-queried 8XX (toll free traffic) and 1+ PIC'd IP-VIS traffic originating from IP-VIS Users to the Telephone Company network for completion to IXC networks. 8XX and 1+PIC'd traffic using TIPToP services must originate from IP-VIS Users using IP Dedicated Access Connections as described herein to qualify as IP-VIS On Net traffic.

Traffic originating from the IP-VIS User that is not 8XX and 1+ PIC'd is not permitted on the two-way port interface, and the Telephone Company may block such traffic where technically feasible. Traffic not permitted on two-way port interfaces that the Telephone Company does not block, or is not able to block, will be billed as Non IP-VIS traffic.

When 8XX traffic dialed by the IP-VIS User is sent to the Telephone Company by the TIPToP Customer, the Telephone Company will query the 800 database and complete the call to the IXC or to a 10-digit routable number based on the response that it receives from the 800 database for calls originating from that specific Telephone Company Access Tandem processing the call.

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)

(T)

(B) Service Provisioning (Cont'd)(1) Manner of Provisioning (Cont'd)

- (g) TIPToP port interfaces are separate trunk groups from all other types of trunk groups within the Telephone Company Network and may only be used as part of the TIPToP service (one-way and two-way port interfaces).
- (h) TIPToP services must be purchased as follows:
 - (1) TIPToP one-way port interfaces are required at every Telephone Company Access Tandem in the LATA in which the TIPToP Customer has:

- IP-VIS Users
- NPA-NXXs, or
- Telephone Numbers

In any other situation that the TIPToP Customer chooses to purchase one-way port interfaces in a LATA, the TIPToP Customer must purchase one-way port interfaces to every Telephone Company Access Tandem in that LATA.

- (2) TIPToP two-way port interfaces are required to every Telephone Company Access Tandem serving the Exchange in which the TIPToP Customer has IP-VIS Users or an NPA-NXX(s) or telephone numbers.

Each TIPToP port interface (one-way or two-way) is equivalent to the bandwidth of one DS0. At a minimum, the TIPToP Customer must configure six (6) TIPToP one-way port interfaces or six (6) TIPToP two-way port interfaces for each DS1 at the Telephone Company Access Tandem or End Office. If additional DS1s or larger facilities are used for TIPToP service, the TIPToP Customer is required to purchase at a minimum six (6) port interfaces (one-way or two-way) to be allocated on each DS1 facility installed.

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)

(N)

24.1 Service Description (Cont'd)(B) Service Provisioning (Cont'd)(1) Manner of Provisioning (Cont'd)

(h) (Cont'd)

When the choke tandem is the same as the access tandem, choke trunks are available as part of the TIPToP architecture. In cases when the choke tandem is not the same as the access tandem, the TIPToP Customer must purchase and allocate port interfaces for use with choke trunks directly to the choke tandems as described in Section 24.1(B)(1)(e) preceding.

The TIPToP Customer will not receive any other component or sub component of TIPToP service in any access tandem, end office switch, or any other Telephone Company switch, or other PSTN switches subtending Telephone Company tandems, or in any LATA in which the customer does not have TIPToP port interfaces installed as described above.

- (i) Any conversion from other Telephone Company services to TIPToP service requires a new order for service and new installations for TIPToP services.
- (j) In LATAs where TIPToP service is purchased by the TIPToP Customer, the TIPToP Customer is required to utilize TIPToP service and connections for all traffic between all of its IP-VIS Users and Telephone Company End Users and Off Net End Users subtending the Telephone Company Access Tandems within the LATA.

The TIPToP Customer will be allowed six (6) months to migrate all IP-VIS traffic in a LATA to TIPToP port interfaces per the terms of this tariff. The six (6) months will be counted from the date the first TIPToP port interface is installed in the LATA. If additional TIPToP service elements are required to match the TIPToP architecture, these elements must be ordered within 90 days of the initial order date.

(N)

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)

(N)

24.1 Service Description (Cont'd)(B) Service Provisioning (Cont'd)(1) Manner of Provisioning (Cont'd)

- (k) If more than 50% of the traffic on any one-way port interface physically originates in one exchange and terminates in another exchange in the same state (as measured based on originating and terminating NPA/NXXs from the call detail) then a Non IP-VIS rate is applied to all traffic in the LATA for the bill period in which the percentage exceeded 50%.

This traffic will be classified as Non IP-VIS traffic and is billed under this section at the applicable Non IP-VIS On Net rate or Non IP-VIS Off Net rate and subject to the terms in 24.1 (C)(9) following.

- (l) TIPToP service requires TIPToP Customers to send accurate Calling Party Number (CPN) to the Telephone Company with each call in order to qualify for TIPToP IP-VIS rates. Calls must provide an accurate CPN to qualify as IP-VIS traffic and to be rated at the applicable IP-VIS rates in this tariff. Accurate CPN is:

- CPN that is a dialable working telephone number, that when dialed, will reach the IP-VIS User to whom it is assigned, at that IP-VIS User's IP-VIS User Site and use the Internet Protocol Network at the IP-VIS User Site to reach the IP-VIS User.
- CPN that has not been altered.
- CPN that is not a charge party number.
- CPN that follows the North American Numbering Standard and can be identified in numbering databases and the LERG as an active number.
- CPN that is assigned to an active IP-VIS User.

Calls sent without an accurate CPN, or sent without a CPN, will be classified as Non IP-VIS traffic and will be rated at the applicable On Net or Off Net Non IP-VIS rates and subject to the terms in 24.1 (C)(9) following.

(N)

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)(B) Service Provisioning (Cont'd)(1) Manner of Provisioning (Cont'd)

(m) The TIPToP Customer must prevent any external party, other than legally authorized agencies, from accessing private CPN that is sent to the TIPToP Customer. The TIPToP Customer must implement procedures to restrict internal access to private CPN, and that all records of private CPN are destroyed after a reasonable period of time. Any lawful request from law enforcement to obtain call trace logs must be honored by the TIPToP Customer.

(n) Acceptance Tests are tests that are performed during the installation of TIPToP service. These tests are cooperative tests between the Telephone Company and the TIPToP Customer and they are performed before the first live traffic can be placed in the TIPToP service. There is no charge for Acceptance Testing.

(o) Traffic Volume

(1) One-way Port Interface - when a TIPToP Customer's traffic increases to the bandwidth equivalent of 48 DS0s to any one end office, the TIPToP Customer is required to purchase direct one-way port interfaces for use with TIPToP service to that end office, as described in Section 24.3 rate and charges.

(T)

(2) Two-way Port Interface - when a TIPToP Customer's traffic is equal to or greater than a bandwidth equivalent of 48 DS0s between an existing two-way port interface and an access tandem without direct two-way port interfaces from the TIPToP Customer, the customer must purchase two-way port interfaces to that access tandem.

(T)

(2) Limitations

(a) TIPToP service does not include Alternate Billed Services (ABS). ABS includes, but is not limited to, Collect Calling, Third Party Billed Calls, Calling Card calls, Phone Card calls, or Credit Card calls billed to telephone numbers assigned to the IP-VIS User of the TIPToP Customer or the TIPToP Customer.

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)(B) Service Provisioning (Cont'd)(2) Limitations (Cont'd)

(b) Specific to traffic sent to a TIPToP Customer over the TIPToP port interface, TIPToP Service is not available where the Telephone Company is required to pay reciprocal compensation, access charges, meet point billing charges, transit charges, or any other fees.

(3) Emergency 911 Service

Emergency 911 Service is not available with TIPToP Service purchased under this tariff.

(4) SPNP Service Charge

When the TIPToP Customer purchases a TIPToP One-Way Port Interface the Telephone Company will provide Service Provider Number Portability (SPNP) Query Service under the rates and terms as set forth in Section 19.

(M)

(M)

(C) Customer Obligations

- (1) The TIPToP Customer must obtain a unique Operating Company Number (OCN) for use in states where TIPToP service is requested. TIPToP Customers cannot use an OCN for TIPToP services if this same OCN is being used in conjunction with another service.
- (2) The TIPToP Customer must provide a minimum of one unique Local Routing Number (LRN) per LATA in which TIPToP service is requested. TIPToP Customers cannot use an LRN for TIPToP services if the number is being used in conjunction with another service.
- (3) TIPToP Customer must obtain their own phone numbers from industry sources that follow the North American Numbering Plan for use with TIPToP service.

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.1 Service Description (Cont'd)(C) Customer Obligations (Cont'd)

- (4) The TIPToP Customer must have at least one IP-VIS Dedicated Location in each LATA in which they use TIPToP service.
- (5) The TIPToP Customer must route the 8XX and 1+ PIC'd calls to a tandem associated with the CPN of the originating number as designated by the LERG.
- (6) The TIPToP Customer must send the appropriate routing and call information to the Telephone Company as is described in Technical Publications GR-317-CORE and GR-394-CORE.
- (7) The TIPToP Customer must provide SS7 Point Codes for each connected IP gateway.
- (8) TIPToP Customers must use SS7 signaling to each Access Tandem in the LATA in which TIPToP service is desired. The TIPToP Customer must also adhere to the requirements and limitations that Telephone Company sets forth regarding SS7 signaling and call setup as defined in Section 6. The TIPToP Customer is responsible for all the misrouting or blocking of any and all traffic that results from messages, which do not comply with Section 6, sent over SS7 by the TIPToP Customer.
- (9) The TIPToP Customer must remove all Non IP-VIS traffic within 60 days of any notice, including but not limited to the TIPToP Customer's bill, from the Telephone Company.
- (10) The TIPToP Customer or TIPToP Customer's agent must set the Collect and Third Party Billing Acceptance indicator to deny collect, third party or any other Alternate Billed Services. In the event the TIPToP Customer's user is associated with an Alternately Bill Call, the TIPToP Customer is charged the Non IP-VIS off-net rate.
- (11) While Alternately Billed Services (ABS) calls are not provided by TIPToP should ABS calls occur and be processed by the Telephone Company Network for IP-VIS end users of the TIPToP Customer, or for the TIPToP Customer, the TIPToP Customer will pay all ABS charges from the Telephone Company for these services and will make appropriate changes within 60 days of the bill to prevent future ABS calls by the TIPToP Customer's IP-VIS User from being processed.

(M)

(M)

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations(A) Rate Elements

The following provides a list of the various rate elements for TIPToP service.

One-way Port Interface
Two-way Port Interface
TIPToP IP-VIS USAGE
TIPToP Non IP-VIS USAGE
Non-recurring Charge
Service Establishment Fee
Service Management Charge

(D)

- (1) ONE-WAY PORT INTERFACE - TIPToP one-way port interfaces provide a one-way trunk group to permit originating IP-VIS traffic(excluding 8XX and 1+ PIC'd) from TIPToP Customer's IP-VIS Users to Telephone Company and Off Net End Users subtending the Access Tandem in which the port interface is installed. The monthly recurring charge and non-recurring charge for the TIPToP one-way port interface rate elements includes the following service components necessary to terminate IP-VIS traffic originated from IP-VIS users on the TIPToP Customer's Network in a specific LATA to the Telephone Company's Access Tandem(s) or End Office(s) in that same LATA (where the port interface is installed):

(T)

(T)

- (a) Transport
(b) Trunks
(c) Trunk ports
(d) Choke trunks
(e) The following associated signaling components, as described in Section 6:

(N)

- (i) SS7 Signaling Connection
(ii) SS7 Link
(iii) Signal Transfer Point (STP)
(iv) SS7 Port
(v) SS7 Signaling Call Set Up Messages (ISUP Signaling) on TIPToP Port Interfaces.

(N)

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)

(1) ONE-WAY PORT INTERFACE (Cont'd)

- (f) One-way port interfaces are billed a monthly recurring rate and provided on a distance sensitive basis in one of four mileage bands. The mileage bands for One-way Port Interfaces are as follows:

Mileage band 1 0 to 25 miles
Mileage band 2 26 to 50 miles
Mileage band 3 51 to 100 miles
Mileage band 4 101 or more miles

- (g) Mileage is measured from the TIPToP Customer's IP-VIS Dedicated Location to the Access Tandem or End Office in which service is being ordered.

(M)

(M)

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24. True IP To PSTN (TIPToP) Service (Cont'd)

24.2 Rate Regulations (Cont'd)

(A) Rate Elements (Cont'd)

(2) TWO-WAY PORT INTERFACE - TIPToP two-way port interfaces provide a two-way trunk group(s) to permit all traffic from Telephone Company and other PSTN traffic to IP-VIS Users. The monthly recurring charge and non-recurring charge for the TIPToP two-way port interface rate elements includes the following service components necessary for the IP-VIS Users of the TIPToP Customer to receive calls in a specific LATA that originate from or pass through the Telephone Company's Access Tandem(s), or End Office(s) in that same LATA (where the port interface is installed):

(T)

(T)

- (a) Transport
- (b) Trunks
- (c) Trunk ports
- (d) The following associated signaling components, as described in Section 6:

(N)

- (i) SS7 Signaling Connection
- (ii) SS7 Link
- (iii) Signal Transfer Point (STP)
- (iv) SS7 Port
- (v) SS7 Signaling Call Set Up Messages (ISUP Signaling) on TIPToP Port Interfaces.

(N)

- (e) Two-way port interfaces are billed a monthly recurring rate and provided on a distance sensitive basis in one of four mileage bands. The mileage bands for Two-way Port Interfaces are as follows:

(T)

Mileage band 1	0 to 25 miles
Mileage band 2	26 to 50 miles
Mileage band 3	51 to 100 miles
Mileage band 4	101 or more miles

- (f) Mileage is measured from the TIPToP Customer's IP-VIS Dedicated Location to the Access Tandem or End Office in which service is being ordered.

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)

24.2 Rate Regulations (Cont'd)

(A) Rate Elements (Cont'd)

(3) TIPToP IP-VIS USAGE - A Minute of Use (MOU) charge is applied to IP-VIS traffic using TIPToP Port Interfaces and originating from IP-VIS Users terminating traffic to Telephone Company or Off Net End Users.

(a) IP-VIS On Net Usage - is a MOU charge for IP-VIS On Net Traffic.

(b) IP-VIS Off Net Usage - is a MOU charge for IP-VIS Off Net Traffic.

(M)

(M)

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)

- (4) TIPToP Non IP-VIS USAGE - A Minute of Use (MOU) charge is applied to Non IP-VIS traffic using TIPToP Port Interfaces between IP-VIS User and Telephone Company or Off Net End Users.
 - (a) Non IP-VIS On Net Usage - is a MOU charge for Non IP-VIS On Net Traffic.
 - (b) Non IP-VIS Off Net Usage
 - (1) On the One-way Port Interface: A MOU charge for Non IP-VIS Off Net Traffic.
 - (2) On the Two-way Port Interface: A MOU charge for traffic that is not 8XX or 1+ PIC'd traffic originating from the TIPToP Customer and terminating to Telephone Company End Users, or non-Telephone Company End Users using the TIPToP Access Tandem.
- (5) Non-recurring Charges - one-time charges apply for the installation of one-way or two-way TDM port interfaces as defined in Section 24.2 of this tariff.
- (6) Service Establishment Fee - A one time Service Establishment Fee is assessed each time the TIPToP Customer establishes the first TIPToP service connection within a specific LATA. (T)
- (7) Service Management Charge - Every TIPToP Customer is charged a recurring charge per month per LATA in which service is activated. (T)

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP)(1) General Description

The TIPToP Term Volume Discount Plan (TVDP) provides the TIPToP Customer with optional term and volume discounts (as shown in Section 24.2(B)(8), below), off the existing monthly recurring and non-recurring rates for Month to Month service in effect during the term of the TVDP (as referenced in Section 24.3, following) for TIPToP One-Way and Two-Way Port Interfaces.

The Month to Month rates and the terms and conditions for Port Interfaces in this tariff may be modified through the filing of tariff changes at any time during the Term Period. If Month to Month rates change during the Term Period, the discounts associated with the Customer's TIPToP Term and Volume Plan will be applied against the new Month to Month rates in effect after the change.

However, such tariff modifications will not change the commitment level and discount levels in the Customer's TDVP during the Term Period.

(2) Terms and Conditions

The TIPToP TVDP requires the TIPToP Customer to commit to either a 1, 2 or 3-year Term Period (Term Period). The first year of the Term Period commences on the start date. The start date is defined as the date on which the Telephone Company receives an order from the Customer, as described in Section 5. Each subsequent year of a multi-year TVDP begins on the annual anniversary date of the start date of the TVDP. Each year within the Term Period will be referred to as a Term Year. For example, a 3-year Term Period will have a First Term Year, a Second Term Year and a Third Term Year.

TIPToP TVDP discounts will only apply to billed charges that are paid by the Customer, excluding charges in dispute. If the Customer fails to pay charges for TIPToP service, TIPToP Term and Volume discounts are forfeited on those unpaid charges.

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP) (Cont'd)(2) Terms and Conditions (Cont'd)

The TIPToP TVDP also requires the TIPToP Customer to choose a monthly Port Interface Commitment Level (volume commitment or Port Interface Commitment). The TIPToP Customer's fulfillment of the volume commitment is measured using an annual calculation for each Term Year. In cases when the TIPToP Customer does not meet the Port Interface Commitment for any Term Year during the Term Period, the TIPToP Customer will be billed Shortfall Liability Charges according to Section 24.2(B)(3), following.

(3) Shortfall Liability Charges

- (a) A calculation is performed annually at each anniversary date during the Term Period and at the end of the Term Period to determine if the Customer is liable for Shortfall Liability Charges.
- (b) For purposes of the Shortfall Liability calculation, the term "In Service" is defined as an installed, working service, billed by the Telephone Company, and paid for by the Customer for the entire month being measured. The number of Port Interfaces In Service is determined for each month of the Term Year being measured. For purposes of Shortfall calculations, the total number of In Service Port Interfaces at the end of each month will be added together to determine the "In Service Total" for the year. Port Interfaces in service for only a part of a month are not counted towards the In Service Total.

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP) (Cont'd)(3) Shortfall Liability Charges (Cont'd)

(c) If the In Service Monthly Average is below the Customer's annual Port Interface Commitment level for a specific Term Year, then Shortfall Liability Charges are due. If the In Service Total is equal to or greater than the Customer's annual Port Interface Commitment level in a specific Term Year, then no Shortfall Liability Charges are due.

(d) Example: A Customer has 200 Port Interfaces In Service for 5 months and 300 Port Interfaces In Service for 7 months. 5 months times 200 Port Interfaces, plus 7 months times 300 Port Interfaces equals 3,100 Port Interfaces. Therefore, the Customer had 3,100 Port Interfaces In Service Total for the year. In this example, if this Customer committed to a 241 Port Interface Commitment level, they would have no Shortfall Liability. The In Service Total of 3,100 Port Interfaces is greater than the annual Port Interface Commitment of 2,892 (241 Port Interfaces per month x 12 months).

In this same example, if the Customer had committed to a 1,201 monthly Port Interface Commitment level, then Shortfall Liability Charges would be due. The In Service Total of 3,100 is less than the annual Port Interface Commitment of 14,412 (1,201 Port Interfaces per month x 12 months).

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP) (Cont'd)(3) Shortfall Liability Charges (Cont'd)

- (e) When the calculation in the preceding Section is performed and it is determined that a Customer is liable for Shortfall Liability Charges, another calculation will be performed to determine the amount of the Shortfall Liability Charges due. This calculation will use the In Service Totals for the Term Year from the calculation performed according to Section 24.2(B)(3)(b), preceding. An Average Monthly Rate Charged per Port Interface for the Term Year will need to be calculated due to the different Mileage Bands a Port Interface may have, as shown in Section 24.3(A). The Average Monthly Rate Charged per Port Interface will be calculated by dividing the total amount billed for Port Interfaces (without considering the effect of any credits) for the total year by the In Service Total for the Term Year. When the Customer's TIPToP TVDP is terminated, Termination Charges will be calculated pursuant to Section 24.2(B)(5), following. If Pro-Rated Shortfall Liability Charges are due, then Pro-Rated Shortfall Liability Charges will be calculated pursuant to Section 24.2(B)(4)(a), following.
- (f) Using the Average Monthly Rate Charged per Port Interface for the Term Year, the following methodology will be used to calculate the Shortfall Liability Charges due:

Customer's Port Interface Commitment (Monthly)	X	12 Months	-	Customer's In Service Total for the Year	X	Average Monthly Rate Charged pr Port Interface for the Term Year	=	Shortfall Liability

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP) (Cont'd)(3) Shortfall Liability Charges (Cont'd)

- (g) In cases when this calculation produces a negative number no Shortfall Liability is due, nor is any credit due to the Customer.
- (h) Bills for Shortfall Liability Charges are rendered following the anniversary date of the TVDP. For situations involving a Pro-Rated Shortfall Liability, as described below, the charges will be billed within 90 days of the termination date of the Customer's TVDP.

Shortfall Liability Calculation Example:

The TIPToP Customer has finished the second year of a 3-year Term Period with a commitment level of 241 Port Interfaces per month. The TIPToP Customer had 200 ports in service for 6 months, and 250 ports in service for 6 months over the previous 12 months. The amount billed to and paid by the TIPToP Customer during the Term Year for the 2,700 Port Interfaces was \$54,000.

- Step 1. Determine the In Service Total of Port Interfaces for the Term Year. $(200 \times 6) + (250 \times 6) = 2,700$ Port Interfaces In Service Total for the Term Year.
- Step 2. Determine the annual Port Interface Commitment level for the Term Year. 214 Port Interfaces per month $\times 12$ months = 2,892 Port Interfaces for the Term Year. Since 2,700 In Service Total is less than the Customer's annual commitment of 2,892 Port Interfaces,, Shortfall Liability Charges must be calculated.
- Step 3. Determine the Average Monthly Rate charged per Port Interface for the Term Year by dividing the amount billed for the Term Year by the In Service Total for the Term Year. \$54,000 divided by 2700 In Service Total for the Term Year = an Average Monthly Rate Charged per Port Interface for the Term Year of \$20.00.

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP) (Cont'd)(3) Shortfall Liability Charges (Cont'd)

Shortfall Liability Calculation Example: (Cont'd)

Step 4. Determine the Shortfall Liability by subtracting the annual Port Interface Commitment Level, as calculated in Step 2, from the Customer's In Service Total, as calculated in Step 1 ($2,892 - 2,700 = 192$). The TIPToP Customer would have a Shortfall Liability for 192 Port Interfaces for the Term Year.

Step 5. Determine a revenue amount associated with the Shortfall Liability by multiplying the number of Port Interfaces by which the Customer fell short of the annual Port Interface Commitment Level, as calculated in Step 4, by the Average Monthly Rate Charged per Port Interface for the Term Year, as calculated in Step 3 ($192 \text{ Port Interface shortfall} \times \$20.00 \text{ Average Monthly Rate charged} = \$3,840$).

(4) Pro-Rated Shortfall Liability Charges

- (a) When the Customer's TVDP is terminated prior to the end of the Term Period and between anniversary dates of the TVDP, a Pro-Rated Shortfall Liability calculation will be performed for the number of months from the last anniversary date of the Customer's Term Period to the termination date of the TVDP.

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP) (Cont'd)(4) Pro-Rated Shortfall Liability Charges (Cont'd)

- (b) For purposes of the Pro-Rated Shortfall Liability calculation, the term "In Service" is defined as an installed, working service, billed by the Telephone Company and paid for by the Customer, for the entire month being measured. The number of Port Interfaces In Service is determined for each full month of the partial Term Year in which the Customer had service ("In Service Total"). The number of months used in this pro-rated calculation is the number of full months measured from the last anniversary date of the Customer's Term Period to the last full month of service prior to the termination date of the Customer's TIPToP TVDP (the "Pro-Rated Period"). Port Interfaces in service for only part of a month are not counted towards the In Service Total. The In Service Totals for each full month of the Pro-Rated Period are added together.
- (c) A Pro-Rated annual Port Interface Commitment will be calculated to determine whether Shortfall Liability Charges are due. This Pro-Rated annual Port Interface Commitment Level will be determined by multiplying the Customer's monthly Port Interface Commitment Level by the Pro-Rated Period, as determined in Section 24.2(B)(4)(b), preceding. If the Pro-Rated In Service total is below the Customer's Pro-Rated annual Port Interface Commitment Level for the Term Year in which the Pro-Rated Period falls, then Pro-Rated Shortfall Liability Charges are due. If the Pro-Rated In Service Total is at, or above, the Customer's Pro-Rated annual Port Interface Commitment Level in the Term Year in which the Pro-Rated Period falls, then no Pro-Rated Shortfall Liability Charges are due.

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP) (Cont'd)(4) Pro-Rated Shortfall Liability Charges (Cont'd)

- (d) When the calculation in the preceding Section is performed and it is determined that a Customer is liable for Pro-Rated Shortfall Liability Charges, another calculation is performed to determine the amount of the Pro-Rated Shortfall Liability Charges due. This calculation will use the In Service Totals of the Pro-Rated Period. An Average Monthly Rate charged per Port Interface for the Pro-Rated Period will need to be calculated due to the different Mileage Bands a Port Interface may have, as shown in Section 24.3(A). The Average Monthly Rate for the Pro-Rated Period will be calculated by dividing the amount billed for Port Interfaces (without considering the effect of any credits) for the full months the Customer had service during the Pro-Rated Period, by the In Service Total for the Pro-Rated Period.
- (e) Using the Average Monthly Rate charged per Port Interface for the Pro-Rated Period, the following methodology will be used to calculate the Pro-Rated Shortfall Liability Charges due:

Customer's Monthly Port Commitment for the Term Year in which the Pro- Rated Period Falls	X	Number of Full Months the Customer had Service During the Pro-Rated Period	-	In Service Total of Port Interfaces for the Pro-Rated Period	X	Average Monthly Rate Charged per Port Interface for the Pro-Rated Period	=	Pro-Rated Shortfall Liability

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP) (Cont'd)(4) Pro-Rated Shortfall Liability Charges (Cont'd)

- (f) In cases when this calculation produces a negative number, no Pro-Rated Shortfall Liability is due, nor is any credit due to the Customer.

(5) Termination Liability

- (a) Customers may terminate a TIPToP TVDP by giving 30 days written notice to the Telephone Company of the Customer's intention to terminate the TVDP prior to the expiration of the Term Period.
- (b) The Telephone Company may terminate a TIPToP TVDP when the Customer has any period of three consecutive months when the TIPToP Customer has an In Service Total of Port Interfaces less than 50% of the monthly Port Interface Commitment Level.
- (c) The total number of Port Interfaces In Service is determined for each month of the Term Year, or partial Term Year, being measured. The total of all In Service Port Interfaces for a month will be referenced as the In Service Total. Port Interfaces in service for only a part of a month are not counted in the In Service Total.
- (d) When the TIPToP Customer terminates a TIPToP TVDP, or the Telephone Company terminates a TIPToP TVDP prior to completion of the Term Period of the TIPToP TVDP, Termination Liability Charges will be assessed and billed pursuant to this Section. For purposes of this calculation, the Customer's termination date is the earliest date of either the Customer's requested termination date or the last date on which the Customer had TIPToP Port Interfaces In Service.

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP) (Cont'd)(5) Termination Liability (Cont'd)

- (e) In some cases, it is possible for both Shortfall Liability Charges and Termination Liability Charges to be due at the same time. In those instances, the Shortfall Liability calculation is performed prior to a Termination Liability Charge calculation. When the Customer terminates service between anniversary dates of the TVDP Term Period, a Pro-Rated Shortfall Liability calculation is performed before the Termination Liability calculation is performed.
- (f) Termination Liability Charges are calculated using the Average Monthly Rate charged per Port Interface for the previous 12 months. The Average Monthly Rate charged per Port Interface is calculated by dividing the amount billed for Port Interfaces (without considering the effect of any credits) for the previous 12 months, by the In Service Total Port Interfaces for the previous 12 months (the In Service Total is calculated as detailed in Section 24.2(B)(5)(c), preceding).
- (g) In cases when the Customer terminates a TVDP within the first 12 months of the Term Period, the Monthly Rate charged per Port Interface will be calculated by dividing the amount billed for Port Interfaces, for the time from the first day of the Term Period to the last full month of service prior to the termination date, by the Port Interface In Service Total for the same period of full months.
- (h) Using the Average Monthly Rate charged per Port Interface (as described in Section 24.2(B)(5)(f), preceding), the following methodology will be used to calculate the Termination Liability Charges due:

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP) (Cont'd)(5) Termination Liability (Cont'd)

Avg. Monthly Rate Charged per Port Interface	X	Customer's Average Monthly Port Commitment	X	Remaining Months in Term Period	X	Termination Percentage of 75%	=	Termination Liability Charge
Example: The TIPToP Customer wishes to terminate a 36-month commitment with 241 ports after having service in place for 30 months. Over the previous 12 months, the TIPToP Customer had a quantity of Port Interfaces In Service of 200 for 9 months and 250 for the remaining 3 months. Step 1. Determine the In Service Total number of Port Interfaces for the previous 12-month period. 9 months times 200 Port Interfaces, plus 3 months times 250 Port Interfaces equals 2,550 In Service Total of Port Interfaces for the previous 12-month period. Step 2. Identify the annual amount billed for these Port Interfaces. If the TIPToP Customer was billed \$4,000 per month for the 200 ports, and \$5,000 per month for the 250 ports then the annual revenue for these ports is \$51,000 (\$4,000 x 9 months plus \$5,000 x 3 months = \$51,000). Step 3. Determine the Average Monthly Rate per Port Interface for the previous 12 months by dividing the revenue billed for the previous 12-month period by the In Service Total for the previous 12-month period (\$51,000/2,550 ports = \$20.00 per port for this example). Step 4. Identify the TIPToP Customer's monthly Port Interface Commitment Level. In this example, the monthly Port Interface Commitment Level is 241 ports. Step 5. Determine the remaining months in the Term Period. The TIPToP Customer in this example terminated a 36-month commitment at 30 months, leaving 6 months remaining in the term.								

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP) (Cont'd)(5) Termination Liability (Cont'd)

Step 6. Multiply the Average Monthly Rate charged per Port Interface for the previous 12 months by the Customer's monthly Commitment Level, by the remaining months in the Term Period by 75% to receive the total Termination Liability Charges. In this example, \$20 Average Monthly Rate per port x 241 Port Interface Commitment Level x 6 months remaining x 75% = \$21,690 Termination Liability.

(i) Exceptions to Termination Liability

TIPToP TVDP Customers may terminate TVDP service without incurring Termination Liability Charges when the TIPToP Customer converts an existing TIPToP TVDP commitment to a new TVDP commitment of either:

- (1) A longer term with the same volume commitment,
- (2) A larger volume commitment with the same Term Period as the existing Term Period, or
- (3) A larger volume commitment with longer term.

If TIPToP service or TIPToP TVDP is no longer available at the time at which a Customer attempts to convert an existing TIPToP TVDP to a new TVDP commitment, then conversion will not be permitted, and the Customer's TIPToP TVDP in existence at that time will not be provided with an exception to Termination Liability.

If the TIPToP Customer has not paid billed amounts due to the Telephone Company, conversion of an existing TIPToP TVDP to a new TVDP commitment will not be permitted, and an exception to the Termination Liability for an existing TVDP is not available. The Customer may resolve this failure to pay and qualify for a conversion of the TIPToP TVDP by paying past due TIPToP amounts, and remaining current for three full consecutive billing months.

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan TVDP (Cont'd)(6) TIPToP TVDP Renewals

If TIPToP TVDP is available at the time at which the Customer desires to renew a TIPToP TVDP, the TIPToP Customer may renew a TVDP, effective on the expiration date of the original TVDP Term Period, only under the prevailing rates and terms in effect at the time of the renewal.

A renewal of TIPToP TVDP will not be permitted if the TIPToP Customer has not paid billed amounts due the Telephone Company. The Customer may resolve this failure to pay and qualify for a renewal of the TIPToP TVDP by paying past due amounts, and remaining current for a period of three full consecutive billing months.

A renewal of a TVDP requires a new order no earlier than 6 months prior to the expiration of the current TVDP Term Period, and no later than 30 days prior to the expiration of the current TVDP Term Period.

TIPToP Customers are not permitted to extend an existing TIPToP TVDP beyond its original Term Period. TIPToP Customers desiring a TIPToP TVDP beyond the Term Period must enter into a Renewal.

(7) TIPToP TVDP Expiration

A TIPToP TVDP expires on the last day of the Term Period. If the TIPToP Customer continues to use TIPToP service, and the TIPToP Customer does not renew the TIPToP TVDP or enter into a new TIPToP TVDP, then the TIPToP Customer's TIPToP service will continue at the prevailing Month to Month terms, conditions and rates for TIPToP service.

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24. True IP To PSTN (TIPToP) Service (Cont'd)24.2 Rate Regulations (Cont'd)(B) TIPToP Term Volume Discount Plan (TVDP) (Cont'd)(8) Term and Volume Discount Plan Schedule

The applicable percentage in the table below shall be applied to the rates in Section 24.3 (A) and (B) to calculate the discount to which the TIPToP Customer is entitled. These discounts will apply, regardless of which Term Year the Customer is in within the TVDP, or the volume they are billing. See Terms and Conditions, Section 24.2(B)(2), preceding, for further details.

Monthly Port Interface Commitment	1 year TVDP	2 year TVDP	3 year TVDP
1,000 - 1,999	1%	2%	3%
2,000 - 2,999	2%	4%	6%
3,000 - 3,999	3%	6%	9%
4,000 - 4,999	4%	8%	12%
5,000 - 5,999	5%	10%	15%
6,000 - 6,999	6%	12%	18%
7,000 +	7%	14%	21%

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.3 Rates and Charges(A) TIPToP ONE-WAY Port Interface

<u>Mileage Band</u>	<u>USOC</u>	<u>Monthly Rate Per Port</u>	<u>NRC Per Port</u>
No. 1 (0-25 miles)	PT851	\$ 16.95(R)	\$ 79.00
No. 2 (26-50 miles)	PT852	\$ 25.95	\$ 79.00
No. 3 (51-100 miles)	PT853	\$ 29.95	\$ 79.00
No. 4 (100 or more miles)	PT854	\$ 53.95	\$ 79.00

(B) TIPToP TWO-WAY Port Interface

<u>Mileage Band</u>	<u>USOC</u>	<u>Monthly Rate Per Port</u>	<u>NRC Per Port</u>
No. 1 (0-25 miles)	PT871	\$ 16.95(R)	\$ 79.00
No. 2 (26-50 miles)	PT872	\$ 25.95	\$ 79.00
No. 3 (51-100 miles)	PT873	\$ 29.95	\$ 79.00
No. 4 (100 or more miles)	PT874	\$ 53.95	\$ 79.00

(C) TIPToP IP-VIS USAGE (MOU)

TIPToP Usage within the State:	IP-VIS On Net Usage Per MOU	IP-VIS Off Net Usage Per MOU
	\$0.0026	\$0.0250

(D) TIPToP NON IP-VIS (MOU)

TIPToP Usage within the State	Non IP-VIS On Net Usage Per MOU	Non IP-VIS Off Net Usage Per MOU
	\$0.0060	\$0.0850

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ACCESS SERVICE

24. True IP To PSTN (TIPToP) Service (Cont'd)24.3 Rates and Charges (Cont'd)

		Non-Recurring	(T)
(E) <u>Service Establishment Fee</u>	<u>USOC</u>	<u>Charge</u>	(T)
- Per initial establishment			(T)
connection per LATA	SEPNW	\$5,000.00	(T)
		Monthly	
(F) <u>Service Management Charge</u>	<u>USOC</u>	<u>Rate</u>	
- Per LATA	AFE1P	\$1,200.00	(T)

(This page filed under Transmittal No. 83)

ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®)(A) Basic Channel Description

DecaMAN® is a fiber based, point-to-point, 10 Gigabit Ethernet service that allows customers to transport data signals between local area networks (LANs). DecaMAN® transports data signals at the rate of 10 Gigabits per second (Gbps). All basic service configurations provide a single direction of transmission.

DecaMAN® is available with two different interfaces:

10 Gigabit Ethernet (LAN-PHY) - A version of Ethernet that allows data transmission rates of 10.3125 Gbps with a LAN-PHY only interface.

10 Gigabit Ethernet (WAN-PHY) - A version of Ethernet that allows data transmission rates of 9.953 Gbps with a WAN-PHY only interface.

Rates and charges for DecaMAN® Service are set forth in Section 25(N), following, with the exception of the services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. The rates and charges for the DecaMAN® Service in the MSAs that have received Phase II pricing flexibility are set forth in Section 22.

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The following regulations will apply to DecaMAN®:

- (1) The Telephone Company considers a service interrupted when it becomes unusable to the customer because of a failure of a facility component used to furnish service under this tariff when the protective controls applied by the Telephone Company result in the complete loss of service by the customer. An interruption period starts when a customer reports an inoperative service to the Telephone Company and the Telephone Company confirms that continuity has been lost, and ends when the service is operative.

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)(A) Basic Channel Description (Cont'd)(2) Service Provisioning

- (a) The customer provided equipment (CPE) must deliver the data signals for DecaMAN® transport for the subscribed data service.
- (b) DecaMAN® provides physical layer transport only. The Telephone Company assumes no responsibility for the through transmission of signals generated by the CPE, for the signals by the CPE, or address signaling to the extent the CPE performs addressing. Error detection and correction of data generated by the CPE is the customer's responsibility.
- (c) There are two provisioning options for DecaMAN®:
 - 10 Gigabit Ethernet LAN-PHY, which provides data transmission rates of 10 Gigabits per second with a LAN-PHY interface.
 - 10 Gigabit Ethernet WAN-PHY, which provides data transmission rates of 10 Gigabits per second with a WAN-PHY interface.

(B) Rate Regulations

This section contains the specific regulations governing the rates and charges which may apply to the DecaMAN® Service. The rates and charges in effect at the time the DecaMAN® Service is installed and accepted by the customer are the rates and charges which will be billed to the customer requesting the service. The rates and charges in effect at the time may not be the same as those rates and charges in effect at the time the customer requests the service.

If the Telephone Company initiates rate changes resulting in a decrease of rates for an existing service with a 1, 2, 3, or 5 year term period, those rate changes will be passed along to the customer. Rate changes resulting in an increase of rates for an existing service with a 1, 2, 3, or 5 year term period will not exceed the original rate for that selected term period.

There are 7 basic rate elements, which apply to DecaMAN® service:

(T)

(1) Local Distribution Channel (LDC)

Local Distribution Channel (Same as Channel Termination) is the termination of DecaMAN® at a customer designated premise (node), as described in Section 7.2.1(A), consisting of the following two elements:

- (a) the termination for the fiber optic facilities at each node and its serving wire center.
- (b) the fiber optic facility between each node and its serving wire center.

(2) Interoffice Mileage

Interoffice Transport facilities, which provide the transmission path between Serving Wire Centers associated with two customer designated premises, are comprised of Fixed and Per Mile rate elements.

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)(B) Rate Regulations (Cont'd)(3) Repeater

Repeaters (Circuit Regenerators) provide essential detection and retransmission of DecaMAN® signals. Repeaters are provided as required by the Telephone Company when actual fiber facility loss between customer designated premises and/or central office locations exceed design limits. Repeaters will be located exclusively in Telephone Company central offices and are required for each successive transport segment of approximately 21.4 db.

When protection options are ordered, as set forth in Section 25(K), additional repeaters may be necessary on the protected path as determined by the Telephone Company. The Repeater rate element will be applied to a protected circuit per fiber pair.

(4) Collocation Transport

Collocation Transport provides for the transmission facilities arrangement between a Telephone Company Central Office frame and a collocation frame located in the Telephone Company Central Office.

There are two components of Collocation Transport.

(a) Inter/Intra Office Fixed

The Inter/Intra office fixed rate element provides for the electronic equipment required to terminate a channel between two collocation arrangements located either in the same central office (intra) or in two separate central offices (inter).

(b) Inter Office Per Mile

The per mile charge provides for the electronic equipment and facilities necessary to provide the interoffice transport between collocation arrangements.

The following types of Collocation Transport are:

LAN PHY
WAN PHY

In addition to one Collocation Transport charge, two EISCC charges of the same speed from Section 18.8.2 will apply, per collocation arrangement.

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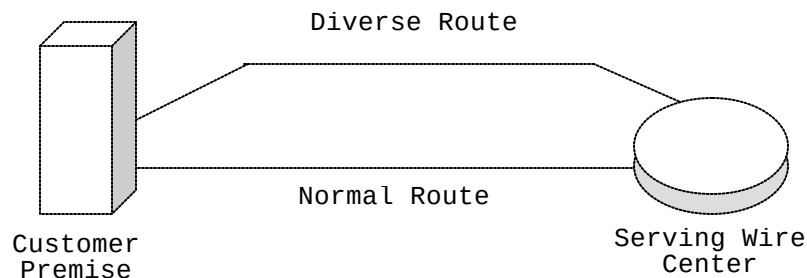
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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)(B) Rate Regulations (Cont'd)(5) Local Channel Diversity

(T)

Local Channel Diversity provides for a transmission path between a designated customer premises and the standard service wire center (SWC) that is diverse from the normal/standard transmission path. Local Channel Diversity requires two DecaMAN® services purchased by the same customer of record. With this arrangement, one or more local distribution channels will be provisioned over the standard route, and one or more local distribution channels will be provisioned over the diverse route. Local Channel Diversity does not provide for all diversity, it only allows for diversity from the splice point closest to the customer's property line to the SWC. If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premises, at the customer's expense.

(6) Inter-Wire Center (IWC) Diversity

(T)

Inter-Wire Center (IWC) Diversity arrangements presume that each end of a DecaMAN® local distribution channel is serviced out of a different serving wire center (SWC). Inter-Wire Center Diversity requires two DecaMAN® services purchased by the same customer of record.

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25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

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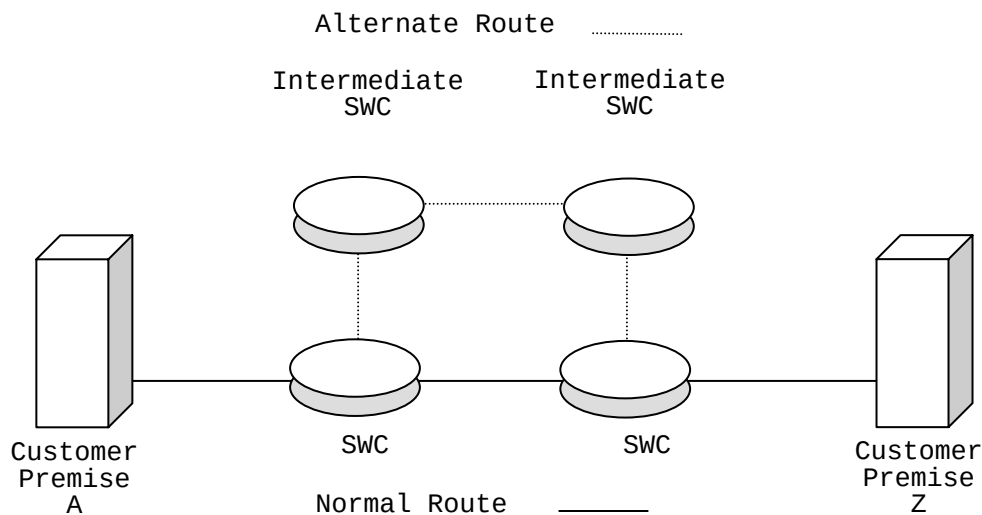
(B) Rate Regulations (Cont'd)

(6) Inter-Wire Center (IWC) Diversity (Cont'd)

This arrangement provides a transmission path for DecaMAN® local distribution channels between the customer's designated SWC and the SWC at the distant end of the circuit over a transmission path that is separate from the standard transmission path between the two wire centers. IWC diversity does not provide for full diversity. It only offers interoffice diversity. If a customer desires full diversity, Alternate Wire Center Diversity must be implemented along with IWC Diversity. Additionally, arrangements must be made for constructing dual entrance facilities at the customer's premises, at the customer's expense.

(a) Inter-Wire Center Diversity (IWC) Mileage Measurement

Mileage measurements for Access Services, provisioned via an Inter-Wire Center Diversity, will be based on the diverse routing; i.e. mileage measurements will be calculated between the Intermediate Serving Wire Centers along the circuit path of the diversely routed DecaMAN® service.



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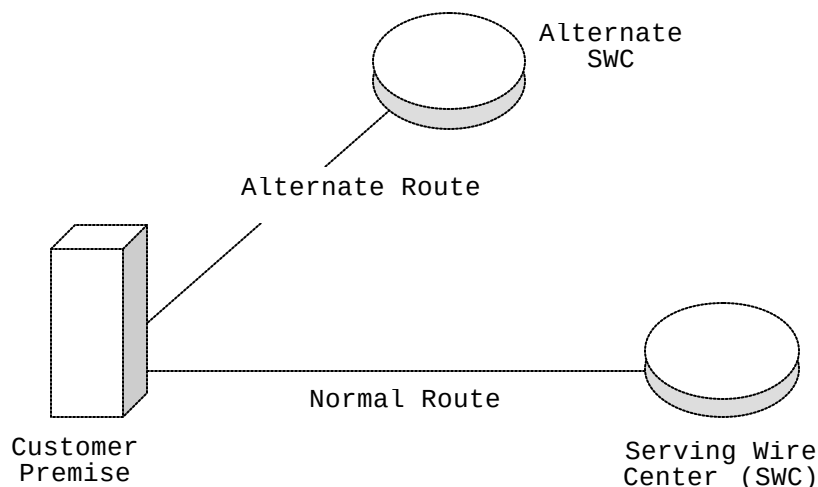
25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)(B) Rate Regulations (Cont'd)

(7) Alternate Wire Center Diversity

(T)

Alternate Wire Center Diversity is for the local loop only. It provides a local channel transmission path for DecaMAN® service between the customer's designated premises and a wire center that is not the normal (or standard) service wire center. The Telephone Company will choose the alternate wire center closest to the customer's designated premises that is capable of providing DecaMAN® service over the alternate route. If a customer desires full diversity, arrangements must be made for constructing dual entrance facilities into the customer's premises, at the customer's expense.

If the circuit routed to the alternative wire center has Interoffice Mileage, measurements will be based on the alternate routing; i.e. mileage measurements will be made to the alternate wire center rather than the serving wire center from which the customer designed premises would normally obtain dial tone.



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25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

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(C) Non-recurring Charges

Non-recurring charges are one-time charges that apply for specific work activity related to the provisioning of DecaMAN® Service, as described in Section 7.2.2(C).

(D) Recurring Charges

Recurring Charges are rates that apply each month or fraction thereof that the service is provided. Recurring rates apply to 12-, 24-, 36-, or 60-month term periods under the terms and conditions of a Term Pricing Plan (TPP), discussed in (F) following.

(E) Monthly Extension Rates

Upon completion of a TPP, customer's service will automatically convert to the Monthly Extension Rates unless the customer requests a new TPP.

(F) Term Pricing Plan (TPP)

DecaMAN® is available for 12-, 24-, 36-, or 60-month term periods. If the Telephone Company initiates rate changes resulting in a decrease of rates for an existing service with a TPP, those rate changes will be passed along to the customer. Rate changes resulting in an increase of rates for an existing service with a TPP will not exceed the original rate for that selected TPP.

(1) Renewals

At the end of a TPP period, the customer must select one of the following options within one month prior to the expiration date:

- (a) Renew the service for a one, two, three, or five year TPP as provided in this tariff;
- (b) Elect to disconnect the service upon expiration of the billing period; or
- (c) Continue the service on a monthly basis at the current Monthly Extension Rates.

All services under an existing TPP that are not renewed within the period stated above will revert to Option (1)(c) above and will be billed at the current Monthly Extension Rates.

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25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

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(F) Term Pricing Plan (TPP) (cont'd)(2) Conversions

During the customer's TPP, term conversions may be made to a new TPP term of the same or greater length. The expiration date of the new service must be beyond the expiration date of the original TPP term. With the new TPP, the customer incurs no termination liability for the remaining months on the original TPP.

An Administrative Charge is applicable when customers renew or change the length of the TPP term.

(3) Termination Liability

Customers requesting termination of service prior to the expiration date of the TPP term will be liable for a termination charge, which is calculated as follows:

Term Period	Termination Percentage
1 Year	85%
2 Year	85%
3 Year	75%
5 Year	60%

(Monthly Recurring Rate) X (Months Remaining in Billing)
X (Termination Percentage) = Termination Liability Charge

Example: A DecaMAN® customer with a \$6,000.00 monthly rate terminates service after 2 years with 1 year (12 months) remaining in a 3 year TPP. The termination liability would be calculated as follows:

\$6,000 X 12 X .75 = \$54,000.00 Termination Charge

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25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

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(G) Moves

Moves involve a change in the physical location of one of the following:

- (1) Service rearrangement;
- (2) Point of Termination at the customer's premises; or
- (3) Customer's premises.

Move charges are dependent upon the type of move requested by the customer.

(1) Service Rearrangement

Service rearrangements are changes to existing (installed) services, which do not result in a change in the minimum period requirements, as set forth in Section 7.2.2(C)(3).

(2) Moves Within the Same Building

When the move is to a new location within the same building, the Administration charge and Customer Connection charge for the service termination affected will apply. There will be no change in the minimum period requirements, as described in Section 7.2.3(A).

(3) Moves to a Different Building

Moves to a different building will be treated as a discontinuance of service; therefore, all nonrecurring charges associated with new service, and new minimum period requirements, as described in Section 7.2.3(B), will apply.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

(N)

(G) Moves (Cont'd)(4) DecaMAN® customers subscribing to three (3) and five (5) year Term Pricing Plans may move one end of the DecaMAN® service per the following regulations:

(a) A customer may move one end of the DecaMAN® service to a different premises in the same LATA, without incurring early termination liability charges for their existing DecaMAN® service, providing the following criteria are met, and are contingent upon the availability of fiber from premises to premises.

- (1) Customers must have completed at least 15 months (for 3 year TPP), and 18 months (for 5 year TPP) of their existing DecaMAN® TPP,
- (2) The customer subscribes to a new Term Pricing Plan period that is greater than the remaining months in the existing Term Pricing Plan,
- (3) The billing period revenue for the new service is equal to or greater than the billing period revenue remaining in the service being converted.
- (4) Spare facilities and equipment must be available or special construction charges, as set forth in Pacific Bell Tariff F.C.C. No. 2, shall apply.

The moved service will require a disconnect of the existing DecaMAN® service and placement of an order for the new DecaMAN® service for same customer of record as disconnected service.

The monthly rates for the new services shall be those rates in effect at the time the new service is being installed and requires a disconnect of the existing DecaMAN® service and placement of an order for new DecaMAN® service.

Nonrecurring charges will apply where applicable.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd) (N)(G) Moves (Cont'd)

(4) (Cont'd)

- (b) If the DecaMAN® service was installed with protection options and the customers subsequently requests a move of the channel termination within the same building after installation, a change may be required to the customer premises based Telephone equipment, which will be determined by the Telephone Company. Nonrecurring charges as set forth in Section 25(M), preceding are applicable (one-half the nonrecurring charge per channel termination). With this upgrade the customer will experience an out of service condition.

(H) Mileage Measurement

(1) Standard Two-Fiber Circuit

The mileage is calculated on the airline distance between the locations involved, i.e. the serving wire centers associated with two customer designated premises and an international boundary point, a serving wire center associated with a customer designated premise and a Telephone Company Hub, a serving wire center associated with a customer designated premise and a WATS Serving Office as described in Section 7.2.5.

(2) Diversely Routed Circuit

Described in Section 25(B)(6)(a).

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

(N)

(H) Mileage Measurement (Cont'd)

(3) Protected Four-Fiber Circuit

For protected DecaMAN® service, mileage charges are applicable on both paths of the protected service. Both Fixed Mileage and Variable Mileage rates will be applied to each fiber path. Mileage measurements for the primary path will be calculated similar to a standard circuit (described in Section 25(H)(1)). Mileage measurements for the secondary path will be based on the additional routing (i.e., mileage measurements will be calculated between the intermediate Wire Centers along the circuit path of the diversity routed DecaMAN® service).

(I) Modification of Access Service

The customer may request a modification of its Access Order at anytime prior to notification by the Telephone company that service is available for the customer's use. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours.

If the modification cannot be made with the work force during normal business hours, the Telephone Company will notify the customer. If the customer still desires the Access Order Modification, the Telephone Company will schedule a new service date. All charges for Access Order modifications will apply on a per occurrence basis as described in Section 5.2.2.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

(N)

(J) Optional Features(1) Protection Options

Protection options are provisioned on the customer's DecaMAN® service, and the customer is not required to purchase a second DecaMAN® circuit for protection options. Protection options are applied on a per DecaMAN® circuit basis only.

Protection options are available where facilities and/or operating conditions permit. Where facilities and/or operating conditions do not permit, Special Construction charges, as set forth in Pacific Bell Tariff F.C.C. No. 2, may apply. Protection options provide additional levels of reliability to DecaMAN® service. There are multiple protection options offered. The options do not need to be the same, but both Channel Terminations of the DecaMAN® service must include some form of protection for the service to be considered protected.

The Telephone Company will design the protection option based upon the configuration of the customer's DecaMAN® service.

Additional repeaters may be necessary on the protected path as determined by the Telephone Company and set forth in Section 25(B)(3) following.

If the DecaMAN® service was installed without protection and customer subsequently request protection options after the DecaMAN® order has been completed, and customer premises locations remain the same, a change to the customer premises based Telephone equipment is required. This change will be treated as an upgrade to the DecaMAN® service, and Installation, Rearrangement and Protection nonrecurring charges are applicable. This change will require a disconnect of the existing DecaMAN® service and placement of an order for the new DecaMAN® service for the same customer of record. With this upgrade the customer will experience a temporary out of service condition.

Protection switching in less than 50 milliseconds will occur on DecaMAN® services with protection options, with the exception of Power Protection, which is not Switch protected. Protection options are offered with a Service Level Agreement (SLA) that targets a service availability of 99.99%. SLA are not applicable in the event of a cable cut in any unprotected portion of the DecaMAN® service fiber path or when customer requested modifications to the service require down time.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

(N)

(J) Optional Features (Cont'd)(1) Protection Options (Cont'd)

DecaMAN® Protection Options are offered as follows:

(a) Equipment Only Protection – per Termination Point

(b) Equipment Plus Fiber Path Protection

(1) Equipment Plus Alternate Wire Center Path
Protection – per Terminating Point

(2) Equipment Plus Channel Termination Path
Protection – per Terminating Point

(3) Inter Wire Center Path Protection – per
Interoffice Segment

(c) Power Protection

(2) Equipment Only Protection

Equipment Only Protection offers one DecaMAN® signal routed on two different fiber pairs that co-exist in the same cable and conduit structure that terminate into two distinct and separate network terminating equipment devices at the customer's premises.

All protected configurations have one working and one standby path. In the event of a failure of the customer's transmission path, the DecaMAN® equipment will switch the customer's transmission to a dedicated standby path within 50 milliseconds of detection. In the event of a failure to both fiber transmission paths, an out of service condition will result. This form of protection can only be ordered per channel termination for each protected DecaMAN® service, and may also apply to the Inter-Wire center segment if the DecaMAN® service is served by more than one serving wire center.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

(N)

(J) Optional Features (Cont'd)(2) Equipment Only Protection (Cont'd)

If a customer requests complete protection extending to the Telephone Company serving wire center from their premises location when utilizing Equipment Protection, they must request diverse entrance facilities into their premises at each end from the nearest Telephone Company splice point closest to the customer premises location. This work is subject to special construction charges as set forth in Pacific Bell Tariff F.C.C. No. 2.

(3) Equipment Plus Fiber Path Protection

Equipment Plus Fiber Path Protection offers varying degrees of path protection for each channel termination of the DecaMAN® service, plus the inter-wire segment if the service is served by more than one serving wire center, and is offered as follows:

(a) Equipment Plus Alternate Wire Center Path Protection

Equipment Plus Alternate Wire Center Path Protection offers one DecaMAN® signal routed over one fiber pair of the protected DecaMAN® service from the customer's premises to the customer's normal serving wire center, and a duplicate DecaMAN® signal routed over a diversely routed fiber pair to the Alternate Wire center selected by the Telephone Company.

If any location between the two fiber paths is closer than ten feet, the location will be disclosed to the customer. The customer will determine whether to accept the engineered path or agree to pay special construction charges, as set forth in Pacific Bell Tariff F.C.C. No. 2, to provide a completely diverse route.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

(N)

(J) Optional Features (Cont'd)(3) Equipment Plus Fiber Path Protection (Cont'd)(a) Equipment Plus Alternate Wire Center Path Protection
(Cont'd)

Where facilities are not available, the customer may select Equipment Only Protection for an inter-office segment. This option can be selected for one or both channel terminations of the DecaMAN® service.

All protected configurations have one working and one standby path. In the event of a failure of the customer's transmission path, the DecaMAN® service will switch to a dedicated standby path within 50 milliseconds of detection. In the event of failure to both fiber transmission paths, an out of service condition will result. This form of protection can only be ordered per channel termination for each protected DecaMAN® service.

If a customer requests complete protection extending to the Telephone Company serving wire center from their premises location when utilizing Equipment Protection Plus Alternate Wire Center Path Protection, they must request diverse entrance facilities into their premises at each end, from the nearest Telephone Company splice point closest to the customer premise location. This work is subject to special construction charges as set forth in Pacific Bell Tariff F.C.C. No. 2.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

(N)

(J) Optional Features (Cont'd)(3) Equipment Plus Fiber Path Protection (Cont'd)

(b) Equipment Plus Channel Termination Path Protection

Equipment Plus Channel Termination Path Protection offers a duplicate DecaMAN® signal routed over two diversely routed fiber paths to the customer's normal serving wire center.

If any location(s) between two fiber paths is closer than ten feet, the location(s) will be disclosed to the customer. The customer will determine whether to accept the engineered path or agree to pay special construction charges as set forth in Pacific Bell Tariff F.C.C. No. 2, to provide a completely diverse route.

All protected configurations have one working and one standby path. In the event of a failure of the customer's transmission path, DecaMAN® technology will switch the customer's transmission to a dedicated standby path within 50 milliseconds of detection. In the event of failure to both fiber transmission to a dedicated standby path and/or failure to both fiber transmission paths, an out of service condition will result.

This form of protection can only be ordered per Channel Termination for each protected DecaMAN® service from the customer's premises location, or from the manhole/splice point nearest the customer premises, to the Telephone Company serving wire center.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

(N)

(J) Optional Features (Cont'd)(3) Equipment Plus Fiber Path Protection (Cont'd)(b) Equipment Plus Channel Termination Path Protection
(Cont'd)

If a customer requests complete protection extending to the Telephone Company serving wire center from their premises location when utilizing Equipment Protection Plus Channel Termination Path Protection, they must request diverse entrance facilities into their premises at each end from the nearest Telephone Company splice point closest to the customer premises location. This work is subject to Special Construction charges as set forth in Pacific Bell Tariff F.C.C. No. 2.

(c) Inter-Wire Center Path Protection

Inter-Wire Center Path Protection offers a duplicate DecaMAN® signal routed over two diversely routed fiber paths between the two serving wire centers or alternate wire centers. Path protection starts at the nearest manhole outside the Telephone Company serving wire center. Inter Wire Center Path Protection must be ordered with either Equipment Only, Channel Termination Path Protection or Alternate Wire Center Path Protection.

If any location(s) between the two fiber paths is closer than ten feet, the location(s) will be disclosed to the customer. The customer will determine whether to accept the engineered path or agree to pay special construction charges, as set forth in Pacific Bell Tariff F.C.C. No. 2, to provide a completely diverse route.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

(N)

(J) Optional Features (Cont'd)(3) Equipment Plus Fiber Path Protection (Cont'd)

(c) Inter-Wire Center Path Protection (Cont'd)

All protected configurations have one working and one standby path. In the event of a failure of the customer's transmission path, DecaMAN® technology will switch the customer's transmission to a dedicated standby path within 50 milliseconds of detection. In the event of failure to both fiber transmission paths, an out of service condition will result.

(d) Power Protection

Power Protection provides DecaMAN® customers with battery backup for up to eight (8) hours to maintain DecaMAN® equipment in the event of a commercial AC power failure.

Power Protection is offered on a per equipment bay capacity basis, per customer premises, and is dependent upon the number of DecaMAN® services for the DecaMAN® customer of record. The Telephone Company will apply the power protection rate elements based upon the circuit capacity. More than one rate element may be applicable. The Telephone Company will determine the design and engineering requirements for Power Protection for DecaMAN® customers.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd) (N)(J) Optional Features (Cont'd)(3) Equipment Plus Fiber Path Protection (Cont'd)

(d) Power Protection (Cont'd)

Customers in multi-tenant buildings will require separate equipment and bays dedicated to each customer.

The addition of Power Protection to existing DecaMAN® service may result in temporary service interruption.

Power Protection is not available for installations using a wall mounted cabinet.

Customers are responsible for providing floor space for power equipment as set forth in Section 2.3.3 preceding.

(K) Allowance for Service Interruptions

A Service Level Agreement (SLA) is offered with fully-protected DecaMAN® service, which provides the customer with a performance commitment that includes financial compensation if the service does not perform as described.

Service availability performance 99.99% is offered on a DecaMAN® service with protection (defined as Equipment Plus Path Protection) for every segment of the service.

If this SLA is not met, the customer will be entitled to a credit equal to 100% of the monthly rate for the period of the interruption of service affecting that rate element(s), not to exceed the total monthly charges for the service. Only one credit in a billing period, will apply.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

(N)

(K) Allowance for Service Interruptions (Cont'd)

The service is considered interrupted when the customer reports a service disruption of greater than ten (10) consecutive seconds to the Telephone Company, and the Telephone Company confirms that continuity of its service has been lost.

In order to qualify for this credit, the outage must be determined by the Telephone Company to be in its network, and the failure occurred in that part of the service with the protection. SLA adjustments are not available in the event of a cable cut in any unprotected portion of the DecaMAN® service fiber path, or due to customer requested modifications to the service that may require down time.

SLAs are applicable to customers who purchase Equipment Plus Alternate Wire Center Path Protection or Equipment Plus Channel Termination Path Protection on both ends of a DecaMAN® service (both channel terminations) as well as Inter-Wire Center Path Protection when applicable. The customer is responsible for notifying the Telephone Company when the service parameter within the calendar month falls below the committed level. The customer must request a service credit adjustment within 25 days after the end of the month when the failure occurred.

(L) Upgrade to DecaMAN® from Lower Speeds

Customers with one, two, three, or five year GigaMAN® TPPs may at any time, upgrade to DecaMAN® service without incurring the Termination Liability charge, providing the following criteria are met:

- (1) The customer subscribes to a Term Pricing Plan period that is equal to, or greater than, 12 months;
- (2) The expiration date for the new Term Pricing Plan period is beyond the end of the original Term Pricing Plan period;
- (3) No lapse in service occurs;
- (4) 100% of any waived or unamortized nonrecurring charges will apply;
- (5) The monthly rates for the new service will be those rates in effect at the time the new service is installed;
- (6) The new service is provided between the same customer locations and with the same customer of record as the disconnected service; and
- (7) The billed monthly recurring revenue for the new service is equal to or greater than the billed monthly recurring revenue remaining in the service being converted.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

(N)

(M) LAN-PHY to WAN-PHY and WAN-PHY to LAN-PHY conversions

LAN-PHY to WAN-PHY and WAN-PHY to LAN-PHY conversions will be treated as a complete disconnect and new connect of the DecaMAN® service, requiring placement of an order for the new service. No Termination Liability charges will apply, providing the following criteria are met:

- (1) The customer subscribes to a Term Pricing Plan period that is equal to, or greater than, 12 months;
- (2) The expiration date for the new Term Pricing Plan period is beyond the end of the original Term Pricing Plan period;
- (3) No lapse in service occurs;
- (4) 100% of any waived or unamortized nonrecurring charges will apply;
- (5) The monthly rates for the new service will be those rates in effect at the time the new service is installed;
- (6) The new service is provided between the same customer locations and with the same customer of record as the disconnected service; and
- (7) The billing period revenue for the new service is equal to or greater than the billing period revenue remaining in the service being converted.

(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)(N) Rates and Charges(1) Recurring Charges(a) LAN-PHY

		Term Pricing Plan					
	USOC	Monthly Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	NRC
(1) Local Distribution Channel							
-Per Point of Termination Terminating Bit Rate 10 Gbps							
-All States	TMECS	\$18,000.00	\$15,000.00	\$12,000.00	\$8,500.00	\$7,250.00	N/A
(2) Interoffice Transport Mileage							
-Fixed							
-All States	1L5XX	3,600.00	2,700.00	1,800.00	1,275.00	1,150.00	N/A
-Per Mile 10 Gbps							
-All States	1L5XX	425.00	300.00	250.00	125.00	100.00	N/A
(3) Repeater -each	VU4	7,200.00	6,000.00	4,800.00	3,400.00	2,900.00	N/A
(4) Diversity Options							
Local Channel Diversity							
-Per Channel Terminating Bit Rate 10 Gbps							
-All States	CPALX	3,938.00	3,038.00	2,700.00	2,250.00	2,025.00	850.00
Inter Wire Center Diversity							
-Per Channel Terminating Bit Rate 10 Gbps							
-All States	CPATX	2,625.00	2,025.00	1,800.00	1,500.00	1,350.00	700.00
Alternate Wire Center Diversity							
-Per Channel Terminating Bit Rate 10 Gbps							
-All States	CPAAX	6,300.00	4,860.00	4,320.00	3,600.00	3,240.00	950.00
(5) Collocation Transport facilities between Collocation Arrangements							(N)
- Fixed	1H48S	9,600.00	6,700.00	4,800.00	4,200.00	3,800.00	
- Per Mile	1H48S	425.00	300.00	250.00	125.00	100.00	(N)

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)(N) Rates and Charges (Cont'd)(1) Recurring Charges (Cont'd)(a) LAN-PHY (Cont'd)

	USOC	Monthly Extension	12 Mo.	Term Pricing Plan			NRC
				24 Mo.	36 Mo.	60 Mo.	
(6) Protection – per DecaMAN® service arranged							
-Equipment Only Protection, per terminating end	CPAEX	9,000.00	8,250.00	7,350.00	6,300.00	5,400.00	3,000.00
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	14,760.00	12,300.00	11,040.00	9,600.00	8,400.00	4,500.00
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	13,140.00	10,950.00	9,900.00	8,550.00	7,350.00	4,200.00
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	1,425.00	1,125.00	600.00	450.00	300.00	625.00
-Power Protection ⁽¹⁾	VBBGX	700.00	625.00	525.00	480.00	435.00	475.00

⁽¹⁾ Power Protection rate elements are applicable, as set forth in 25(K), preceding.

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)(N) Rates and Charges (Cont'd)(1) Recurring Charges (Cont'd)(b) WAN-PHY

		Term Pricing Plan					
	USOC	Monthly Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	NRC
(1) Local Distribution Channel							
-Per Point of Termination Terminating Bit Rate 10 Gbps							
-All States	TMECS	\$19,800.00	\$16,500.00	\$13,200.00	\$9,600.00	\$8,200.00	N/A
(2) Interoffice Transport Mileage							
-Fixed							
-All States	1L5XX	3,600.00	2,700.00	1,800.00	1,275.00	1,150.00	N/A
-Per Mile 10 Gbps							
-All States	1L5XX	425.00	300.00	250.00	125.00	100.00	N/A
(3) Repeater -each	VU4	7,200.00	6,000.00	4,800.00	3,400.00	2,900.00	N/A
(4) Diversity Options							
Local Channel Diversity							
-Per Channel Terminating Bit Rate 10 Gbps							
-All States	CPALX	3,938.00	3,038.00	2,700.00	2,250.00	2,025.00	850.00
Inter Wire Center Diversity							
-Per Channel Terminating Bit Rate 10 Gbps							
-All States	CPATX	2,625.00	2,025.00	1,800.00	1,500.00	1,350.00	700.00
Alternate Wire Center Diversity							
-Per Channel Terminating Bit Rate 10 Gbps							
-All States	CPAAX	6,300.00	4,860.00	4,320.00	3,600.00	3,240.00	950.00
(5) Collocation Transport facilities between Collocation Arrangements							
- Fixed	1H48S	9,600.00	6,700.00	4,800.00	4,200.00	3,800.00	
- Per Mile	1H48S	425.00	300.00	250.00	125.00	100.00	

(N)
|
(N)

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25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)(N) Rates and Charges (Cont'd)(1) Recurring Charges (Cont'd)(b) WAN-PHY (Cont'd)

	USOC	Monthly Extension	12 Mo.	Term Pricing Plan			NRC	(T)
				24 Mo.	36 Mo.	60 Mo.		
(6) Protection - per DecaMAN® service arranged								
-Equipment Only Protection, per terminating end	CPAEX	9,000.00	8,250.00	7,350.00	6,300.00	5,400.00	3,000.00	
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	14,760.00	12,300.00	11,040.00	9,600.00	8,400.00	4,500.00	
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	13,140.00	10,950.00	9,900.00	8,550.00	7,350.00	4,200.00	
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	1,425.00	1,125.00	600.00	450.00	300.00	625.00	
-Power Protection ⁽¹⁾	VBBGX	700.00	625.00	525.00	480.00	435.00	475.00	

⁽¹⁾ Power Protection rate elements are applicable, as set forth in 25(K), preceding.

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ACCESS SERVICE

25. 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®) (Cont'd)

(N)

(N) Rates and Charges (Cont'd)(2) Installation and Rearrangement Charges(a) LAN-PHY

All States		<u>Nonrecurring Charge</u> ⁽¹⁾
	USOC	
(1) Administrative Charge per Order	ORCMX	\$60.00
(2) Design Central Office Connection Charge per circuit	NRMCK	\$600.00
(3) Customer Connection Charge per Termination	NRBBL	\$1,400.00

(b) WAN-PHY

All States		<u>Nonrecurring Charge</u> ⁽¹⁾
	USOC	
(1) Administrative Charge per Order	ORCMX	\$60.00
(2) Design Central Office Connection Charge per circuit	NRMCK	\$600.00
(3) Customer Connection Charge per Termination	NRBBL	\$1,400.00

(1) The Installation and Rearrangement non-recurring charges will be waived for customers purchasing a 36 or 60 month term pricing plan.

(N)

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ACCESS SERVICE

26. Dedicated SONET Ring Service

(N)

26.1 General Description(A) Basic Service Description

Dedicated SONET Ring OC-3, OC-12 and OC-48 Service provides customers with a dedicated custom network. The network is in a ring architecture, including sub-rings, designed to provide increased reliability and functionality by connecting multiple customer designated locations and specified Telephone Company Central Offices (COs) via self-healing network designs. Dedicated SONET Rings OC-3, OC-12 and OC-48 are available via Self-Healing Uni-Directional Path Switched Rings (UPSR); additionally, OC-48 is available via Self-Healing Bi-Directional Line Switched Rings (BLSR). The dedicated ring can connect multiple (between 2 and 16) customer-designated locations and Telephone Company COs, where SONET facilities and equipment are available. The Dedicated SONET Ring services will interface with other compatible Telephone Company-provided Special Access Services as provided by the Tariff (i.e. DS1, DS3).

Rates and charges for Dedicated SONET Ring Service are set forth in Section 26.4, with the exception of the services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. The rates and charges for the Dedicated SONET Ring Service in the MSAs that have received Phase II pricing flexibility are set forth in Section 22.

Rate elements include nodes, ports, mileage between nodes and regenerators. Rates are specified in Section 26.4, following.

(B) Service Provisioning(1) Manner of Provisioning

All customers will be served from the nearest suitably equipped end office. Information pertaining to end offices equipped to provide Dedicated Ring Service is set forth in the National Exchange Carrier Association, Inc. (NECA) Tariff F.C.C. No. 4. Dedicated SONET Ring Service will be provided subject to the availability and limitations of the Telephone Company's wire centers and outside plant facilities. Dedicated SONET Ring Service is only available where technical capabilities permit such facility distance and type of physical plant. Where facilities are not available, Special Construction charges may apply.

(2) Limitations

The Telephone Company does not undertake to originate data, but offers the use of its Dedicated SONET Ring Service, where available, to customers for the purpose of transporting data originated by the customer or a third party.

(N)

(This page filed under Transmittal No. 118)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)

(N)

26.1 General Description (Cont'd)(B) Service Provisioning (Cont'd)(3) Allowance for Service Interruptions

Dedicated SONET Ring Service provides Automatic Protection Switching to assure 100 percent availability of the services on the ring. A service interruption will result in a credit equal to one month's bill for the individual port-to-port connection involved. An interruption of service will start when an inoperative service is reported to the Telephone Company, and end when the service is operative. In any month, as a result of an interruption, the total credit per rate element of the interrupted service may not exceed 100 percent of the monthly charge for that particular rate element.

In the event that protected facilities do not exist (including dual entrance facilities) and the customer does not utilize Special Construction to provide protected facilities, the unprotected dedicated ring will be provided.

(C) Responsibility of The Telephone Company

The Telephone Company will provision and maintain Dedicated SONET Ring Service for the customer up to and including the Network Interface (NI).

(D) Rights of The Telephone Company

The Telephone Company will not provision Dedicated SONET Ring Service if it has reasonably determined that (a) it is not technically feasible over existing facilities, or (b) it will cause interference problems within the Telephone Company's network or other facilities.

During the Telephone Company's network maintenance and software update period, it may be necessary to temporarily place the Dedicated SONET Ring Service CO equipment out of service. The Telephone Company also reserves the right to temporarily interrupt Dedicated SONET Ring Service at other times in emergency situations.

(N)

(This page filed under Transmittal No. 118)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.1 General Description (Cont'd)(E) Responsibility of Customer

The customer is responsible for providing compatible Customer Provided Equipment (CPE) that is used for connection to Dedicated SONET Ring Service.

26.2 Technical Specifications

Technical specifications for Dedicated SONET Ring Service are listed in the following Telephone Company publications:

- (1) TP 76839 SONET Transmission Requirements Performance and Interface Specifications
- (2) AM TR-NIS-000111 Ameritech OC-3, OC-12, OC-48 and OC-192 Service Interface Specifications
- (3) AM TR-TMO-000101 Ameritech Digital Service Transmission Parameters for Performance
- (4) SBC-TP-76412-000 Customer Interface Standards for 100 Mbps and Higher Excluding SONET Interfaces

Dedicated SONET Ring Service offers the following SONET (Synchronous Optical Network) based Interfaces:

DS1 1.544 Mbps
DS3 44.736 Mbps
EC-1 51.84 Mbps
OC-3 155.520 Mbps
OC-3c 155.520 Mbps (concatenated)
OC-12 622.080 Mbps
OC-12c 622.080 Mbps (concatenated)
OC-48 2488.320 Mbps
Ethernet 100 Mbps
Ethernet 1 Gbps

(N)

26.3 Rate Regulations(A) Rate Elements(1) Nodes

The ring will provide connectivity to multiple customer designated locations (nodes). However, a ring must have a minimum of two nodes, excluding sub-ring nodes. At least one node must be a Telephone Company CO node. A maximum of 16 nodes, including regenerators, will be allowed per ring.

The Telephone Company reserves the right to determine the order of the nodes on the ring.

(This page filed under Transmittal No. 130)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)

(N)

26.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)(1) Nodes (Cont'd)

When a customer premises node is located in the same building as a CO node, diversity between the two nodes may not be available.

If a customer collocates two customer premises nodes of the same speed, on the same dedicated ring, on the same premises, the additional node will be billed as shown in Section 26.4. This option does not provide diversity between these two collocated nodes and the rest of the ring.

(a) Sub-Ring Node

A sub-ring node is a lower speed optical extension off a main ring. It traverses one or more main ring nodes via the use of OC-N port connections on and off the main ring. The primary use of sub-ring nodes is to provide the ability to fully utilize the bandwidth around the ring when the customer requires DS1/VT1.5 circuit paths.

An optional sub-ring node is available at OC-3 and OC-12 speeds from an OC-48 main ring, and OC-3 speed from an OC-12 main ring. A sub-ring node may only connect to the main ring at the same, or an adjacent, main ring node. A sub-ring node may not connect directly to another sub-ring node.

Any service that enters the main ring via a port on a sub-ring node must also exit via a port on another sub-ring node (sub-ring on - sub-ring off). Cascading sub-rings are not allowed off a main ring. Service circuits may not be established between sub-ring nodes connecting to the same main ring node or between a sub-ring node and a port on the same main ring node to which it connects.

Each sub-ring must be implemented as an OC-M on an OC-N ring with full complement of STS-1s, STS-3s or STS-12s, depending on the bandwidth of the sub-ring, appearing together at all associated sub-ring nodes on a given sub-ring.

Two OC-N ports and associated node charges apply for each sub-ring node connected to the main ring, as well as applicable mileage for the sub-ring.

A sub-ring node which is co-located with a main ring node at the customers premises (for the same dedicated ring) will be billed as an "Additional Node" per 26.4 (A), following. A sub-ring is not available with a two-node main ring configuration.

(N)

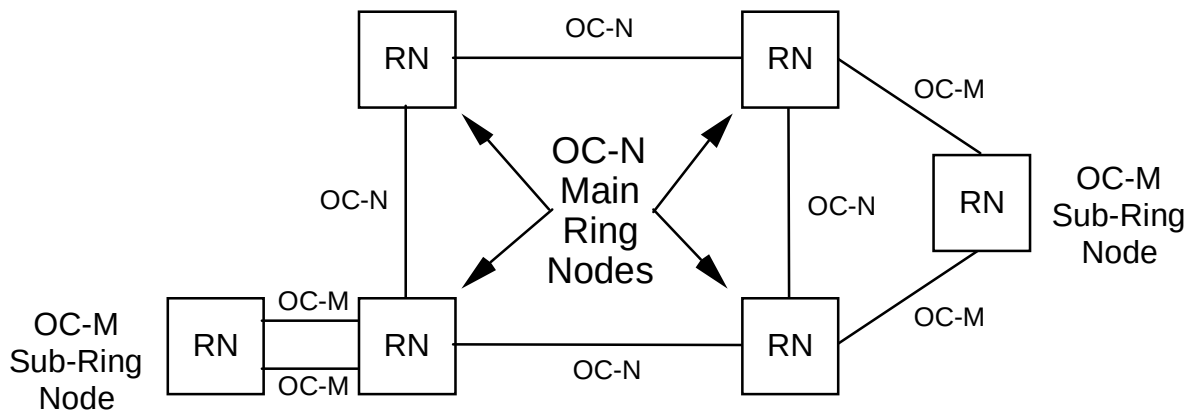
(This page filed under Transmittal No. 118)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)(1) Nodes (Cont'd)

(a) (Cont'd)

Sub-Ring Node Diagram



Sub-Ring Nodes, OC-M < OC-N

(b) Re-Map Node

A Re-Map node is a ring node that is pre-equipped and dedicated to customer traffic that is re-mapped/re-routed to it by the Telephone Company (upon notification by the customer of a service outage at another customer premises node on the same dedicated ring).

Re-Map is designed as a temporary service for disaster recovery purposes only. No "normal" customer traffic will be added/dropped at the Re-Map node unless the Re-Map service is activated.

(c) Flex-Ring

Flex-Ring feature provides double the standard bandwidth levels for the Dedicated Ring product. The customer has the ability to double their bandwidth without ordering the next higher ring service.

(N)
|
(N)

Certain material previously appearing on this page now appears on Original Page 26-6.1.

(This page filed under Transmittal No. 121)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)(1) Nodes (Cont'd)(c) Flex-Ring (Cont'd)(1) Double-Rings

Double-Rings will provide the ability to place two rings on the same DSRS equipment. Nodes of the second ring must be the same as the first ring. The second OC-12 and OC-48 ring is available and will require a new TPP upon the upgrade. All nodes on the ring will be at the same level. The additional higher speed optics may contribute to slot exhaustion on the main node. The standard features and components (mileage, ports, etc.) are available as described in Section 26.3(A). The second ring will require another pair of fibers so mileage will apply to both rings. There will only be two rings available on a single SONET ring equipment. The second ring's line rate will be the same as the first ring.

(2) OC-48 Add/Drop Capability

This provides the capability to add/drop lower speed channels from an OC-48 Dedicated Ring node location via OC-12 and OC-3 ports. OC-48 Add/Drop Capability at an OC-48 Dedicated SONET Ring Service node location will support any combination of service traffic not to exceed 48 STS-1 equivalents. The Add/Drop capability charge is applied only once and only when the 25th DS3 port is applied per node.

(3) Ports

Lower speed channels are accessible at nodes via port terminations. Ports provide access to lower-speed services at each node (e.g. DS1, DS3, STS-1, EC-1, OC-3, 100 Mbps Ethernet, 1 Gbps Ethernet, and possibly OC-12, depending on the bandwidth of the ring). Port configuration requirements are provided by the customer when the Dedicated SONET Ring service is ordered. The capacity of the selected OC-3, OC-12 or OC-48 Dedicated SONET Ring service is determined by the number of individual port-to-port connections available between all nodes on the ring.

(M)

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(M)

(N)

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(M)

Certain material previously appearing on this page now appears on 1st Revised Page 26-8.
Certain material appearing on this page previously appeared on 1st Revised Page 26-7.

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Four AT&T Plaza, Dallas, Texas 75202

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)

(T)

(3) Ports (Cont'd)

Accepted interfaces are as follows:

	OC-3 Node	OC-12 Node	OC-48 Node
DS1 Ports	X (Max. 84/Node)	X ⁽¹⁾ (Max. 84/OC-3 or OC-3c Port)	X ⁽¹⁾ (Max. 84/OC-3, OC-3c Port)
DS3 Ports	X (Max. 3/Node)	X (Max. 12/Node)	X (Max. 48/Node)
EC-1 Ports	X (Max. 3/Node)	X (Max. 12/Node)	X (Max. 48/Node)
OC-3/3c Ports ⁽²⁾	X (Max. 1/Node)	X (Max. 4/Node)	X (Max. 16/Node)
OC-12/12c Ports ⁽²⁾	N/A	X (Max. 1/Node)	X (Max. 4/Node)
OC-48/48c Ports ⁽²⁾	N/A	N/A	X (Max. 1/Node)
100 Mbps (STS-1) Ethernet Port	X (Max. 3/Node)	X (Max. 12/Node)	X (Max. 48/Node)
100 Mbps (STS-3c) Ethernet Port	N/A	X (Max. 4/Node)	X (Max. 16/Node)
1 Gbps (STS-1) Ethernet Port	N/A	X (Max. 12/Node)	X (Max. 32/Node)
1 Gbps (STS-3c) Ethernet Port	N/A	X (Max. 4/Node)	X (Max. 16/Node)
1 Gbps (STS-12c) Ethernet Port	N/A	N/A	X (Max. 4/Node)
1 Gbps (STS-24c) Ethernet Port	N/A	N/A	X (Max. 2/Node)

By using the existing OC-3 or OC-12 Service and cross-connection capability, OC-3 point-to-point service may connect to an OC-3 port of an OC-12 or OC-48 ring, or OC-12 point-to-point service may connect to an OC-12 port of an OC-48 ring located in a Telephone Company CO.

An OC-3 port will permit the connection of STS-1 channels to other STS-1 channels across the OC-12 or OC-48 Dedicated SONET Ring Service, subject to the overall ring capacity limits described in 26.3(A)(7), following. Also, an STS-1 channel with DS1 payload mapping accessing an OC-12 Dedicated SONET Ring using an OC-3 port may be connected to the Optical-to-Electrical DS1 Add/Drop Capability for the purpose of connecting up to 28 DS1 ports. An STS-1 channel with DS3 payload mapping accessing the OC-12 or OC-48 Dedicated SONET Ring using an OC-3 port may individually connect to a DS3 or EC-1 port.

⁽¹⁾ Optical to Electrical DS1 Add/Drop Capability as described in 26.3(A)(5) is needed along with an OC-3 port.

⁽²⁾ OC-3 and OC-3c ports support both OC-3 and OC-3c bandwidths. OC-12 and OC-12c ports support both OC-12 and OC-12c bandwidths. OC-48 and OC-48c ports support both OC-48 and OC-48c bandwidths.

Certain material previously appearing on this page now appears on 1st Revised Page 26-6.1.

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ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)(3) Ports (Cont'd)

When a customer orders a Re-Map node, a minimum number of Re-Map ports must be equipped;

OC-3 28 DS1 Re-Map ports, or 1 DS3 Re-Map port
 OC-12 28 DS1 Re-Map ports, or 3 DS3 Re-Map ports, or 1 OC-3 or OC-3c Re-Map port
 OC-48 28 DS1 Re-Map ports, or 3 DS3 Re-Map ports, or 1 OC-3 or OC-3c Re-Map port or 1 OC-12 Re-Map port

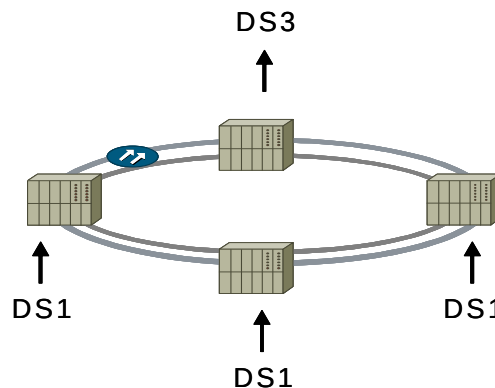
Re-Map node ports must be ordered in incremental blocks as described below:

	Port Type			
	DS1	DS3	OC-3 or OC-3c	OC-12 or OC-12c
OC-3 Ring	28, 56 or 84 (multiples of 28)	1, 2, or 3	N/A	N/A
OC-12 Ring	28, 56 or 84 (multiples of 28)	3, 6, 9, or 12	1, 2, 3, or 4	N/A
OC-48 Ring	28, 56 or 84 (multiples of 28)	3, 6, 9... or 48	1, 2, 3... or 16	1, 2, 3 or 4

An OC-12 or OC-48 ring utilizing Re-Map requires an OC-3 or OC-3c Re-Map port and DS1 Re-Map Add/Drop Capability to support DS1 port types. (An OC-3 or OC-3c Re-Map port and DS1 Re-Map Add/Drop Capability supports up to 84 DS1's.)

Transmux

DS3 Transmux is available on all speeds and provides the ability to aggregate multiple DS1s to a DS3 within the SONET Ring and also on a single card. DS1s are aggregated across the SONET network and terminated into a single DS3 card at a ring node. The hand-off will be a channelized DS3. Aggregation of DS1s can occur across multiple DS3/STSS.



Certain material previously appearing on this page now appears on 2nd Revised Page 26-9.
 Certain material appearing on this page previously appeared on Original Page 26-6.1.

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ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)(4) Mileage

Mileage is the total airline distance between the serving wire center of each node involved on the ring. A one-mile minimum will be billed between nodes. A two-node ring configuration has a two-mile minimum - one mile from the wire center node to the customer premises node, and one mile from the customer premises node to the wire center node.

(5) Optical to Electrical DS1 Add/Drop Capability⁽¹⁾

This option allows an electrical DS1 to be derived from an optical OC-12 or OC-48 ring by using this capability to add/drop the electrical DS1 from an OC-3 port. The Optical-to-Electrical DS1 Add/Drop Capability charge is applied when the 85th DS-1 port is required per OC-12 node. Additional charges will apply per each subsequent increment of 84 DS-1 ports.

(6) Dedicated SONET Ring Regenerator

Regenerators provide essential detection and retransmission of SONET Optical 155.52 Mbps, 622.08 Mbps and 2488.32 Mbps signals between nodes. Regenerators will only be provided as required by the Telephone Company when actual fiber facility distances between nodes exceed inter-nodal design limits (typically 20 to 25 miles). Regenerators will be located exclusively in Telephone Company COs, and do not allow ports to access customer service connections.

(7) Dedicated SONET Ring Connection Capacity

Maximum transport capacity of OC-3, OC-12 and OC-48 Dedicated SONET Ring Service is characterized by the total quantity of individual port-to-port connections allowed between all nodes on the ring. The DS3 Port connections shown below in this section can be exchanged with EC-1 Port connections.

For OC-3 Dedicated SONET Ring Service, the maximum ring capacity will be equal to one of the following combinations:

DS3 Port to DS3 Port Connections		DS1 Port to DS1 Port Connections
Three	and	None
Two	and	Up to 28
One	and	Up to 56
None	and	Up to 84

An OC-3 Sub-ring provided as part of OC-12 or OC-48 Dedicated SONET Ring Service has a maximum capacity equal to one of the above combinations.

For OC-3 Dedicated SONET Ring Service and OC-3 Sub-rings as part of OC-12 or OC-48 Dedicated SONET Ring Service, individual DS1 port-to-DS1 port and DS3 port-to-DS3 port connection capacities may be incrementally distributed between nodes on the ring in any manner.

⁽¹⁾ Optical to Electrical DS1 Add/Drop Capability as described in 26.3(A)(5) is needed along with an OC-3 port.

Certain material appearing on this page previously appeared on Original Page 26-8.

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ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)

(N)

26.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)(7) Dedicated SONET Ring Connection Capacity (Cont'd)

For OC-12 Dedicated SONET Ring Service, the maximum ring capacity will be equal to one of the following combinations:

DS3 Port to DS3 Port Connections	DS1 Port to DS1 Port Connections
Twelve and	None
Eleven and	One Group of 28
Ten and	Two Groups of 28 (56)
Nine and	Three Groups of 28 (84)
Eight and	Four Groups of 28 (112)
Seven and	Five Groups of 28 (140)

Six and	Six Groups of 28 (168)
Five and	Seven Groups of 28 (196)
Four and	Eight Groups of 28 (224)
Three and	Nine Groups of 28 (252)
Two and	Ten Groups of 28 (280)
One and	Eleven Groups of 28 (308)
None and	Twelve Groups of 28 (336)

An OC-12 Sub-ring provided as part of OC-48 Dedicated SONET Ring Service has a maximum capacity equal to one of the above combinations.

For OC-12 Dedicated SONET Ring Service and OC-12 Sub-rings as part of OC-48 Dedicated SONET Ring Service, individual DS1 port-to-DS1 port connection and DS3 port-to-DS3 port connection capacities may be incrementally distributed between nodes on the ring in any manner.

OC-12 Dedicated SONET Ring Service will also provide capability for node-to-node connection of STS-1 or STS-3c channels using OC-3 or OC-3c ports on the OC-12 ring. Each STS-1 to STS-1 channel connection or STS-1 channel to DS3 port connection requested by the customer will reduce the remaining ring capacity by the equivalent of one DS3 port-to-DS3 port connection or 28 DS1 port-to-DS1 port connections. Each STS-3c to STS-3c channel connection requested by the customer will reduce the remaining ring capacity by the equivalent of three DS3 port-to-DS3 port connections or 84 DS1 port-to-DS1 port connections.

An OC-3 Sub-ring provided as part of an OC-12 Dedicated SONET Ring Service reduces the remaining OC-12 ring capacity by the equivalent of three DS3 port-to-DS3 port connections or 84 DS1 port-to-DS1 port connections.

(N)

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26. Dedicated SONET Ring Service (Cont'd)26.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)(7) Dedicated SONET Ring Connection Capacity (Cont'd)

For OC-48 Dedicated SONET Ring Service, the maximum ring capacity will be equal to one of the following combinations:

DS3 Port-to-DS3 Port Connections		DS1 Port-to-DS1 Port Connections	DS3 Port-to-DS3 Port Connections		DS1 Port-to-DS1 Port Connections
Forty-eight	and	None	Forty-one	and	Seven Groups of 28 (196)
Forty-seven	and	One Group of 28	Forty	and	Eight Groups of 28 (224)
Forty-six	and	Two Groups of 28 (56)	Thirty-nine	and	Nine Groups of 28 (252)
Forty-five	and	Three Groups of 28 (84)	Thirty-eight	and	Ten Groups of 28 (280)
Forty-four	and	Four Groups of 28 (112)	Thirty-seven	and	Eleven Groups of 28 (308)
Forty-three	and	Five Groups of 28 (140)	Thirty-six	and	Twelve Groups of 28 (336)
Forty-two	and	Six Groups of 28 (168)	Continuing down the scale to: None	and	Forty-eight Groups of 28 (1344)

For OC-48 Dedicated SONET Ring Service, individual DS1 port-to-DS1 port connection capacities may be distributed only in incremental groups of 28 between any two nodes on the ring. Individual DS3 port-to-DS3 port connection capacities may be incrementally distributed between nodes on the ring in any manner.

OC-48 Dedicated SONET Ring Service also provides capability for node-to-node connection of STS-1 or STS-3c channels using OC-3 or OC-12, 100 Mbps Ethernet and 1 Gbps Ethernet ports on the OC-48 ring. Each STS-1 to STS-1 channel connection or STS-1 channel to DS3 port connection requested by the customer reduces the remaining ring capacity by the equivalent of one DS3 port-to-port connection or 28 DS1 port-to-port connections. Each STS-3c to STS-3c channel connection requested by the customer reduces the remaining ring capacity by the equivalent of three DS3 port-to-DS3 port connections or 84 DS1 port-to-DS1 port connections.

An OC-3 Sub-ring provided as part of OC-48 Dedicated SONET Ring Service reduces the remaining OC-48 ring capacity by the equivalent of three DS3 port-to-DS3 port connections or 84 DS1 port-to-DS1 port connections.

(This page filed under Transmittal No. 118)

(N)

(N)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)(7) Dedicated SONET Ring Connection Capacity (Cont'd)

OC-48 Dedicated SONET Ring Service also provides capability for node-to-node connections of STS-12c channels using OC-12 ports on the OC-48 ring. Each STS-12c to STS-12c channel connection requested by the customer reduces the remaining ring capacity by the equivalent of twelve DS3 port-to-DS3 port connections or 336 DS1 port-to-DS1 port connections.

An OC-12 Sub-ring provided as part of OC-48 Dedicated SONET Ring Service reduces the remaining OC-48 ring capacity by the equivalent of twelve DS3 port-to-DS3 port connections or 336 DS1 port-to-DS1 port connections.

Ethernet over SONET (EoS) allows the efficient transport of Ethernet frames using SONET. Ethernet ports will be available in bandwidths up to the Ethernet interface of 100 Mbps or 1 Gbps on Dedicated SONET Ring Service as set forth in Section 26. As SONET bandwidths will be preset, the customer will be unable to transmit data (including any bursts) beyond these preset SONET bandwidths. Interfaces of 100 Mbps Ethernet or 1 Gbps Ethernet are available only to customers with Next Generation SONET equipment.

(8) Electrical Connection - Level 1 (EC-1)

EC-1 is an electrical interface that can transport up to 51.84 Mb of bandwidth in a concatenated format. The EC-1 port is available on an OC-3, OC-12 and OC-48 ring. For the above connection capacity charts, the quantity of EC-1 ports is equivalent to the connection capacity of a DS-3.

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(N)

26. Dedicated SONET Ring Service (Cont'd)26.3 Rate Regulations (Cont'd)(B) Term Pricing Plan(1) General Description

Dedicated SONET Rings are available for either 36- or 60-month Term Pricing Plan (TPP) periods. Monthly recurring charges apply for the nodes, ports, mileage between nodes, and regenerators.

(2) Nonrecurring Charges

Nonrecurring Charges, as set forth in 26.4, following, will apply for those arrangements ordered under the Dedicated SONET Ring TPP.

(3) Rate Flow Through

Any decreases in recurring tariff rates will be passed on to customers who participate in the TPP. The Telephone Company will notify customers participating in the TPP when monthly rates are decreased.

Should the Telephone Company increase its rates during the TPP period, the customer will pay the increased rates as long as the increase does not exceed the original tariffed rate in effect at the time the customer established service under the TPP.

(4) Subsequent Activity on the Ring

If new rate elements, as described in Section 26.3(A), are added after the initial installation of the dedicated ring, the new rate element will carry the same TPP rate as the initial ring. All new rate element's terms will be independent of the term of the initial ring. If a new rate element is added during the last 12 months or less of a TPP, the customer will be billed the initial TPP ring rate for a minimum period of 12 months. If the ring is disconnected before the new rate element's term expires, termination liability for that new rate element will apply.

(N)

(This page filed under Transmittal No. 118)

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26. Dedicated SONET Ring Service (Cont'd)

(N)

26.3 Rate Regulations (Cont'd)(B) Term Pricing Plan (Cont'd)(5) Renegotiation

The customer may choose to terminate an existing TPP any time prior to the end of the 36- or 60-month period and negotiate a new TPP without termination liability, provided the new TPP meets the following requirements:

- (a) The minimum period for the new TPP must be greater than the remaining period currently in effect, and
- (b) The renegotiated TPP will be based on the current rates.

An existing 36-month TPP may be converted into a 60-month TPP without termination liabilities, provided that:

- the 36-month TPP has not ended, and
- the converted TPP must be based upon the rates that are currently in effect and otherwise available to all customers.

When the customer converts to a 60-month TPP, actual time in service for the original TPP will be applied to the new TPP. However, no credits or refunds will apply for the billing of actual time in service for the previous TPP.

The customer must meet the following to qualify for the renegotiation clause, without incurring Termination Liability charges.

- (1) The customer subscribes to a new higher speed Term Pricing Plan period that is equal to, or greater than 36 months;
- (2) The expiration date for the new Term Pricing Plan period is beyond the end of the original Term Pricing Plan period;
- (3) No lapse in service occurs;
- (4) Nonrecurring Charges will apply, when applicable;
- (5) The monthly rates for the new service will be those rates in effect at the time the new service is installed;
- (6) The new service is provided between the same customer locations and with the same customer of record as the disconnected service;
- (7) The billed monthly recurring revenue for the new service is equal to or greater than the billed monthly recurring revenue remaining in the service being converted; and
- (8) Spare facilities and equipment must be available or a nonrecurring upfront payment, which is a Special Construction charge, may apply.

(N)

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ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)

(N)

26.3 Rate Regulations (Cont'd)(B) Term Pricing Plan (Cont'd)(6) Renewal

- (a) The customer must provide the Telephone Company with a written notice of intent to renew a TPP no later than 60 days prior to its expiration.
- (b) The customer will continue to be billed at the current TPP rates.
- (c) The new TPP must be for a 36- or 60-month period.
- (d) If the customer does not renew the TPP or does not notify the Telephone Company of its intent to renew the TPP, the customer's service will convert to the Monthly Extension rate until the customer cancels or renews the service with a new TPP term.

(7) Termination of Service

If a customer cancels a service order or terminates services before the completion of the term for any reason other than a service interruption, the customer agrees to pay the Telephone Company termination liability charges, which are defined below. These charges shall become due as of the effective date of the cancellation or termination, and are payable within 30 days of the invoice date, subject to interest penalty on the unpaid balance.

Customer's termination liability for cancellation or termination of service shall be equal to:

- (a) All waived and/or unpaid nonrecurring charges, plus
- (b) 50% of all recurring charges for the balance of the customer's term.

(C) Moves(1) Moves within a Customer's Premises

A move involves a change in the physical location of the Point of Termination on the customer's premises. Such moves will be treated as an extension of Dedicated SONET Ring facilities. Extension of Dedicated SONET Ring facilities will be provided, at the customer's request, on a time-sensitive charge basis. The labor rates that apply are set forth in Section 13, preceding (Rates and Charges). There will be no change in the TPP term requirements.

(2) Moves of Dedicated SONET Ring Nodes

Moves of Dedicated SONET Ring nodes requested by the customer will be billed time and material for charges incurred. No change in the billing period is required. Termination Liability charges will not apply to moves of Dedicated SONET Ring nodes. If an additional location, monthly node is placed to facilitate migration of services to the new node location, monthly node charges will apply to both the additional node and the node being moved during the period for service transition.

(N)

(This page filed under Transmittal No. 118)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.3 Rate Regulations (Cont'd)(D) Upgrades of Dedicated SONET Ring Service to Higher Speed Services

Customers with 36- or 60-month Dedicated SONET Ring Service TPPs may at any time upgrade to a higher speed service (e.g., OC-3 to OC-12), without incurring the Termination Liability charge, providing the following criteria are met:

- (1) The customer subscribes to a new higher speed Term Pricing Plan period that is equal to, or greater than, 36 months;
- (2) The expiration date for the new Term Pricing Plan period is beyond the end of the original Term Pricing Plan period;
- (3) No lapse in service occurs;
- (4) Nonrecurring Charges will apply; (Tx)
- (5) The monthly rates for the new service will be those rates in effect at the time the new service is installed;
- (6) The new service is provided between the same customer locations and with the same customer of record as the disconnected service;
- (7) The billed monthly recurring revenue for the new service is equal to or greater than the billed monthly recurring revenue remaining in the service being converted; (Sy)
- (8) Spare facilities and equipment must be available or a nonrecurring upfront payment, which is a Special Construction charge, will apply; and (Tx)
- (9) Existing service must have been in place for a minimum of 12 months.⁽¹⁾ (Sy)

- (1) This criteria does not apply to term plans purchased prior to 03/18/06. (Cx)
(x) Issued under authority of Special Permission No. 06-016 of the F.C.C.
(y) Reissued material filed under Transmittal No. 121 became effective on 03/18/06.

(This page filed under Transmittal No. 124)

ACCESS SERVICE

(N)

26. Dedicated SONET Ring Service (Cont'd)26.3 Rate Regulations (Cont'd)(E) Conversion to Dedicated SONET Ring Service from Other Services

Customers may convert to one of the following existing services to Dedicated SONET Ring Service, without incurring the Termination Liability charges for those existing services, as long as the minimum requirements in that section of the tariff for waiver of the Termination Liability charges are met. The DS3 and OCN Point-to-Point Service Tariffs will depict applicable termination liability exemptions.

The following services found in F.C.C. No. 1 may be upgraded to Dedicated SONET Ring:

- (1) Broadband Circuit Service: Section 20.2(J)
- (2) Optical Carrier Network Point-to-Point: Section 21.2(I)

The customer must meet the following to qualify for conversions without incurring Termination Liability charges.

- (1) The customer subscribes to a new higher speed Term Pricing Plan period that is equal to, or greater than, 36 months;
- (2) The expiration date for the new Term Pricing Plan period is beyond the end of the original Term Pricing Plan period;
- (3) No lapse in service occurs;
- (4) Nonrecurring Charges will apply, when applicable;
- (5) The monthly rates for the new service will be those rates in effect at the time the new service is installed;
- (6) The new service is provided between the same customer locations and with the same customer of record as the disconnected service;
- (7) The billed monthly recurring revenue for the new service is equal to or greater than the billed monthly recurring revenue remaining in the service being converted; and
- (8) Spare facilities and equipment must be available or a nonrecurring upfront payment, which is a Special Construction charge, may apply.

(N)

(This page filed under Transmittal No. 118)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.3 Rate Regulations (Cont'd)(F) Shared Network Arrangement⁽¹⁾

A Shared Network Arrangement is a service offering that enables a customer ("Service User") to connect subtending services to an OC-3, OC-12 or OC-48 Dedicated SONET Ring service of another customer (the "Host Subscriber"), with the Telephone Company maintaining separate billing for each. Each customer will be billed for those rate elements associated with their own portion of the service configuration. The Host Subscriber will be responsible for all Dedicated SONET Ring Service rate elements (for example, node, ports and mileage, etc). Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User orders a subtending service dropped from a Host Subscriber's Dedicated SONET Ring wire center node.

Under the Shared Network Arrangement, the Telephone Company may share record information with the Host Subscriber pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the Telephone Company and is necessary to perform billing reconciliation and/or other functions required in connection with maintaining account records.

(G) Re-Map Service

Re-Map Service is provided in conjunction with Dedicated SONET Ring Service and allows for a pre-defined set of services to be re-routed by the Telephone Company from one customer premises node to another customer premises node (defined as a "Re-Map node") in the event of a customer premises disaster. Re-Map service will be tested at initial installation and once each year thereafter. Additional testing can be requested and will be charged on a per test basis. Activation upon customer request in the event of an emergency will be charged on a per occurrence basis.

Once the customer notifies the Telephone Company that they are ready to receive signals to the Re-Map node site, the Telephone Company will Re-Map up to 50 circuits within the initial hours and 20 circuits every hour thereafter. The Emergency Activation Nonrecurring Charge will not be applied if the first 50 circuits are not Re-Mapped within 4 hours due to a Telephone Company-caused delay.

Re-Map Service is available on Self-Healing Uni-Directional Path Switched Rings (UPSR) only.

(C)
(C)

(1) Effective 05/26/06, this regulation is limited to existing customers. For new customers purchasing Shared Network Arrangement, terms and conditions set forth in Section 5.2 (D), will apply.

(This page filed under Transmittal No. 130)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.3 Rate Regulations (Cont'd)(G) Re-Map Service (Cont'd)

Re-Map testing or activation for OC-3 or OC-12 DDN service requires a minimum of one DS1 (VT1.5), or 1 DS3 (STS-1) between one customer premises node and the Re-Map node. Re-Map testing or activation for OC-12 or OC-48 service requires a minimum incremental group from 1 to 28 DS1s or one DS3 (equals one STS-1) between one customer premises node and the Re-Map node.

The emergency Re-Map activation configuration will be maintained for up to 30 days. After 30 days, if the customer wishes to maintain the emergency configuration, the Emergency Activation Nonrecurring Charge will be applied once for each 30 day additional period.

(H) Shared Use

Shared Use occurs when Switched Access and Special Access services are provided over the same analog or digital high capacity facility or SONET based service through a common interface. The regulations governing the provision of Shared Use are set forth in 6.7.12 and 7.2.7, preceding.

While Shared Use of SONET facilities (i.e., Dedicated SONET Ring Service) for Switched Access Transport is permitted, the SONET Special Access facilities continue to be rated as Special Access.

(I) STS-1 Service

The STS-1 circuit allows the efficient transport of up to 51.84 Mbps of bandwidth across Dedicated SONET Ring utilizing EC-1 (Electrical Connection - Level 1) ports on the dedicated service. While the EC-1 port is comparable to the DS-3 port as far as the connection capacity per STS, the STS-1 circuit utilizes the entire bandwidth of the STS (51.84 Mbps) while the DS-3 uses 44.76 Mbps of the STS. The STS-1 circuit is available via EC-1 ports on OC-3, OC-12 and OC-48 rings.

(N)

(N)

(This page filed under Transmittal No. 142)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.4 Rates and Charges(A) Node

Description	USOC	36 Months	60 Months	Monthly Extension
Per Node:				
OC-3				
-Customer Premises				
First	FP5CX	\$1,650.00	\$1,300.00	\$2,120.00
First Re-Map	RN8CX	1,770.00	1,415.00	2,120.00
Additional	FP5CA	1,000.00	800.00	1,200.00
Additional Re-Map	RN8CA	1,000.00	800.00	1,200.00
-Central Office	FC5CX	1,000.00	800.00	1,200.00
OC-12				
-Customer Premises				
First	FP5DX	3,850.00	3,080.00	4,620.00
First Re-Map	RN8DX	3,850.00	3,080.00	4,620.00
Additional	FP5DA	2,620.00	2,095.00	3,140.00
Additional Re-Map	RN8DA	2,620.00	2,000.00	3,140.00
-Central Office	FC5DX	2,620.00	2,095.00	3,140.00
OC-48				
-Customer Premises				
First	FP5EX	5,890.00	4,715.00	7,070.00
First Re-Map	RN8EX	5,890.00	4,715.00	7,070.00
Additional	FP5EA	5,240.00	4,190.00	6,280.00
Additional Re-Map	RN8EA	5,240.00	4,190.00	6,280.00
-Central Office	FC5EX	5,240.00	4,190.00	6,280.00

Description	USOC	36 Months	60 Months	Monthly Extension
Per node:				
Flex-Ring				
Customer Premise node for 2nd ring double on existing				
OC-12	GP5FX	2,200.00	1,800.00	2,900.00
OC-48	GP5GX	3,900.00	3,000.00	4,500.00
Central Office node for 2nd ring double on existing				
OC-12	GC5FX	1,850.00	1,500.00	2,200.00
OC-48	GC5GX	3,500.00	2,800.00	4,100.00

(N)

(N)

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.4 Rates and Charges (Cont'd)(A) Node (Cont'd)

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
-Per Node		
Customer Premises	NRBS7	\$400.00
Customer Premises Re-Map	NRBS7	400.00
Central Office	NRBSV	325.00

(B) OC-48 Add/Drop Capability

Description	USOC	36 Months	60 Months	Monthly Extension
Per Arrangement	MPEFX	\$3,510.00	\$2,895.00	\$4,350.00
Re-Map				
per arrangement	M8RFX	3,510.00	2,895.00	4,350.00
Nonrecurring charges for subsequent installation				
per arrangement	NRBS8			490.00

(C) Ports

Description	USOC	36 Months	60 Months	Monthly Extension
- Per Port (excluding Re-Map)				
DS1 at OC-3 Node	SPRAX	\$ 50.00	\$ 45.00	\$ 65.00
DS3 at OC-3 Node	SPRBX	120.00	110.00	150.00
EC-1 at OC-3 Node	S9NSX	120.00	110.00	150.00
OC-3 at OC-3 Node	S9T1X	350.00	300.00	550.00
DS3 at OC-12 Node	SPRCX	120.00	110.00	150.00
EC-1 at OC-12 Node	S9NUX	120.00	110.00	150.00
OC-3 or OC-3c at OC-12 Node	SPREX	150.00	135.00	190.00
DS1 at OC-12 Node ⁽¹⁾⁽²⁾	SPRGX	50.00	45.00	65.00
OC-12 at OC-12 Node	S9T2X	850.00	725.00	1,050.00

(N)

(N)

⁽¹⁾Optical to Electrical DS1 add/drop capability as described in 26.3(A)(5) is needed along with an OC-3 port.

⁽²⁾The Optical-to-Electrical DS1 add/drop capability will be charged when the 85th DS1 port is applied per OC-12 node.

(This page filed under Transmittal No. 130)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.4 Rates and Charges (Cont'd)(C) Ports (Cont'd)

Description	USOC	36 Months	60 Months	Monthly Extension
-Per Port (excluding Re-Map)				
OC-12 or OC-12c at OC-48 Node	SPRHX	375.00	360.00	475.00
OC-3 or OC-3c at OC-48 Node	SPRJX	150.00	135.00	190.00
DS3 at OC-48 Node	SPRKX	120.00	110.00	150.00
EC-1 at OC-48 Node	S9NVX	120.00	110.00	150.00
DS1 at OC-48 Node ⁽¹⁾	SPRLX	50.00	45.00	65.00
OC-48 at OC-48 Node	S9T3X	1,900.00	1,650.00	2,850.00
DS3 w/Transmux	S4NGX	250.00	200.00	300.00
100 Mbps Ethernet (STS-1) at OC-3 Node	S9TAX	145.00	130.00	225.00
100 Mbps Ethernet (STS-1) at OC-12 Node	S9TBX	145.00	130.00	225.00
100 Mbps Ethernet (STS- 3c) at OC-12 Node	S9TCX	180.00	160.00	280.00
1 Gbps Ethernet (STS-1) at OC-12 Node	S9TDX	250.00	200.00	350.00
1 Gbps Ethernet (STS-3c) at OC-12 Node	S9TEX	250.00	200.00	350.00
100 Mbps Ethernet (STS-1) at OC-48 Node	S9TGX	145.00	130.00	225.00
100 Mbps Ethernet (STS- 3c) at OC-48 Node	S9THX	180.00	160.00	280.00
1 Gbps Ethernet (STS-1) at OC-48 Node	S9TJX	250.00	200.00	350.00
1 Gbps Ethernet (STS-3c) at OC-48 Node	S9TKX	250.00	200.00	350.00
1 Gbps Ethernet (STS-12c) at OC-48 Node	S9TLX	600.00	500.00	875.00
1 Gbps Ethernet (STS-24c) at OC-48 Node	S9TMX	900.00	850.00	1500.00

(D)

⁽¹⁾Optical to Electrical DS1 add/drop capability as described in 26.3(A)(5) is needed along with an OC-3 port.

(D)
(D)

(This page filed under Transmittal No. 142)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.4 Rates and Charges (Cont'd)(C) Ports (Cont'd)

Description	USOC	36 Months	60 Months	Monthly Extension
- Per port (Re-Map) Per DS1 Re-Map Block (consists of 28 DS1 ports) at				
OC-3 Ring	P8RAX	1,400.00	1,260.00	1,820.00
OC-12 Ring	P8RGX	1,400.00	1,260.00	1,820.00
OC-48 Ring	P8RLX	1,400.00	1,260.00	1,820.00
Per DS3 Re-Map Port OC-3 Ring	P8RBX	120.00	110.00	150.00
Per DS3 Re-Map Block (consists of 3 DS3 ports) at				
OC-12 Ring	P8RCX	360.00	330.00	450.00
OC-48 Ring	P8RKX	360.00	330.00	450.00
Per DS3 Transmux Re-Map ⁽¹⁾	RN7TX	250.00	200.00	300.00
Per EC-1 Re-Map Port OC-3 Ring	S9N6X	120.00	110.00	150.00
OC-12 Ring	S9N8X	120.00	110.00	150.00
OC-48 Ring	S9N9X	120.00	110.00	150.00
Per OC-3, OC-3c Re-Map Port at				
OC-12 Ring	P8REX	150.00	130.00	190.00
OC-48 Ring	P8RJX	150.00	130.00	190.00
Per OC-12, OC-12c Re-Map Port at OC-48 Ring	P8RHX	375.00	350.00	475.00
Description	USOC	Nonrecurring Charge		

Nonrecurring charges for
subsequent installation

- Per port type

OC-48 or OC-48c	NRBN9	\$425.00
OC-12 or OC-12c	NRBSZ	400.00
OC-3 or OC-3c	NRBSW	400.00
EC-1	NRBSX	385.00
DS3	NRBSX	385.00
DS3 w/Transmux	NRBSX	385.00
DS1	NRBSY	350.00
100 Mbps Ethernet STS-1	NRM63	385.00
100 Mbps Ethernet STS-3c	NRM64	385.00
1 Gbps Ethernet STS-1	NRM65	425.00
1 Gbps Ethernet STS-3c	NRM66	425.00
1 Gbps Ethernet STS-12c	NRM67	425.00
1 Gbps Ethernet STS-24c	NRM68	425.00

⁽¹⁾ Available for rings established on or after 10/17/06.

(This page filed under Transmittal No. 142)

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)

(N)

26.4 Rates and Charges (Cont'd)(D) Mileage

Description	USOC	36 Months	60 Months	Monthly Extension
Per mile between nodes by ring type				
OC-3	1YAZX	\$260.00	\$220.00	\$330.00
OC-12	1YAZX	260.00	220.00	330.00
OC-48	1YAZX	260.00	220.00	330.00

(E) Optical to Electrical DS1 Add/Drop Capability

Description	USOC	36 Months	60 Months	Monthly Extension
Per OC-3 to DS1 Add/Drop	MXJDX	875.00	700.00	1,050.00
Re-Map				
Per OC-3 to DS-1 Add/Drop	M8RDX	875.00	700.00	1,050.00

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
-Per DS1 off OC-12, OC-48	NRBS6	\$490.00

(N)

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One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)26.4 Rates and Charges (Cont'd)(F) Dedicated SONET Ring Regenerator

Description	USOC	36 Months	60 Months	Monthly Extension
OC-3 Each (as required)	RGY	\$1,000.00	\$ 800.00	\$1,200.00
OC-12 Each (as required)	RGY	2,620.00	2,095.00	3,140.00
OC-48 Each (as required)	RGY	3,275.00	2,620.00	3,930.00

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation of Regenerator		
-Each (as required)	NRBS5	\$270.00

(G) Shared Network Arrangement

Description	USOC	Nonrecurring Charge
Processing Charge Per Service Order	NRMCL	\$30.00

(H) Installation and Rearrangement Charges

Description	Administrative Charge per Order	Design and Central Office Connection Charge, per Initial Ring
	USOC	ORCMX
OC-3		\$60.00
OC-12		60.00
OC-48		60.00
STS-1		60.00

(N)

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ACCESS SERVICE

26. Dedicated SONET Ring Service (Cont'd)

(N)

26.4 Rates and Charges (Cont'd)(I) Re-Map Service

Description	USOC	Nonrecurring Charge
Initial Service Script Establishment/ Test Charge		
Per OC-3 Ring	NRMR1	\$2,000.00
Per OC-12 Ring	NRMR1	3,500.00
Per OC-48 Ring	NRMR1	4,500.00
Subsequent Script Activity Charge		
Per OC-3 Ring	NRMR3	1,200.00
Per OC-12 Ring	NRMR3	2,100.00
Per OC-48 Ring	NRMR3	2,700.00
Scheduled Test Charge		
Per OC-3 Ring	NRMR5	1,600.00
Per OC-12 Ring	NRMR5	2,800.00
Per OC-48 Ring	NRMR5	3,600.00
Emergency Re-Map Activation -per request		
Per OC-3 Ring	NRMR7	1,800.00
Per OC-12 Ring	NRMR7	3,150.00
Per OC-48 Ring	NRMR7	4,050.00

(N)

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ACCESS SERVICE

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ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service27.1 General Description(A) Basic Service Description

OC-192 Dedicated SONET Ring Service is a 9.953 Gbps transport service. OC-192 is designed for transport of lower speed services, e.g. DS3, OC-3 or OC-3c, OC-12 or OC-12c, OC-48 or OC-48c and 1 Gbps Ethernet. The dedicated ring is designed to provide increased reliability and functionality by connecting multiple customer locations and specified Telephone Company Central Offices (COs) via self-healing Bi-directional Line Switched Rings (BLSR). OC-192 is a logical extension of the existing SONET products OC-3, OC-3c, OC-12, OC-12c, OC-48 and OC-48c.

The dedicated ring can connect multiple (between 2 and 16) customer designated locations and Telephone Company COs, as described in Section 27.1(B)(1), following, where SONET facilities and equipment are available.

Rate elements include nodes, ports, mileage, regenerators, and add/drop capability. Rates are specified in 27.4, following.

Rates and charges for OC-192 Dedicated SONET Ring Service are set forth in Section 27.4, following, with the exception of the services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. The rates and charges for the OC-192 Dedicated SONET Ring Service in the MSAs that have received Phase II pricing flexibility are set forth in Section 22.

(D)

(D)

(This page filed under Transmittal No.121)

ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)

(N)

27.1 General Description (Cont'd)(B) Service Provisioning(1) Manner of Provisioning

All customers will be served from the nearest suitably equipped end office. Information pertaining to end offices equipped to provide OC-192 Dedicated SONET Ring Service is set forth in the National Exchange Carrier Association, Inc. (NECA) Tariff F.C.C. No. 4. OC-192 Dedicated SONET Ring Service will be provided subject to the availability and limitations of the Telephone Company's wire centers and outside plant facilities. OC-192 Dedicated SONET Ring Service is only available where technical capabilities permit such facility distance and type of physical plant. Where facilities are not available, Special Construction charges may apply.

(2) Limitations

The Telephone Company does not undertake to originate data, but offers the use of its OC-192 Dedicated SONET Ring Service, where available, to customers for the purpose of transporting data originated by the customer or a third party.

Unprotected services may be interrupted to repair other circuits. In cases where the customer orders OC-192 Dedicated SONET Ring Service with an unprotected 2-fiber service interface, the Telephone Company may provision this unprotected service, with other unprotected services, via a multi-port circuit card. If one unprotected service on the card incurs an outage, the Telephone Company may repair the 2-fiber service interface device by replacing the card, which may temporarily interrupt service on any other unprotected tributary circuits that subtend this same multi-port circuit card. In the event of a service interruption, credit allowance will be provided for the service that suffered the unplanned outage, as outlined in Section 27.1(3), following.

The Telephone Company will maintain and repair the OC-192 Dedicated SONET Ring Service which it furnishes, and will provide the customer reasonable notification of service affecting activities that may occur in the normal operation of business.

(N)

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ACCESS SERVICE

(N)

27. OC-192 Dedicated SONET Ring Service (Cont'd)27.1 General Description (Cont'd)(B) Service Provisioning (Cont'd)(3) Allowance for Service Interruptions

Dedicated Rings provide Automatic Protection Switching to assure 100 percent availability of the services on the ring. A service interruption will result in a credit equal to one month's bill for the individual port-to-port connection involved. An interruption of service will start when an inoperative service is reported to the Telephone Company and end when the service is operative. In any month, as a result of an interruption, the total credit per rate element of the interrupted service may not exceed 100 percent of the monthly charge for that particular rate element.

In the event that protected facilities do not exist, including dual entrance facilities, and the customer does not utilize Special Construction to provide protected facilities, the unprotected OC-192 ring will be provided. The SONET Assurance Warranty states that if any unavailability caused by the Telephone Company is experienced and reported by a customer, the Telephone Company will not rebate the service monthly recurring charge.

(C) Responsibility of The Telephone Company

The Telephone Company will provision and maintain OC-192 Dedicated SONET Ring Service for the customer up to and including the Network Interface (NI).

(D) Rights of The Telephone Company

The Telephone Company will not provision OC-192 Dedicated SONET Ring Service if it has reasonably determined that (a) it is not technically feasible over existing facilities, or (b) it will cause interference problems within The Telephone Company's network or other facilities.

(E) Responsibility of Customer

The customer is responsible for providing compatible customer provided equipment (CPE) to be used for connection to OC-192 Dedicated SONET Ring Service.

(N)

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ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)27.2 Technical Specifications

Technical specifications for OC-192 Dedicated SONET Ring Service are listed in the following Telephone Company technical publications:

- (1) AM TR-TMO-000101 Ameritech Digital Service Transmission Parameters for Performance
- (2) AM TR-NIS-000111 Ameritech OC-3, OC-12, OC-48 and OC-192 Service Interface Specifications
- (3) TP 76839 SONET Transmission Requirements Performance and Interface Specification
- (4) SBC-TP-76412-000 Customer Interface Standards for 100 Mbps and Higher Excluding SONET Interfaces

27.3 Rate Regulations(A) Rate Elements(1) Nodes

The ring will provide connectivity to multiple customer designated locations (nodes). However, a ring must have a minimum of two nodes. At least one node must be a Telephone Company CO node. A maximum of 16 nodes, including regenerators, will be allowed per ring. The Telephone Company reserves the right to determine the order of the nodes on the ring⁽¹⁾.

When a customer premises node is located in the same building as a CO node, diversity between the two nodes may not be available.

If a customer collocates two customer premises nodes of the same speed, on the same dedicated ring, on the same premises, the additional node will be billed as shown in 27.4, following. This option does not guarantee diversity between these two collocated nodes and the rest of the ring.

The customer will be billed time and material, as set forth in Section 13, for any additional charges incurred by the Telephone Company in locating Telephone Company equipment at the customer premises.

(i) Re-Map Node

A Re-Map node is a ring node that is pre-equipped and dedicated to customer traffic that is re-mapped/re-routed to it by the Telephone Company (upon notification by the customer of a service outage at another customer premises node on the same dedicated ring).

Re-Map is designed as a temporary service for disaster recovery purposes only. No "normal" customer traffic will be added/dropped at the Re-Map node unless the Re-Map service is activated.

(N)
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(N)

⁽¹⁾ A ring node providing an OC-48 connection to a collocation cage can be considered a customer premise node.

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ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)27.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)(2) Add/Drop Capability

This provides the capability to add/drop lower speed channels from an OC-192 Dedicated SONET Ring Service node location via OC-48 or OC-12 ports. OC-192 Add/Drop Capability at an OC-192 Dedicated SONET Ring Service node location will support various combinations of service traffic not to exceed 192 STS-1 equivalents, contingent upon limitations of drop port capacity.

(3) Ports

Ports provide access to the ring and to lower speed channels (DS3, EC-1, OC-3, OC-3c, OC-12, OC-12c, OC-48, OC-48c, OC-192, 100 Mbps (STS-1) Ethernet, 100 Mbps (STS-3c) Ethernet, 1 Gbps (STS-1) Ethernet, 1 Gbps (STS-3c) Ethernet, 1 Gbps (STS-12c) Ethernet and 1 Gbps (STS-24c) Ethernet) between nodes. Lower speed channels are accessible at nodes via port terminations.

(N)

Ethernet over SONET (EoS) allows the efficient transport of Ethernet frames using SONET. Ethernet ports will be available in bandwidths up to the Ethernet interface of 100 Mbps or 1 Gbps on SONET Ring Services as set forth in respective tariffs. As SONET bandwidths will be preset, the customer will be unable to transmit data (including any bursts) beyond these preset SONET bandwidths. Interfaces of 100 Mbps Ethernet or 1 Gbps Ethernet are available only to customers with Next Generation SONET equipment. Access into the Telephone Company's Ethernet ports must conform to industry standards and specifications as described in technical publication SBC-TP-76412-000.

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ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)27.3 Rate Regulations (Cont'd)(A) Rate Elements (Cont'd)(3) Ports (Cont'd)

Accepted interfaces are as follows:

	OC-192 Node
DS1 Ports	x(Max.84/OC-3Port)
DS3 Ports	x(Max.192/Node)
EC-1 Ports	x(Max.192/Node)
OC-3, OC-3c Ports	64
OC-12, OC-12c Ports	16
OC-48, OC-48c Ports	4
OC-192 Ports ⁽¹⁾	x(Max.1/Node)
100 Mbps (STS-1) Ethernet Ports	48
100 Mbps (STS-3c) Ethernet Ports	16
1 Gbps (STS-1) Ethernet Ports	32
1 Gbps (STS-3c) Ethernet Ports	16
1 Gbps (STS-12c) Ethernet Ports	2
1 Gbps (STS-24c) Ethernet Ports	2

(N)
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OC-3, OC-3c, OC-12, OC-12c, OC-48 and OC-48c ports may be ordered at CO nodes. Both are available for Service-to-Service Through Connect with Broadband Circuit Service (BCS)* or Optical Carrier Network Point-to-Point Service as set forth in Section 21.

(4) Mileage

Mileage is charged as specified in Section 7.2.1(B). Fractions of a mile are rounded up to the whole mile for rate calculations. A one-mile minimum will be billed between nodes. A two-node ring configuration has a two-mile minimum, one mile from the wire center node to the customer premises node, and one mile from the customer premises node to the wire center node.

(5) Ring Regenerator

Regenerators provide essential detection and retransmission of the SONET Optical 9.953 Gbps signal between nodes. Regenerators will only be provided as required by the Telephone Company when actual fiber facility distances between nodes exceed inter-nodal design limits. Regenerators will be located exclusively in Telephone Company COs, and do not allow ports to access customer service connections.

(6) Electrical Connection - Level 1 (EC-1)

EC-1 is an electrical interface that can transport up to 51.84 Mb of bandwidth in a concatenated format. The EC-1 port is available on an OC-3, OC-12, OC-48 and OC-192 ring. For the above connection capacity charts, the quantity of EC-1 ports is equivalent to the connection capacity of a DS-3.

(N)
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(N)

*Effective, January 11, 2002, BCS will no longer be available to customers. Grandfathered BCS Customers will maintain their existing service arrangement until their contract expires unless they choose to convert to another service. No changes to existing BCS service arrangements will be permitted, nor will any renewals be allowed.

(1) OC-192 and OC-192c ports support both OC-192 and OC-192c bandwidths.

(N)

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ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)

27.3 Rate Regulations (Cont'd)

(B) Dedicated Ring Connection Capacity

Maximum transport capacity of OC-192 Dedicated SONET Ring Service is characterized by the total quantity of individual port-to-port connections allowed between all nodes on the ring.

For OC-192 Dedicated SONET Ring Service, the maximum ring capacity between adjacent nodes is not to exceed 96 STS-1 equivalents.

OC-192 Dedicated SONET Ring Service will provide capability for node-to-node connection of STS-1 or STS-3c channels using OC-3, OC-3c, OC-12, OC-12c, OC-48, OC-48c, 100 Mbps Ethernet or 1 Gbps Ethernet ports on the OC-192 ring. (N)

OC-192 Dedicated SONET Ring Service will provide capability for node-to-node connections of STS-12c channels using OC-12, OC-12c, OC-48, OC-48c or 1 Gbps Ethernet ports on the OC-192 ring.

OC-192 Dedicated SONET Ring Service will provide capability for node-to-node connections of STS-48c channels using OC-48 or OC-48c ports on the OC-192 ring.

(This page filed under Transmittal No. 121)

ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)27.3 Rate Regulations (Cont'd)(C) Term Pricing Plan(1) General Description

OC-192 Dedicated SONET Rings are available for either three or five year Term Pricing Plan (TPP) periods. Monthly recurring charges apply for the nodes, ports and mileage.

(2) Nonrecurring Charges

Nonrecurring Charges, including the Administrative Charge as set forth in 27.4, following, will apply for those arrangements ordered under the OC-192 Dedicated Ring TPP.

(3) Rate Flow Through

Any decreases in recurring tariff rates will be passed on to customers who participate in the TPP. The Telephone Company will notify customers participating in the TPP when monthly rates are decreased.

Should the Telephone Company increase its rates during the TPP period, the customer will pay the increased rates as long as the increase does not exceed the original tariffed rate in effect at the time the customer established service under the TPP.

(4) Subsequent Activity on the Ring

If new rate elements, as described in Section 27.3(A), are added after the initial installation of the dedicated ring, the new rate element will carry the same TPP rate as the initial ring. All new rate element's terms will be independent of the term of the initial ring. If a new rate element is added during the last 12 months or less of a TPP, the customer will be billed the initial TPP ring rate for a minimum period of 12 months. If the ring is disconnected before the new rate element's term expires, termination liability for that new rate element will apply.

(T)

(5) TPP Renegotiation

The customer may choose to terminate an existing TPP at any time prior to the end of the three or five year period, and negotiate a new TPP without termination liability, provided the new TPP meets the following requirements:

(a) The minimum period for the new TPP must be greater than the remaining period currently in effect, and

(b) The renegotiated TPP will be based on the current rates.

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ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)

(N)

27.3 Rate Regulations (Cont'd)(C) Term Pricing Plan (Cont'd)(5) TPP Renegotiation (Cont'd)

When the customer converts to a new TPP, actual time in service for the original TPP will be applied. However, no credits or refunds will apply for the billing of actual time in service for the previous TPP.

(6) Renewal

The customer must provide the Telephone Company with a written notice of intent to renew a TPP no later than 60 days prior to its expiration.

The customer will continue to be billed at the current TPP rates.

If the customer does not renew the TPP, or does not notify the Telephone Company of its intent to renew the TPP, the customer's service will convert to the Monthly Extension rate as set forth in 27.4, following, until the customer cancels or renews the service with a new TPP term. Monthly Extension Rates are not available to new subscriptions.

(N)

(This page filed under Transmittal No. 118)

ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)

(N)

27.3 Rate Regulations (Cont'd)(C) Term Pricing Plan (Cont'd)(7) Termination of Service

If a customer cancels a service order or terminates services before the completion of the term for any reason whatsoever other than a service interruption, the customer agrees to pay to the Telephone Company termination liability charges, which are defined below. These charges shall become due and owing as of the effective date of the cancellation or termination, and are payable within 30 days of the invoice date, subject to interest penalty on the unpaid balance.

Customer's termination liability for cancellation of service shall be equal to:

- (a) all waived and/or unpaid nonrecurring charges, plus
- (b) 50% of all recurring charges for the balance of the customer's term.

(D) Moves(1) Moves within a Customer's Premises

A move involves a change in the physical location of the Point of Termination on the customer's premises. Such moves will be treated as an extension of OC-192 Ring facilities. Extension of OC-192 Ring facilities will be provided, at the customer's request, on a time-sensitive charge basis. The labor rates that apply are set forth in Section 13, preceding (Rates and Charges). There will be no change in the TPP term requirements.

(N)

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ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)

(N)

27.3 Rate Regulations (Cont'd)(D) Moves (Cont'd)(2) Moves of OC-192 Dedicated Ring Nodes

Moves of OC-192 Dedicated Ring nodes will be provided, at the customer's request, on a time-sensitive charge basis. The charge will not exceed the Nonrecurring Charge for subsequent installation, as specified in Section 27.4(A), for the specific OC-192 Dedicated Ring node being modified. The labor rates that apply are set forth in Section 13, preceding (Rates and Charges). Where facilities are not available, Special Construction charges may apply. No change in billing period is required. Termination charges will not apply to moves of OC-192 Dedicated Ring nodes.

(E) Upgrade to OC-192 Dedicated SONET Ring Service from lower speed services

Customers with three or five year Term Payment Plans (TPP) may at any time upgrade from OC-48 to OC-192 Dedicated SONET Ring Service, without incurring the Termination Liability charge, providing the following criteria are met:

- (1) The customer subscribes to a Term Pricing Plan period that is equal to, or greater than, 36 months;
- (2) The expiration date for the new Term Pricing Plan period is beyond the end of the original TPP period;
- (3) No lapse in service occurs;
- (4) Nonrecurring Charges will apply, when applicable;
- (5) The monthly rates for the new service(s) will be those rates in effect at the time the new service(s) is/are installed;
- (6) The new service is provided between the same customer locations and with the same customer of record as the disconnected service;
- (7) The original location of all nodes must be included in the new service.
- (8) Billed recurring revenue for each month of the first eighteen months of the new service is equal to or greater than the billed recurring revenue for the last month of the service(s) being converted;
- (9) Customer agrees not to convert the new service TPP to a pricing plan with a lower rate for the period of eighteen months after the conversion; and
- (10) Spare facilities and equipment must be available or a nonrecurring upfront payment, which is a Special Construction Charge, may apply.

(F) Migration onto OC-192 Dedicated SONET Ring Service

Billing for the OC-192 Dedicated SONET Ring service will commence upon service order completion for all rate elements. Billing for the existing OC-48 Ring service will continue until the migration of all circuit services on to the new OC-192 Ring is complete, at which time the OC-48 Ring service may be disconnected.

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(N)

ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)27.3 Rate Regulations (Cont'd)(G) Shared Network Arrangement⁽¹⁾

(C)

Shared Network Arrangement is a service offering that enables a customer ("Service User") to connect subtending services to an OC-192 Dedicated SONET Ring service of another customer (the "Host Subscriber"), with the Telephone Company maintaining separate billing for each. Each customer will be billed for those rate elements associated with their own portion of the service configuration. The Host Subscriber will be responsible for all OC-192 Dedicated SONET Ring Service rate elements, for example, node, ports and mileage, etc. Under no circumstances will the rates or charges for individual rate elements be split.

This offering is limited to service configurations where a Service User orders a subtending service dropped from a Host Subscriber's OC-192 Dedicated SONET Ring wire center node. Under Shared Network Arrangement, the Telephone Company may share record information with the Host Subscriber pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the Telephone Company and is necessary to perform billing reconciliation and/or other functions required in connection with maintaining account records.

(H) Shared Use

Shared Use occurs when Switched Access and Special Access services are provided over the same analog or digital high capacity facility or SONET based service through a common interface. The regulations governing the provision of Shared Use are set forth in 6.7.12 and 7.2.7, preceding.

While Shared Use of SONET facilities (i.e., OC-192 Dedicated SONET Ring Service) for Switched Access Transport is permitted, the SONET Special Access facilities continue to be rated as Special Access.

(1) Effective 05/26/06, this regulation is limited to existing customers. For new customers purchasing Shared Network Arrangement, terms and conditions set forth in Section 5.2 (D), will apply.

(N)
(N)
(N)

(This page filed under Transmittal No. 128)

ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)27.3 Rate Regulations (Cont'd)(I) Optical-to-Electrical Add/Drop Capability

(T)

1. The Optical-to-Electrical DS-1 allows an electrical DS-1 to be derived from an optical OC-192 ring by using this capability to add/drop the electrical DS-1 from an OC-3.

(N)
(N)
(N)

Effective 06/10/06, DS-1 Optical-to-Electrical Add/Drop Capability will be available from an optical OC-192 shelf.

The Optical-to-Electrical DS-1 Add/Drop Capability charge is applied when the 29th DS-1 port is required per OC-48 or OC-192 node. Additional charges will apply per each subsequent increment of 84 DS-1 ports.

(N)
(N)

2. The Optical-to-Electrical DS-3 Add/Drop Capability allows an electrical DS3 to be derived from an optical OC-3, OC-12, OC-48 or OC-192 shelf. The manner in which a DS3 is dropped will be designed based on forecast and equipment hierarchy.

(T)

(J) Re-Map Service

Re-Map Service is provided in conjunction with Dedicated SONET Ring Service and allows for a pre-defined set of services to be re-routed by the Telephone Company from one customer premises node to another customer premises node (defined as a "Re-Map node") in the event of a customer premises disaster. Re-Map service will be tested at initial installation and once each year thereafter. Additional testing can be requested and will be charged on a per test basis. Activation upon customer request in the event of an emergency will be charged on a per occurrence basis.

Once the customer notifies the Telephone Company that they are ready to receive signals to the Re-Map node site, the Telephone Company will Re-Map up to 50 circuits within the initial hours and 20 circuits every hour thereafter. The Emergency Activation Nonrecurring Charge will not be applied if the first 50 circuits are not Re-Mapped within 4 hours due to a Telephone Company-caused delay.

Re-Map testing and activation for OC-192 service requires a minimum of one DS1 (VT1.5), or 1 DS3 (STS-1) between one customer premises node and the Re-Map node. Re-Map testing or activation for OC-12 or OC-48 service requires a minimum incremental group from 1 to 28 DS1s or one DS3 (equals one STS-1) between one customer premises node and the Re-Map node.

The emergency Re-Map activation configuration will be maintained for up to 30 days. After 30 days, if the customer wishes to maintain the emergency configuration, the Emergency Activation Nonrecurring Charge will be applied once for each 30 day additional period.

Re-Map Service is available on Self-Healing Uni-Directional Path Switched Rings (UPSR) only.

(K) STS-1 Service

The STS-1 circuit allows the efficient transport of up to 51.84 Mbps of bandwidth across Dedicated SONET Ring utilizing EC-1 (Electrical Connection - Level 1) ports on the dedicated service. While the EC-1 port is comparable to the DS-3 port as far as the connection capacity per STS, the STS-1 circuit utilizes the entire bandwidth of the STS (51.84 Mbps) while the DS-3 uses 44.76 Mbps of the STS. The STS-1 circuit is available via EC-1 ports on an OC-192 ring.

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ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)27.4 Rates and Charges(A) Nodes

Description	USOC	3 year	5 Year	Monthly Extension
- Customer Premises				
First	GP5AX	\$19,800.00	\$14,400.00	\$33,000.00
First Re-Map	RNFAX	19,800.00	16,000.00	33,000.00
Additional	GP5AA	17,800.00	13,000.00	29,475.00
Additional Re-Map	RNFAX	17,800.00	14,200.00	29,475.00
- Central Office	GC5AX	17,800.00	13,000.00	29,475.00

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
- Per Node		
Customer Premises	NRBS7	\$400.00
Customer Premises Re-Map	NRBS7	400.00
Central Office	NRBSV	325.00

(B) Add/Drop Capability

Description	USOC	3 year	5 Year	Monthly Extension
Per Arrangement	MXRGX	\$4,500.00	\$3,240.00	\$7,000.00
- (per node) ⁽¹⁾ not to exceed any configurable combination of ports beyond 192 STS-1 equivalents				
- Re-Map ⁽²⁾	M8RGX	\$4,500.00	\$3,600.00	\$7,000.00

(C) Ports

Description	USOC	3 year	5 Year	Monthly Extension
- Per Port				
DS1	S9QWX	50.00	45.00	65.00
DS3	S9QGX	120.00	110.00	150.00
DS3 w/Transmux ⁽²⁾	S4NGX	250.00	200.00	300.00
EC-1	S9TZX	120.00	110.00	150.00
OC-3, OC-3c	S9NEX	135.00	120.00	225.00
OC-12, OC-12c	S9NGX	325.00	300.00	550.00
OC-48, OC-48c	S9NJX	825.00	760.00	1,425.00
OC-192 at OC-192 Node	S9T4X	3,300.00	3,000.00	5,700.00
100 Mbps Ethernet (STS-1) at OC-192	S9TNX	145.00	130.00	225.00
100 Mbps Ethernet (STS-3c) at OC-192	S9T0X	180.00	160.00	280.00
1 Gbps Ethernet (STS-1) at OC-192	S9TPX	250.00	200.00	350.00
1 Gbps Ethernet (STS-3c) at OC-192 node*	S9TQX	250.00	200.00	350.00
1 Gbps Ethernet (STS-12c) at OC-192 node*	S9TRX	600.00	500.00	875.00
1 Gbps Ethernet (STS-24c) at OC-192 node*	S9TSX	900.00	850.00	1,500.00

⁽¹⁾ The OC192 Add/Drop Capability charge is applied to all nodes, excluding regenerators.⁽²⁾ Available for rings established on or after 10/17/06.

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ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)27.4 Rates and Charges (Cont'd)(C) Ports (Cont'd)

Description	USOC	36 Months	60 Months	Monthly Extension	
- Per port (Re-Map) Per DS1 Re-Map Block (consists of 28 DS1 ports) at OC-192 Ring	RN76X	\$1400.00	\$1260.00	\$1820.00	
Per DS3 Re-Map Block (consists of 3 DS3 ports at OC-192 Ring	RN77X	360.00	330.00	400.00	
Per DS3 Re-Map Port at OC-192 Ring	RN71X	120.00	110.00	150.00	
Per DS3 Transmux Re-Map ⁽¹⁾	RN7TX	200.00	250.00	300.00	(N)
Per EC-1 Re-Map Port at OC-192 Ring	S4NMX	120.00	110.00	150.00	
Per OC-3 Re-Map Port at OC-192 Ring	RN72X	150.00	135.00	190.00	
Per OC-12 Re-Map Port at OC-192 Ring	RN73X	375.00	360.00	475.00	
Per OC-48 Re-Map Port at OC-192 Ring	RN74X	825.00	700.00	1425.00	

Description	USOC	Nonrecurring Charge	
Nonrecurring charges for subsequent installation			
- Per port type			
DS1	NRBSY	\$350.00	
DS3	NRBSX	385.00	
DS3 w/Transmux ⁽¹⁾	NRBSX	385.00	(N)
EC-1	NRBSX	385.00	
OC-3, OC-3c	NRBSW	400.00	
OC-12, OC-12c	NRBSZ	400.00	
OC-48, OC-48c	NRBN9	425.00	
OC-192	NRBN2	750.00	
100 Mbps Ethernet (STS-1) at OC-192 node	NRM63	385.00	
100 Mbps Ethernet (STS-3c) at OC-192 node	NRM64	385.00	
1 Gbps Ethernet (STS-1) at OC-192 node	NRM65	385.00	
1 Gbps Ethernet (STS-3c) at OC-192 node	NRM66	425.00	
1 Gbps Ethernet (STS-12c) at OC-192 node	NRM67	425.00	
1 Gbps Ethernet (STS-24c) at OC-192 node	NRM68	425.00	

⁽¹⁾ Available for rings established on or after 10/17/06.

(N)

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ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)27.4 Rates and Charges (Cont'd)(D) Mileage

Description	USOC	3 Year	5 Year	Monthly Extension
Per mile between nodes ⁽²⁾	1YAZX	\$260.00	\$210.00	\$330.00

(E) Ring Regenerator

	USOC	3 Year	5 Year	Monthly Extension
Each (as required)	RGY	\$9,250.00	\$7,000.00	\$13,875.00

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation of Regenerator - Each (as required)	NRBS5	\$270.00

(F) Shared Network Arrangement

Description	USOC	Nonrecurring Charge
Processing Charge Per Service Order	NRMCL	\$30.00

(G) Installation and Administrative Charges

Description	USOC	Nonrecurring Charge
STS-1 Service	ORCMX	\$60.00
Administrative Charge per Service Order	ORCMX	60.00
Design and Central Office Connection Charge, per Initial Ring	NRMCK	2,250.00 ⁽¹⁾

(1) Per Ring Charge for Dedicated Ring Service is applied once per original ring installed.

(2) A two-node ring configuration has a two-mile minimum, one mile from the CO node to the customer premise node, and one mile from the customer premise node to the CO node.

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(N)

ACCESS SERVICE

27. OC-192 Dedicated SONET Ring Service (Cont'd)27.4 Rates and Charges (Cont'd)(G) Installation and Administrative Charges (Cont'd)

Description	USOC	Nonrecurring Charge
Re-Map Service		
Initial Service Script Establishment/ Test Charge	NRMR1	\$5,500.00
Subsequent Script Activity Charge	NRMR3	3,200.00
Scheduled Test Charge	NRMR5	4,200.00
Emergency Re-Map Activation (per request)	NRMR7	5,000.00

(H) Optical-to-Electrical Add/Drop Capability

Description	USOC	36 Months	60 Months	Monthly Extension
Per Arrangement ⁽¹⁾ - per node) not to exceed any configurable combination of ports beyond 192 STS-1 equivalents	MXJGX	\$2,500.00	\$2,000.00	\$3,500.00
- Re-Map ⁽²⁾ Per Optical to Electrical DS-3 Add/Drop Capability	M6JGX	\$2,500.00	\$2,000.00	\$3,500.00
Per OC-3 to DS-1 Add/Drop ⁽³⁾	MXJDX	875.00	700.00	1,050.00
Re-Map Per OC-3 to DS-1 Add/Drop ⁽³⁾	M8RDX	875.00	700.00	1,050.00

(N)
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(N)

Description	USOC	Nonrecurring Charge
Subsequent Installation Per OC-3 to DS-1 Add/Drop	NRBS6	\$490.00
Subsequent Installation Optical/Electrical of DS3 Add/Drop	NRBS8	490.00

(N)
(N)
(N)

⁽¹⁾ When electrical drops are required, the Optical-to-Electrical Add/Drop Capability charge is applied in addition to the Add/Drop Capability charge set forth in Section 27.4(B), preceding.

⁽²⁾ Available for rings established on or after 10/17/06.

⁽³⁾ An OC-3 port charge is needed with each Optical-to-Electrical Add/Drop Capability - Per OC-3 to DS-1 Add/Drop.

(N)
(N)
(N)

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