

BELLSOUTH
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TENNESSEE
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BY: Joelle Phillips, President - Tennessee
Nashville, Tennessee

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

CONTENTS

E6.1	General	1	(D)
			(D)
E6.2	Provision And Description Of BellSouth SWA Service Arrangements	1.0.1	(T)
			(D)
E6.3	Local Switching Optional Features	1.1	(T)
			(D)
E6.7	Rate Regulations	1.1	(T)
			(D)
E6.8	Rates and Charges	2	(T)
			(D)
			(D)

BELLSOUTH
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Third Revised Page 1.1
Cancels Second Revised Page 1.1

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E6. BELLSOUTH SWA SERVICE

CONTENTS

(D)

(D)

BELLSOUTH
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Cancels Seventeenth Revised Page 2

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E6. BELLSOUTH SWA SERVICE

CONTENTS

(D)

(D)

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E6. BELLSOUTH SWA SERVICE

This section concurs in BellSouth Telecommunications, LLC's (BST's) Tariff FCC No. 1, Section 6, which can be accessed via the following hypertext link:

<http://cpr.att.com/pdf/fcc/1006.pdf>

Exceptions to this concurrence of BellSouth Telecommunications, LLC's (BST's) Tariff FCC No. 1, Section 6, are as listed below. The following cited exceptions relate to that specific section in the interstate Tariff FCC No. 1.

E6.1 General

E6.1.1 BellSouth SWA Service Arrangements and Manner of Provision

E6.1.1 (A) BellSouth SWA FGA

BellSouth SWA FGA service, which is available to all customers, provides line side access to Company end office switches with an associated seven digit local telephone number for the use in originating communications and terminating communications to an Interexchange Carrier's intrastate service or a Company-provided, end-office based, intrastate private network switching service. When a customer certifies that it is providing an intrastate, interLATA private network switching function for the end user at its terminal location, the end user may order BellSouth SWA FGA for off-network access. Otherwise, the customer may order such access. An end user is restricted to ordering BellSouth SWA FGA for off-network access associated with private network switches. Additionally BellSouth SWA FGA FX/ONAL type services will be billed directly to the end user (subscriber) of these services. Customers are not restricted and in addition to the off-network access capability, customers can order BellSouth SWA FGA in connection with providing interLATA foreign exchange service and MTS-like service. When associated with a Company-provided, end-office based private network switch, end users must order BellSouth SWA FGA for off-network access. When BellSouth SWA FGA service is ordered by an end user for use with a Company provided private network switch, the end user must specify the customer that provides the interLATA links of the private network service. If an end user provides the interLATA links of its private network, the end user may order BellSouth SWA FGA for off-network access. A more detailed description of BellSouth SWA FGA is provided in E6.2.1 of Tariff FCC No 1.

The Company will bill BellSouth SWA FGA FX/ONAL type service directly to the customer's end user, and the end user will be subject to the deposit, payment and credit arrangements as specified in E2.4.1 of this intrastate access tariff.

E6.1.1 (J) BellSouth Local Number Portability Database Services do not apply to the intrastate jurisdiction.

E6.1.3 Rate Categories

E6.1.3 (A) BellSouth SWA Transport

E6.1.3 (A) (1) Switched Local Channel

In addition to the language in Tariff FCC No. 1, the following also applies to the intrastate jurisdiction. A Switched Local Channel charge will be applicable when associated with services ordered by end users which are utilizing a Company-provided, end office based private network switching system. The Switched Local Channel can provide a transmission path between an interstate BellSouth Switched Expanded Interconnection Arrangement and a Telephone Company end office switch (Intraoffice BellSouth SWA DS1 or BellSouth SWA DS3) when a BellSouth Switched Expanded Interconnection Arrangement is purchased from Tariff FCC No 1. This Switched Local Channel is provided as BellSouth SWA DS1 and/or BellSouth SWA DS3 capacity and is assessed a monthly fixed charge based on the capacity ordered by the Interconnecting Customer.

E6.1.3 (A) BellSouth SWA Transport

E6.1.3 (A) (6) Interface Group Arrangements

E6.1.3 (A) (6) (c) Interface Group 3 is not applicable to the intrastate jurisdiction.

E6.1.3 (A) (6) Interface Group Arrangements

E6.1.3 (A) (6) (i) CCS7 Signaling Connection Premises Interface Codes

ATM circuit emulation connecting to FGD trunks is not applicable to the intrastate jurisdiction.

E6.1.3 (A) (7) Optional Features

E6.1.3 (A) (7) (k) SWA BellSouth Customer Network Management Service Optional Feature

Customer Network Management Service Optional Feature is not available in the intrastate jurisdiction.

E6.1.3 (A) (10) BellSouth Dedicated Ring

E6.1.3 (A) (10) (j) Surveillance (per Node, per BellSouth Dedicated Ring) is not applicable to the intrastate jurisdiction.

E6.1.3 (F) BellSouth Local Number Portability Database Services do not apply to the intrastate jurisdiction.

BELLSOUTH
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E6. BELLSOUTH SWA SERVICE**E6.1 General (Cont'd)****E6.1.9 BellSouth Cross Connect Service**

Intra-Office Collocation Cross Connect Service is not available in the intrastate jurisdiction.

E6.2 Provision and Description of BellSouth SWA Service Arrangements**E6.2.1 BellSouth SWA FGA****E6.2.1 (A) Description**

E6.2.1 (A) (2) In addition to the language in Tariff FCC No. 1, the following also applies to the intrastate jurisdiction. BellSouth SWA FGA is provided in connection with Company-selected offices. The availability of the BellSouth SWA FGA will be limited to those switches capable of recording originating and terminating usage. BellSouth SWA FGA service arrangements served from switches that lack the required recording capability as of January 1, 1984, will be left in place. New arrangements and additions to existing arrangements will only be available from switches with measurement capability. At the option of the customer, BellSouth SWA 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. BellSouth SWA FGA is arranged for use by the customer in the provision of its FX/ONAL service or MTS/WATS-type service customer.

E6.2.1 BellSouth SWA FGA**E6.2.1 (B) Optional Features**

E6.2.1 (B) (2) Common Switching Optional Features for use with WATS Access Lines (a.k.a. BellSouth SPA WATS Lines) are not available in the intrastate jurisdiction.

E6.2.2 BellSouth SWA FGB**E6.2.2 (B) Optional Features**

E6.2.2 (B) (2) Common Switching Optional Features for use with WATS Access Lines (a.k.a. BellSouth SPA WATS Line) are not available in the intrastate jurisdiction.

E6.2.4 BellSouth SWA FGD**E6.2.4 (A) Description**

E6.2.4 (A) (12) Government Emergency Telecommunications Service is not applicable to the intrastate jurisdiction.

E6.2.4 (B) Optional Features**E6.2.4 (B) (1) Common Switching Optional Features**

E6.2.4 (B) (1) (f) International Carrier Option is not applicable to the intrastate jurisdiction.

E6.2.4 (B) (1) (m) Carrier Identification Parameter (CIP) is not applicable to the intrastate jurisdiction.

E6.2.6 BellSouth SWA 900 Service is not applicable to the intrastate jurisdiction.

E6.2.7 BellSouth SWA (LSBSA)**E6.2.7 (A) Description**

E6.2.7 (A) (1) In addition to the language in Tariff FCC No. 1, the following also applies to the intrastate jurisdiction. At the option of the customer, BellSouth SWA LSBSA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. BellSouth SWA LSBSA is arranged for use by the customer in the provision of its FX/ONAL service or MTS/WATS-type service customer.

E6.2.7 (B) Optional Features and Basic Service Elements

E6.2.7 (B) (3) Common Switching Optional Features for use with WATS Access Lines (a.k.a. BellSouth SPA WATS Lines) are not available in the intrastate jurisdiction.

E6.2.8 BellSouth SWA TSBSA**E6.2.8.1 BellSouth SWA TSBSA 1****E6.2.8.1 (B) Optional Features and Basic Service Elements**

E6.2.8.1 (B) (3) Common Switching Optional Features for use with WATS Access Lines (a.k.a. BellSouth SPA WATS Lines) are not available in the intrastate jurisdiction.

E6.2.8.3 BellSouth SWA TSBSA 3**E6.2.8.3 (B) Optional Features****E6.2.8.3 (B) (1) Common Switching Optional Features**

E6.2.8.3 (B) (1) (e) International Carrier Option is not applicable to the intrastate jurisdiction

E6.2.8.3 (B) (1) (l) Carrier Identification Parameter (CIP) is not applicable to the intrastate jurisdiction.

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E6. BELLSOUTH SWA SERVICE

E6.1 General (Cont'd)

E6.2.11 BellSouth Local Number Portability Database Services do not apply to the intrastate jurisdiction.

E6.2.15 BellSouth Wavelength SWA Dedicated Ring Service Components are not applicable to the intrastate jurisdiction.

E6.2.17 BellSouth Wavelength SWA Channel Service Components are not applicable to the intrastate jurisdiction.

E6.3 Local Switching Optional Features

E6.3.1 Common Switching (BellSouth SWA FG Customers Only)

E6.3.1 (A) (4) Automatic Number Identification (ANI)/Charge Number Flex ANI is not applicable to the intrastate jurisdiction.

E6.3.2 Common Switching (BellSouth SWA FG and BellSouth SWA Basic Serving Arrangement Customers)

E6.3.2 (A) (13) International Carrier Option is not applicable to the intrastate jurisdiction.

E6.3.2 (A) (20) Carrier Identification Parameter (CIP) is not applicable to the intrastate jurisdiction.

E6.3.3 Basic Service Elements (BellSouth SWA Basic Serving Arrangement Customers Only)

E6.3.3 (A) Inter-Switch Simplified Message Desk Interface (ISMDI) is not applicable to the intrastate jurisdiction.

E6.3.3 (A) (5) Inter-Switch Simplified Message Desk Interface (ISMDI) is not applicable to the intrastate jurisdiction.

E6.7 Rate Regulations

Area Commitment Plan (ACP) is not applicable to the intrastate jurisdiction.

E6.7.1 Description and Application of Rates and Charges

E6.7.1 (B) Usage Rates

E6.7.1 (B) (4) BellSouth Local Number Portability Database Services do not apply to the intrastate jurisdiction.

E6.7.1(C) Nonrecurring Charges

E6.7.1(C) (3) Service Rearrangements

E6.7.1(C) (3) (b) (xi) Flex ANI is not applicable to the intrastate jurisdiction.

E6.7.1(C) (6) BellSouth SWA 900 is not applicable to the intrastate jurisdiction.

E6.7.1 (D) Application of Rates

Transitional rates are not applicable to the intrastate jurisdiction.

E6.7.8 Measuring Access Minutes

The Tennessee Assumed Average Intrastate Access Minutes are:

Two-Way		Originating	Terminating
<u>Originating</u>	<u>Terminating</u>	<u>Only</u>	<u>Only</u>
3681	2997	1961	4665

E6.7.11 Message Unit Credit - Per Originating Feature Group A Access Minute \$ 0.00120

E6.7.15 Information Surcharge is not applicable to the intrastate jurisdiction.

E6.7.23 BellSouth Wavelength SWA Channel Service Components are not applicable to the intrastate jurisdiction.

BELLSOUTH
TELECOMMUNICATIONS
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ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

E6.8 Rates and Charges

Transitional rates are not applicable to the intrastate jurisdiction.

E6.8.1 BellSouth SWA Transport

E6.8.1 (A) BellSouth SWA Local Channel – Plan A and Plan B rates are not applicable to the intrastate jurisdiction.

E6.8.1(A)(4)	End Office Based Private Network	<u>Zone</u>	<u>USOC</u>	<u>NRC</u>	<u>Month to Month</u>
	Per Local Channel		TEFHK	\$ 22.53	
		1	TEFHK		\$ 5.23
		2	TEFHK		\$ 5.23
		3	TEFHK		\$ 5.23

E6.8.1 (B) BellSouth SWA Interoffice Channel – Plan A and Plan B rates are not applicable to the intrastate jurisdiction.

BellSouth SWA Interoffice Channel			<u>USOC</u>	<u>Month to Month</u>
E6.8.1(B)(1)(c)	BellSouth SWA DS1 - 1.544 Mbps			
	- Facility Termination	1	1L5NL	\$ 85.49

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BELLSOUTH
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TENNESSEE

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E6. BELLSOUTH SWA SERVICE

E6.8 Rates and Charges (Cont'd)

E6.8.1(C)(2)a	Dedicated Tandem Trunk Port per month per port		<u>Originating</u>	<u>Terminating</u>	
	- per dedicated DS0/VG trunk port required	USOC	3PO3X \$ 9.47		(D) (D)
	- per dedicated DS1 trunk port required	USOC	3PO4X \$ 139.98	3PT4X \$ 145.55	

E6.8.1 (H) Dedicated Network Access Lines (DNALs)

E6.8.1 (H) (1) DNAL Switched Local Channel

6.8.1(H) (1) (c) Per DNAL Switched Local Channel for use with SMDI and ISMDI 9.6 Kbps Digital Service is not applicable to the intrastate jurisdiction.

E6.8.1 (H) (2) DNAL Switched Interoffice Channel

6.8.1(H) (2) (c) Switched Interoffice Channel for use with SMDI and ISMDI 9.6 Kbps Digital Service is not applicable to the intrastate jurisdiction.

E6.8.1.1 Vintage Rates

E6.8.1.1 (A) General Regulations

Term Price plan vintage rates are those rates that apply to existing services provided under a term pricing plan in the event that the Telephone Company initiates a rate increase. Vintage rates, as set forth following, are classified as vintage because the Telephone Company ensures that rates provided under the term pricing plan will not be increased by the Telephone Company above the term pricing plan term.

E6.8.1.1 (B) The following rates apply to Switched Transport Services installed before July 2, 2013.

BellSouth Dedicated Ring - Self-healing Multi-nodal Alternate Route Topology Ring

RATE ELEMENT	ZONE	USOC	Rates
SMARTRing IOC OC-192+ 12-36 Mo		1HS1C	\$ 450.00
SMARTRing IOC OC-192+ 37-60 Mo		1HS1C	\$ 400.00
SMARTRing IOC OC-192+ 61-96 Mo		1HS1C	\$ 380.00

BellSouth SWA Managed Shared Network Service

RATE ELEMENT	ZONE	USOC	Rates
MSNS DS1 IOC - 0-8 Miles 60 Mo	1	1L5MS	\$ 110.00
MSNS DS1 IOC - 0-8 Miles 60 Mo	2	1L5MS	\$ 130.00
MSNS DS1 IOC - 0-8 Miles 60 Mo	3	1L5MS	\$ 180.00
MSNS DS1 IOC - 9-25 Miles 60 Mo	1	1L5MS	\$ 200.00
MSNS DS1 IOC - 9-25 Miles 60 Mo	2	1L5MS	\$ 240.00
MSNS DS1 IOC - 9-25 Miles 60 Mo	3	1L5MS	\$ 300.00
MSNS DS1 IOC - 25+ Miles 60 Mo	1	1L5MS	\$ 115.00
MSNS DS1 IOC - 25+ Miles 60 Mo	2	1L5MS	\$ 126.50
MSNS DS1 IOC - 25+ Miles 60 Mo	3	1L5MS	\$ 138.00
MSNS DS1 IOM - 25+ Miles 60 Mo	1	1L5MS	\$ 5.70
MSNS DS1 IOM - 25+ Miles 60 Mo	2	1L5MS	\$ 6.60
MSNS DS0 IOC - 0-8 Miles 60 Mo		1L5MS	\$ 22.00
MSNS DS0 IOC - 9-25 Miles 60 Mo		1L5MS	\$ 38.00

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

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E6. BELLSOUTH SWA SERVICE**E6.8 Rates and Charges (Cont'd)****E6.8.1.1 Vintage Rates (Cont'd)****E6.8.1.1 (B) (Cont'd)**BellSouth SWA Managed Shared Network Service

RATE ELEMENT	ZONE	USOC	Rates
MSNS DS0 IOC - 25+ Miles 60 Mo		1L5MS	\$ 20.00
MSNS DS0 IOM - 25+ Miles 60 Mo		1L5MS	\$ 1.40
MSNS DS1/DS0 Interface - Per Interface 60 Mo	1	OHS1S	\$ 35.00
MSNS DS1/DS0 Interface - Per Interface 60 Mo	2	OHS1S	\$ 39.00
MSNS DS1/DS0 Interface - Per Interface 60 Mo	3	OHS1S	\$ 52.00
MSNS DS1 Message Trunk Interface 60 Mo	1	OHS1M	\$ 100.00
MSNS DS1 Message Trunk Interface 60 Mo	2	OHS1M	\$ 120.00
MSNS DS1 Message Trunk Interface 60 Mo	3	OHS1M	\$ 140.00
MSNS DS0 - per line side connection 60 Mo		OHSOL	\$ 19.00
MSNS DS0 - per trunk side connection 60 Mo		OHSOT	\$ 19.00
MSNS - LC (5 DS3) 60 Mo	1	OHS3L	\$ 3,685.00
MSNS - LC (6 DS3) 60 Mo	1	OHS3L	\$ 3,785.00
MSNS - LC (7 DS3) 60 Mo	1	OHS3L	\$ 3,885.00
MSNS - LC (8 DS3) 60 Mo	1	OHS3L	\$ 3,985.00
MSNS - LC (9 DS3) 60 Mo	1	OHS3L	\$ 4,085.00
MSNS - LC (10 DS3) 60 Mo	1	OHS3L	\$ 4,185.00
MSNS - LC (11 DS3) 60 Mo	1	OHS3L	\$ 4,285.00
MSNS - LC (12 DS3) 60 Mo	1	OHS3L	\$ 4,728.00
MSNS - LC (13 DS3) 60 Mo	1	OHS3L	\$ 5,149.00
MSNS - LC (14 DS3) 60 Mo	1	OHS3L	\$ 5,549.00
MSNS - LC (15 DS3) 60 Mo	1	OHS3L	\$ 5,927.00
MSNS - LC (16 DS3) 60 Mo	1	OHS3L	\$ 6,286.00
MSNS - LC (17 DS3) 60 Mo	1	OHS3L	\$ 6,625.00
MSNS - LC (18 DS3) 60 Mo	1	OHS3L	\$ 6,945.00
MSNS - LC (19 DS3) 60 Mo	1	OHS3L	\$ 7,247.00
MSNS - LC (20 DS3) 60 Mo	1	OHS3L	\$ 7,697.00
MSNS - LC (21 DS3) 60 Mo	1	OHS3L	\$ 8,147.00
MSNS - LC (22 DS3) 60 Mo	1	OHS3L	\$ 8,597.00
MSNS - LC (23 DS3) 60 Mo	1	OHS3L	\$ 9,047.00
MSNS - LC (24 DS3) 60 Mo	1	OHS3L	\$ 9,497.00
MSNS - LC (25 DS3) 60 Mo	1	OHS3L	\$ 9,947.00
MSNS - LC (26 DS3) 60 Mo	1	OHS3L	\$ 10,397.00
MSNS - LC (27 DS3) 60 Mo	1	OHS3L	\$ 10,847.00

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E6. BELLSOUTH SWA SERVICE

E6.8 Rates and Charges (Cont'd)

E6.8.1.1 Vintage Rates (Cont'd)

E6.8.1.1 (B) (Cont'd)

BellSouth SWA Managed Shared Network Service

RATE ELEMENT	ZONE	USOC	Rates
MSNS - LC (28 DS3) 60 Mo	1	OHS3L	\$ 11,297.00
MSNS - LC (29 DS3) 60 Mo	1	OHS3L	\$ 11,747.00
MSNS - LC (30 DS3) 60 Mo	1	OHS3L	\$ 12,197.00

E6.8.2 Local Switching

E6.8.2	Usage Sensitive Rates	<u>Originating</u>
	Premium	

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E6.8.2(B)	Dedicated End Off Trunk Port Service	<u>Originating</u>
		USOC
	- Per dedicated DS0/VG trunk port required	3PO1X \$ 9.47
		USOC
	- Per dedicated DS1 trunk port required	3PO2X \$ 139.98

E6.8.2 (D) Common Switching (BellSouth SWA FG and BellSouth SWA Basic Serving Arrangement Customers)

International Carrier Option FID INCO is not applicable to the intrastate jurisdiction.

Carrier Identification Parameter (CIP) USOC NR4CD is not applicable to the intrastate jurisdiction.

E6.8.2 (E) Basic Service Elements (BellSouth SWA Basic Serving Arrangement Customers Only)

SMDI USOCs AVAS2, AVAS4, AVAS9 and AVAS6 are not applicable to the intrastate jurisdiction.

ISMDI USOCs AVBS1, AVBS2, AVBS4, AVBS9, AVBS6 and AVBSM are not applicable to the intrastate jurisdiction.

E6.8.4 Information Surcharge is not applicable to the intrastate jurisdiction

E6.8.5 inside Moves

USOCs NRBM1, NRBM2 and NRBM3 are not applicable to the intrastate jurisdiction.

E6.8.6 Changes of Network Channel Interface Codes

USOC RDG is not applicable to the intrastate jurisdiction.

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Nashville, Tennessee

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

E6.8 Rates and Charges (Cont'd)

E6.8.8 Service Rearrangements

E6.8.8 (E) BellSouth SWA 500 Access Services dialing capability

USOC NRBFG is not applicable to the intrastate jurisdiction.

E6.8.8 (J) Reconfiguration Charges

USOCs PR1VM, PR1VR, PR11M, PR11R, PR13M, and PR13R are not applicable to the intrastate jurisdiction.

E6.8.9 Transfer of Service

E6.8.9 (B) Per Circuit USOC NRBPC is not applicable to the intrastate jurisdiction.

E6.8.12 BellSouth Local Number Portability Database Services do not apply to the intrastate jurisdiction.

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BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

Each page listed below is a blank page. All material has been deleted from the specified page. Each page listed below does not contain any information on services or products. This place holder page represents each of the pages below.

(DELETED)

Page	Revision	Cancels Revision
7.1	4	3
8	6	5
9	6	5
9.1	4	3
10	7	6
10.1	10	9
10.2	4	3
10.3	4	3
11	11	10
11.0.1	7	6
11.1	5	4
11.2	3	2
11.3	5	4
11.4	2	1
11.5	2	1
11.6	2	1
11.7	2	1
11.8	2	1
11.9	2	1
11.10	2	1
11.11	5	4
12	13	12
12.1	3	2
13	13	12
13.1	3	2
14	5	4
15	6	5
16	5	4
17	8	7
17.1	4	3
18	4	3
19	7	6
20	5	4
21	13	12
22	14	13
22.1	6	5

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ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE**(DELETED)**

Page	Revision	Cancels Revision
23	10	9
24	10	9
24.0.1	2	1
24.0.2	2	1
24.1	4	3
24.2	4	3
24.3	3	2
24.4	4	3
24.5	3	2
24.6	5	4
24.7	3	2
24.8	4	3
24.9	7	6
24.10	8	7
24.11	4	3
24.12	4	3
24.12.1	2	1
24.12.1.1	2	1
24.12.1.2	2	1
24.12.1.13	1	Original
24.12.2	7	6
24.12.3	1	Original
24.13	4	3
25	7	6
26	7	6
27	8	7
28	9	8
28.1	12	11
28.2	3	2
28.3	3	2
28.4	3	2
28.5	4	3
28.5.1	3	2
28.6	4	3
28.6.1	1	Original
28.7	4	3
28.8	3	2
29	7	6

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ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE**(DELETED)**

Page	Revision	Cancels Revision
29.1	4	3
30	10	9
31	4	3
32	4	3
33	4	3
34	3	2
35	4	3
36	2	1
37	3	2
38	5	4
39	9	8
40	7	6
40.1	2	1
41	4	3
42	15	14
42.0.1	9	8
42.1	7	6
42.2	2	1
43	11	10
43.1	11	10
43.1.1	5	4
43.1.2	3	2
43.2	6	5
44	9	8
45	4	3
46	6	5
47	5	4
47.1	5	4
48	5	4
49	4	3
49.1	4	3
50	8	7
50.1	3	2
51	7	6
52	8	7
52.1	8	7
52.2	7	6
52.2.1	2	1

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

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ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE**(DELETED)**

Page	Revision	Cancels Revision
52.3	4	3
52.3.1	2	1
52.4	2	1
52.5	4	3
53	15	14
53.0.1	13	12
53.1	3	2
54	15	14
54.0.1	5	4
54.1	5	4
54.1.0.1	3	2
54.1.1	5	4
54.1.1.1	2	1
54.1.2	6	5
54.1.3	6	5
54.1.4	5	4
54.1.5	1	Original
54.1.6	1	Original
54.1.7	1	Original
54.1.8	1	Original
54.1.9	1	Original
54.1.10	1	Original
54.1.11	1	Original
54.1.12	1	Original
54.1.13	1	Original
54.1.14	1	Original
54.1.15	1	Original
54.1.16	1	Original
54.1.17	1	Original
54.1.18	1	Original
54.1.19	1	Original
54.1.20	1	Original
54.1.21	1	Original
54.2	12	11
55	10	9
55.1	5	4
56	9	8
56.1	7	6
56.2	5	4

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E6. BELLSOUTH SWA SERVICE

(DELETED)

Page	Revision	Cancels Revision
56.3	4	3
56.4	4	3
57	8	7
58	8	7
59	9	8
60	6	5

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.1 BellSouth SWA FGA (T)

A. Description

1. **BellSouth SWA** FGA is provided in connection with Company-selected offices. The availability of the **BellSouth SWA** FGA will be limited to those switches capable of recording originating and terminating usage. **BellSouth SWA** FGA service arrangements served from switches that lack the required recording capability as of January 1, 1984, will be left in place. New arrangements and additions to existing arrangements will only be available from switches with measurement capability. At the option of the customer, **BellSouth SWA** 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. **BellSouth SWA** FGA is arranged for use by the customer in the provision of its FX/ONAL service or MTS/WATS-type service customer. (T)
2. **BellSouth SWA** FGA provides a line side termination at the first point of switching. 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. (T)
3. The 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 Company facilities and measurement capabilities are available to accommodate such a request.
4. A seven digit local telephone number assigned by the Company is provided for access to **BellSouth SWA** 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. (T)
If the customer requests a specific seven digit telephone number that is not currently assigned, and the Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.
5. **BellSouth SWA** FGA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction **BellSouth SWA** FGA switching may be arranged, at the option of the customer, for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When **BellSouth SWA** FGA switching is provided in a hunt group or uniform call distribution arrangement, all **BellSouth SWA** FGA switching will be arranged for the same type of address signaling. (T)
6. No address signaling is provided by the Company when **BellSouth SWA** 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 Company and will be subject to the ordinary transmission capabilities of the **BellSouth SWA** Transport provided. (T)
7. **BellSouth SWA** FGA switching, when in the terminating direction, may be used to access valid NXXs in the LATA of the dial tone office, 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 Company, community information services of an information service provider, and other customer's services (by dialing the appropriate digits). Charges for **BellSouth SWA** 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 General Subscriber Services Tariff, for local operator assistance (0- and 0+) calls, and (2) calls from a **BellSouth SWA** FGA line to another customer's service in accordance with that customer's applicable service rates when the Company performs the billing for that customer. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.1 BellSouth SWA FGA (Cont'd) (T)

A. Description (Cont'd)

7. (Cont'd)

For *BellSouth SWA* FGA calls to Directory Assistance (411), *BellSouth SWA* service terminating usage rates will not apply. Instead, *BellSouth SWA* FGA calls to this service are subject to the *Directory Assistance* Service rates as set forth in E9.5 following. (T)

8. When a *BellSouth SWA* 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. (T)

B. Optional Features

1. Common Switching Optional Features

- 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. Enhanced Call Denial
- g. Call Screening

2. *BellSouth SWA* Transport Termination Optional Features (T)

- 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. Certain other features which may be available in connection with *BellSouth SWA FGA* are provided under the Company's General Subscriber Services Tariffs. Examples are: (T)

- a. Custom Calling Features

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.1 BellSouth SWA FGA (Cont'd) (T)

B. Optional Features (Cont'd)

3. (Cont'd)
 - b. Extensions in the same local exchange as the dial tone office
4. **BellSouth SWA** Transport Optional Features (T)
 - a. Supervisory Signaling (as set forth in E6.1.3.A. preceding)
 - b. Customer Specified Entry Switch Receive Level

C. Transmission Specifications

BellSouth SWA 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, 6 and 9. Type DB Data Transmission Parameters are provided with **BellSouth SWA** FGA to the first point of switching. (T)

D. Testing Capabilities

BellSouth SWA 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 E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing are available for **BellSouth SWA** FGA as set forth in E13.3.5 following. (T)

E6.2.2 BellSouth SWA FGB (T)

A. Description

1. **BellSouth SWA** FGB, when directly routed to an end office, is provided at appropriately equipped Company electronic end office switches. When provided via Company designated electronic access tandem switches, **BellSouth SWA** FGB switching is provided at Company electronic and electromechanical end office switches. (T)
2. **BellSouth SWA** 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. (T)
3. **BellSouth SWA** FGB switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for **BellSouth SWA** FGB switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in E6.3, 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 Company and will be subject to the ordinary transmission capabilities of the **BellSouth SWA** Transport provided. (T)
4. The access code for **BellSouth SWA** FGB switching is a uniform access code. The form of the uniform access code is 950-0XXX or 950-1XXX for carriers. These uniform access codes will be the assigned access numbers of all **BellSouth SWA** FGB service provided to the customer by the Company. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

(T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd)

(T)

E6.2.2 BellSouth SWA FGB (Cont'd)

(T)

B. Optional Features (Cont'd)

3. *BellSouth SWA* Transport Optional Features

(T)

- a. Customer Specification of *BellSouth SWA* Transport Termination
- b. Supervisory Signaling (as set forth in E6.1.3.A. preceding)
- c. Customer Specified Entry Switch Receive Level

(T)

C. Transmission Specifications

BellSouth SWA 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, 6 and 9. Type DB Data Transmission Parameters are provided with *BellSouth SWA* FGB to the first point of switching.

(T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.2 BellSouth SWA FGB (Cont'd) (T)

D. Testing Capabilities

BellSouth SWA 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 E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in E13.3.5 following. (T)

E6.2.3 BellSouth SWA FGC (T)

A. Description

1. *BellSouth SWA* FGC is provided at all Company end office switches on a direct trunk basis or via Company designated access tandem switches. *BellSouth SWA* FGC switching is provided to the customer (i.e., providers of MTS and WATS) at an end office switch unless *BellSouth SWA FGD* end office switching is provided in the same office. When *BellSouth SWA* FGD switching is available, *BellSouth SWA* FGC switching will not be provided. (T)
2. *BellSouth SWA* 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. (T)
3. *BellSouth SWA* 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 or immediate dial pulse whichever is available. Up to twelve 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 Company equipment to the customer's premises where the *BellSouth SWA* service terminates. Such called party number signals will be subject to the ordinary transmission capabilities of the *BellSouth SWA* Transport provided. (T)
4. No access code is required for *BellSouth SWA* 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). 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. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.3 BellSouth SWA FGC (Cont'd) (T)

B. Optional Features (Cont'd)

1. Common Switching Optional Features (Cont'd)
 - g. Alternate Traffic Routing
 - h. Trunk Access Limitation
2. Common Switching Optional Features For Use With *BellSouth SWA WATS Service* (T)
 - a. End Office End User Line Service Screening for use with *BellSouth SWA WATS Service* (T)
 - b. Hunt Group Arrangement for use with *BellSouth SWA WATS Service* (T)
 - c. Uniform Call Distribution Arrangement for use with *BellSouth SWA WATS Service* (T)
 - d. Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with *BellSouth SWA WATS Service* (T)
 - e. Band Advance Arrangement for use with *BellSouth SWA WATS Service* (T)
3. *BellSouth SWA* Transport Termination Optional Features (T)
 - a. Operator Trunks - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Company electronic end offices and other Company end offices where equipment is available.)
4. *BellSouth SWA* Transport Optional Features (T)
 - a. Supervisory Signaling (as set forth in E6.1.3.A. preceding)
5. *BellSouth SWA WATS Service* Termination Optional Features (T)
 - a. E&M Supervisory Signaling

C. Transmission Specifications

1. *BellSouth SWA* FGC is provided with either Type B or Type C Transmission Specifications as follows: (T)
 - a. When routed directly to the end office either Type B or Type C is provided.
 - b. When routed to an access tandem only Type B is provided.
 - c. Type B or Type C is provided on the transmission path from the access tandem to the end office.
2. 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, 6 and 9, whether routed directly to an end office or to an access tandem.
3. Type DB Data Transmission Parameters are provided with *BellSouth SWA* FGC for the transmission path between the customer's terminal 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. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.4 Feature Group D (FGD) (Cont'd) (T)

B. Optional Features

1. Common Switching Optional Features
 - a. Automatic Number Identification (ANI)/Charge Number (CN)
 - b. Service Class Routing
 - c. Alternate Traffic Routing
 - d. Call Gapping Arrangement
 - e. Trunk Access Limitation
 - f. Cut-Through
 - g. AccuPulse® service Switching Capability
 - h. Calling Party Number (CPN)
 - i. Carrier Selection Parameter (CSP)
 - j. Access Transport Parameter
 - k. 950-XXXX Dialing Over *BellSouth SWA* FGD (T)
2. Common Switching Optional Features For Use With *BellSouth SWA WATS Service* (T)
 - a. End Office End User Line Service Screening for use with *BellSouth SWA WATS Service* (T)
 - b. Hunt Group Arrangement for use with *BellSouth SWA WATS Service* (T)
 - c. Uniform Call Distribution Arrangement for use with *BellSouth SWA WATS Service* (T)
 - d. Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with *BellSouth SWA WATS Service* (T)
 - e. Band Advance Arrangement for use with *BellSouth SWA WATS Service* (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.4 BellSouth SWA FGD (Cont'd) (T)

B. Optional Features (Cont'd)

3. *BellSouth SWA* Transport Termination Optional Features (T)

a. Operator Trunk, Full Feature Arrangement

4. *BellSouth SWA* Transport Optional Features (T)

a. Supervisory Signaling (as set forth in E6.1.3.A. preceding)

b. AccuPulse® service Access Capability (as set forth in E6.1.3.A. preceding)

c. *BellSouth SWA* CCSAC (T)

d. 64 Clear Channel Capability (CCC) (as set forth in E6.1.3.A. preceding)

e. Coin Sent-Paid Capability (as set forth in E6.1.3.A. preceding)

5. *BellSouth SWA* WATS *Service* Optional Features (T)

a. E&M Supervisory Signaling

C. Transmission Specifications

1. *BellSouth SWA* FGD is provided with either Type A, Type B or Type C Transmission Specifications as follows: (T)

a. When routed directly to the end office either Type B or Type C is provided.

b. When routed to an access or TOPS tandem, only Type A is provided.

c. Type A is provided on the transmission path from the access or TOPS tandem to the end office.

2. Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2, 6 and 9.

3. Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access or TOPS tandem and between the access or TOPS tandem and the end office, or with *BellSouth SWA* FGD, when equipped with tandem signaling, for the transmission path between the customer's premises and the end offices when directly routed to the end offices. Type DB Data Transmission Parameters are provided with *BellSouth SWA* FGD for the transmission path between the customer's premises and the end office when directly routed to the end office. (T)

4. When equipped with tandem signaling, only Type A is provided.

D. Testing Capabilities

BellSouth SWA 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 E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing, are available for *BellSouth SWA* FGD as set forth in E13.3.5 following. (T)

BELLSOUTH
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TENNESSEE

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.5 BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service (T)

A. Service Description

1. Originating *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service is a trunk side switched service that is available to the customer via *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* Service trunk groups. *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* Service trunk groups, from the Company's SSP equipped end office or access tandem to the customer, will be provided in conjunction with *BellSouth SWA FGD* or *BellSouth SWA TSBSA 3*. (T)
2. *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service provides for routing 800 originating calls based on the dialed ten digit 800 number. (T)
3. When a 1+800+NXX-XXXX call is originated by an end user, the Company will use 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. (T)

B. Provision of Service

1. The manner in which *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service is provided is dependent on the status of the end office from which the service is provided as outlined following. (T)
 - a. When an 800 call originates from an end office equipped with equal access and Service Switching Point (SSP) customer identification capabilities, *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service will be provisioned in accordance with the technical characteristics available with *BellSouth SWA FGD* or *BellSouth SWA TSBSA 3*. (T)
 - b. When an 800 call originates at an end office equipped with equal access capabilities only (i.e., without SSP customer identification capabilities), the 800 call will be delivered to the access tandem on which the end office is homed and which is equipped with the SSP feature for customer identification. *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service will be provisioned in accordance with the technical characteristics available with *BellSouth SWA FGD* or *BellSouth SWA TSBSA 3*. (T)
 - c. When an 800 call originates at an end office not equipped with equal access signaling, and that end office's normal call recording function is performed at the access tandem on which the end office is homed and that tandem is also equipped with the SSP feature for customer identification, the 800 call will be delivered to the access tandem for call routing and customer identification. *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service will be provided in conjunction with *BellSouth SWA FGD* or *BellSouth SWA TSBSA 3* from the SSP equipped access tandem to the customer. (T)
 - d. When an 800 call originates at an end office not equipped with equal access signaling, and that end office's normal call recording function is performed at a location other than an access tandem equipped with the SSP feature for customer identification, the 800 call will be delivered to an SSP equipped access tandem. *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service will be provided in conjunction with *BellSouth SWA FGD* or *BellSouth SWA TSBSA 3* from the SSP equipped access tandem to the customer, except when more than one access tandem is employed in the transport of an *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service call for which standard transmission characteristics are not guaranteed. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.5 BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service (Cont'd) (T)

B. Provision of Service (Cont'd)

1. (Cont'd)

Additionally, *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service usage measurement shall be in accordance with the regulations set forth in E6.7.8 following for *BellSouth SWA FGC*, *BellSouth SWA FGD*, *BellSouth SWA TSBSA 2*, and *BellSouth SWA TSBSA 3*. Specifically, for usage originating from end offices not equipped with equal access capabilities, access minutes shall be measured in the same manner in which *BellSouth SWA FGC* and *BellSouth SWA TSBSA 2* service minutes are measured. For usage originating from end offices equipped with equal access capabilities, access minutes shall be measured in the same manner in which *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3* service minutes are measured. (T)

2. The customer has the option of having the dialed 800 number (i.e., 800+NXX+XXXX) or the ten digit POTS number (i.e., NPA+NXX+XXXX) delivered. If the customer desires to have the POTS number delivered, the customer must order 800 to POTS Number Delivery as set forth in E13.3.12 following.

3. *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service will be provisioned in conjunction with *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3* service with two exceptions: design blocking criteria and ANI information digits. (T)

a. Design blocking criteria is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access capabilities or not equipped with equal access capabilities). The design blocking criteria for *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service is set forth in E6.5.7.A.4. following. (T)

b. Unless prohibited by technical limitations of the customer's terminating switch (e.g., different dialing plans or restrictions in the ability to identify various combinations of ANI information, i.e., 3 digit versus 10 digit ANI on certain calls), the customer's *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-*BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service. 0+ and 0- calling arrangement are not available with *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service. (T)

BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service originating from equal access end offices and equal access tandems equipped with the SSP feature for customer identification will be provided using *BellSouth SWA FGD* or *BellSouth SWA TSBSA 3* signaling without overlap outpulsing. *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3* signaling may be provided with or without three-digit or ten-digit ANI. *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service originating from equal access end offices not having equal access capability, will be provided to the customer in a *BellSouth SWA FGD/BellSouth SWA TSBSA 3* signaling format without overlap outpulsing. (T)

Additionally, ANI information digits which identify the call as an 800 call are also provided when the customer orders the ANI and POTS delivery optional features. The provision of these information digits is described in E6.3.1.A. and E6.3.3.A. following.

4. For *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service traffic originating from equal access end offices without the customer identification function, *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3* service parameters as specified in E6.2.4 preceding and E6.2.9 following apply. (T)

5. Premises interface codes as set forth in E6.1.3 preceding for *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3* service also apply to *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service. (T)

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.6 Reserved For Future Use

E6.2.7 Reserved For Future Use

E6.2.8 BellSouth SWA LSBSA (T)

The *BellSouth SWA* LSBSA Service Category is virtually identical to that of *BellSouth SWA FGA*. *BellSouth SWA* LSBSA differs from *BellSouth SWA* FGA in three respects: the manner in which existing Local Switching Common Switching Optional Features are offered, the offering of new Basic Service Elements, and the resulting rate structure. (T)

BellSouth SWA LSBSA is an unbundled service category. Unbundling separates certain existing common switching optional features from the *BellSouth SWA* Basic Serving Arrangement. The resulting service category (i.e., *BellSouth SWA FG* less certain existing optional features) is *BellSouth SWA* LSBSA. These separated (unbundled) optional features, called Basic Service Elements (BSEs), are individually priced. Additionally, new BSEs are being offered to *BellSouth SWA* LSBSA customers. These new individually priced BSEs are listed in B.2. and B.3. following and can only be purchased in addition to service category *BellSouth SWA* LSBSA (except that in B.3. following which can be purchased by *BellSouth SWA* TSBSA customers). (T)

A. Description (T)

1. *BellSouth SWA* LSBSA is provided in connection with Company-selected offices. The availability of the *BellSouth SWA* LSBSA will be limited to those switches capable of recording originating and terminating usage. New arrangements and additions to existing arrangements will only be available from switches with measurement capability. At the option of the customer, *BellSouth SWA* LSBSA is provided on a single or multiple line group basis and is arranged for originating calling only, terminating calling only, or two-way calling. *BellSouth SWA* LSBSA is arranged for use by the customer in the provision of its FX/ONAL service or MTS/WATS-type service customer. (T)
2. *BellSouth SWA* LSBSA provides a line side termination at the first point of switching. 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. (T)
3. The 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 Company facilities and measurement capabilities are available to accommodate such a request.
4. A seven digit local telephone number assigned by the Company is provided for access to *BellSouth SWA* LSBSA 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. (T)

If the customer requests a specific seven digit telephone number that is not currently assigned, and the Company can, with reasonable effort, comply with that request, the requested number will be assigned to the customer.

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.8 BellSouth SWA LSBSA (Cont'd) (T)

A. Description (Cont'd)

5. **BellSouth SWA** LSBSA switching, when used in the terminating direction, is arranged with dial tone start-dial signaling. When used in the terminating direction **BellSouth SWA** LSBSA switching may be arranged, at the option of the customer, for dial pulse or dual tone multifrequency address signaling, subject to availability of equipment at the first point of switching. When **BellSouth SWA** LSBSA switching is provided in a hunt group or uniform call distribution arrangement, all **BellSouth SWA** LSBSA switching will be arranged for the same type of address signaling. (T)
6. No address signaling is provided by the Company when **BellSouth SWA** LSBSA 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 Company and will be subject to the ordinary transmission capabilities of the **BellSouth SWA** Transport provided. (T)
7. **BellSouth SWA** LSBSA switching, when in the terminating direction, may be used to access valid NXXs in the LATA of the dial tone office, 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 Company, community information services of an information service provider, and other customer's services (by dialing the appropriate digits). Charges for **BellSouth SWA** LSBSA 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 General Subscriber Services Tariff, for local operator assistance (0- and 0+) calls, and (2) calls from an **BellSouth SWA** LSBSA line to another customer's service in accordance with that customer's applicable service rates when the Company performs the billing for that customer. For **BellSouth SWA** LSBSA calls to Directory Assistance (411), Switched Access Service terminating usage rates will not apply. Instead, **BellSouth SWA** LSBSA calls to this service are subject to the **BellSouth Directory Assistance** Access Service rates as set forth in E9.5 following. (T)
8. When an **BellSouth SWA** LSBSA 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. (T)

B. Optional Features and Basic Service Elements

1. Common Switching Optional Features
 - a. Call Denial
 - b. Service Code Denial
 - c. Enhanced Call Denial
2. Common Switching 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

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.8 BellSouth SWA LSBSA (Cont'd) (T)

B. Optional Features and Basic Service Elements (Cont'd)

6. *BellSouth SWA* Transport Optional Features (T)

- a. Supervisory Signaling (as set forth in E6.1.3.A. preceding)
- b. Customer Specified Entry Switch Receive Level

C. Transmission Specifications

BellSouth SWA LSBSA 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, 6 and 9. Type DB Data Transmission parameters are provided with *BellSouth SWA* LSBSA to the first point of switching. (T)

D. Testing Capabilities

BellSouth SWA LSBSA 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 E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing are available for *BellSouth SWA* LSBSA as set forth in E13.3.5 following. (T)

E6.2.9 BellSouth SWA TSBSA (T)

The *BellSouth SWA* TSBSA 1, *BellSouth SWA* TSBSA 2, and *BellSouth SWA* TSBSA 3, is virtually identical to *BellSouth SWA* FGB, *BellSouth SWA* FGC, and *BellSouth SWA* FGD respectively. *BellSouth SWA* TSBSA differs from the trunk side feature groups in two respects: the manner in which existing Local Switching Common Switching Optional Features are offered, and the resulting rate structure. (T)

BellSouth SWA TSBSA is an unbundled service category. Unbundling separates certain existing common switching optional features from the feature group service categories. The resulting serving category (i.e., *BellSouth SWA* FG less certain existing optional features) is *BellSouth SWA* TSBSA. These separated (unbundled) optional features, called BSEs, are individually priced and can only be purchased in addition to service category *BellSouth SWA* TSBSA. One existing optional feature, Automatic Number Identification (ANI)/Charge Number, has become an unbundled BSE. (T)

A. *BellSouth SWA* TSBSA 1 (T)

1. Description

- a. *BellSouth SWA* TSBSA 1, when directly routed to an end office, is provided at appropriately equipped Company electronic end office switches. When provided via Company designated electronic access tandem switches, *BellSouth SWA* TSBSA 1 switching is provided at Company electronic and electromechanical end office switches. (T)
- b. *BellSouth SWA* TSBSA 1 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. (T)
- c. *BellSouth SWA* TSBSA 1 switching is provided with multifrequency address signaling in both the originating and terminating directions. Except for *BellSouth SWA* TSBSA 1 switching provided with the automatic number identification (ANI) or rotary dial station signaling arrangements as set forth in E6.3, 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 Company and will be subject to the ordinary transmission capabilities of the *BellSouth SWA* Transport provided. (T)

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.9 BellSouth SWA TSBSA (Cont'd) (T)

A. *BellSouth SWA* TSBSA 1 (Cont'd) (T)

2. Optional Features and Basic Service Elements

a. Common Switching Optional Features

- Up to 7 Digit Outpulsing of Access Digits to customer
- Alternate Traffic Routing

b. Common Switching Basic Service Elements

- Automatic Number Identification (ANI)

c. Common Switching BSEs for use with *BellSouth SWA WATS Service* (T)

- DID or DID/DOD with BSAs Access Service for use with *BellSouth SWA WATS Service* (T)

d. *BellSouth SWA* Transport Termination Optional Features (T)

- Rotary Dial Station Signaling

e. *Switched* Transport Optional Features

- Customer Specification of *BellSouth SWA* Transport Termination (T)
- Supervisory Signaling (as set forth in E6.1.3.A. preceding)
- Customer Specified Entry Switch Receive Level

3. Transmission Specifications

BellSouth SWA TSBSA 1 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, 6 and 9. Type DB Data Transmission parameters are provided with *BellSouth SWA* TSBSA 1 to the first point of switching. (T)

4. Testing Capabilities

BellSouth SWA TSBSA 1 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 E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing are available as set forth in E13.3.5 following. (T)

B. *BellSouth SWA* TSBSA 2 (T)

1. Description (T)

- a. *BellSouth SWA* TSBSA 2 is provided at all Company end office switches on a direct trunk basis or via Company designated access tandem switches. *BellSouth SWA* TSBSA 2 switching is provided to the customer (i.e., providers of MTS and WATS) at an end office switch unless *BellSouth SWA* TSBSA 3 end office switching is provided in the same office. When *BellSouth SWA* TSBSA 3 switching is available, *BellSouth SWA* WATS TSBSA 2 switching will not be provided. (T)

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.9 BellSouth SWA TSBSA (Cont'd) (T)

B. *BellSouth SWA* TSBSA 2 (Cont'd)

1. Description (Cont'd)
 - g. *BellSouth SWA* TSBSA 2 is provided with *BellSouth Directory Assistance* Access Service via Company designated electronic access tandem switches appropriately equipped for DA measurement. Completion of these calls is as set forth in e. preceding. When *BellSouth Directory Assistance* Access Service is provided with *BellSouth SWA* TSBSA 2 switching, calls routed to the access tandem will be completed to the DA location. Calls completed to the DA Service location are subject to the charges set forth in E9.5 following. (T)
2. Optional Features and Basic Service Elements
 - a. Common Switching Optional Features
 - Service Class Routing
 - Dial Pulse Address Signaling
 - Revertive Pulse Address Signaling
 - Delay Dial Start-Pulsing Signaling
 - Immediate Dial Pulse Address Signaling
 - Alternate Traffic Routing
 - Trunk Access Limitation
 - b. Common Switching Basic Service Element
 - Automatic Number Identification (ANI)
 - c. Common Switching Optional Features for use with *BellSouth SWA WATS Service*
 - End Office End User Line Service Screening for use with *BellSouth SWA WATS Service* (T)
 - Hunt Group Arrangement for use with *BellSouth SWA WATS Service* (T)
 - Uniform Call Distribution Arrangement for use with *BellSouth SWA WATS Service* (T)
 - Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with *BellSouth SWA WATS Service* (T)
 - Band Advance Arrangement for use with *BellSouth SWA WATS Service* (T)
 - d. Common Switching BSEs for use with *BellSouth SWA WATS Service*
 - DID or DID/DOD with BSAs Access Service for use with *BellSouth SWA WATS Service* (T)
 - e. *BellSouth SWA* Transport Termination Optional Features
 - Operator Trunks - i.e., Coin, Non-Coin and Combined Coin and Non-Coin. (Non-Coin Trunks are provided at Company electronic and electromechanical end offices. Coin and Combined Coin and Non-Coin are provided only at Company electronic end offices and other Company end offices where equipment is available.) (T)
 - f. *BellSouth SWA* Transport Optional Features
 - Supervisory Signaling (as set forth in E6.1.3.A. preceding) (T)

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TENNESSEE

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.9 BellSouth SWA TSBSA (Cont'd) (T)

C. *BellSouth SWA* TSBSA 3 (Cont'd) (T)

2. Optional Features and Basic Service Elements (Cont'd)
 - a. Common Switching Optional Features (Cont'd)
 - Trunk Access Limitation
 - Cut-Through
 - AccuPulse® service Switching Capability
 - Calling Party Number (CPN)
 - Carrier Selection Parameter (CSP)
 - Access Transport Parameter
 - 950-XXXX Dialing Over *BellSouth SWA* TSBSA 3 (T)
 - b. Common Switching Basic Service Element
 - Automatic Number Identification (ANI)/Charge Number (CN)
 - c. Common Switching Optional Features for use with *BellSouth SWA* WATS *Service*
 - End Office End User Line Service Screening for use with *BellSouth SWA* WATS *Service* (T)
 - Hunt Group Arrangement for use with *BellSouth SWA* WATS *Service* (T)
 - Uniform Call Distribution Arrangement for use with *BellSouth SWA* WATS *Service* (T)
 - Nonhunting Number for use with Hunt Group Arrangement or Uniform Call Distribution Arrangement for use with *BellSouth SWA* WATS *Service* (T)
 - Band Advance Arrangement for use with *BellSouth SWA* WATS *Service* (T)
 - d. Common Switching BSEs for use with *BellSouth SWA* WATS *Service*
 - DID or DID/DOD with BSAs Access Service for use with *BellSouth SWA* WATS *Service* (T)
 - e. *BellSouth SWA* Transport Termination Optional Features
 - Operator Trunk, Full Feature Arrangement
 - f. *BellSouth SWA* Transport Optional Features
 - Supervisory Signaling (as set forth in E6.1.3.A. preceding)
 - AccuPulse® service Access Capability
 - *BellSouth SWA* CCSAC (T)
 - 64 Clear Channel Capability (as set forth in E6.1.3.A. preceding)
 - Coin Sent-Paid Capability. (as set forth in E6.1.3.A. preceding)
 - g. *BellSouth SWA* WATS *Service* Termination Optional Features
 - E&M Supervisory Signaling (T)

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.9 BellSouth SWA TSBSA (Cont'd) (T)

C. *BellSouth SWA* TSBSA 3 (Cont'd) (T)

3. Transmission Specifications (T)

a. *BellSouth SWA* TSBSA 3 is provided with either Type A, Type B or Type C Transmission Specifications as follows: (T)

- When routed directly to the end office either Type B or Type C is provided.
- When routed to an access or TOPS tandem, only Type A is provided.
- Type A is provided on the transmission path from the access or TOPS tandem to the end office.

b. Type C Transmission Specifications are provided with Interface Group 1. Type A and Type B Transmission Specifications are provided with Interface Groups 2, 6 and 9.

c. Type DA Data Transmission Parameters are provided for the transmission path between the customer's premises and the access or TOPS tandem and between the access or TOPS tandem and the end office. Type DB Data Transmission Parameters are provided with *BellSouth SWA* TSBSA 3 for the transmission path between the customer's premises and the end office when directly routed to the end office. (T)

4. Testing Capabilities (T)

BellSouth SWA TSBSA 3 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 E6.1.6 preceding which are included with the installation of service, additional Cooperative Acceptance Testing, Automatic Scheduled Testing, Cooperative Scheduled Testing, Manual Scheduled Testing and Non-Scheduled Testing, are available for *BellSouth SWA* TSBSA 3 as set forth in E13.3.5 following. (T)

E6.2.10 BellSouth SWA 500 Service (T)

A. *BellSouth SWA* 500 service is an originating Trunk Side *BellSouth SWA* service. *BellSouth SWA* 500 service will be provided in conjunction with *BellSouth SWA* FGC, *BellSouth SWA* FGD, *BellSouth SWA* TSBSA 2, or *BellSouth SWA* TSBSA 3 Access or in accordance with the technical characteristics of *BellSouth SWA* FGC, *BellSouth SWA* FGD, *BellSouth SWA* TSBSA 2, or *BellSouth SWA* TSBSA 3 Access. (T)

B. *BellSouth SWA* 500 service is available with 1+ only, 0+ only, or 1+ and 0+ dialing capability, with 1+ and 0+ the standard. If 1+ only or 0+ only dialing capability is requested, service rearrangement charges as specified in E6.8.8 following are applicable for 500 traffic terminating to existing trunk groups. (T)

C. When a 1+ or 0+500+NXX+XXXX call is originated by an end user, the Company will perform the customer identification function, based on the first six digits of the dialed 500 Number to determine the customer location to which the call is to be routed. After the customer identification function is performed, the call will be routed to the customer over originating *BellSouth SWA* FGC, *BellSouth SWA* FGD, *BellSouth SWA* TSBSA 2, or *BellSouth SWA* TSBSA 3 or in accordance with the technical characteristics of *BellSouth SWA* FGC, *BellSouth SWA* FGD, *BellSouth SWA* TSBSA 2, or *BellSouth SWA* TSBSA 3. (T)

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E6. BELLSOUTH SWA SERVICE (T)

E6.2 Provision And Description Of BellSouth SWA Service Arrangements (Cont'd) (T)

E6.2.10 BellSouth SWA 500 Service (Cont'd) (T)

- D. The manner in which *BellSouth SWA* 500 service is provided is dependent on the status of the end office from which the service is provided as outlined following: (T)
1. When a 500 call originates from an end office equipped with equal access and Service Switching Point (SSP) customer identification capabilities, *BellSouth SWA* 500 service will be provisioned in accordance with the technical characteristics available with *BellSouth SWA* FGD or *BellSouth SWA* TSBSA 3 via a database look-up at the SCP. (T)
 2. When a 500 call originates from an end office equipped with equal access capability only (i.e., without SSP customer identification capabilities), the end office will perform the customer identification function via NXX translations. The 500 traffic is then delivered to the customer via *BellSouth SWA* FGD or *BellSouth SWA* TSBSA 3. (T)
 3. When a 500 call originates from an end office not equipped with equal access signaling, and that end office's normal call recording function is performed at the tandem on which the end office is homed, and that tandem is also equipped with the capability to perform a NXX translation, the 500 call will be delivered to the tandem for call routing and customer identification. The 500 call will be delivered via *BellSouth SWA* FGC, *BellSouth SWA* FGD, *BellSouth SWA* TSBSA 2, or *BellSouth SWA* TSBSA 3, or in accordance with the technical characteristics of *BellSouth SWA* FGC, *BellSouth SWA* FGD, *BellSouth SWA* TSBSA 2, or *BellSouth SWA* TSBSA 3. (T)
 4. When a 500 call originates from an end office not equipped with equal access signaling, and that end office's normal call recording function is performed at a location other than a tandem equipped with the capability to perform a NXX translation, the 500 call will be delivered to a tandem capable of performing a NXX translation. Such service will be provided in conjunction with *BellSouth SWA* FGD or *BellSouth SWA* TSBSA 3 access from the access tandem capable of performing a NXX translation to the customer, except when more than one tandem is employed in the transport of a *BellSouth SWA* 500 service call for which standard transmission characteristics are not guaranteed. (T)
- E. *BellSouth SWA* 500 service will be provisioned in conjunction with *BellSouth SWA* FGC, *BellSouth SWA* FGD, *BellSouth SWA* TSBSA 2, and *BellSouth SWA* TSBSA 3 access, with two exceptions (i.e., design blocking criteria and ANI information digits). (T)
- F. Design blocking criteria, is dependent on the status of the end office from which the service is provided (i.e., equipped with equal access capabilities or not equipped with equal access capabilities). The design blocking criteria for *BellSouth SWA* 500 service is set forth in E6.5.7 following. (T)
- G. Unless prohibited by technical limitations of the customer's terminating switch (such as different dialing plans or restrictions in the ability to identify various combinations of ANI information, i.e., 3 digit versus 10 digit ANI on certain calls) the customer's *BellSouth SWA* 500 service traffic may, at the option of the customer, be combined in the same trunk group arrangement with the customer's non-*BellSouth SWA* 500 service traffic. When required by technical limitations, or at the request of the customer, a separate trunk group will be established for *BellSouth SWA* service. 0- calling arrangements are not available with *BellSouth SWA* 500 service. (T)
- H. Additionally, *BellSouth SWA* 500 service usage measurement shall be in accordance with the regulations set forth in E6.7.8 following for *BellSouth SWA* FGC, *BellSouth SWA* FGD, *BellSouth SWA* TSBSA 2, or *BellSouth SWA* TSBSA 3. Specifically, for usage originating from end offices not equipped with equal access capabilities, access minutes shall be measured in the same manner in which *BellSouth SWA* FGC and *BellSouth SWA* TSBSA 2 access minutes are measured. For usage originating from end offices equipped with equal access capabilities, access minutes shall be measured in the same manner in which *BellSouth SWA* FGD or *BellSouth SWA* TSBSA 3 access minutes are measured. (T)
- I. *Premises* Interface Codes as set forth in E6.1.3.A.5 preceding for *BellSouth SWA* FGD and *BellSouth SWA* TSBSA 3 also apply to *BellSouth SWA* 500 service. (T)

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E6. BELLSOUTH SWA SERVICE (T)

E6.3 Local Switching Optional Features (Cont'd)

E6.3.1 Common Switching (*BellSouth SWA FG Customers Only*) (Cont'd) (T)

C. Hunt Group Arrangement

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 Company end offices. It is available with **BellSouth SWA FGA**. **BellSouth SWA FGA** services with different methods of providing off-hook supervisory signaling (i.e., provided by the customer's equipment vs. forwarded by equipment when the called party answers) cannot be mixed in the same hunt group arrangement. (T)

The **BellSouth SWA FGA** dial tone office utilized for a Hunt Group Arrangement must be the same for all **BellSouth SWA FGA** lines in the arrangement. The customer may specify that the **BellSouth SWA FGA** lines in the Hunt Group Arrangement be connected to the same customer-designated location for transport to another state or that the lines be connected to multiple customer-designated locations for transport to another state. A split arrangement (two or more customer-designated locations) is available only when the customer-designated locations are served from the same serving wire center. Customer service record information needed to add more than one customer-designated location to the arrangement, or to modify the service arrangement after initial establishment, must be obtained from the HGA **BellSouth SWA FGA** customer. (T)

D. Uniform Call Distribution Arrangement

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 Company electronic end offices only. It is available with **BellSouth SWA FGA**. (T)

E. Nonhunting Number for use with Hunt Group or Uniform Call Distribution Arrangement

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 Company electronic end offices only. It is available with **BellSouth SWA FGA**. (T)

F. Automatic Number Identification (ANI) /Charge Number (CN)

This option provides the automatic transmission of a three, seven or ten digit number and information digits to the customer's premises for calls originating in the LATA, to identify the geographical calling area (NPA) or the calling station. ANI will identify the calling station, where possible, or at a minimum, identify the NPA from the call originated. The three, seven or ten digit numbers will contain the following information: for three digit numbers, NPA only; for seven digit numbers, NXX+XXXX; for ten digit numbers, NPA+NXX+XXXX. With the exception of three digit ANI, the ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission paths in a trunk group routed directly between an end office and a customer's premises or, where technically feasible, with (2) 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's premises. (T)

Three digit ANI is a software function of the SSP feature which is used in conjunction with **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service and occurs whenever the SSP feature detects an **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service call that does not include the originating caller's ANI. (T)

Three digit ANI, the originating NPA of the 800 call, is available with **BellSouth SWA FGD** routed traffic only. Three digit ANI will be transmitted to the customer on all **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service calls that are processed by the SSP feature for which a complete ANI is not received from the subtending office that originates the 800 call. This includes, but is not limited to: (1) non equal access end offices which have their call recording function performed at a location other than the office which is performing the **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service function; (2) calls from non equal access switches that encounter an ANI failure; and (3) ANI failures from non equal access switches which have their call recording function performed by the office which supports the **BellSouth SWA 8XX Toll Free Dialing** Ten Digit Screening Service function. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

E6.3 Local Switching Optional Features (Cont'd)

E6.3.1 Common Switching (BellSouth SWA FG Customers Only) (Cont'd)

F. Automatic Number Identification (ANI) /Charge Number (CN) (Cont'd)

The seven digit ANI telephone number is available with BellSouth SWA FGB and BellSouth SWA FGC. With these BellSouth SWA FGs, technical limitations may exist in 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, pay *telephone lines* using BellSouth SWA FGB, or when an ANI failure has occurred. (C)

The ten digit ANI telephone number is only available with BellSouth SWA FGD with multifrequency address signaling. When the BellSouth SWA CCSAC optional feature is specified, the customer may obtain an ANI equivalent by ordering the Charge Number optional feature, as specified 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 as follows).

Generally, the three digit and ten digit ANI telephone number is available with BellSouth SWA FGD and with BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service that uses BellSouth SWA FGD on a per class of service basis. The ten digit ANI number will be transmitted on calls except those where ANI cannot be provided because the conditions, set forth following exist or, those from end offices not equipped to provide ANI. In these instances, only the three digit ANI and the information digits described following, if applicable, will be transmitted. Additionally, when the customer has ordered the 800 to POTS Number Delivery feature, information digits (i.e., 24) which identify the call as an 800 call will be forwarded to the customer's premises in addition to the ten digit POTS number. These information digits will also replace the information digits which identify the conditions set forth as follows when a POTS number is delivered to the customer's premises.

With BellSouth SWA FGC, ANI is provided from end offices at which Company recording for end user billing is not provided, or where it is not required, as with BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service. It is not provided from end offices for which the Company needs to forward 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:

- Telephone number is the station billing number - no special treatment is required.
- 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.
- 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.
- Hotel/Motel originated call which requires room number identification.
- Coinless station, hospital, inmate, etc., call which requires special screening or handling by the customer, and
- 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 BellSouth SWA FGB, BellSouth SWA FGC, and BellSouth SWA FGD.

Charge Number (CN) is an ANI equivalent which provides for the automatic transmission of the ten-digit billing number of the calling station number and originating line information. The specific protocol for CN is contained in the BellSouth Guidelines to Technical Publication TR-TSV-000905. This feature is available only with BellSouth SWA FGD when BellSouth SWA CCSAC is specified.

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

E6.3 Local Switching Optional Features (Cont'd)

E6.3.2 Common Switching (BellSouth SWA FG and BellSouth SWA Basic Serving Arrangement Customers) (Cont'd)

A. (Cont'd)

5. Alternate Traffic Routing

a. 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 BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD, and BellSouth SWA TSBSA. Due to technical limitations, this option is not available with the routing of sent-paid coin traffic *from line controlled pay stations*. (C)

b. End Office Alternate Routing When Ordered In Trunks

This option provides an alternate routing arrangement for customers who order in trunks and have access for a particular BellSouth SWA FG or BellSouth SWA Basic Serving Arrangement to an end office via two routes: one route via an access tandem and one direct route. The feature allows the customers' originating traffic from the end office to be offered first to the direct trunk group and then overflow either to an access tandem group or, where facilities permit, to another direct trunk group equipped with tandem signaling. It is provided in suitably equipped end offices and is available with BellSouth SWA FGB, BellSouth SWA FGC, BellSouth SWA FGD, and BellSouth SWA TSBSA. Due to technical limitations, this option is not available with the routing of sent-paid coin traffic *from line controlled pay stations*. (C)

6. Service Class Routing

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., *pay telephone*, 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 /TOPS tandem switches and is available with BellSouth SWA FGC, BellSouth SWA FGD, BellSouth SWA TSBSA 2, and BellSouth SWA TSBSA 3. (C)

7. Dial Pulse Address Signaling

This trunk side option provides for the transmission of number information (e.g., called number) between the end office switching system and the customer's premises (in either direction) by means of direct current pulses. It is available with BellSouth SWA FGC and BellSouth SWA TSBSA 2.

8. Revertive Pulse Address Signaling

This option provides for a dc pulsing arrangement that transmits intelligence in the following manner:

The equipment at the originating location presets itself to represent the number of pulses required and to count the pulses received from the terminating location.

The equipment at the terminating location transmits a series of pulses by the momentary grounding of its battery supply until the originating location breaks the dc path to indicate that the required number of pulses has been counted.

This option is available with BellSouth SWA FGC and BellSouth SWA TSBSA 2.

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.3 Local Switching Optional Features (Cont'd)

E6.3.3 Basic Service Elements (BellSouth SWA Basic Serving Arrangement Customers Only) (Cont'd) (T)

A. (Cont'd)

1. Hunt Group Arrangement (Multiline Hunt Group Arrangement (MLHG)) (Cont'd)

The **BellSouth SWA** LSBSA dial tone office utilized for a Hunt Group Arrangement must be the same for all **BellSouth SWA** LSBSA lines in the arrangement. The customer may specify that the **BellSouth SWA** LSBSA lines in the Hunt Group Arrangement be connected to the same customer-designated location for transport to another state or that the lines be connected to multiple customer-designated locations for transport to another state. A split arrangement (two or more customer-designated locations) is available only when the customer-designated locations are served from the same serving wire center. Customer service record information needed to add more than one customer-designated location to the arrangement, or to modify the service arrangement after initial establishment, must be obtained from the HGA **BellSouth SWA** LSBSA customer. (T)

2. Uniform Call Distribution Arrangement (No Generic Name)

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. **BellSouth SWA** LSBSA services with different methods of providing off-hook supervisory signaling (i.e., provided by the customer's equipment vs. forwarded by the customer's equipment when the called party answers) cannot be mixed in the same hunt group arrangement. This BSE, available with **BellSouth SWA** LSBSA, is provided from suitably equipped Company offices. (T)

3. Nonhunting Number for use with Hunt Group or Uniform Call Distribution Arrangement (Multiline Hunt Group Access to Each Port)

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. This BSE, available with **BellSouth SWA** LSBSA, is provided from suitably equipped Company offices. (T)

4. Simplified Message Desk Interface (SMDI) (Message Desk (SMDI))

This option provides call-related information for calls utilizing a **BellSouth SWA** LSBSA multiline hunt group arrangement. SMDI provides the capability for delivering the called directory number, the calling directory number, and a call forwarding indicator (i.e., call forwarding busy, call forwarding don't answer, or direct call). This information is transmitted to the customer's premises utilizing a DNAL provided under the **BellSouth SWA** Transport Sections of this Tariff. In addition, where customer equipment exists, SMDI will allow a customer to activate a message waiting indicator to the called directory number. (T)

The customer shall provide the appropriate customer premise equipment to store, display or print the transmitted call status information as well as equipment to activate or deactivate the message waiting indicator. The Company assumes no liability and will be held harmless for any incompatibility of the customer's equipment to perform satisfactorily with this feature. This BSE, available with **BellSouth SWA** LSBSA, is provided from suitably equipped Company offices on an intraoffice basis. The customer is responsible for providing a modem at customer premises which interfaces BOC equipment at 1200 baud ASCII. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

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E6. BELLSOUTH SWA SERVICE (T)

E6.3 Local Switching Optional Features (Cont'd)

E6.3.3 Basic Service Elements (BellSouth SWA Basic Serving Arrangement Customers Only) (Cont'd) (T)

A. (Cont'd)

5. Surrogate Client Number (SCN) (No Generic Name)

This option allows a customer to purchase one or more telephone numbers that are permanently forwarded to a multiline hunt group over an SMDI line. This capability permits the customer to have a specially assigned telephone number (SCN) for its client. This number appears in the customer's serving central office in order to permit the client's calling telephone number to be transmitted to the customer's premises using SMDI. This BSE, available with LSBSA, is provided from suitably equipped Company offices. The number associated with SCN is not available for listing purposes.

6. Bulk Calling Line Information Delivery (BCLID) (Calling Directory Number Delivery via BCLID) (T)

This option provides call-related information for calls utilizing a *BellSouth SWA* LSBSA service multiline hunt group arrangement. This information is transmitted over a DNAL provided under the *BellSouth SWA* Transport Sections of this Tariff. Information transmitted includes calling directory number, called directory number, time the call was placed, calling line type (individual or group), and called line status (i.e., busy or idle).

The customer will provide the necessary customer premises equipment to receive, translate, display and/or store the transmitted data. The Company assumes no liability and will be held harmless for any incompatibility of the customer's equipment to perform satisfactorily with this feature. Call detail information is not available on calls originated to the *BellSouth SWA* LSBSA line from outside the LATA unless the office is equipped and interconnected with Signaling System 7 (SS7). BCLID information is only available on calls originating and terminating within SS7 equipped areas. This BSE, available with *BellSouth SWA* LSBSA, is provided from suitably equipped Company offices. (T)

7. Queuing (Multiline Hunt Group UCD With Queuing)

This option provides the capability for the Company's central office to automatically queue calls to a specific multiline hunt group or uniform call distribution arrangement when all hunting group terminals are busy. The calling party will continue to receive ringing indication until the call is completed to the customer's premises. The timing of a call begins upon entrance into a queue. When a line becomes available, the call will be delivered to that line.

The customer may also choose to subscribe to an optional announcement service available with this BSE. This optional customized central office announcement permits audible ringing tone followed by customer-selected announcement(s) which notify the caller of the queue condition. The customer can also specify that the call be connected to a silent termination, audible ringing, or customer provided music.

Call waiting and music after delay announcement services associated with this feature require a DNAL provided under the *BellSouth SWA* Transport Sections of this Tariff. This BSE, available with *BellSouth SWA* LSBSA, is provided from suitably equipped Company offices. (T)

8. User Transfer (Three Way Call Transfer)

This option permits a customer who has established a call using an *BellSouth SWA* LSBSA service 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 an in-progress call and complete a second call while maintaining privacy from the first call. User Transfer is available with *BellSouth SWA* LSBSA and by definition utilizes two *BellSouth SWA* LSBSA lines, thereby generating two *BellSouth SWA* LSBSA measurements. This feature, available with *BellSouth SWA* LSBSA, is provided from suitably equipped Company offices. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

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E6. BELLSOUTH SWA SERVICE (T)

E6.3 Local Switching Optional Features (Cont'd)

E6.3.3 Basic Service Elements (BellSouth SWA Basic Serving Arrangement Customers Only) (Cont'd) (T)

A. (Cont'd)

9. Make Busy/Night Transfer (Make Busy Key)

This option provides the ability to create a busy or overflow condition for a multiline hunt group. Make Busy/Night Transfer requires a DNAL provided under the *BellSouth SWA* Transport Sections of this Tariff. By activating a customer-provided key at its premises, the customer can place the group in an "all numbers busy" condition. Subsequent calls may be directed to a central office busy tone, customized central office announcement, or forwarded to an alternate location. Calls forwarded to an alternate location invokes the use of a second *BellSouth SWA* LSBSA line, thereby generating a second *BellSouth SWA* LSBSA measurement. This feature, available with *BellSouth SWA* LSBSA, is provided from suitably equipped Company offices on an intraoffice basis only. (T)

10. Direct Inward Dialing (DID) or DID/Direct Outward Dialing (DOD) *BellSouth SWA* service with *BellSouth SWA* LSBSA (Faster Signaling on DID) (T)

This option provides for incoming calls (DID) to customer's premises equipment from the network to reach a specific telephone number without the assistance of an attendant. This feature, available with *BellSouth SWA* LSBSA, is provided from suitably equipped Company offices. DID numbers will be provided in blocks consisting of a minimum of 20 consecutive numbers. DID *BellSouth SWA* service is available with standard dial pulse signaling or optionally purchased MF or DTMF signaling and is available on inward only or 2-way *BellSouth SWA* LSBSA lines. This feature is available only as a standalone BSE with *BellSouth SWA* LSBSA and therefore cannot be purchased in conjunction with any other BSE. (T)

11. Automatic Number Identificaton (ANI)/Charge Number (CN) (Calling Billing Number Delivery)

This option provides the automatic transmission of a three, seven or ten digit number and information digit to the customer's premises for calls originating in the LATA, to identify the geographical calling area (NPA) or calling station. ANI will identify the calling station, where possible or at a minimum, identify the NPA from which the call originated. The three, seven or ten digit numbers will contain the following information: for three digit numbers, NPA only; for seven digit numbers, NXX+XXXX; for ten digit numbers, NPA+NXX+XXXX. With the exception of three digit ANI, the ANI feature is an end office software function which is associated on a call-by-call basis with (1) all individual transmission paths in a trunk group routed directly between an end office and a customer's premises or, where technically feasible, with (2) 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's premises. (T)

Three digit ANI is a software function of the SSP feature which is used in conjunction with *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service and occurs whenever the SSP feature detects an *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service call that does not include the originating caller's ANI. (T)

Three digit ANI, the originating NPA of the 800 call, is available with *BellSouth SWA* TSBSA 3 routed traffic only. Three digit ANI will be transmitted to the customer on all *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service calls that are processed by the SSP feature for which a complete ANI is not received from the subtending office that originates the 800 call. This includes, but is not limited to: (1) non equal access end offices which have their call recording function performed at a location other than the office which is performing the *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service function, (2) calls from non equal access switches that encounter an ANI failure, and (3) ANI failures from non equal access switches which have their call recording function performed by the office which supports the *BellSouth SWA 8XX Toll Free Dialing* Ten Digit Screening Service function. (T)

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TELECOMMUNICATIONS
TENNESSEE

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E6. BELLSOUTH SWA SERVICE

E6.3 Local Switching Optional Features (Cont'd)

E6.3.3 Basic Service Elements (BellSouth SWA Basic Serving Arrangement Customers Only) (Cont'd)

A. (Cont'd)

11. (Cont'd)

The seven digit ANI telephone number is available with BellSouth SWA TSBSA 1 and BellSouth SWA TSBSA 2. Technical limitations may exist in 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 multi-party lines, pay telephone *lines* using BellSouth SWA TSBSA 1 or when an ANI failure has occurred. (C)

The ten digit ANI telephone number is only available with BellSouth SWA TSBSA 3 with multifrequency address signaling. When the BellSouth SWA CCSAC optional feature is specified, the customer may obtain any ANI equivalent by ordering the Charge Number optional feature, as specified following. The ten digit ANI telephone numbers 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 multi-party line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described following.)

Generally, the three digit and ten digit ANI telephone number is available with BellSouth SWA TSBSA 3 and with BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service that uses BellSouth SWA TSBSA 3 on a per class of service basis. The ten digit ANI number will be transmitted on calls except those where ANI cannot be provided because the conditions set forth following exist or, those from end offices not equipped to provide ANI. In these instances, only the three digit ANI and the information digits described following, if applicable, will be transmitted. Additionally, when the customer has ordered the 800 to POTS Number Delivery feature, information digits (i.e., 24) which identify the call as a 800 call will be forwarded to the customer's premises in addition to the ten digit POTS number. These information digits will also replace the information digits which identify the conditions set forth following when a POTS number is delivered to the customer's premises.

With BellSouth SWA TSBSA 2, ANI is provided from end offices at which Company recording for end user billing is not provided, or where it is not required, as with BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening Service. It is not provided from end offices for which the Company needs to forward ANI to its recording equipment.

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

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E6. BELLSOUTH SWA SERVICE (T)

E6.3 Local Switching Optional Features (Cont'd)

E6.3.5 Basic Service Elements for Use with BellSouth SWA WATS Service (BellSouth SWA Basic Serving Arrangement Customers Only) (Cont'd) (T)

A. (Cont'd)

1. Direct Inward Dialing (DID) or DID/DOD with *BellSouth SWA Basic Serving Arrangements* for Use with *BellSouth SWA WATS Service* Lines (No Generic Name) (T)

This option provides for incoming (DID) calls to customers' premise equipment from the network to reach a specific telephone number without the assistance of an attendant. This feature, available for use with *BellSouth SWA WATS Service* lines ordered from Section E7. of this Tariff, is provided from suitably equipped Company offices. DID numbers will be provided in blocks consisting of a minimum of 20 consecutive numbers. This BSE is available with standard dial pulse signaling or optionally purchased MF or DTMF signaling and is available on inward only or 2-way *BellSouth SWA WATS Service* lines. This feature is available to *BellSouth SWA* LSBSA and *BellSouth SWA* WATS TSBSA customers only as a standalone local switching optional feature with *BellSouth SWA WATS Service* lines and therefore cannot be purchased in conjunction with any other local switching optional feature. (T)

E6.3.6 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's premises for originating calls. This option is provided in the form of a specific type of *BellSouth SWA* Transport Termination. It is available with *BellSouth SWA WATS Service FGB* and *BellSouth SWA* TSBSA 1, only on a directly trunked basis. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

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E6. BELLSOUTH SWA SERVICE (T)

E6.3 Local Switching Optional Features (Cont'd)

E6.3.6 Transport Termination (Cont'd)

B. Operator Trunk - 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 only with *BellSouth SWA FGC*, *BellSouth SWA FGD*, *BellSouth SWA TSBSA 2*, and *BellSouth SWA TSBSA 3*, and is provided in electronic end offices and other Company end offices where equipment is available. It is provided as a trunk type of *BellSouth SWA Transport Termination*. (T)

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's 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.

The operator assistance coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature or BSE, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's operator services systems, rather than in the customer's manual cord boards.

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's 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 or BSE, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's operator services systems, rather than in the customer's manual cord boards. When so equipped, the ANI optional feature or BSE 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 public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the 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's 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 or BSE, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's operator services systems, rather than in the customer's manual cord boards. When so equipped, the ANI optional feature or BSE 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 public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Company).

C. Operator Trunk - Full Feature

This option provides the operator functions available in the end office to the customer's operator. These functions are: (1) Operator Released, (2) Operator Attached, (3) Coin Collect, (4) Coin Return and (5) Ringback. It is available with *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3*, and is provided as a trunk type of *BellSouth SWA Transport Termination*. This arrangement is only available with the Service Class Routing option. This option is not available in combination with the *BellSouth SWA CCSAC* option. (T)

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TELECOMMUNICATIONS
TENNESSEE

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E6. BELLSOUTH SWA SERVICE (T)

E6.3 Local Switching Optional Features (Cont'd)

E6.3.7 BellSouth SWA WATS Service Line Termination (T)

- A. The *BellSouth SWA WATS Service* line terminations are differentiated by line side vs. trunk side terminations. The standard *BellSouth SWA WATS Service* arrangement is available with a line side termination. There are various types of originating and terminating line side terminations depending on the type of signaling associated with the *BellSouth SWA WATS Service* (i.e., loop start or ground start). Line side terminations are available with either dial pulse or dual tone multifrequency address signaling. (T)

In addition, there are also various types of originating and terminating *BellSouth SWA WATS Service* trunk side terminations that are available in lieu of standard line side terminations. Trunk side terminations are provided only in association with certain line termination optional features as specified following: (T)

The Company will, at the option of the customer, provide the following optional feature in association with *BellSouth SWA WATS Service*. (T)

1. E&M Supervisory Signaling

The E&M Supervisory Signaling optional feature, which is available with four-wire originating and terminating *BellSouth SWA WATS Service*, provides for E&M Type 1, Type 2 or Type 3 Supervisory Signaling in lieu of loop start or ground start Supervisory Signaling. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

(T)

E6.4 Transmission Specifications (Cont'd)

E6.4.1 Standard Transmission Specifications (Cont'd)

A. Type A Transmission Specifications (Cont'd)

4. C-Notch Noise

The maximum C-Notch Noise, utilizing a-16 dBmO holding tone, is less than or equal to 45 dBmCO.

5. Echo Control

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:

Routing Configuration	Echo Return Loss	Singing Return Loss
POT to Access Tandem	21 dB	14 dB
POT to End Office		
- Direct	N/A	N/A
- Via Access Tandem	16 dB	11 dB
- Direct equipped with Tandem	16 dB	11 dB
Signaling		

B. Type B 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 band relative to loss at 1004 Hz is -2.0 dB to +4.0 dB.

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

(T)

E6.4 Transmission Specifications (Cont'd)

E6.4.1 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:

Route Miles	C-Message Noise ¹	
	Type B1	Type B2
less than 50	32 dBmCO	38 dBmCO
51 to 100	33 dBmCO	39 dBmCO
101 to 200	35 dBmCO	41 dBmCO
201 to 400	37 dBmCO	43 dBmCO
401 to 1000	39 dBmCO	45 dBmCO

4. C-Notch Noise

The maximum C-Notch Noise, utilizing a -16 dBmO holding tone is less than or equal to 47 dBmCO.

5. Echo Control

Echo Control, identified as Impedance Balance for *BellSouth SWA FGA*, *BellSouth SWA FGB*, *BellSouth SWA LSBSA* and *BellSouth SWA TSBSA 1* and Equal Level Echo Path Loss for *BellSouth SWA FGC*, *BellSouth SWA FGD*, *BellSouth SWA TSBSA 2* and *BellSouth SWA TSBSA 3* 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 or via an access tandem. The ERL and SRL also differ by *BellSouth SWA FG* or *BellSouth SWA Basic Serving Arrangement*, type of termination, and type of transmission path. They are equal to or greater than the following:

(T)

Routing Configuration	Echo Return Loss	Singing Return Loss
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		
For <i>BellSouth SWA FGB</i> and <i>BellSouth SWA TSBSA 1</i> access	8 dB	4 dB

Note 1: For *BellSouth SWA FGC*, *BellSouth SWA FGD* and *BellSouth SWA TSBSA 2* and *BellSouth SWA TSBSA 3*, only Type B2 will be provided. For *BellSouth SWA FGA*, *BellSouth SWA FGB*, *BellSouth SWA LSBSA* and *BellSouth SWA TSBSA 1*, Type B1 or B2 will be provided as set forth in Technical Reference TR-NPL-000334

(T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

Third Revised Page 33
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E6. BELLSOUTH SWA SERVICE (T)

E6.4 Transmission Specifications (Cont'd)

E6.4.1 Standard Transmission Specifications (Cont'd)

B. Type B Transmission Specifications (Cont'd)

5. Echo Control (Cont'd)

Routing Configuration	Echo Return Loss	Singing Return Loss	
For <i>BellSouth SWA</i> FGC and <i>BellSouth SWA</i> TSBSA 2 access (Effective 4-Wire transmission path at end office)	16 dB	11 dB	(T)
For <i>BellSouth SWA</i> FGC and <i>BellSouth SWA</i> TSBSA 2 access (Effective 2-Wire transmission path at end office)	13 dB	6 dB	(T)

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 band relative to loss at 1004 Hz is -2.0 dB to +5.5 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:

Route Miles	C-Message Noise¹	
	Type C1	Type C2
less than 50	32 dBmCO	38 dBmCO
51 to 100	33 dBmCO	39 dBmCO
101 to 200	35 dBmCO	41 dBmCO
201 to 400	37 dBmCO	43 dBmCO
401 to 1000	39 dBmCO	45 dBmCO

4. C-Notch Noise

The maximum C-Notch Noise, utilizing a-16 dBmO holding tone is less than or equal to 47 dBmCO.

Note 1: For *BellSouth SWA FGC*, *BellSouth SWA FGD* and *BellSouth SWA* TSBSA 2 and *BellSouth SWA* TSBSA 3, only Type C2 will be provided. For *BellSouth SWA FGA*, *BellSouth SWA FGB*, *BellSouth SWA* LSBSA and *BellSouth SWA* TSBSA 1, Type C1 or C2 will be provided as set forth in Technical Reference TR-NPL-000334 (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

(T)

E6.4 Transmission Specifications (Cont'd)

E6.4.1 Standard Transmission Specifications (Cont'd)

C. Type C Transmission Specifications (Cont'd)

5. Echo Control

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:

Routing Configuration	Echo Return Loss	Singing Return Loss
POT to End Office		
- Direct	13 dB	6 dB

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

Third Revised Page 35
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E6. BELLSOUTH SWA SERVICE (T)

E6.4 Transmission Specifications (Cont'd)

E6.4.2 Data Transmission Parameters

Two types of Data Transmission Parameters, i.e., Type DA and Type DB, are provided for *BellSouth SWA FG* arrangements and *BellSouth SWA Basic Serving Arrangements*. The specific applications in terms of *BellSouth SWA FG /BellSouth SWA Basic Serving Arrangements* with which they are provided are set forth in E6.2.1.C., E6.2.2.C., E6.2.3.C., E6.2.4.C., E6.2.8.C., E6.2.9.A.3., E6.2.9.B.3., and E6.2.9.C.3. preceding. Following are descriptions of each. (T)

A. 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 33 dB.

2. Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

604 to 2804 Hz

less than 50 route miles	500 microseconds
equal to greater than 50 route miles	900 microseconds

1004 to 2404 Hz

less than 50 route miles	200 microseconds
equal to or greater than 50 route miles	400 microseconds

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

First Revised Page 36
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E6. BELLSOUTH SWA SERVICE

(T)

E6.4 Transmission Specifications (Cont'd)

E6.4.2 Data Transmission Parameters (Cont'd)

A. Data Transmission Parameters - Type DA (Cont'd)

3. Impulse Noise Counts

The Impulse Noise Counts exceeding a 65 dB_{rnCO} 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)	33 dB
-------------------	-------

Third Order (R3)	37 dB
------------------	-------

5. Phase Jitter

The Phase Jitter over the 4 to 300 Hz frequency band is less than or equal to 5 degrees peak-to-peak.

6. Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

B. Data Transmission Parameters - Type DB

1. Signal to C-Notched Noise Ratio

The Signal to C-Notched Noise Ratio is equal to or greater than 30 dB.

2. Envelope Delay Distortion

The maximum Envelope Delay Distortion for the frequency bands and route miles specified is:

604 to 2804 Hz

less than 50 route miles	800 microseconds
--------------------------	------------------

equal to or greater than 50 route miles	1000 microseconds
---	-------------------

1004 to 2404 Hz

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 dB_{rnCO} threshold in 15 minutes is no more than 15 counts.

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

Second Revised Page 37
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ISSUED: February 24, 1997
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E6. BELLSOUTH SWA SERVICE

(T)

E6.4 Transmission Specifications (Cont'd)**E6.4.2 Data Transmission Parameters (Cont'd)****B. Data Transmission Parameters - Type DB (Cont'd)**

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 to 300 Hz frequency band is less than or equal to 7 degrees peak-to-peak.

6. Frequency Shift

The maximum Frequency Shift does not exceed -2 to +2 Hz.

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.5 Obligations Of The Company

In addition to the obligations of the Company set forth in Section E2. preceding, the Company has certain other obligations pertaining only to the provision of *BellSouth SWA* service. These obligations are as follows: (T)

E6.5.1 Network Management

The Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the 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 Company network. The 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 *BellSouth SWA* service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the 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 E2.4.4.B.3. preceding. (T)

E6.5.2 Design And Traffic Routing Of BellSouth SWA Service

The customer desired line or trunk directionality and/or traffic routing of the *BellSouth SWA* service between the customer's premises and the entry switch are specified on the customer's order for service. The Company will work cooperatively with the customer in determining: (1) whether the service is to be routed directly to an end office, and (2) the directionality of the service before establishing a firm order. Additionally, for *BellSouth SWA FGB* and *BellSouth SWA* TSBSA 1 the customer may order the optional feature Customer Specification of *BellSouth SWA* Transport Termination. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

Sixth Revised Page 40
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E6. BELLSOUTH SWA SERVICE (T)

E6.5 Obligations Of The Company (Cont'd)

E6.5.6 Determination of Number of End Office Transport Terminations

For analog entry switches, a termination may be provided for each transmission path provided. For digital entry switches, an equivalent termination may be provided for each transmission path provided.

E6.5.7 Design Blocking Probability

- A. The Company will design and monitor the trunk groups used in the provision of *BellSouth SWA* service to meet the blocking probability criteria as set forth in 1. through 4. following. (T)
1. For *BellSouth SWA FGA*, and *BellSouth SWA LSBSA* no design blocking criteria apply. (T)
 2. For *BellSouth SWA FGB* and *BellSouth SWA FGC* and *BellSouth SWA TSBSA 1* and *BellSouth SWA TSBSA 2* the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's premises and the first point of switching. Standard traffic engineering methods will be used by the Company to determine the number of transmission paths required to achieve this level of blocking. (T)
 3. For *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3*, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's premises and the end office switch, whether the traffic is directly routed without an alternate route or when routed via an access tandem. Standard traffic engineering methods as set forth in reference document Technical Reference SR EOP-000191 Trunk Traffic Engineering Concepts and Applications will be used by the Company to determine the number of transmission paths required to achieve this level of blocking. (T)
 4. The design blocking criteria for *BellSouth SWA 500* service or *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* service provided from an end office not equipped with equal access capabilities will be equivalent to that set forth preceding *BellSouth SWA FGC* and *BellSouth SWA TSBSA 3* except when more than one tandem is employed in the transport of a *BellSouth SWA 500* service or *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* service call. The design blocking criteria for *BellSouth SWA 500* service or *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* service provided from an end office equipped with equal access capabilities will be equivalent to that set forth preceding for *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3* except when more than one tandem is employed in the transport of a *BellSouth SWA 500* service or an *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* service call. (T)
 5. The Company will perform routine measurement functions for trunk capacity ordered, in accordance with Company design blocking criteria to assure that an adequate number of transmission paths are in service. The 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 design blocking level. Where design blocking criteria apply, 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.
 - a. For transmission paths carrying only first routed traffic direct between an end office and a customer's premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

BELLSOUTH
 TELECOMMUNICATIONS
 TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

(T)

E6.5 Obligations Of The Company (Cont'd)

E6.5.7 Design Blocking Probability (Cont'd)

- A. (Cont'd)
 - 5. (Cont'd)
 - a. (Cont'd)

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Per Trunk Group			
	15-20 Measure- ments	11-14 Measure- ments	7-10 Measure- ments	3-6 Measure- ments
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

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

Third Revised Page 41
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E6. BELLSOUTH SWA SERVICE

(T)

E6.5 Obligations Of The Company (Cont'd)

E6.5.7 Design Blocking Probability (Cont'd)

- A. (Cont'd)
 - 5. (Cont'd)
 - b. For transmission paths carrying first routed traffic between an end office and a 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 Per Trunk Group			
	15-20 Measure- ments	11-14 Measure- ments	7-10 Measure- ments	3-6 Measure- ments
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	.025	.030	.040

E6.6 Obligations Of The Customer

In addition to the obligations of the customer set forth in Section E2. preceding, the customer has certain specific obligations pertaining to the use of *BellSouth SWA* service. These obligations are as follows:

(T)

E6.6.1 Report Requirements

- A. Customers are responsible for providing the following reports to the Company, when applicable.
 - 1. Jurisdictional Reports

When a customer orders *BellSouth SWA* service for both interstate and intrastate use, the customer is responsible for providing reports as set forth in E2.3.14 preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth in E2.3.15 preceding.
 - 2. 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 appropriate codes to be instituted in each end office or access tandem switch, for each of the arrangements ordered.

(T)

E6.6.2 Supervisory Signaling

The customer's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

(T)

E6.7 Rate Regulations (Cont'd)

E6.7.1 Description And Application Of Rates And Charges (Cont'd)

C. Nonrecurring Charges (Cont'd)

3. Service Rearrangements

Service rearrangements are changes to existing services which do not result in either a change in the minimum period requirements as set forth in E5.6 preceding or a change in the physical location of the point of termination at the customer's premises or the customer's end user's premises. Changes which result in the establishment of new minimum period obligations are treated as discontinuance of service and establishment of new service. Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in E6.7.7 following.

A change which results from a transfer of service, as set forth in E2.1.2 preceding, is described in 4. following and charged as set forth in E6.8.9 following.

Nonrecurring charges for service rearrangements apply to those additions, changes or rearrangements (excluding disconnection of optional features and BSEs) made subsequent to the installation of new service.

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves an actual physical change to the service. When actual physical work is required to rearrange the service, the charge to the customer is dependent upon where the work is performed to accomplish the requested change. The applicable charges for service rearrangements are charged on a transmission path, end office and/or end office and tandem level as specified in E6.8 following.

a. Administrative changes, as identified following, will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the Access Service). Administrative changes are as follows:

- Change of customer name, (i.e., the customer of record does not change but rather the customer of record changes it name - e.g., AT&T Long Lines to AT&T Communications),

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.7 Rate Regulations (Cont'd)

E6.7.1 Description And Application Of Rates And Charges (Cont'd)

C. Nonrecurring Charges (Cont'd)

4. Transfer of Service

When a change in billing data (e.g., name, address, contact name, or telephone number) is requested in association with a change in the customer of record, transfer of service charges, as set forth in E6.8.9 following will apply. Charges are applied on a Billing Account Number (BAN) basis. In addition, there are separate charges for transfer of service work associated with **BellSouth SWA** lines or trunks. These charges will be assessed on a per line basis for line side connections and/or on a per trunk basis for trunk side connections. (T)

Transactions involving only subscription changes to the customer's end users' lines are not considered a transfer of service nor a service rearrangement. Subscription change charges are found in Section E13. following.

D. Application of Rates

The specific application of these rates for a specific customer is dependent upon the type of service ordered by the customer.

The following rules provide the basis for applying the rates and charges:

1. Premium rates apply to all **BellSouth SWA** FGC and **BellSouth SWA** TSBSA 2 access minutes and to all access minutes that originate or terminate at end offices equipped with equal access (i.e., **BellSouth SWA** FGD and **BellSouth SWA** TSBSA 3) capabilities. (T)
2. Premium rates apply for MTS/WATS-type **BellSouth SWA** FGA and **BellSouth SWA** LSBSA, and **BellSouth SWA** FGB and **BellSouth SWA** TSBSA 1 access minutes (measured or assumed) when the originating and terminating usage is from or to an end office which is not equipped with equal access capabilities. (T)
3. Premium rates apply to all access minutes (measured or assumed) generated by **BellSouth SWA** FGA and **BellSouth SWA** LSBSA FX/ONAL services from or to an end office which is not equipped with equal access capabilities. (T)
4. Where **BellSouth SWA** FGD is provided, and the Company is unable to record the terminating usage with sufficient specificity to identify the access customer of record, the Billing Data information specified in E.6.6.5 preceding will be used to determine the billable access minutes. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

(T)

E6.7 Rate Regulations (Cont'd)

E6.7.3 Reserved For Future Use

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE

(T)

E6.7 Rate Regulations (Cont'd)**E6.7.4 Minimum Monthly Charge**

A. *BellSouth SWA* service is subject to a minimum monthly charge. The minimum charge applies for the total capacity provided. The minimum monthly charge is determined as follows: (T)

1. The minimum monthly charge for the Local Switching rate element is the sum of the charges as set forth in E6.8.1 and E6.8.3 following for the measured or assumed usage for the month.
2. The minimum monthly charge for *BellSouth SWA* Transport is the sum of the recurring rates as set forth in E6.8.1 following, and the measured or assumed usage for the month. (T)

E6.7.5 Reserved For Future Use

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.7 Rate Regulations (Cont'd)

E6.7.5 Reserved For Future Use

E6.7.6 Change Of Service Category Type

- A. Changes from one type of Service Category to another will be treated as a discontinuance of one type of service and a start of another. Nonrecurring charges will apply, with three exceptions.
1. When a customer upgrades a **BellSouth SWA FGA** or **BellSouth SWA FGB** service to a **BellSouth SWA FGD** service, the nonrecurring charges will not apply if the following conditions are met:¹
 - a. The same customer premises is maintained, and
 - b. The disconnections of **BellSouth SWA FGA** service and the start of **BellSouth SWA FGD** service are within the same LATA; or the disconnections of **BellSouth SWA FGB** service and the start of **BellSouth SWA FGD** service are within the same tandem subtending area.
 - c. In instances of **BellSouth SWA FGA** upgrades to **BellSouth SWA FGD**, to obtain credit for **BellSouth SWA FGD** nonrecurring charges, the customer must place an order for **BellSouth SWA FGA** disconnects within 180 days of conversion of the **BellSouth SWA FGD** end office to equal access.
 - d. In instances of **BellSouth SWA FGB** upgrades to **BellSouth SWA FGD**, whether installed at the tandem or the converting end office, the **BellSouth SWA FGB** service disconnects must be placed within ninety days of completion of the **BellSouth SWA FGD** service order, with a disconnect date of no more than thirty days from the placement of the disconnect ASR, to equal access in order to obtain credit for **BellSouth SWA FGD** nonrecurring charges.
 - e. In order to receive nonrecurring charge credit for the installation of **BellSouth SWA FGD** as outlined in a. thru d. preceding, it is the responsibility of the customer to provide all related purchase order numbers pertaining to the disconnection of **BellSouth SWA FGA** and/or **BellSouth SWA FGB** service and the installation of **BellSouth SWA FGD** service. Nonrecurring charges will apply for the **BellSouth SWA FGD** service when it is installed, however, credits for the **BellSouth SWA FGD** nonrecurring charges will be issued upon disconnect of the **BellSouth SWA FGA** or **BellSouth SWA FGB** service. This credit will be made on a line for trunk (**BellSouth SWA FGA** or **BellSouth SWA FGD**) or trunk for trunk (**BellSouth SWA FGB** to **BellSouth SWA FGD**) basis. Provisions of E2.4 preceding do not apply to these credits for nonrecurring charges.
 2. When a **BellSouth SWA FGC** or **BellSouth SWA TSBSA 2** service is upgraded to a **BellSouth SWA FGD** or **BellSouth SWA TSBSA 3** service, the nonrecurring charge will not apply. Because **BellSouth SWA FGC** or **BellSouth SWA TSBSA 2** is no longer available in an end office once the end office is equipped with equal access capabilities (i.e., **BellSouth SWA FGD** or **BellSouth SWA TSBSA 3**), such upgrades will be performed by the Company without the customer being required to place an order for the change.
 3. When a customer initially changes from an existing **BellSouth SWA FG** service to the equivalent unbundled service (i.e., **BellSouth SWA FGA** to **BellSouth SWA LSBSA**, **BellSouth SWA FGB** to **BellSouth SWA TSBSA 1**, **BellSouth SWA FGC** to **BellSouth SWA TSBSA 2**, and **BellSouth SWA FGD** to **BellSouth SWA TSBSA 3**), the nonrecurring charge will not apply. (After the initial change of a customer's service from an existing **BellSouth SWA FG** to a **BellSouth SWA Basic Serving Arrangement**, all subsequent conversions of that service from **BellSouth SWA Basic Serving Arrangement** to **BellSouth SWA FG** and vice versa, will incur the applicable nonrecurring charges.) The addition of local switching optional features or BSEs, however, will incur the applicable nonrecurring charges.

Note 1: References to **BellSouth SWA FG** include the corresponding **BellSouth SWA Basic Serving Arrangement** references. For example, reference of an upgrade from **BellSouth SWA FGA** to **BellSouth SWA FGD**, would include the corresponding **BellSouth SWA Basic Serving Arrangement** upgrade from **BellSouth SWA LSBSA** to **BellSouth SWA TSBSA 3**.

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.7 Rate Regulations (Cont'd)

E6.7.8 Measuring Access Minutes

Customer traffic to end office switches will be measured (i.e., recorded or assumed) by the Company at end office switches or access tandem switches. Originating and terminating calls will be measured (i.e., recorded or assumed) by the Company to determine the basis for computing chargeable access minutes. For terminating calls over *BellSouth SWA FGA*, *BellSouth SWA FGB*, *BellSouth SWA FGC*, *BellSouth SWA LSBSA* or *BellSouth SWA TSBSA 1* or *BellSouth SWA TSBSA 2* to *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* and *BellSouth SWA FGD* or *BellSouth SWA TSBSA 3* and for originating calls over *BellSouth SWA FGA* or *BellSouth SWA LSBSA* where the off-hook supervisory signal is provided by the customer's equipment and *BellSouth SWA FGB*, *BellSouth SWA FGD* and *BellSouth SWA TSBSA 1* and *BellSouth SWA TSBSA 3*, the measured minutes are the chargeable access minutes. For originating calls over *BellSouth SWA FGA* or *BellSouth SWA LSBSA* where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers and *BellSouth SWA FGC* and *BellSouth SWA TSBSA 2* chargeable originating access minutes are derived from recorded minutes in the following manner. (T)

Step 1: Obtain recorded originating minutes and messages (measured as set forth in A. and C. following for *BellSouth SWA FGA* and *BellSouth SWA LSBSA* where off-hook supervisory signal is forwarded by the customer's equipment when the called party answers and *BellSouth SWA FGC* or *BellSouth SWA TSBSA 2* respectively) from the appropriate recording data. (T)

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, 500, 800 and directory assistance from a sample study which analyzes the ultimate completion status of the total attempts which receive acknowledgment 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 incompleting attempts. The total NCTA is the time on a completed attempt from customer acknowledgment 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 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

$$(1) \text{ Total Attempts} = 1,000 \text{ (M. Mes.)} \cdot .75 \text{ (CR)} = 1,333.33$$

$$(2) \text{ Total NCTA} = .4 \text{ (NCTA per Attempt)} \times 1,333.33 = 533.33$$

$$(3) \text{ Total Chargeable Originating Access Minutes} = 7,000 \text{ (M. Min.)} + 533.33 \text{ (NCTA)} = 7,533.33$$

When assumed minutes are used, the assumed minutes are the chargeable access minutes.

BellSouth SWA FGA and *BellSouth SWA LSBSA* 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. *BellSouth SWA FGB*, *BellSouth SWA FGC*, *BellSouth SWA FGD* and *BellSouth SWA TSBSA* access minutes or fraction 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. (T)

Assumed minutes are used for *BellSouth SWA FGA* and *BellSouth SWA LSBSA* services which originate or terminate in end offices not equipped with measurement capabilities. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.7 Rate Regulations (Cont'd)

E6.7.8 Measuring Access Minutes (Cont'd)

The assumed average intrastate access minutes used for *BellSouth SWA* FGA and *BellSouth SWA* LSBSA is as set forth following. (T)

When a *BellSouth SWA* FGA or *BellSouth SWA* LSBSA service arranged for two-way calling is provided where the originating and/or terminating access minutes are not recorded, the assumed average intrastate access minutes, by direction, are shown below. Where one direction is measured and the other is not, the assumed minutes for the unmeasured direction are used. However, the total minutes will not exceed the actual recorded minutes or the sum of the originating and terminating assumed minutes, whichever is greater. (T)

When a *BellSouth SWA* FGA or *BellSouth SWA* LSBSA service arranged for one-way (i.e., originating only or terminating only) calling is provided where the access minutes are not recorded, the assumed average intrastate access minutes of use are shown as follows: (T)

	Assumed Average Intrastate Access Minutes			
	Two-Way		Originating	Terminating
	Originating	Terminating	Only	Only
Tennessee	3681	2997	1961	4665

A. *BellSouth SWA* FGA and *BellSouth SWA* LSBSA Usage Measurement (T)

For originating calls over *BellSouth SWA* FGA and *BellSouth SWA* LSBSA, usage measurement begins when the originating FGA or LSBSA entry switch receives an off-hook supervisory signal forwarded from the customer's point of termination. (T)

The measurement of originating call usage over *BellSouth SWA* FGA or *BellSouth SWA* LSBSA ends when the originating *BellSouth SWA* FGA or *BellSouth SWA* LSBSA 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. (T)

For terminating calls over *BellSouth SWA* FGA or *BellSouth SWA* LSBSA, usage measurement begins when the terminating *BellSouth SWA* FGA or *BellSouth SWA* LSBSA 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 *BellSouth SWA* FGA or *BellSouth SWA* LSBSA ends when the terminating *BellSouth SWA* FGA or *BellSouth SWA* LSBSA 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. (T)

B. *BellSouth SWA* FGB and *BellSouth SWA* TSBSA 1 Usage Measurement (T)

For originating calls over *BellSouth SWA* FGB or *BellSouth SWA* TSBSA 1, usage measurement begins when the originating *BellSouth SWA* FGB or *BellSouth SWA* TSBSA 1 entry switch receives answer supervision forwarded from the customer's point of termination, indicating the customer's equipment has answered. (T)

The measurement of originating call usage over *BellSouth SWA* FGB and *BellSouth SWA* TSBSA 1 ends when the originating *BellSouth SWA* FGB or *BellSouth SWA* TSBSA 1 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. (T)

For terminating calls over *BellSouth SWA* FGB and *BellSouth SWA* TSBSA 1, usage measurement begins when the terminating *BellSouth SWA* FGB or *BellSouth SWA* TSBSA 1 entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered. (T)

The measurement of terminating call usage over *BellSouth SWA* FGB and *BellSouth SWA* TSBSA 1 ends when the terminating *BellSouth SWA* FGB or *BellSouth SWA* TSBSA 1 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. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.7 Rate Regulations (Cont'd)

E6.7.8 Measuring Access Minutes (Cont'd)

C. *BellSouth SWA FGC* and *BellSouth SWA TSBSA 2* Usage Measurement (T)

For originating calls over *BellSouth SWA FGC* and *BellSouth SWA TSBSA 2*, usage measurement begins when the originating *BellSouth SWA FGC* or *BellSouth SWA TSBSA 2* entry switch receives answer supervision from the customer's point of termination, indicating the called party has answered. (T)

The measurement of originating call usage over *BellSouth SWA FGC* and *BellSouth SWA TSBSA 2* ends when the originating *BellSouth SWA FGC* or *BellSouth SWA TSBSA 2* 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. (T)

For terminating calls over *BellSouth SWA FGC* and *BellSouth SWA TSBSA 2* to services other than *BellSouth SWA 500*, *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* or *BellSouth* Directory Assistance *Access*, terminating *BellSouth SWA FGC* and *BellSouth SWA TSBSA 2* usage may not be directly measured at the terminating entry switch, but may be imputed from originating usage, excluding usage from calls to *BellSouth SWA 500*, *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* or *BellSouth* Directory Assistance *Access* services. Actual measured usage will be used where available rather than an imputed value. (T)

For terminating calls over *BellSouth SWA FGC* and *BellSouth SWA TSBSA 2* to *BellSouth SWA 500* or *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* service, usage measurement begins when the terminating *BellSouth SWA FGC* or *BellSouth SWA TSBSA 2* entry switch receives answer supervision from the terminating end user's end office, indicating the terminating *BellSouth SWA 500* or *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* service end user has answered. (T)

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BellSouth SWA SERVICE (T)

E6.7 Rate Regulations (Cont'd)

E6.7.8 Measuring Access Minutes (Cont'd)

C. BellSouth SWA FGC and BellSouth SWA TSBSA 2 Usage Measurement (Cont'd) (T)

The measurement of terminating call usage over *BellSouth SWA FGC* and *BellSouth SWA TSBSA 2* to *BellSouth SWA 500* or *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* service ends when the terminating *BellSouth SWA FGC* or *BellSouth SWA TSBSA 2* entry switch receives an on-hook supervisory signal from the terminating end user's end office, indicating the terminating *BellSouth SWA 500* or *BellSouth SWA 8XX Toll Free Dialing Ten Digit Screening* service end user has disconnected, or from the customer's point of termination, whichever is recognized first by the entry switch. (T)

D. BellSouth SWA FGD and BellSouth SWA TSBSA 3 Usage Measurement (T)

For originating calls over *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3* with *BellSouth SWA CCSAC*, usage measurement begins when the last point of switching sends the initial address message to the customer. (T)

The measurement of originating call usage over *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3* ends when the originating *BellSouth SWA FGD* or *BellSouth SWA TSBSA 3* 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. (T)

For terminating calls over *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3*, measurement of access minutes begins when the terminating *BellSouth SWA FGD* or *BellSouth SWA TSBSA 3* entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered. (T)

The measurement of terminating call usage over *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3* ends when the terminating *BellSouth SWA FGD* or *BellSouth SWA TSBSA 3* 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. (T)

E6.7.9 Network Blocking Charge For BellSouth SWA FGD and BellSouth SWA TSBSA 3

The customer will be notified by the Company to increase its capacity (trunks) when excessive trunk group blocking occurs on groups carrying *BellSouth SWA FGD* or *BellSouth SWA TSBSA 3* traffic. Excessive trunk group blocking occurs when the blocking thresholds as described in E6.5.7 preceding are exceeded. If the order for sufficient additional capacity to handle the customers traffic has not been received by the Company within 15 days of the notification, the Company will bill the customer, at the rate set forth in E6.8.1.C. following, for each overflow in excess of the chargeable threshold. (T)

Chargeable Thresholds

For Trunk Groups as Specified in E6.5.7

Trunk Group Size	Allowable Overflows Per Trunk Per Month
1-2	18
3-4	19
5-6	13
7-40	10
41-139	9
140-500	8
501 or greater	7

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

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E6. BellSouth SWA SERVICE

(T)

E6.7 Rate Regulations (Cont'd)

E6.7.9 Network Blocking Charge For BellSouth SWA FGD and BellSouth SWA TSBSA 3 (Cont'd)

(T)

For Trunk Groups as Specified in E6.5.7.A.4.b.

Trunk Group Size	Allowable Overflows Per Trunk Per Month
1-4	10
5-6	8
7-125	6
126 or greater	5

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BellSouth SWA SERVICE

(T)

E6.8 Rates And Charges (Cont'd)

E6.8.1 BellSouth SWA Transport (Cont'd)

(T)

H. Optional Features

1. Supervisory Signaling

DX Supervisory Signaling arrangement, per Transmission Path¹
SF Supervisory Signaling arrangement, per Transmission Path²
E&M Type I Supervisory Signaling arrangement, per Transmission Path¹
E&M Type II Supervisory Signaling arrangement, per Transmission Path¹

FID

NCI ++DX+
NCI ++SF+
NCI ++EA+
NCI ++EB+

Note 1: Available with Interface Groups 1 and 2.

Note 2: Available with Interface Groups 2, 6 and 9.

BELLSOUTH
TELECOMMUNICATIONS
TENNESSEE

ACCESS SERVICES TARIFF

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E6. BELLSOUTH SWA SERVICE (T)

E6.8 Rates And Charges (Cont'd)

E6.8.6 Message Unit Credit

- A. Message Unit Credit
 - 1. Per originating access minute

(a) Equals a negative amount.	Rate	USOC
	\$.00120	NA

E6.8.7 Reserved For Future Use

E6.8.8 Service Rearrangements

- A. Change of Service
 - 1. Submitted on the Same ASR¹

(a) Per request	Nonrecurring Charge	USOC
	\$92.00	NRBFA

- B. *BellSouth SWA FGA* and *BellSouth SWA LSBSA* (T)

- 1. Line Side Service
 - (a) Per transmission path² **10.00** **NRBFB**

- C. *BellSouth SWA FGB*, *BellSouth SWA FGC*, *BellSouth SWA FGD* and *BellSouth SWA TSBSA* (T)

- 1. Trunk Side Service
 - (a) Per transmission path² **5.00** **NRBFC**

- D. Common Block

- 1. Translations Related
 - (a) Per end office and tandem office affected^{2,3} **62.00** **NRBFD**

- E. 64 CCC Option

- 1. *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3* with *BellSouth SWA CCSAC* (T)

(a) Per transmission path ²	Nonrecurring Charge		USOC
	First	Additional	NRBFF
	\$470.00	\$76.00	

- F. *BellSouth SWA Transport* (T)

- 1. Per rearrangement
 - (a) *BellSouth SWA DS1* **866.97** **486.83** **NRBD1** (T)
 - (b) *BellSouth SWA DS3* **870.50** **427.88** **NRBD3** (T)

- G. *BellSouth SWA 500 Service* (T)

- 1. Change in dialing capability
 - (a) Per NXX per end office and tandem office affected¹ **Nonrecurring Charge** **USOC**
 - \$15.00** **NRBFG**

Note 1: Services requested on multiple ASRs will be treated as one request when requirements, as specified in E6.1.7, are met.

Note 2: This charge is in addition to that set forth in E6.8.8.A.

Note 3: For translation changes to allow 950 dialing on existing *BellSouth SWA FGD* and *BellSouth SWA TSBSA 3* trunks, this charge is applied per each 950 number converted, per end office and tandem office affected. (T)