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A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's)

A35.1.1 General

- A. The services offered herein are for use by Mobile Service Providers (MSPs) to allow interconnection of the wireless or radio network of these carriers to that part of the Public Switched Network (PSN) owned and operated by the Company. (MSPs are commercial mobile radio services (CMRS) providers operating under authority of the FCC, as defined in the FCC Rules and Regulations, Part 20. The term MSP shall also include authorized resellers of CMRS and prospective CMRS providers who have been declared spectrum auction winners by the FCC.) Circuits furnished by the Company to Mobile Service Providers (MSPs) which do not connect to the PSN, such as radio transmitter control links, are not covered in this *Guidebook*. (T)
- B. Except as noted, services provided in this Section are subject to all general *terms and conditions* applicable to the provision of service by the Company as stated in Section A2. (T)
- C. The services provided under this *Guidebook* shall be used by the MSP only for the handling of traffic originating or terminating on the MSP's network in conjunction with its authorized services. (T)
- D. The services provided by the Company shall not be connected together by the MSP, except on an ancillary basis such as call forwarding, for the purpose of completing a call from one landline telephone to another landline telephone.
- E. The conditions and rates specified in other tariffs for services which may be associated with these services are in addition to those specified herein.
- F. DS1 Service
1. The price for a digital trunk termination used in providing DS1 service for twenty-four voice equivalent channel increments contemplates the termination of all twenty-four channels at the same Company switch and at the same physical location at the Company switch. When the mixing of services on the same DS1 does not meet these requirements, the rates and charges for less than twenty-four voice equivalent channels are applicable.
 2. The mixing of "line side" and "trunk side" services on the same DS1 is considered to be terminating service at two different physical locations at the Company switch. BellSouth CMRS Local Loop Lines, one-way outward BellSouth CMRS Local Loop Trunks, and two-way BellSouth CMRS Local Loop Trunks are "line side" connections to the Company switch. One-way inward BellSouth CMRS Local Loop Trunks, BellSouth CMRS Type 1 Trunks, BellSouth CMRS Type 2A Trunks, BellSouth CMRS Type 2B Trunks, and 800/DID Service Access trunks are considered "trunk side" connections to the Company switch.
 3. Because BellSouth CMRS Type 1 Trunks and BellSouth CMRS Type 2A Trunks terminate at different physical locations at a Company switch, then the mixing of these services on the same DS1 requires that the rates for less than twenty-four voice equivalent channels be applied.
- G. Service Installation Guarantee
1. The Company assures that orders for services will be installed and available for customer use no later than the end of normal business hours on the Service Date which is the negotiated date that service is to be made available to the MSP. This Service Installation Guarantee will be in effect for Service Dates negotiated on or after June 17, 1996 and is applicable only to services specified in A35.1 and A35.3.
 2. The failure of the Company to meet this commitment will result in the credit of an amount equal to the nonrecurring charges associated with the individual service having the missed Service Date being applied to the MSP's bill. The credit will include only nonrecurring charges associated with the services rated in A35.1 and A35.3 for which nonrecurring charges are applicable and listed. The nonrecurring charges will be credited at the rate at which they were billed. The credit will not be provided if a credit of the same nonrecurring charge for the same service is provided under any other provisions of this *Guidebook*. (T)
 3. For Service Installation Guarantee to apply to the establishment of a dedicated NXX or the subsequent movement of that NXX, the MSP must define the related trunking information necessary to successfully complete an end-to-end test. The MSP must associate the dedicated NXX with an existing active trunk group (two-way or one-way inward) or must establish a new trunk group (two-way or one-way inward) to associate with the dedicated NXX. If a new trunk group is established for this purpose, it must be activated ten days prior to the Service Date of the new or relocated dedicated NXX.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.1 General (Cont'd)

G. Service Installation Guarantee (Cont'd)

4. Service Installation Guarantees do not apply:
 - a. when failure to meet the Service Date occurs because of:
 - (1) any act or omission of this MSP, any other MSP or any third party, or of any other entity providing a portion of a service,
 - (2) labor difficulties, governmental orders, civil commotions, criminal actions against the Company, acts of God, war or other circumstances beyond the Company's control,
 - (3) unavailability of the customer's facilities and/or equipment,
 - b. to service requiring Special Construction as set forth in Section A5.
 - c. to Specialized Service or Arrangements or on an Individual Case Basis as set forth in Section A5.
 - d. when alternate arrangements for SS7 signaling links are utilized.

In addition, Service Installation Guarantee will not apply during a declared National Emergency.

H. Other Associated Terms, Rates and Conditions

1. These services are offered at the rates specified herein from central offices where necessary service options are available.
2. The rates contained in this offering contemplate the use of standard serving arrangements normally provided by the Company. Non-standard facility requirements, equipment, or service options may be requested via the special assembly process as defined in Section A5.
3. In order to provide compliant interconnection arrangements, it may be necessary for the Company to place equipment at the MSP's point of termination. The MSP shall furnish or arrange to have furnished to the Company, at no charge, equipment space and electrical power required by the Company to provide services. The MSP shall also provide the Company reasonable access for installing, testing, maintaining, or removing equipment. Facilities and equipment utilized by the Company to provide services under the provisions of this Guidebook shall remain the property of the Company and shall be returned to the Company by the MSP upon reasonable request.
4. MegaLink service, MegaLink Light service, MegaLink channel service, SMARTRing service and LightGate service from Guidebook Section B7. are used to rate certain portions of DS1 service offered. The terms and conditions which apply for those services apply here, except that the month to month rates for these services, as specified in B7., may be applied without the MSP fulfilling any minimum contract period. However, a minimum initial service period may apply, as specified in Section B7. of the Private Line Guidebook.
5. Directory listings for MSP's are provided in accordance with *terms, conditions* and rates found in Section A6. (T)
6. Clients of the MSP may be provided directory listings as specified in A6.6.2 Business Additional Listing.
7. Charges for Operator Assisted Local Call and Local Operator Verification/Interruption Service as defined in Section A3. are applicable and will be individually itemized on the MSP's bill.
8. Charges for IntraLATA Long Distance Operator Verification/Interruption Service as defined in Section A18. are applicable and will be individually itemized on the MSP's bill.
9. When the MSP wants to prohibit third number and collect calls to mobile numbers, Billed Number Screening is available upon request per A2.2.14. Certain calls cannot be screened, including but not limited to calls handled by independent Company (ICO) operators, Maritime, Air-to-Ground, and International calls, or calls handled by companies that do not subscribe to the data base where toll billing exception data is stored. The MSP is, however, responsible for the charges for these calls.
10. The appropriate service charges in Section A4. apply to the establishment and rearrangement of service provided under this section. In addition, the nonrecurring charges specified in A35.1.6 shall apply for connection of service or rearrangement.
11. Billing disputes must be communicated to the Company in writing within 30 days from the billing date. The Company will make every effort to investigate such disputes and reconcile any differences within 30 days from receipt of such notification. If the billing amount is found to be correct, a late payment charge may be applicable, per Section A2. (T)(M)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.1 General (Cont'd)

- I. Usage Charges for Mobile Originating Traffic (M)
 - 1. Usage charges apply to mobile originated calls, 1.) terminating within the local calling area (LCA), and 2.) inter-LCA/intraLATA calls terminating within the franchised serving area of the Company. InterLCA/intraLATA calls terminating within the franchised serving area and outside the state of Mississippi are also covered by this *Guidebook*. (T)
 - 2. Usage charges will not apply to calls to Company Business Offices, Directory Assistance, 911 Emergency Service, or operator assisted and other services for which a charge or surcharge already applies.
 - 3. The usage rates developed for mobile originating traffic, as referenced in 1. preceding, were developed using traffic mixes negotiated with Cellular industry representatives and rate elements from existing tariffs.
- J. Optional Land-to-Mobile (LTM) Calling Plan (T)
 - 1. An optional Land-to-Mobile (LTM) calling plan is available to the MSPs. The LTM option allows intraLATA toll calls and expanded Local Calling Area calls from telephone numbers served by the Company and terminating in the MSP network to be excluded from the originating customer's bill. This includes intraLATA calls from telephone numbers served by the Company outside the state of Mississippi. The exchanges served by the Company are listed in A3.6. The expanded Local Calling Area is defined in A3.2.9. Landline calls rated as local and within the basic Local Calling Area, as described in A3.6, are not covered by this plan. The MSP will pay a usage charge per A35.1.6.C.3. in lieu of charges which would have been applicable to the originating user.
 - 2. The LTM calling plan requires that an MSP dedicate an entire NXX for this option.
 - 3. LTM provides for 1/10 minute upward rounding for each call.
 - 4. Usage for LTM is billed by rounding each call. Summing the time for all calls during the billing period, multiplying the total time by the appropriate rate per minute, and rounding the result to the nearest whole cent. A minimum average time requirement (MATR) of 24 seconds is applicable. That is, if the average time per call for a billing period is less than 24 seconds, the usage will be computed as if all calls were 24 seconds in length.
- K. Usage Charges - Miscellaneous
 - 1. When the Company relies on data supplied by the MSP to prepare and render a bill to the MSP, a right of audit by the Company is reserved. The audit of the call records shall be performed by an independent third party at the Company's discretion, but no more than annually. If the reported traffic is found to be understated by more than five percent, the MSP shall reimburse the Company for the reasonable cost of the audit.
 - 2. All usage charges (except Land-to-Mobile) are billed by rounding each call to the next whole minute.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

A. Voice Grade Service (Cont'd)

3. BellSouth CMRS Type 1 or BellSouth CMRS Type 2 Circuits (4 wire)

a. Facilities

(1) Local Loop¹

	Nonrecurring Charge	Monthly Rate	USOC
(a) Local loop, 1st	\$350.00	\$45.00	BSVVG
(b) Local loop, each additional ²	150.00	45.00	BSVVG

b. Signaling

(1) E&M

(a) Per local loop, required	43.00	10.00	BSVEM
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c. C.O. Equipment termination

(1) Trunk termination

(a) Per local loop	24.95	35.60	BSVTP
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4. Interoffice channels

The following rates and charges apply when the carrier requests connection to a wire center which is not the normal serving wire center for the carrier location.

(a) 0 thru 8 miles, fixed charge (per channel)	94.00	30.00	BSVEN
(b) 0 thru 8 miles, per airline mile or fraction thereof	-	2.05	BSVEN
(c) 9 thru 25 miles, fixed charge (per channel)	94.00	30.00	BSVEN
(d) 9 thru 25 miles, per airline mile or fraction thereof	-	2.00	BSVEN
(e) Over 25 miles, fixed charge (per channel)	94.00	30.00	BSVEN
(f) Over 25 miles, per airline mile or fraction thereof	-	1.95	BSVEN

B. DS1 Service³

1. Twenty Four (24) Voice Equivalent Channel Increments

a. Facilities

(1) Facilities are provided at the rates specified for MegaLink service, MegaLink Light service and SMARTRing service as described following, or LightGate service as contained in B7. of the Private Line *Guidebook*. Note that any service establishment fee for MegaLink service or MegaLink Light service is applicable. SMARTRing service as described following or LightGate service (a.k.a. BellSouth SPA Point to Point Network) from the Company's F.C.C. No.1 Tariff, Section 7, may also be utilized. (T)

(2) SMARTRing service as provided in Section B7. of the intrastate Private Line *Guidebook* as of November 8, 1995 may be utilized. If additions or changes are subsequently made to SMARTRing service in Section B7. of the intrastate Private Line *Guidebook*, then SMARTRing service with the additions or changes will become available for use in this *Guidebook* thirty days after the effective date of those changes in Section B7. of the Private Line *Guidebook*. (T)

b. Trunk termination (M)

(1) At the Company switch, service after 11-01-90, per DS1 (M)

	Nonrecurring Charge	Monthly Rate	USOC
(b) Analog or Digital Company switch	\$90.00	\$156.75	UTQ (M)

(2) At the Company switch, service prior to 11-01-90 (M)

(a) Analog Company switch	-	86.70	BSVTM (M)
(b) Digital Company switch	-	86.70	BSVTQ (M)

Note 1: A local loop extends from the carrier location to the serving wire center.

Note 2: Each additional loop from the same carrier location to the same wire center.

Note 3: DS1 service denotes 24 voice grade channels encoded at 1.544 Mbps in accordance with the North American hierarchy of digital signal levels.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

B. DS1 Service¹ (Cont'd)

- 2. Less than Twenty Four (24) Voice Equivalent Channels (M)
 - a. Facilities
 - (1) Facilities are provided at the rates specified for MegaLink service, MegaLink Light service and SMARTRing service as described following or LightGate service, contained in Section B7. of the Private Line *Guidebook*. Note that any service establishment fee for MegaLink service and MegaLink Light service is applicable. SMARTRing service as described following or LightGate service (a.k.a. BellSouth SPA Point to Point Network) from the Company's F.C.C. No. 1 Tariff, Section 7, may also be utilized. (T)
 - (2) SMARTRing service as provided in Section B7. of the intrastate Private Line *Guidebook* as of November 8, 1995 may be utilized. If additions or changes are subsequently made to SMARTRing service in Section B7. of the intrastate Private Line *Guidebook*, then SMARTRing service with the additions or changes will become available for use in this Tariff thirty days after the effective date of those changes in Section B7. of the Private Line *Guidebook*. (T)
 - b. Channelization
 - (1) Channelization is provided at the rates specified for MegaLink channel service, per B7.3 of *the Private Line Guidebook*, to include a basic system of 24 channels at the central office, plus feature activation charges for the number of channels ordered. (T)
 - c. Voice grade trunk terminations

When less than 24 channels are provided on DS1 service, rates and charges for voice grade trunk terminations apply in addition to facility and channelization rates and charges, for one-way inward BellSouth CMRS Local Loop Trunks, BellSouth CMRS Type 1A, and BellSouth CMRS Type 2B circuits. A voice grade trunk termination applies for each channel activated.

 - (1) BellSouth CMRS Local Loop Trunks

(a) Direct Inward Dialing (DID) trunk termination equipped for dial pulse address pulsing	50.00	26.00	RTBAX
(b) DID trunk termination equipped for dual tone multifrequency (DTMF) address pulsing	50.00	33.50	RTBBX
(c) DID trunk termination equipped for multifrequency (MF) address pulsing	50.00	33.50	RTBCX

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

B. DS1 Service¹ (Cont'd)

2. Less than Twenty Four (24) Voice Equivalent Channels (Cont'd)

c. Voice grade trunk terminations (Cont'd)

- (2) BellSouth CMRS Type 1, BellSouth CMRS Type 2A, BellSouth CMRS Type 2B or BellSouth Type 2C circuits

	Nonrecurring Charge	Monthly Rate	USOC BSVTP
(a) Per voice equivalent channel activated	\$24.95	\$35.60	
3. Network Access Service			
a. Control Access Register (CAR) package, per channel			
(1) BellSouth CMRS Type 1			
(a) Two-way	-	7.50	BSVSC
(b) One-way Inward (Company to MSP)	-	7.50	BSVS1
(c) One-way Outward (MSP) to Company)	-	7.50	BSVSO
(2) BellSouth CMRS Type 2A or BellSouth CMRS Type 2C			
(a) Two-way	-	7.50	BSVTC
(b) One-way Inward (Company to MSP)	-	7.50	BSVT1
(c) One-way Outward (MSP to Company)	-	7.50	BSVTO
(3) BellSouth CMRS Type 2B			
(a) Two-way	-	7.50	BSVMC
(b) One-way Inward (Company to MSP)	-	7.50	BSVM1
(c) One-way Outward (MSP to Company)	-	7.50	BSVMO
(4) BellSouth CMRS Local Loop Trunks			
(a) Two-way with expanded 7 digit dialing	-	7.50	CAR2T
(b) One-way Inward (Company to MSP)	-	7.50	CAR1T
(c) One-way Outward (MSP to Company) with expanded 7 digit dialing	-	7.50	CAROT
(5) BellSouth CMRS Local Loop Lines			
(a) Two-way with expanded 7 digit dialing	-	7.50	CAR2L
4. Channelization at the MSP location (optional)			(M)
a. Channelization may be provided upon request at the MSP location at the rates specified for MegaLink channel service, per B7.3 of <i>the Private Line Guidebook</i> , to include a basic system of 24 channels at the customer premises, plus feature activation charges for the number of channels ordered.			(T)(M)

Note 1: DS1 service denotes 24 voice grade channels encoded at 1.544 Mbps in accordance with the North American hierarchy of digital signal levels.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

C. Usage Rates

1. The following usage rates apply to mobile originated calls as defined in A35.1.1.1.1, preceding.

	Rate Per Minute Of Use	USOC	
(a) Mobile originated	\$.02054	NA	(M)
2. The optional Land-to-Mobile (LTM) calling plan is offered at the following rates.			
<i>a.</i> LTM - Option 2			(T)
(1) Upward rounding to the next 1/10 minute			
(a) LTM - Option 2	.035	NA	
3. (DELETED)			

A35. INTERCONNECTION OF MOBILE SERVICES

A35.1 Interconnection Services for Mobile Service Providers (MSP's) (Cont'd)

A35.1.6 Rates and Charges (Cont'd)

D. NXX Establishment Charge

- 1. The following charge applies to the establishment of a dedicated NXX.¹

	Nonrecurring Charge \$-	Monthly Rate \$-	USOC BSVAA
(a) Per NXX established			
E. Number assignments			
1. The following charges apply to the assignment of telephone numbers for inward dialing using BellSouth CMRS Type 1 circuits or BellSouth CMRS Local Loop Trunk.			
(a) Per group of 100 numbers, ² shared NXX	-	0.03	BSV1A
(b) Per group of 20 numbers, ² shared NXX	-	0.006	NDX
(c) Per group of 1000 numbers activated in a dedicated NXX	-	0.30	NADAA
(d) Per group of 100 numbers activated in a dedicated NXX	-	0.03	B10
(e) Per group of 100 numbers activated in a dedicated NXX with a scope of less than 100 numbers	-	0.03	B12

F. MSP Selective Class of Call Screening

- 1. The following monthly rates are applicable for MSP Selective Class of Call Screening.

	Monthly Rate	USOC
(a) Option 1, per BellSouth CMRS Local Loop Line or BellSouth CMRS Local Loop Trunk equipped ³	\$7.10	SRGM1
(b) Option 2, per BellSouth CMRS Local Loop Line or BellSouth CMRS Local Loop Trunk equipped ³	7.10	SRGM2
(c) Option 3, per BellSouth CMRS Type 1 MF Trunk equipped ³	7.10	SRGM3
(d) Option 4, per BellSouth CMRS Type 1 MF Trunk equipped ³	7.10	SRGM4

A35.2 (DELETED)¹

(M)

Note 1: Assignment of NXX codes is subject to code conservation measures as outlined in Bellcore TR-NPL-00275. When an MSP requests a subsequent dedicated NXX, it will be made available provided that at least seventy percent (70%) of the numbers in the already assigned NXX codes have been utilized by the MSP and the MSP has provided periodic forecasts of the number requirements to the Company.

Note 2: Numbers provided from this *Guidebook* section are sequential within a number group.

(T)

Note 3: See A35.1.1.N. for a description of the options.

Pages 8.1 through 11 are hereby deleted in their entirety and removed from this Guidebook.

(N)

A35. INTERCONNECTION OF MOBILE SERVICES

A35.3 Operator Services Interconnection

A35.3.1 Service Description

- A. Operator Services Interconnection (OSI) provides a connection between a Mobile Service Provider's (MSP's) switching equipment and a Traffic Operator Position System (TOPS) tandem switch. This interconnection will provide a direct transmission path to the Company's TOPS tandem switches. These Operator Services switches provide access to alternate billing services, Directory Assistance (DA) services, Directory Assistance/Directory Assistance Call Completion (DA/DACC) and general assistance services.
- B. This interconnection circuit will be one-way outward (MSP to TOPS tandem) only.
- C. At this time, the only service being offered via this interconnection is Directory Assistance/Directory Assistance Call Completion (DA/DACC) as specified in A3.25. (T)

A35.3.2 General

- A. Operator Services Interconnection (OSI) is provided by the Company where facilities and operating conditions permit.
- B. Except as noted, services provided in this sub-section are subject to all general regulations applicable to the provisioning of service by the Company as stated in Section A2. (T)
- C. The appropriate service charges in Section A4. apply to the establishment and rearrangement of service provided under this sub-section. In addition, the nonrecurring charges specified in A35.3.5 shall apply for connection of service or rearrangements.
- D. The rates contained in this offering contemplate the use of standard serving arrangements normally provided by the Company. Non-standard facility requirements, equipment, or service options may be requested via the special assembly process as defined in Section A5. (T)
- E. The services provided under this *Guidebook* shall be used by the MSP only for the handling of traffic originating on the MSP's network in conjunction with its authorized services. (T)
- F. Billing disputes must be communicated to the Company in writing within thirty days from the billing date. The Company will make every effort to investigate such disputes and reconcile any differences within thirty days from receipt of such notification. If the billing amount is found to be correct, a late payment charge may be applicable, per Section A2. (T)
- G. The conditions and rates specified in other *guidebooks* for services which may be associated with Operator Services Interconnection are in addition to those specified herein. (T)
- H. Usage charges for mobile originated calls, as specified in A35.1.6.C. preceding, apply to DACC calls completed over this interconnection. These usage charges apply according to the specifications outlined in A35.1.1.G.1, except that the rating for these mobile originated calls will be based on the screening telephone number in all cases. (M)

Note 1: COMMON CHANNEL SIGNALING IS-41 AND ISDNUP MESSAGE TRANSPORT SERVICE: See Section E6. of the Access Services Tariff for CCS7 Signaling Connections, CCS7 Signaling Terminations and CCS7 Access Arrangement Usage.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.3 Operator Services Interconnection (Cont'd)

(M)

A35.3.3 Obligations of the Mobile Service Provider (MSP)

- A. The MSP's switch must be capable of using Operator Services System signaling as described in Bellcore document TR-TSY-000506.
- B. A screening telephone number must be provided by the MSP for Operator Services Interconnection. The chosen telephone number can only then be used in the provisioning of this service. The MSP may use a telephone number from an existing dedicated NXX. However, the MSP must use a telephone number from a dedicated NXX to achieve customer branding.

A35.3.4 Application of Rates

- A. Operator Services Interconnection is comprised of a distance-sensitive facility rate from the MSP's premises to the MSP's serving wire center and a trunk termination rate for terminating equipment located at the TOPS switch. MSP Usage charges will apply for DACC completed calls. Other applicable charges will apply for general operator assisted calls.
- B. Operator Services Interconnection is only available in twenty-four channel increments.
- C. MegaLink service, MegaLink Light service and LightGate service from Section B7. of the Private Line *Guidebook* are used to rate the facilities used for Operator Services Interconnection. The terms and conditions which apply for those services apply here, including the application of any service establishment charges.

(T)

A35.3.5 Rates and Charges

- A. Facilities
 - 1. The following facility rates apply:
 - a. Rates for digital private line services (MegaLink, MegaLink Light or LightGate services), as provided in Section B7. of the Private Line *Guidebook* apply from the MSP's premises to the MSP's serving wire center.
- B. Equipment Termination
 - 1. Trunk Termination, per DS1

(T)

	Nonrecurring Charge	Monthly Rate	USOC
(a) At Company TOPS Tandem Switch	\$90.00	\$156.75	OSNET
C. Control Access Register			
1. Voice Grade Equivalent			
(a) Per Channel	-	7.50	OSNCA

A35.4 Reserved For Future Use

A35.5 Connection of Commercial Mobile Radio Service Providers to E911 Services

A35.5.1 Service Description

- A. This service provides connection between a CMRS providers network and the Company's Universal Emergency Number Service - 911 (hereafter referred to as "911 service") network. This service is used by the CMRS provider exclusively to route calls from the CMRS's customers trying to access emergency 911 service. Three service arrangements are available;
 - 1. The Feature Group D Interconnection will allow the CMRS provider to pass wireless 911 calls to the BellSouth E911 tandem with voice, P-ANI and call back number (CBN) of the caller for Phase 1 compliance. The BellSouth E911 tandem will pass the data to the ALI hosts for subsequent delivery to the PSAP. This service arrangement requires that the serving E911 tandem(s) be DMS, equipped with the Wireless Interconnection Solution (WLS911).
 - 2. The CAMA Interconnection will allow the CMRS provider to pass wireless 911 calls with voice and P-ANI to the BellSouth E911 tandem, for delivery to the PSAP. The CMRS provider will need to establish Non Callpath Associated Signaling (NCAS) links to the ALI hosts to dynamically provide the P-ANI and call back number (CBN) of the caller for each wireless 911 call. These NCAS links described above are not a part of this *guidebook*.
 - 3. The SS7/ISUP Interconnection will allow the CMRS provider to pass wireless 911 calls as described in 1. and 2. preceding, respectively, but allows the use of SS7 supported dedicated trunking (using ISUP signaling as defined in Telcordia GR-2956-Core, CCS/SS7 Generic Requirements in support of E911) instead of CAMA or Feature Group D. If service arrangement 2. preceding is chosen, the CMRS provider will still need to establish Non-Callpath Associated Signaling (NCAS) links to the ALI hosts to dynamically provide the P-ANI and call back number (CBN) of the caller for each wireless 911 call. These NCAS links described above are not a part of this *guidebook*.

(T)

(T)(M1)

Material previously appearing on this page now appears on page(s) 12 of this section.
 M1 Material appearing on this page previously appeared on page(s) 13.1 of this section.

A35. INTERCONNECTION OF MOBILE SERVICES

A35.5 Connection of Commercial Mobile Radio Service Providers to E911 Services (Cont'd)

A35.5.1 Service Description (Cont'd)

- B. The Company's 911 tandem switch will receive an Pseudo Automatic Number Identification (P-ANI) signal from the CMRS. The Company's 911 tandem switch (established as part of an Emergency Reporting Service from the General Subscriber Services Tariff, A13.27) will use the P-ANI to direct the 911 call to a Public Safety Answering Point (PSAP) predetermined by the CMRS provider and the PSAP.
- C. BellSouth provides fault-tolerant and redundant ALI (Automatic Location Identification) computers for high availability service to the PSAPs. The BellSouth ALI computers are designed to function as mated pairs for redundancy. Each PSAP served by these ALI computers has a data link to each of the mated pairs. The ALI computers are located in different BellSouth data centers in different states to provide diversity. PSAP bids, or request, for ALI are sent over both data links simultaneously. The mated ALI computers contain mirrored databases at each location and alternate responding to the PSAP. In the event a data circuit or an ALI computer is unavailable, the system is designed to provide continuous service from the other ALI computer in the paired arrangement.
- D. The E911 database consist of data records provided by various service providers located within the BellSouth E911 service area. Each service provider, including the CMRS, are responsible for providing their data records for the BellSouth E911 database. These records must be present in the BellSouth E911 database for selective routing and for the Real-Time Data Interface to function properly. CMRS records in the E911 database contain static cell site sector location information that will assist the PSAP in determining the general location of the 911 caller. These static records do not contain the call back number (CBN) or the longitude/latitude of the caller's location when initially inserted into the database. The CBN and longitude/latitude information is populated dynamically in the BellSouth E911 database during the call processing. Information for providing data for the BellSouth E911 database may be found in the BellSouth E911 Wireless Carrier Guide available from BellSouth Interconnection Services.
- E. The BellSouth E911 System and ALI computers support different application level protocols for accepting Phase 1 and Phase 2 CMRS E911 real-time updates. CMRSs wishing to use one of the supported interfaces must ensure compatibility with the solution provider as well as BellSouth's contracted vendor managing the ALI database. The BellSouth supported solutions are listed in Technical Reference document TR 73610. Detailed application level specifications for these solutions are available directly from each of the respective manufacturer.

A35.5.2 General

- A. This service is furnished to the CMRSs only for the purposes of reporting emergencies by the CMRS's subscriber.
- B. This service is offered solely as an aid in handling calls in connection with fire, police and other emergencies and does not create any relationship or obligation, direct or indirect, to any person other than the CMRS subscribing to the service.
- C. The Company does not undertake to answer and forward 911 calls, but furnishes the use of its facilities to enable the CMRS to direct calls to the appropriate PSAP in locations where government authorities or their authorized agents have subscribed to 911 service.
- D. Except as noted, services provided in this sub-section are subject to all general *terms and conditions* applicable to the provisioning of service by the Company as stated in Section A2. (T)
- E. The appropriate service charges in Section A4. apply to the establishment and rearrangement of service provided under this sub-section. In addition, the nonrecurring charges specified in A35.5.5 following shall apply for connection of service or rearrangement. (T)
- F. The rates contained in this offering contemplate the use of standard serving arrangements normally provided by the Company. These rates contemplate installation during normal work hours. Non-standard facilities requirements, equipment, service options or installation requirements may be requested via processes defined in Section A5. (T)
- G. The conditions and rates specified in other *guidebooks* for services which may be associated with this service are in addition to those specified herein. (T)
- H. The Company is not responsible for the location determination technology, the accuracy of the location determination technology, or the investigation or maintenance of said technologies. Only the data required and specified by the FCC in its Report and Order 94-102 will be delivered by the Company to the PSAP and only when said data has been provided by the CMRS. This required data includes the cell site or sector location, the callback number, and the longitude/latitude of the caller. The CMRS agrees that delivery, or lack of delivery, of additional data elements which may be provided by the CMRS will not be the responsibility of the Company and the Company assumes no responsibility or liability for such information.

A36. (DELETED)

Pages 2 through 8 are hereby deleted in their entirety and removed from this Guidebook.

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A37. BILLING AND COLLECTION SERVICES

A37.1 Bill Processing Service (Obsoleted, See Section A137.1)

Pages 1.1 through 4 are hereby deleted in their entirety and removed from this Guidebook.

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A39. (DELETED)

Pages 2 through 11 are hereby deleted in their entirety and removed from this Guidebook.

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A40. FAST PACKET TRANSPORT SERVICES

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Contents Page 2 is hereby deleted in its entirety and removed from this Guidebook.

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A40. FAST PACKET TRANSPORT SERVICES

A40.1 Frame Relay Service (Obsoleted, See Section A140)

A40.2 Reserved For Future Use

(M)

A40.3 Native Mode LAN Interconnection (NMLI) Service (Obsoleted, See Section A140)

(M)

A40.4 Reserved For Future Use

(M)

Pages 2 through 9.1 are hereby deleted in their entirety and removed from this Guidebook.

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A40. FAST PACKET TRANSPORT SERVICES

A40.5 Broadband Line Service

A40.5.1 General

- A. Broadband Line Service provides the customer with a local connection to high speed frame or cell-based switched services.
- B. Broadband Line Service is available under options. Rates, charges, and terms and conditions specific to these options are in later subsections of this section. The Fast Packet Option is described in A40.5.3 following.
- C. Network interface specifications for Broadband Line Service are contained in Technical Reference 73590. This publication is available from: (T)
 - Documentation Operations
 - 20th Floor
 - 600 North 19th Street
 - Birmingham, AL 35203
- D. Broadband Line Service, as provided for in this section, is offered for intraLATA use only and may not be utilized to connect to a Class 5 office for use in local exchange service transmissions.
- E. The terms, conditions and rates specified herein are in addition to the applicable terms, conditions and rates specified in other sections of this and other Guidebooks.
- F. The rates and charges set forth for Broadband Line Service provide for the furnishing of service where suitable facilities are available. Where special construction of facilities is necessary, special construction charges may apply as set forth in Section A5.

A40.5.2 Terms and Conditions

- A. Explanation of Terms
 - 1. Broadband Line
 - The link from the customer's premises to the customer's Serving Wire Center.
 - 2. Broadband Line Extension
 - When a customer's Serving Wire Center is not a Serving Area Point, a Broadband Line Extension is used to connect the Serving Wire Center to the closest Serving Area Point. The Broadband Line Extension is associated with a Broadband Line, or as specified otherwise herein this guidebook.
 - The Broadband Line Extension is measured on a per mile basis in airline miles from a Central Office that is not a Serving Area Point to a Serving Area Point.
 - 3. Network Serving Area
 - Certain Company Central Offices are designated Serving Area Points. A Network Serving Area is comprised of all the Serving Area Points in a geographic area.
 - 4. Serving Area Point
 - A Company Central Office that is designated as a member of the Network Serving Area.
- B. Basis of Offering
 - 1. Detailed monthly billing is not provided.
 - 2. Suspension of service is not allowed.
 - 3. The minimum service period is one month.
- C. Connections
 - The design, maintenance, and operation of Broadband Line Service contemplates data communications originating or terminating at stations of the customer.
 - 1. Obligations of Customer
 - a. When customer provided equipment (CPE) is connected with Broadband Line Service, the customer or authorized user must provide equipment to perform the function of the Digital Terminating Equipment (DTE). The DTE provided by the customer is required at a customer's premises to perform such functions as:
 - Proper termination of service.
 - Amplification (M)
 - Signal shaping (M)
 - Remote loopback (M)

A40. FAST PACKET TRANSPORT SERVICES

A40.5 Broadband Line Service (Cont'd)

A40.5.2 Terms and Conditions (Cont'd)

C. Connections (Cont'd)

1. Obligations of Customer (Cont'd)

- (M)
- b. Where Broadband Line Service is available under this Guidebook for use in connection with customer provided equipment (CPE), the operating characteristics of such equipment shall be such as not to interfere with any of the services offered by the Company. Such use is subject to the further provisions that the CPE does not endanger the safety of Company employees or the public; damage, require change in, or alteration of the equipment or other facilities of the Company; interfere with the proper functioning of such equipment or facilities; impair the operation of the Company's facilities or otherwise injure the public in its use of the Company's services. Upon notice from the Company that the equipment provided by a customer is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.
 - c. When CPE is connected to Broadband Line Service, the customer shall be responsible for:
 - (1) Compatibility of the CPE to Broadband Line Service. This includes replacing the DTE due to technological changes in the network, and
 - (2) Testing and sectionalization and clearance of trouble conditions or service difficulties on any CPE which is connected to Broadband Line Service.
 - d. The customer's responsibility shall include cooperative testing with the Company as may be necessary.

2. Responsibility of the Company

- a. The Company shall not be responsible for installations, operation, or maintenance of any CPE. Where such CPE is connected to Company facilities, the responsibility of the Company shall be limited to the furnishing of facilities suitable for Broadband Line Service and to the maintenance and operation of such facilities in a manner proper for such service. Subject to this responsibility, the Company shall not be responsible for:
 - (1) The through transmission signals generated by such equipment, or for the quality of, or defects in, such transmission,
 - (2) The reception of signals by such equipment, or
 - (3) Damage to CPE provided by a customer to an authorized user during testing.
- b. The Company shall not be responsible to the customer, if changes in any of the facilities, operations, or procedures of the Company utilized in provisioning of Broadband Line Service render any facilities provided by a customer obsolete or require modifications or alteration of such equipment or otherwise affect its use or performance.
- c. The Company undertakes to maintain and repair the facilities which it furnishes. The customer may not rearrange, disconnect, remove, or attempt to repair any equipment installed by the Company without prior written consent of the Company.

D. Provision of Service

- 1. Rates and charges contained in this Section consist of the following elements:
 - a. Broadband Line
 - b. Broadband Line Extension
 - c. Move Charges
- 2. Service charges for Broadband Line Service are included in the respective nonrecurring charges specified herein. Service Charges from Section A4. are not applicable. Charges applicable for customer requested change of service installation due date and cancellation of service installation are as specified in Section A40.9.

A40. FAST PACKET TRANSPORT SERVICES

A40.5 Broadband Line Service (Cont'd)

A40.5.3 Fast Packet Option (FPO) (Cont'd)

A. General (Cont'd)

4. The Broadband Line Extension-FPO may be used by the customer for two other functions besides connecting the customer's Serving Wire Center to a Serving Area Point such as specified in A40.1.2.C.5.a and A40.8.2.C.4.a.
Also, when the Fast Packet Option is provided in association with MegaLink channel service to connect customer locations to Frame Relay Service or ATM Structured Circuit Emulation Service, the Broadband Line Extension-FPO may be used. This use occurs if the Central Office where the channelization is performed for MegaLink channel service is not a Frame Relay Service or ATM Service Serving Area Point, then a Broadband Line Extension-FPO is required to connect the Central Office where the channelization occurs to the closest Serving Area Point.
5. The Company is authorized to provide the Fast Packet Option for use in application testing subject to the **terms and conditions** set forth in A2.5.11. Up to 4 Broadband Line-FPOs and/or Broadband Line Extension-FPOs may be utilized in a typical applications test configuration. The Company is authorized to deviate from this average in order to fully participate in an applications test with a customer which cannot otherwise be performed to the customer's satisfaction. Application testing is not available for 44.210 Mbps 149.760 Mbps, or 599.040 Mbps Broadband Lines and Extensions. (T)
6. The Fast Packet Option may be provided in association with MegaLink channel service to connect a customer location to Frame Relay Service. Rates, **terms, conditions**, and charges for MegaLink channel service are provided in Section B7. of the Private Line **Guidebook**. DS1 facilities being channelized via MegaLink channel service to be associated with the Fast Packet Option must be provisioned with Bipolar with 8 Zero Substitution (B8ZS) and Extended Superframe (ESF) if such service is to support a customer connection that is 64 Kbps or a higher speed that is a multiple of 64 Kbps. (T)
7. The Fast Packet Option operating at a transmission speed of 1.536 Mbps must be provisioned with Bipolar with 8 Zero Substitution (B8ZS) and Extended Superframe (ESF) if such service is to support a customer connection that is 64 Kbps or a higher speed that is a multiple of 64 Kbps.
8. If, prior to fulfilling the period of a contract plan, the customer requests a change in transmission speed on a Fast Packet Option (to a higher or lower speed), a Termination Liability Charge will not be applied, if at the date of termination the applicable conditions set forth in A40.10.4.B. are satisfied.
Prior to fulfilling the period of a contract plan, the customer may request a change 1) to a lower speed ATM IMA Customer Connection, 2) to a lower speed Frame Relay MultiLink Customer Connection or 3) from an ATM IMA or Frame Relay MultiLink Customer Connection to an ATM or Frame Relay Subrate T3 or 44.210 Mbps Customer Connection (all of which will require the disconnect of a quantity of 1.536 Mbps Broadband Line Services). A Termination Liability Charge will not be applicable for such requests, if at the date of termination the applicable conditions set forth in A40.10.4.B are satisfied.
9. One-half of the nonrecurring charge(s) for the applicable rate elements in A40.5.3.B.1 and A40.5.3B.2. following apply if the customer requests a change in transmission speed on a Fast Packet Option (to a higher or lower speed).
10. Contract Plans
 - a. Contract Plans are available under conditions specified in the Fast Packet Services Payment Plan in Section A40. with contract periods described as follows:
 - (1) Term Payment Plan A - payment periods may be selected from 12 to 36 months.
 - (2) Term Payment Plan B - payment periods may be selected from 37 to 60 months.
11. The Fast Packet Option may be provided in association with SMARTRing service to connect a customer location to Frame Relay Service or ATM Service. Rates, **terms, conditions**, and charges for SMARTRing service are provided in B7.7 of the Private Line **Guidebook**. (T)
12. The Fast Packet Option operating at a transmission speed of 149.760 Mbps or 599.040 Mbps is fiber optic based.

A40. FAST PACKET TRANSPORT SERVICES

A40.5 Broadband Line Service (Cont'd)

A40.5.3 Fast Packet Option (FPO) (Cont'd)

B. Rates and Charges for the Fast Packet Option (Cont'd)

2. Broadband Line Extension-FPO (Cont'd)

b. An Extension 20 - 50 miles

(1) Per Extension

	Nonrecurring Charge	Month To Month	A 12 to 36 Months	B 37 to 60 Months	USOC
(a) 56 Kbps	\$80.00	\$40.00	\$32.00	\$23.00	FPD56
(b) 64 Kbps	80.00	40.00	32.00	23.00	FPD64
(c) 1.536 Mbps	125.00	328.00	247.00	167.00	FPD15
(d) 44.210 Mbps	350.00	5,175.00	4,888.00	4,485.00	FPD44
(e) 149.760 Mbps	750.00	6,785.00	6,250.00	5,900.00	FPD14
(f) 599.040 Mbps	1,500.00	14,890.00	13,725.00	12,950.00	FPD59

c. An Extension 51 - 75 miles

(1) Per Extension

(a) 56 Kbps	80.00	63.00	49.00	35.00	FPE56
(b) 64 Kbps	80.00	63.00	49.00	35.00	FPE64
(c) 1.536 Mbps	125.00	443.00	334.00	224.00	FPE15
(d) 44.210 Mbps	350.00	5,750.00	5,463.00	5,060.00	FPE44
(e) 149.760 Mbps	750.00	7,935.00	7,310.00	6,900.00	FPE14
(f) 599.040 Mbps	1,500.00	17,075.00	15,740.00	14,850.00	FPE59

d. An Extension 76 - 100 miles

(1) Per Extension

(a) 56 Kbps	80.00	75.00	58.00	40.00	FPF56
(b) 64 Kbps	80.00	75.00	58.00	40.00	FPF64
(c) 1.536 Mbps	125.00	581.00	437.00	293.00	FPF15
(d) 44.210 Mbps	350.00	6,325.00	6,038.00	5,635.00	FPF44
(e) 149.760 Mbps	750.00	9,140.00	8,425.00	7,950.00	FPF14
(f) 599.040 Mbps	1,500.00	19,290.00	17,780.00	16,775.00	FPF59

e. An Extension 101 - 125 miles

(1) Per Extension

(a) 56 Kbps	80.00	86.00	67.00	46.00	FPG56
(b) 64 Kbps	80.00	86.00	67.00	46.00	FPG64
(c) 1.536 Mbps	125.00	696.00	523.00	351.00	FPG15
(d) 44.210 Mbps	350.00	6,900.00	6,613.00	6,210.00	FPG44
(e) 149.760 Mbps	750.00	9,890.00	9,115.00	8,600.00	FPG14
(f) 599.040 Mbps	1,500.00	21,530.00	19,845.00	18,725.00	FPG59

f. An Extension more than 125 miles

(1) Per Extension

(a) 56 Kbps	80.00	98.00	75.00	52.00	FPH56
(b) 64 Kbps	80.00	98.00	75.00	52.00	FPH64
(c) 1.536 Mbps	125.00	811.00	610.00	431.00	FPH15
(d) 44.210 Mbps	350.00	7,475.00	7,188.00	6,785.00	FPH44
(e) 149.760 Mbps	750.00	13,225.00	12,190.00	11,500.00	FPH14
(f) 599.040 Mbps	1,500.00	30,645.00	28,245.00	26,650.00	FPH59

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A40. FAST PACKET TRANSPORT SERVICES

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A40.6 Reserved For Future Use

A40.7 Reserved For Future Use

A40.8 Asynchronous Transfer Mode (ATM) Service (Obsoleted, See Section A140)

(M1)

Pages 14.2 through 14.9.1 are hereby deleted in their entirety and removed from this Guidebook.

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A40. FAST PACKET TRANSPORT SERVICES

A40.9 Miscellaneous Charges For Fast Packet Transport Services

A40.9.1 General

- A. The miscellaneous charges provided herein are only applicable to specific Fast Packet Transport Services if so indicated in that service's respective subsection of this *Guidebook* (e.g., the subsections governing Frame Relay Service, Broadband Line Service and ATM Service specifically indicate charges herein A40.9.1 are applicable). The *terms, conditions* and miscellaneous charges herein apply for customer requested changes of service installation¹ due dates and customer requested cancellation of service installation orders. *Terms, conditions* and miscellaneous charges herein do not apply for customer requested due date changes or cancellation requests which involve only non-design service such as the addition of features to existing service or a change to an existing feature (e.g., DLCIs, CIR, PVCs, SVCs, etc.). (T)

A40.9.2 Due Date Change Charges

- A. Upon customer request, the due date for service installation may be changed after an initial service order is issued.
- B. When the customer requests a new due date for service installation, the customer will not be charged for the first such due date change request. For each subsequent request(s) for the due date to be changed, the customer will be billed a service installation Due Date Change Charge as set forth in D. following (except under the conditions provided in C.(1) following).
- C. When the customer requests a new due date for service installation that is 30 or more calendar days beyond the original due date for installation, the customer has the choice of the following options:
1. The service order is cancelled and charges set forth in A40.9.4 following will apply, or
 2. Billing for the service will commence on the 31st day beyond the original service date; if this is a subsequent request for the due date to be changed, the service installation Due Date Change Charge will also apply.
- D. The Due Date Change Charge will apply as specified in B. and C. preceding. The applicable charge is:
- (1) Due Date Change Charge

	Charge	USOC
(a) per request (after initial request)	\$ 200.00	FPTDD

A40.9.3 Expedite Request Charges

- A. Upon customer request, the Company will perform the work required to determine if a due date for a service installation can be provided that is in advance of the Company's stated standard installation interval for such service. Such requests shall be referred to as expedite requests, and all such requests shall incur an Expedite Request Charge whether or not the Company can meet the expedited due date desired by the customer. The Expedite Request Charge is in addition to all other applicable nonrecurring charges and applies on a per occurrence basis per service order. The applicable charge is:
- (1) Expedite Request Charge

	Charge	USOC
(a) per request	\$ 200.00	FPTER

Note 1: The term "service installation" as used herein is defined as a request involving designed service (i.e., a new service installation or a move or physical rearrangement of an existing service).

A40. FAST PACKET TRANSPORT SERVICES

A40.10 Fast Packet Services Payment Plan

A40.10.1 General

- A. The *terms and conditions* specified herein are applicable to specific services as indicated in each service's respective subsection of this Guidebook. All of these services are included in this Section (A40. - Fast Packet Transport Services). (T)
- B. Services furnished under the Fast Packet Services Payment Plan (Fast Packet SPP) are subject to all general *terms and conditions* applicable to the provision of service by the Company as stated elsewhere in this Guidebook except as noted herein. (T)
- C. The Fast Packet SPP is a payment plan which allows customers to pay fixed or variable rates for Fast Packet Transport Services over variable contractual payment periods. A specific monthly rate applies for the duration of each period.
Payment periods for each Fast Packet Transport Service will be described in that service's specific guidebook section. The following is an example of the manner in which those payment periods will be described. The following should also be used as a reference for any examples depicted in this Section (A40.10) of this Guidebook.
 - 1. Term Payment Plan A - payment periods may be selected from 12 months to 24 months in length.
 - 2. Term Payment Plan B - payment periods may be selected from 25 months to 48 months in length.¹
- D. When the customer orders service to be provided under a Fast Packet SPP arrangement, the customer must designate to the Company the payment plan and the service period desired, e.g. Term Payment Plan B and 36 months.

A40.10.2 Application of Rates and Charges

- A. Rates stabilized under a Fast Packet SPP arrangement are exempt from Company initiated increases, however, decreases to any rate element will automatically flow through to the customer.
- B. Termination Liability Charge
 - 1. In the event that all or any part of a service is disconnected at customer request prior to expiration of any selected payment period of greater than one month's duration, the customer will be required to pay a Termination Liability Charge, unless specifically stated otherwise in that service's guidebook.
 - 2. The Termination Liability Charge is determined by multiplying the number of months remaining in the contract payment period by the contracted monthly rate by 50 percent.
 - a. For example, a customer subscribes to a Fast Packet Transport Service using Term Payment Plan B and selects the 30 month payment period. After 12 months the customer chooses to terminate service. The Termination Liability Charge is calculated by multiplying 18 months (30 months - 12 months) by the monthly rate by 50 percent.
- C. When customers renew or change the length of their payment period, the rates applicable for the new period are those currently in effect at the time of the renewal or change in the length of the payment period. A service order charge will not be applicable for such renewals or changes to the payment period.
- D. Customer requests for inside moves of service will not affect the contract period.
- E. A change in jurisdiction will not constitute a disconnect of service provided the new Fast Packet SPP arrangement is at least the minimum number of months allowable under Term Payment Plan A (as defined in the Fast Packet Transport Service's specific guidebook section) or equals/exceeds the remaining service period, whichever is greater, provided the new Fast Packet SPP arrangement is for the same customer at the same location for the same capacity service.

A40.10.3 Additions

- A. Additions of services or rate elements - e.g., Ports - must be under a new Fast Packet SPP arrangement at rates and charges as specified in A40.10.2 preceding.
- B. Termination charges for premature disconnection of added contractual services will apply as set forth under Disconnects in A40.10.4 following.
- C. Additions under Fast Packet SPP are exempt from Company-initiated rate changes for all payment periods longer than one month. However, decreases for any rate element will automatically flow through to the customer.
- D. Installation, service order, service establishment, and any other nonrecurring charges, as specified in this Guidebook, will apply to the added services.

Note 1: Effective November 15, 2013, customers may not establish new term plans greater than 36 months for BellSouth Metro Ethernet Service described in A40.13, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months.

A40. FAST PACKET TRANSPORT SERVICES

A40.10 Fast Packet Services Payment Plan (Cont'd)

A40.10.4 Disconnects

- A. When a service or rate element, included under a Fast Packet SPP arrangement, is disconnected prior to expiration of the selected service period, Termination Liability Charges may apply as set forth in A40.10.2 preceding. Remaining services or rate elements will not be affected by such disconnections.
- B. When a *guidebook* service under a Fast Packet SPP arrangement is disconnected prior to the expiration of a selected service period as a result of a customer requested change of a FastPacket Transport Service which is specifically allowed without Termination Liability Charge as set forth in that service's *guidebook* or of a change of jurisdiction, Termination Liability Charges will not apply when:
- the completed service period is at least the minimum number of months allowable under the specific service's Term Payment Plan A or twenty-five percent of the length of the originally selected Fast Packet SPP service period, whichever is greater, and
 - the service period of the new Fast Packet SPP arrangement is at least the minimum number of months allowable under Term Payment Plan A (as defined in the service's specific *guidebook* section) or equals/exceeds the remaining service period of the disconnected arrangement, whichever is greater, and
 - the service orders to install the new service and disconnect the old service are related together and there is no lapse in service between installation of the new service and disconnection of the existing, and
 - the service orders are for the same customer at the same location.

A40.10.5 Requests for Changes in Length of Optional Payment Period

- A. Subsequent to the establishment of a contract with a Fast Packet SPP period, and prior to the completion of that period, the existing payment period may be replaced by:
1. A currently offered payment period at the current rates, with a length equal to or longer than the time remaining in the existing service agreement, subject to the following conditions:
 - a. No credit will be given for payments made during the formerly selected period.
 - b. The new payment period begins with the new Fast Packet SPP effective date.
 - c. No termination charge applies for the remaining portion of the former payment period.
 - d. Nonrecurring charges will not be reapplied.
 - e. A service order charge will not apply.
 2. A currently offered payment period at the current rates, with a length shorter than the time remaining in the existing service agreement, subject to the following conditions:
 - a. No credit will be given for payments made during the formerly selected period.
 - b. The new payment period begins with the new Fast Packet SPP effective date.
 - c. A Termination Liability Charge applies for the remaining portion of the former payment period.
 - d. Nonrecurring charges will not be reapplied.
 - e. A service order charge will not apply.

A40.10.6 Renewal Options

- A. The customer has the following renewal options:
1. Prior to completion of the current payment period, any period available under the Fast Packet SPP may be selected at the rates in affect for new customers at the time of the renewal. The customer will be charged at the current rate for the newly selected payment period, commencing the day following completion of the prior payment period.
 2. Service may be continued on a month-to-month basis at the current rate for the one-month payment period, unless otherwise specified in this *Guidebook*. The customer has no additional service commitment and, consequently, when service is terminated will not be subject to any termination charge. The one-month service will be subject to Company-initiated rate adjustments.
 3. If the customer does not elect an additional payment period or does not request discontinuance of service, service will be continued at a monthly rate currently in effect for the month-to-month payment rate under the terms specified in 2. preceding.
 4. Upon expiration, Letters of Election executed on or after May 1, 2005, shall automatically renew for an additional one-year term under the same rates, terms and conditions in effect under the original Letter of Election, unless the Subscriber or the Company provides written notice of its intent not to renew the Letter of Election at least sixty (60) days prior to the expiration of the initial term or any subsequent additional one-year term.

A40. FAST PACKET TRANSPORT SERVICES

A40.10 Fast Packet Services Payment Plan (Cont'd)

A40.10.6 Renewal Options (Cont'd)

- B. Service connection charges are not applicable for rate elements renewed under the Fast Packet SPP. Any new rate elements added at the time of renewal will be subject to all appropriate service connection charges and other nonrecurring charges.
- C. The Company may discontinue or change any or all renewal options. (T)
- D. When a customer renews a Fast Packet SPP arrangement, the rates and charges in effect on the first day of service of the renewal will apply. (N)
- E. Recognition of previous service will be given to customers who renew an existing Fast Packet SPP arrangement, for all associated rate elements at the same location(s), provided that the length of the new Fast Packet SPP arrangement is at least the minimum number of months allowable under Term Payment Plan A (as defined in the Fast Packet Transport Service's specific *guidebook* section) or equals/exceeds the remaining service period of the original Fast Packet SPP arrangement. (T)
- F. Recognition of previous service back to the actual service date will be given to month-to-month customers who convert to a Fast Packet SPP arrangement.
- G. To determine the appropriate Fast Packet SPP for the renewed arrangement, recognition of service will consist of the sum of months in service of the completed service arrangement and the sum of the months of the proposed service period of the Fast Packet SPP arrangement. For example, a Fast Packet SPP arrangement for a 24 month service period under Term Payment Plan A is renewed for 16 months with no changes at the end of the 24 month period. The sum of months for the completed and proposed service periods would equal 40 months and would be billed under Term Payment Plan B.

A40.10.7 Transfer of Service

- A. Service may be transferred to a new customer at the same location upon prior written concurrence by the new customer as specified in this *Guidebook*. This does not constitute a disconnect of service or a discontinuance of an existing Fast Packet SPP arrangement. The new customer will be subject to all provisions and equipment configurations currently in effect for the previous customer. *Terms and conditions* concerning transfer of service between subscribers as stated in other sections of this *Guidebook* also apply under Fast Packet SPP. (T)

A40.10.8 Deferred Payment

- A. Payment of nonrecurring charges for Fast Packet services with contract payment plans may be deferred over the length of the customer's payment period or a shorter period (in annual increments) subject to the conditions specified below:
 1. The charge to be deferred must be among the following types - Nonrecurring Charges, Service Establishment.
 2. The customer must select a payment period longer than one month.
 3. The total amount of nonrecurring charges as defined in 1. preceding may be deferred.
 4. The minimum amount deferrable per Fast Packet SPP arrangement is \$2000.00.
 5. Interest on deferred amounts will be calculated at the rate set forth in the deferred payment agreement executed by the customer. The interest rate to be charged on deferred payments will be revised periodically by the Company. If, in the judgment of the Company, the maximum interest rate allowed by law is insufficient to cover the costs of providing the deferred payment option, the Company will suspend the availability of said option until such time as the costs of providing said option can be recovered through the applications of a lawful interest rate. Suspension of the deferred payment option will not affect customers who have executed a deferred payment agreement prior to the effective date of such suspension.
 6. The deferred charges (including interest) will be prorated on a monthly basis over the selected deferral period length.
 7. All deferred charges must be paid in full when the customer:
 - Selects a payment period with an expiration date prior to the expiration date of the deferral period.
 - Disconnects service prior to expiration of the selected deferral period.
 - Fails to pay a monthly amount within thirty days of its due date.
 - Moves a service under Fast Packet SPP to another location in Company territory within the same state and jurisdiction, with the exception of an inside move. (M)
 8. The customer may prepay only the total outstanding deferred charges at any time during the selected deferral period. The customer will be given a credit for the amount of unearned interest. The customer may not prepay less than the total of the outstanding deferred charges. (M)

A40. FAST PACKET TRANSPORT SERVICES

A40.10 Fast Packet Services Payment Plan (Cont'd)

(M)

A40.10.9 Prepayment

- A. For payment period longer than one month, the customer may prepay the total outstanding recurring monthly rates. The prepayment of monthly rates in no way constitutes a purchase and the Company retains full ownership of all services covered by the prepayment. The following conditions apply:
1. Customers who prepay six months or more will have an allowance applied. The prepayment factor to be used for each month prepaid will be revised periodically by the Company.
 2. Monthly rates for all services covered by a single Letter of Election must be prepaid. Monthly rates must be prepaid for services added subsequently and placed on the same Letter of Election (i.e., customer-elected coterminous option) with a prepaid system.
 3. Customers who change the length of a prepaid payment period will be credited any unused portion of the prepayment, subject to termination charges as specified in A40.10.4 preceding.
 4. Customers who prematurely disconnect will have termination charges deducted from the prepaid amount and any balance credited to their bill.

A40.10.10 Exception to Termination Liability for State, County, and Municipal Governments

- A. In the event that all or any part of the service is disconnected at customer request prior to expiration of any selected payment period of greater than one month's duration, the customer will be required to pay a termination charge as stated in this *Guidebook*. The *Guidebook* provisions concerning termination liability for recurring charges only shall not be applicable to any state, county, or municipal governmental entity when there is in effect, as a result of action by such entity and through a duly constituted legislative, administrative, or executive body:
1. a statute;
 2. an ordinance;
 3. a policy directive;
 4. a constitutional provision
- which restricts or prohibits an additional contractual payment for early termination of a contract by any such entity, or agency thereof, due to an unavailability of funding. When service is being provided and funding to the governmental entity for such service becomes unavailable, the governmental entity may cancel the service without additional payment obligation. Provided, however, that if the governmental entity cancels the service for any reason other than the unavailability of funds, the termination liability provisions in the *Guidebook* shall apply.

(T)

(T)

A40.10.11 Moves of Service(s) Under Fast Packet SPP

- A. Termination Liability Charges will not apply to customer requests for moves of service under Fast Packet SPP from one location to another location subject to the following:
1. The original and new premises locations must be in Company territory within the same state.
 2. The move from the original location to the new location must be completed within thirty days of the original premises disconnect date.
 3. No lapse in billing will occur for moves of service under Fast Packet SPP.
 4. Orders to disconnect the existing service and re-establish it at the new location must be related.

A40. FAST PACKET TRANSPORT SERVICES

A40.10 Fast Packet Services Payment Plan (Cont'd)

A40.10.11 Moves of Service(s) Under Fast Packet SPP (Cont'd)

- A. Termination Liability Charges will not apply to customer requests for moves of service under Fast Packet SPP from one location to another location subject to the following: (Cont'd)
 5. Any rate elements - such as, Ports - from the original location that are not re-established at the new location will be subject to applicable Termination Liability Charges.
 6. Any additions made at the new location will be treated as coterminous additions in accordance with A40.10.3 preceding.
 7. All *terms, conditions* and charges for changes made to the service coincident to that move shall apply. (T)
 8. All appropriate nonrecurring charges for moves of service as specified in this *Guidebook* will apply. (T)
 9. Moves of service that involve a change of jurisdiction, e.g., intraLATA to intrastate, intrastate to interstate, etc., will not be treated as a disconnect of service with regard to Termination Liability Charge application. The customer must subscribe to a payment arrangement offered in the appropriate interstate tariff which is at least the minimum number of months allowable under Term Payment Plan A (as defined in the Fast Packet Transport Service's specific *guidebook* section) or equals/exceed the remaining contract period, whichever is greater. (T)

A40.11 BellSouth Video Conferencing Service (Obsoleted, See Section A140)

A40.12 Customer Network Management (Obsoleted, See Section A140)

(M)

Pages 20 through 28 are hereby deleted in their entirety and removed from this Guidebook.

(N)

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Terms and Conditions (Cont'd)

A. Explanation of Terms (Cont'd)

6. Virtual BellSouth Metro Ethernet Service Connection

Provides 2 Mbps, 4 Mbps, 8 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 80 Mbps, 100 Mbps, 200 Mbps, 300 Mbps, 450 Mbps, 600 Mbps, 750 Mbps, 900 Mbps and 1000 Mbps Ethernet capabilities that are a part of a BellSouth Metro Ethernet Service network within a metropolitan area. Virtual BellSouth Metro Ethernet Service provides the ability to order Ethernet Service where a single customer connection can support multiple applications with varying Quality of Service (QoS) features and Classes of Service.

Virtual BellSouth Metro Ethernet Service provides customer capabilities to support different Classes of Service (CoS) (i.e., Real-Time, Interactive, Business Critical and Best Effort as described in (13) following) over the same Connection and offers customers increased flexibility to match bandwidth to their real needs for voice/data/video applications on each Connection. The customer orders the percentage of their Virtual BellSouth Metro Ethernet Service Connection bandwidth that will be allocated for each class of service.

For each Virtual Connection, the customer's bandwidth will be limited to the fixed speed associated with each CoS level specified in the CoS profile selected for the Virtual Connection.

A Virtual BellSouth Metro Ethernet Service Connection operating at any of these speeds is capable of interconnecting with other Virtual BellSouth Metro Ethernet Service Connections that are operating at any of these speeds in the same metropolitan area.

A Virtual BellSouth Metro Ethernet Service Connection provides data channel transport that connects customer premises¹ that are 10 miles or less in distance from the BellSouth Metro Ethernet Service wire center associated with the Virtual BellSouth Metro Ethernet Service Connection. Customer locations¹ greater than 10 miles from the Virtual BellSouth Metro Ethernet Service wire center also require BellSouth Metro Ethernet Service Additional Mileage charges.

7. BellSouth Metro Ethernet Service Independent Company (ICO) Trunk Connection

Provides interconnection between *the Company's* Ethernet network and the Ethernet network of an Independent Telephone Company. A BellSouth Metro Ethernet Service ICO Trunk Connection provides data channel transport for connections that are 10 airline miles or less in distance from the BellSouth Metro Ethernet Service ICO Trunk Connection wire center to the meet-point with the Independent Company. Meet-point locations greater than 10 airline miles from the BellSouth Metro Ethernet Service ICO Trunk Connection wire center also require BellSouth Metro Ethernet Service ICO Trunk Additional Mileage charges. (T)

8. BellSouth Metro Ethernet Service Additional Mileage Charges

Additional mileage charges associated with a BellSouth Metro Ethernet Service Connection apply when the total distance from the customer premises¹ to the BellSouth Metro Ethernet Service wire center associated with the service serving the customer's premises¹ is greater than 10 miles in length. The additional mileage is measured in airline miles from the customer premises to the BellSouth Metro Ethernet Service wire center associated with the BellSouth Metro Ethernet Service. Fractions of miles will be considered as a whole mile.

BellSouth Metro Ethernet Service Additional Mileage Charges apply to Basic, Premium and Virtual BellSouth Metro Ethernet Service based on the service's speed and the total distance associated with the data channel. The BellSouth Metro Ethernet Service Additional Mileage Charge is based on the mileage band the total data channel mileage falls into. For example, a data channel that is 30 miles in length would be charged the additional mileage rate for the greater than 25 mile through 35 mile band.

9. BellSouth Metro Ethernet Service Independent Company (ICO) Trunk Additional Mileage Charges

Additional mileage charges associated with a BellSouth Metro Ethernet Service ICO Trunk Connection apply when the total distance from the BellSouth Metro Ethernet Service ICO Trunk Connection wire center to the meet-point with the Independent Company is greater than 10 miles in length. The additional mileage is measured in airline miles from the BellSouth Metro Ethernet Service wire center associated with the BellSouth Metro Ethernet Service ICO Trunk Connection to the Independent Company meet-point. Fractions of miles will be considered as a whole mile.

Note 1: And as alternatively set forth in A40.13.2.C.11.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Terms and Conditions (Cont'd)

A. Explanation of Terms (Cont'd)

10. Metro Ethernet Customer Network

A Metro Ethernet Customer Network is defined as the set of interconnected Metro Ethernet connections assigned to the same VLAN within the *Company's* core network. Premium Connections that include the Q-Forwarding optional feature and Virtual Connections that include the VLAN Aggregation optional feature may be part of more than one Metro Ethernet Customer Network. (T)

11. Priority Plus

Customers with Premium BellSouth Metro Ethernet Service, as an optional feature, may order the ability to prioritize their traffic in accordance with a predefined hardware queue model approach. With this option, customers will assign priority values to their data and higher-priority data will be transmitted first. Priority Plus service traffic is limited to a small subset of the total Committed Bandwidth (CBW) traffic and is marked for expedited handling within the Metro Ethernet Service. Customers that desire Priority Plus must establish it for all of their Premium BellSouth Metro Ethernet Service connections within that Metro Ethernet Customer Network.

12. Q-Forwarding

Customers with a Premium BellSouth Metro Ethernet Service Arrangement may order the Q-Forwarding feature. Q-Forwarding provides VLAN aggregation across a common physical connection. This feature supports customer aggregation of traffic from multiple remote customer locations. This aggregated traffic can be transported back to a central location and across a common Premium Metro Ethernet Service interface. Q-Forwarding utilizes IEEE 802.1Q VLAN Tagging procedures.

While Q-Forwarding is available with BellSouth Premium Metro Ethernet Connections at 2 Mbps, 4 Mbps and 8 Mbps, this feature is subject to technical limitations set forth in Technical Reference 73632 when used with these speed connections.

With Q-Forwarding, special technical considerations set forth in Technical Reference 73632 must be taken into account to determine the customer's CBW across their BellSouth Metro Ethernet Network.

The Q-Forwarding Service Establishment Charge is a charge to provision a Premium Metro Ethernet Connection with the Q-Forwarding feature and identify it as the host connection or the "aggregator" connection.

The Q-Forwarding Network Assignment Charge is a charge to provision any remote Premium connection to the Q-Forwarding host "aggregator" connection. The Q-Forwarding Network Assignment Charge applies for each remote Metro Ethernet Customer Network (VLAN) connected to the Q-Forwarding host "aggregator" connection.

13. VLAN Aggregation

Customers with a Virtual BellSouth Metro Ethernet Service Arrangement may order the VLAN Aggregation feature. VLAN Aggregation provides VLAN aggregation across a common physical connection. This feature supports customer aggregation of traffic from multiple remote customer locations. This aggregated traffic can be transported back to a central location and across a common Virtual Metro Ethernet Service interface. VLAN Aggregation utilizes IEEE 802.1Q VLAN Tagging procedures.

While VLAN Aggregation is available with BellSouth Virtual Metro Ethernet Connections at 2 Mbps, 4 Mbps and 8 Mbps, this feature is subject to technical limitations set forth in Technical Reference 73632 when used with these speed connections.

The VLAN Aggregation Service Establishment Charge is a charge to provision a Virtual Metro Ethernet Connection with the VLAN Aggregation feature and identify it as the host connection or the "aggregator" connection.

The VLAN Aggregation Network Assignment Charge is a charge to provision any remote Virtual connection to the VLAN Aggregation host "aggregator" connection. The VLAN Aggregation Network Assignment Charge applies for each remote Metro Ethernet Customer Network (VLAN) connected to the VLAN Aggregation host "aggregator" connection.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Terms and Conditions (Cont'd)

A. Explanation of Terms (Cont'd)

17. CNM - Metro Ethernet Reporting Service Establishment Charge

The Service Establishment Charge is a nonrecurring charge that applies per BellSouth Metro Ethernet Service customer account. This service charge covers the initial establishment of the CNM - Metro Ethernet Reporting account for each customer. A customer with an existing CNM - Metro Ethernet Reporting customer account from another *Company* jurisdiction may re-use that customer account. (T)

18. CNM - Metro Ethernet Reporting Web Interface Charge

All customers purchasing CNM - Metro Ethernet Reporting must have a Web Interface. This connection allows the customer to access and monitor their network via the Web. Each web interface provides for one concurrent access; additional concurrent accesses will require additional web interfaces. The first Web Interface is included in the initial installation of the CNM - Metro Ethernet Reporting feature. A monthly charge and a non-recurring charge are applicable for each additional Web Interface connection.

19. Metro Ethernet Security Card Charge

A Security Card is required for each Web Interface. Each security card can only be used for a single concurrent access and can be associated with only one web interface. A Security Card charge will apply for initial and additional cards, or for the issuance of additional cards to replace lost, damaged or expired cards. A nonrecurring charge is applicable per Security Card.

20. Automatic Protection Switching (APS)

Automatic Protection Switching (APS) is an optional feature that provides customers with the option of having data channel survivability through the use of a secondary path that is diverse from the path provided with their primary Metro Ethernet Connection. However, APS is not available for a 2 Mbps, 4 Mbps or 8 Mbps Connection.

21. Service Level Agreements (SLAs)

BellSouth Metro Ethernet Service Customer networks comprised of Premium Connections or Virtual Connections with Metro Ethernet Reporting are provided Service Level Agreements (SLAs) for the Company's repair and performance commitments for this service. Credits are provided for missed commitments on such service. The specific SLA commitments and credits applicable are set forth in Section A40.13.2.B.6. following for Premium Connections and in Section A40.13.2.B.7. for Virtual Connections. (T)

22. Core Trunk Automatic Failover

Core Trunk Automatic Failover is an optional feature that provides customers with the option to have an Automatic Failover SLA on core trunk protection between BellSouth Metro Ethernet service core network wire centers within a BellSouth Metro Ethernet service metropolitan area.

Core Trunk Automatic Failover is available for use with Basic, Premium and Virtual BellSouth Metro Ethernet Arrangements.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Terms and Conditions (Cont'd)

B. Basis of Offering (Cont'd)

6. Service Level Agreement for Premium BellSouth Metro Ethernet Service

BellSouth Metro Ethernet Service Level Agreements (SLAs) specify the Company's repair and performance commitments for CNM - Metro Ethernet Reporting customers. Credits are provided for missed commitments to Premium customers purchasing the CNM - Metro Ethernet Reporting feature. Credits only apply for portions of service provided by the Company. The following service measurements will outline the service levels the Company will deliver to CNM - Metro Ethernet Reporting customers with Premium Metro Ethernet Connections. Details of the technical measurements and performance results methodologies for each commitment are provided in Technical Reference TR-73632. (T)

Repair

- BellSouth Metro Ethernet Service Time-to-Repair¹
- Repair commitments are measured on a per occurrence basis

Network Service Levels

- BellSouth Metro Ethernet Service Network Availability
- BellSouth Metro Ethernet Service Network Latency
- Network Service Level Commitments are monthly performance measurements

a. SLA Definitions:

BellSouth Metro Ethernet Service Time-To-Repair

- BellSouth Metro Ethernet Service Time-To-Repair measures the outage duration on a customer's connection. This measure will require the customer to report the problem to the *Company's* repair center. (T)
- The repair interval will start with the time entered on the trouble ticket and end when fault is re-mediated. The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Time for scheduled maintenance windows does not count towards SLA threshold.

BellSouth Metro Ethernet Service Network Availability

- BellSouth Metro Ethernet Service Network Availability measures the percentage of time the customer's service is unavailable on the core network. Core network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not traverse the core network are not eligible for the Network Availability SLA and one will not be provided.
- The Service Level Commitment will be calculated by measuring and summing the outage for each network component used by the customer, divided by the total number of components, times the total service time for a particular calendar month. Excluded from the outage time and service time are scheduled maintenance windows and time the network was unavailable due to circumstances outside the Company's control.

Note 1: SLA not applicable if missed due to LightGate service or SMARTRing service outage where BellSouth Metro Ethernet Service is using LightGate service or SMARTRing service as alternate transport.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Terms and Conditions (Cont'd)

B. Basis of Offering (Cont'd)

6. Service Level Agreement for Premium BellSouth Metro Ethernet Service (Cont'd)

a. SLA Definitions: (Cont'd)

BellSouth Metro Ethernet Service Network Latency -

- BellSouth Metro Ethernet Service Network Latency measures average one-way delay in milliseconds within the core network. Core Network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not span more than one switch in the core network are not eligible for the Network Latency SLA and one will not be provided.
- The Service Level Commitment will be calculated by averaging the measured latency within the Metro Ethernet Customer Network between each pair of connections over a thirty-day period.

b. The Company's Service Level Commitments for BellSouth Metro Ethernet Service are as follows:

- BellSouth Metro Ethernet Service Time-To-Repair - 4 hours
- BellSouth Metro Ethernet Service Network Availability - 99.9%
- BellSouth Metro Ethernet Service Network Latency - 55 milliseconds

c. SLA Restrictions

- The Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to *the Company's* commitment to meet Service Levels for BellSouth Metro Ethernet Service. The customer network design requirements are as follows: (T)
- A customer must subscribe to the CNM - Metro Ethernet Premium Service with Metro Ethernet Reporting to receive credits for missed Service Level Commitments.
- Credits are not provided for partial month service.
- A customer's account must be current to receive a credit.

SLA credits do not apply when any stated objective is not met because the Company does not have control over the circumstances causing the objective to be missed. Situations over which the Company does not have control include, but are not limited to, the following:

- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service,
- labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the Company's control,
- the customer's premises equipment, and
- unavailability of the customer's facilities and/or equipment including customer-provided power and environmental conditions for *Company*-owned and operated equipment located on the customer's premise. (T)

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Terms and Conditions (Cont'd)

B. Basis of Offering (Cont'd)

6. Service Level Agreement for Premium Metro Ethernet Service (Cont'd)
 - c. SLA Restrictions (Cont'd)

The customer must request a credit within one calendar month of the Company missing a BellSouth Metro Ethernet Service Level Commitment. A customer request for a Network Service Level SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the observed measurement of the specific SLA that was missed. A customer request for a Repair SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the trouble ticket number of the repair request. The Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with their *Company* Sales Representative. SLA credits will be provided to the customer if the Company determines that the Company had control over the circumstances causing the failure. (T)

- d. SLA Credits for CNM - Metro Ethernet Reporting

The following credits will apply when the Company misses a Service Level Commitment (each credit is described in (1) thru (3) following):

BellSouth Metro Ethernet Service Time-To-Repair

0 to 4 hours per incident – No Credit

Over 4 hours to 24 hours per incident – Credit 3 days MRC

Each additional 24-hour period, per incident – Credit additional 3 days MRC

BellSouth Metro Ethernet Service Network Availability – Credit 3 days MRC

BellSouth Metro Ethernet Service Network Latency – Credit 3 days MRC

The SLA credit amount will be determined by applying the credits outlined above to the rate elements or total billed revenues specified following. Credits for all SLAs for a calendar month cannot exceed the MRC for the BellSouth Metro Ethernet Service components. Credits are not provided for partial month service.

- (1) BellSouth Metro Ethernet Service Time-To-Repair Credit - The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Multiple trouble tickets on the same day for the same Customer Connection will only be eligible for one time-to-repair credit. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections.
- (2) BellSouth Metro Ethernet Service Network Availability Credit –The credit will apply for each BellSouth Metro Ethernet Service Connection that does not meet the availability commitment. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Availability SLA.
- (3) BellSouth Metro Ethernet Service Network Latency Credit – The credit will apply for each Metro Ethernet Service Connection that does not meet the latency commitment. Credit will apply to all Monthly Recurring Charges associated with the affected customer connections. BellSouth Metro Ethernet Networks that do not traverse the core network are not eligible for credits under the BellSouth Metro Ethernet Service Network Latency SLA

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Terms and Conditions (Cont'd)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual BellSouth Metro Ethernet Service

BellSouth Metro Ethernet Service Level Agreements (SLAs) specify the Company's repair and performance commitments for CNM - Metro Ethernet Reporting customers. Credits are provided for missed commitments to Virtual customers purchasing the CNM - Metro Ethernet Reporting feature. Credits only apply for portions of service provided by the Company. The following service measurements will outline the service levels the Company will deliver to CNM - Metro Ethernet Reporting customers with Virtual Metro Ethernet Connections. SLAs will be applied on a per Class of Service (CoS) basis for Virtual Connections; traffic representing the different CoS (i.e., Real-Time, Interactive, Business Critical and Best Effort) transported across the same Virtual Connection will have different SLAs. Details of the technical measurements and performance results methodologies for each commitment are provided in Technical Reference TR-73632. (T)

Repair

- BellSouth Metro Ethernet Service Time-to-Repair¹
- Repair commitments are measured on a per occurrence basis for all CoS

Network Service Levels

- BellSouth Metro Ethernet Service Network Availability
- BellSouth Metro Ethernet Service Network Latency²
- BellSouth Metro Ethernet Service Network Jitter^{2,3}
- BellSouth Metro Ethernet Service Network Packet Delivery²
- Network Service Level Commitments are monthly performance measurements by CoS

a. SLA Definitions:

BellSouth Metro Ethernet Service Time-To-Repair

- BellSouth Metro Ethernet Service Time-To-Repair measures the outage duration on a customer's connection for all CoS. This measure will require the customer to report the problem to the *Company's* repair center. (T)
- The repair interval will start with the time entered on the trouble ticket and end when fault is re-mediated. The Service Level Commitment measurement will be based on each individual trouble ticket for a Customer Connection. Time for scheduled maintenance windows does not count towards SLA threshold.

BellSouth Metro Ethernet Service Network Availability

- BellSouth Metro Ethernet Service Network Availability measures the percentage of time by CoS during a calendar month that the customer's service is unavailable on the core network. Core network is defined as being from the Ethernet switch serving the customer's A-end to the Ethernet switch serving the customer's B-end. Customer networks that do not traverse the core network (i.e., do not span more than one switch in the core network) are not eligible for the Network Availability SLA and one will not be provided.
- The Service Level Commitment will be calculated by CoS by measuring and summing the outage for each network component used by the customer, divided by the total number of components, times the total service time for a particular calendar month. Excluded from the outage time and service time are scheduled maintenance windows and time the network was unavailable due to circumstances outside the Company's control.

Note 1: SLA not applicable if missed due to LightGate service or SMARTRing service outage where BellSouth Metro Ethernet Service is using LightGate service or SMARTRing service as alternate transport.

Note 2: SLA not applicable for Best Effort CoS.

Note 3: SLA not applicable for Business Critical CoS.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Terms and Conditions (Cont'd)

B. Basis of Offering (Cont'd)

7. Service Level Agreement for Virtual Metro Ethernet Service (Cont'd)

c. SLA Restrictions

- The Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to *the Company's* commitment to meet Service Levels for BellSouth Metro Ethernet Service. The customer network design requirements are as follows: (T)
- A customer must subscribe to the Metro Ethernet Virtual Service with CNM - Metro Ethernet Reporting to receive credits for missed Service Level Commitments.
- Credits are not provided for partial month service.
- A customer's account must be current to receive a credit.

SLA credits do not apply when any stated objective is not met because the Company does not have control over the circumstances causing the objective to be missed. Situations over which the Company does not have control include, but are not limited to, the following:

- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service,
- labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the Company's control,
- the customer's premises equipment, and
- unavailability of the customer's facilities and/or equipment including customer-provided power and environmental conditions for *Company*-owned and operated equipment located on the customer's premise. (T)

The customer must request a credit within one calendar month of the Company missing a BellSouth Metro Ethernet Service Level Commitment. A customer request for a Network Service Level SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the observed measurement of the specific SLA that was missed. A customer request for a Repair SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the trouble ticket number of the repair request. The Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with their *Company* Sales Representative. SLA credits will be provided to the customer if the Company determines that the Company had control over the circumstances causing the failure. (T)

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Terms and Conditions (Cont'd)

B. Basis of Offering (Cont'd)

8. SLA Credits for Core Trunk Automatic Failover

- a. For service outages greater than 30 seconds within a BellSouth Metro Ethernet core network associated with a metropolitan area in which core trunk protection has been deployed, and where the customer has subscribed to the Core Trunk Automatic Failover optional feature for Basic, Premium or Virtual BellSouth Metro Ethernet Arrangements, a service outage credit equal to 50% of the monthly recurring charge for a Metro Ethernet Connection associated with the Core Trunk Automatic Failover optional feature shall apply. Only one such credit shall apply per bill period. This credit is independent from any other BellSouth Metro Ethernet Service SLA credit, i.e., the other BellSouth Metro Ethernet Service Network SLA credits are based on the parameters for the respective SLA(s) and do not relate nor apply in combination with the Core Trunk Automatic Failover SLA credit.

b. SLA Restrictions

The Company will implement SLA provisioning restrictions that will define customer network design requirements and limitations to *the Company's* commitment to meet Service Levels for BellSouth Metro Ethernet Service. The customer network design requirements are as follows: (T)

- Credits are not provided for partial month service.
- A customer's account must be current to receive a credit.

SLA credits do not apply when any stated objective is not met because the Company does not have control over the circumstances causing the objective to be missed. Situations over which the Company does not have control include, but are not limited to, the following:

- any act, any omission or negligence on the part of the customer, any other customer or any third party, or of any other entity providing a portion of the service,
- labor difficulties, governmental orders, civil commotions, declared National Emergencies, criminal actions against the Company, acts of God, war, or other circumstances beyond the Company's control,
- the customer's premises equipment, and
- unavailability of the customer's facilities and/or equipment including customer-provided power and environmental conditions for *Company*-owned and operated equipment located on the customer's premise. (T)

The customer must request a credit within one calendar month of the Company missing a BellSouth Metro Ethernet Service Level Commitment. A customer request for a Network Service Level SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the observed measurement of the specific SLA that was missed. A customer request for a Repair SLA credit must be submitted on a standard request form issued by the Company that includes the month the SLA commitment was missed, accurate identification of the affected circuit, and the trouble ticket number of the repair request. The Company will investigate customer requests for any SLA credits to determine the cause of any performance failures reported by the customer. The Company will investigate the customer's request over a period of up to 45 calendar days. The 45-day period will begin when the customer makes the request for credit with their *Company* Sales Representative. SLA credits will be provided to the customer if the Company determines that the Company had control over the circumstances causing the failure. (T)

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Terms and Conditions (Cont'd)

C. Provision of Service (Cont'd)

10. Automatic Protection Switching (APS) is an optional feature available, except as specified otherwise herein, to a customer with a Basic, Premium or Virtual BellSouth Metro Ethernet Service Connection of 10 Mbps or higher¹. The APS feature provides customers with the option of having data channel survivability through the use of a secondary transport path that is diverse from the path provided with their primary Metro Ethernet Connection. This secondary transport path (i.e., data channel) is provided for a specific Metro Ethernet Connection (i.e., the primary) with the selection of the APS feature which then provides the customer with complete path protection.

With APS, the primary Metro Ethernet Connection's data channel is monitored for threshold violations or path failures with a fail-over to the secondary data channel path provided via the APS feature. The APS data channel is checked periodically to ensure its availability if a failure of the primary Metro Ethernet Connection's data channel occurs.

APS may be ordered as a structurally diverse transport path (Structural Protection) or a route diverse transport path (Route Protection).

Structural Protection APS is defined as the APS facility and the primary Metro Ethernet Connection facility being in separate sheaths in separate structures located along the same route (e.g., underground/underground, buried/underground, aerial/underground, aerial/buried, buried/buried, and aerial/aerial), or along different routes at the Company's discretion. (T)

Route Protection APS is defined as the APS facility being in a separate sheath within alternate underground, aerial or direct buried structures that are run along separate physical paths from the facilities associated with the primary Metro Ethernet Connection. No precise distance separation is specified between the paths; although the separation is sufficient to preclude one disruptive event from affecting both routes.

The APS feature is billed based upon the actual total route miles in a customer's specific Structural Protection APS or Route Protection APS design as determined by the Company. The term "route miles" is defined for this application to be the actual physical distance or length (not airline mileage), rounded up to the next whole mile, of the unique APS facility designed for each individual customer premises. Total route miles are measured between the customer premises and its serving wire center, plus route miles between the serving wire center and any intermittent wire centers in the path designed to reach the BellSouth Metro Ethernet wire center associated with the primary Metro Ethernet Connection (i.e., the wire center where the BellSouth Metro Ethernet switching equipment is located). For situations where a BellSouth Metro Ethernet customer utilizes SMARTRing service, or BellSouth Wavelength Dedicated Ring service as an alternate means of transport, the route miles between the central office node location and the BellSouth Metro Ethernet Connection wire center for these services shall be included as a part of the total "route miles" described above. (T)

The APS rate element provides the alternate data channel transport and APS equipment in the BellSouth Metro Ethernet Service wire center associated with the primary Metro Ethernet Connection. Actual total route mileage for the customer's APS design is determined from a Service Inquiry. The route mileage determined from this Service Inquiry is used for billing purposes and is the sole determinant of such mileage (i.e., not subject to dispute). (T)

Note 1: Automatic Protection Switching (APS) is not available for a 2 Mbps, 4 Mbps or 8 Mbps Basic, Premium or Virtual Connection.

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Terms and Conditions (Cont'd)

C. Provision of Service (Cont'd)

11. Basic, Premium and Virtual BellSouth Metro Ethernet Service Connections of 10 Mbps or higher may alternatively be provided to a customer premises over the customer's LightGate service or SMARTRing service.

The customer is required to purchase the appropriate LightGate service or SMARTRing service BellSouth Metro Ethernet Backbone interfaces that are a bandwidth equal to the bandwidth of the BellSouth Metro Ethernet Service backbone transport that is standard for the specific type and speed of BellSouth Metro Ethernet Service Connection serving that customer premises. (A chart is provided herein which sets forth the backbone bandwidth of each type and speed of BellSouth Metro Ethernet Service Connection.) Standard BellSouth Metro Ethernet Service features are available on such alternative arrangements, with the exception that Automatic Protection Switching is not available.

For such applications using LightGate service or SMARTRing service as alternate transport, the BellSouth Metro Ethernet Service Connection will provide data channel transport to connect the termination of the LightGate service or SMARTRing service at the central office node, to the BellSouth Metro Ethernet Service wire center associated with the BellSouth Metro Ethernet Service Connection (i.e., the central office of the Metro Ethernet Service switch).

When the LightGate service or SMARTRing service central office node is located greater than 10 miles from the BellSouth Metro Ethernet Service wire center, BellSouth Metro Ethernet Service Additional Mileage charges will also be applicable.

Metro Ethernet connections to SMARTRing can be either point-to-point or they can connect to Basic Shared Ethernet LAN service via Metro Ethernet Access Links.

For BellSouth Metro Ethernet Service Connections utilizing the customer's LightGate service or SMARTRing service as alternate transport, the committed bandwidth for select speeds will be as shown in Technical Reference TR-73632.

(T)

Point-to-Point Metro Ethernet Connection to SMARTRing Service	
<u>Metro Ethernet Connection</u>	<u>Metro Ethernet Backbone Bandwidth</u>
Basic 10 Mbps	100 Mbps (1 STS-1)
Basic 100 Mbps	100 Mbps (3 STS-1)
Basic 1000 Mbps	1000 Mbps
Premium 10, 20, 50 Mbps (Fixed)	100 Mbps (1 STS-1)
Premium 10, 20, 50 Mbps (Burst)	100 Mbps (3 STS-1)
Premium 100 Mbps (Fixed)	Fractional 1000 Mbps at 150 Mbps
Premium 250 Mbps (Fixed)	Fractional 1000 Mbps at 300 Mbps
Premium 500 Mbps (Fixed)	Fractional 1000 Mbps at 600 Mbps
Premium 100, 250, 500 Mbps (Burst)	1000 Mbps
Virtual 10, 20, 50 Mbps	100 Mbps (1 STS-1)
Virtual 80 Mbps	100 Mbps (3 STS-1)
Virtual 100 Mbps	Fractional 1000 Mbps at 150 Mbps
Virtual 200, 300 Mbps	Fractional 1000 Mbps at 300 Mbps
Virtual 450 Mbps	Fractional 1000 Mbps at 450 Mbps
Virtual 600 Mbps	Fractional 1000 Mbps at 600 Mbps
Virtual 750, 900 Mbps	1000 Mbps

A40. FAST PACKET TRANSPORT SERVICES

A40.13 BellSouth Metro Ethernet Service (Cont'd)

A40.13.2 Terms and Conditions (Cont'd)

C. Provision of Service (Cont'd)

- 13. Basic, Premium and Virtual BellSouth Metro Ethernet Service Connections of 100 Mbps and 1000 Mbps may alternatively be provided to a customer premises over a customer's BellSouth Wavelength service Dedicated Ring Arrangement.

The customer is required to purchase the appropriate BellSouth Wavelength service Dedicated Ring Arrangement Wavelength Channel for the specific type and speed of BellSouth Metro Ethernet Service Connection serving that customer premises. (A chart is provided herein which sets forth the Wavelength Channel associated with the 100 Mbps and 1000 Mbps BellSouth Metro Ethernet Service Connection.)

For such applications using BellSouth Wavelength service as alternate transport, the BellSouth Metro Ethernet Service Connection will provide data channel transport from the BellSouth Metro Ethernet Service wire center associated with the BellSouth Metro Ethernet Service Connection (i.e., the central office of the Metro Ethernet Service switch) to the central office Node Location of the customer's BellSouth Wavelength service Dedicated Ring Arrangement.

When the central office Node Location of the customer's BellSouth Wavelength service Dedicated Ring Arrangement is located greater than 10 miles from the BellSouth Metro Ethernet Service wire center, BellSouth Metro Ethernet Service Additional Mileage charges will also be applicable.

<u>Metro Ethernet Connection</u>	<u>Wavelength Dedicated Ring Arrangement Wavelength Channel</u>
Basic 100 Mbps	Fast Ethernet at 100 Mbps
Basic 1000 Mbps	Gigabit Ethernet at 1 Gbps
Premium 10 Mbps, 20 Mbps and 50 Mbps (fixed and burst)	Fast Ethernet at 100 Mbps
Premium 100 Mbps (fixed) (provisioned via a physical 100 Mbps port)	Fast Ethernet at 100 Mbps
Premium 100 Mbps (fixed) (provisioned via a physical 1000 Mbps port)	Gigabit Ethernet at 1 Gbps
Premium 100 Mbps (burst)	Gigabit Ethernet at 1 Gbps
Premium 250 Mbps and 500 Mbps (fixed and burst)	Gigabit Ethernet at 1 Gbps
Premium 1000 Mbps (fixed)	Gigabit Ethernet at 1 Gbps
Virtual 10 Mbps, 20 Mbps, 50 Mbps and 80 Mbps	Fast Ethernet at 100 Mbps
Virtual 100 Mbps (provisioned via a physical 100 Mbps port)	Fast Ethernet at 100 Mbps
Virtual 100 Mbps (provisioned via a physical 1000 Mbps port)	Gigabit Ethernet at 1 Gbps
Virtual 200 Mbps, 300 Mbps, 450 Mbps, 600 Mbps 750 Mbps, 900 Mbps and 1000 Mbps	Gigabit Ethernet at 1 Gbps

- 14. In some cases, the Company and an Independent Telephone Company (ICO) may agree to jointly provide a customer Metro Ethernet Service. The rates and charges for the BellSouth Metro Ethernet Service Connection are applicable for such connectivity; charges for BellSouth Metro Ethernet Additional Mileage are also applicable when the mileage from the *Company*/ICO meet-point to the BellSouth Metro Ethernet wire center associated with the service is over 10 miles. The Company is only responsible for the ordering, provisioning, maintaining and billing of such service up to the meet-point (i.e., demarcation point with the ICO). BellSouth Metro Ethernet Service SLA credits shall only be applicable for the portion of the service provided within the territory of the Company; such credits are appropriate only for missed commitments determined to be the fault of the Company.

(T)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

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A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS)

A42.1.1 General

- A. ISDN - Business Service (IBS) will be offered under a Flat Rate Threshold Pricing Plan or a Usage Option Plan.
1. The Flat Rate Threshold Pricing plan allows up to 320 hours of use each month per DSL at the flat rate. Minutes of use rates will apply for all usage above the 320 hours per DSL threshold.
 2. Usage Option Plans will be available for various thresholds of local use only on National ISDN lines. Usage Option Plans not available for IBS lines associated with a Centrex based system.
 - a. Usage Option Plan A - The Basic Local Calling area for Usage Option Plan A will be the LATA boundary. Local usage under Usage Option Plan A will be recorded on originating calls terminating within the LATA. Minutes of use rates will apply for total local usage. This plan is limited to outward only service.
 - b. Usage Option Plan B will have unlimited usage inside the Extended Local Calling Area. The Extended Local Calling Area for Usage Option Plan B will be the Basic Local Calling Area plus the Extended Calling Area as described in Section A3.
 - c. Usage Option Plan D¹ allows up to 800 hours (48,000 minutes) of use per DSL per month and is offered only to customers located in the Hernando, Mississippi exchange. Minutes of use rates will apply for total local usage above the 800 hours per DSL per month. Usage under this plan will be recorded on outward usage for calls within the LATA. The Basic Area for this plan will be the LATA boundary. Total local usage charges within the LATA will be capped at \$110 per DSL per month.
 3. The following stipulations apply only when the IBS line from which the call originates subscribes to a Usage Option Plan.

Calls completed with automated calling cards or operator assistance within the Basic Local Calling Area and Extended local calling area will be rated at the Usage Option Plan usage charges in addition to the appropriate Operator Assisted Local Call surcharges. Such calls are itemized on the subscriber's billing statement and are billed outside any applicable usage allowances or caps.
 4. Reduced toll rates as specified in this section will be applied to toll calls outside the Extended Local Calling Area but within the LATA for all calls billed to a IBS line subscribing to Usage Option Plan B. Operator assisted charges as specified in A3. apply to operator handled and credit card calls in addition to the usage charges specified.

All IBS lines in an earning account must be in the same type Plan, i.e., all Usage Option Plan A's, Threshold, etc. Hunting between various types of plans will not be allowed.

A minimum service period of three months will be required on IBS lines whether established under a Flat Rate Threshold Pricing Plan or a Usage Option Plan. Termination Charges as defined in this *guidebook* will apply if the customer terminates or disconnects the service prior to fulfilling the three months period. (T)
- B. ISDN - Business Service (IBS) is a new intraLATA group of offerings supported by the Integrated Services Digital Network (ISDN) architecture. IBS supports simultaneous transmission of voice, data, and packet services on the same exchange access line. Calling/Called Number Delivery, Calling Name Delivery, and Call Hold are included with this service. IBS is available where facilities permit.
- C. IBS provides a new method of access to the telephone network called Basic Rate Access. Basic Rate Access will consist of one or two 64 Kbps (B) channels and one 16 Kbps (D) channel at the service delivery point.
- D. IBS is provided through Basic Rate Access. Features are available to increase the capability of the Bearer Alternative Service and may be subscribed to on an as-needed basis.
- E. B channel circuit switched services offer up to 64 Kbps intra-office transmission of voice or data. This option permits the customer to utilize either circuit voice or data transmission paths on a per call selection basis. Transmission on the B channel will be circuit switched at 64 Kbps within the switch and/or equipped facilities between ISDN compatible central offices. ISDN interconnection to non-ISDN equipped central offices will be potentially subjected to analog transmission or sub-rated to 56 Kbps. This option includes one directory number (DN).
- F. IBS will consist of the following components: (M)
- Basic Rate Digital Subscriber Line (DSL) Access (M)
 - At least one channel, either B or D, must be activated. A maximum of two simultaneous B channels can be in use per Basic Rate Access. (M)
 - Minimum of one and maximum of eight User Profiles per Basic Rate Digital Subscriber Line (DSL) Access Arrangement. (M)
- G. Grouping Service (Hunting) is available for ISDN Individual Service. (M)

Note 1: Usage Option Plan C is reserved for future use.

Page 1.1 is hereby deleted in its entirety and removed from this Guidebook. (N)

Material appearing on this page previously appeared on page(s) 2 of this section.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

(M)

A42.1.2 *Terms and Conditions*

(T)

- A. Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning.
- B. The Company will be responsible for publishing and maintaining ISDN Interface Specifications.
- C. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of Basic Rate Access render any facilities provided by the customer obsolete or require modification or alteration of such equipment or system, or otherwise affect its use or performance.
- D. Suspension of service is not allowed except for IBS lines associated with MultiServ or MultiServ PLUS service. Suspension at the request of the subscriber will be allowed on the B-channel portion of these main station lines at 50 percent of the rate regularly charged. Optional features outlined in Section A12. and this section will be suspended at no recurring charge during the period of suspension unless otherwise noted. Other rules and restrictions as outlined in Section A2. apply.
- E. Service Charges in Section A4. are applicable per Basic Rate DSL access in addition to rates and charges following.
- F. Installation charges in this Section will be waived for ISDN Residence Service customers transferring existing service to ISDN Business Service. Appropriate installation charges will be charged for any additions to the service completed at the time of transfer.
- G. Usage rates will apply for total local usage minutes over the 320 hours allowed under the Flat Rate Threshold Pricing Plan. Usage rates will apply for all total local usage minutes under Usage Option Plan A. Usage rates will apply for total local usage above the 800 hours per DSL per month allowed by Usage Option Plan D. Usage rates, as appropriate, are specified in this section.
- H. IBS will be available where central office and outside plant facilities permit.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.2 Terms and Conditions (Cont'd)

- I.** IBS served from a central office other than the central office the subscriber would normally be served from will require interoffice facilities as provided in this Section per DSL. Any non-ISDN interoffice facilities connecting to this service will follow the *terms and conditions* in Section A9. (T)

Existing customers may convert to the Interoffice Circuits in this Section or they may continue to pay rates for interoffice facilities from Section A9, until they make changes or additions. Existing customers choosing to convert interoffice facilities will not be charged the installation charge for Interoffice Circuits. Appropriate charges from Section A4, are also not applicable for these conversions. Any changes or additions completed at the time of conversion will be charged the appropriate Installation charges. When the customer requests changes or additions to existing interoffice facilities, they must subscribe to the Interoffice Circuits from this Section. (T)

At the Company's option, when the normal serving central office is not equipped for ISDN, a customer may be served with ISDN from another central office. When the Company elects this serving arrangement, the interoffice charges will not apply. IBS customers to be served under this arrangement must sign an agreement the service will be moved back to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. Should the customer request to be served from an ISDN equipped central office other than the normal serving central office, the appropriate interoffice or interexchange charges will apply.

Charges for interoffice facilities will apply for any IBS line associated with a MultiServ service or MultiServ Plus service that is served from a central office other than the normal service central office.

- J.** (DELETED)

- K.** Each ISDN Basic Rate DSL Access Arrangement will be counted as one line in determining the application of the Service Charges specified in Section A4, and the End User Charges as specified in the End User Common Access Service section of BellSouth Telecommunications, LLC, FCC No. 1 Section 4.

- L.** IBS lines may be purchased to be associated with MultiServ service or MultiServ PLUS service, located in Sections A12.20 and A12.21. Terms and conditions for MultiServ service and MultiServ PLUS service will apply to these IBS lines except as otherwise stated in this section.

Each ISDN Basic Rate DSL Access Arrangement will be counted as a MultiServ service or MultiServ PLUS service line in determining the total system size.

IBS lines associated with MultiServ service or MultiServ PLUS service may purchase Optional Features compatible with ISDN from the MultiServ service Optional Features section of the MultiServ service section as well as features unique to ISDN lines from the Optional Features in this section. MultiServ Service Feature Groups are not available for use with these IBS lines.

IBS lines not associated with a MultiServ service or MultiServ PLUS service may not purchase features from the MultiServ service section.

Only 36-120 months contract periods are available under the Rate Stability Plan¹ in this section for IBS lines associated with a MultiServ service or MultiServ PLUS service as those lines must be coterminous with the MultiServ service or MultiServ PLUS service main station lines.

- M.** Effective November 15, 2001, only customers located in the Hernando, Mississippi exchange will be allowed to subscribe to IBS and IRS under the new Basic Rate ISDN Usage Option Plan D. This Area Calling Plan was developed pursuant to Mississippi Public Service Commission in Docket 2000-AD-413 dated September 21, 2001. Existing IBS and IRS customers located in the Hernando, Mississippi exchange subscribing to the Flat Rate Plan Threshold Pricing Plan or the Usage Option Plan will be converted on or before this date to the new Basic Rate ISDN Usage Option Plan D for Hernando, MS.

Note 1: As of August 31, 2011, Rate Stability Plans are no longer available for new or renewing subscribers. (M)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.3 Definitions

B CHANNEL

A bidirectional synchronous channel capable of supporting 64 Kbps of digital transmission.

D CHANNEL

A 16 Kbps digital signaling channel also capable of supporting 9.6 Kbps of packet information for the Basic Rate Interface.

64 KBPS CLEAR CHANNEL CAPACITY (CCC)

A B channel connection that provides end-to-end digital connection in which all 64 Kbps of bandwidth are available for customer use.

A42.1.4 Rates and Charges

		Installation Charge	Month To Month	Rate Stability ¹		USOC
				Mos. Plan	Mos. Plan	
			24-59	60-120		
A.	Interoffice Circuits					
	1. Per DSL					
	(a) Each, including 1st mile	\$240.00	\$115.00	\$105.00	\$95.00	M1GNC
	(b) Each additional mile	-	.45	.40	.35	M1GNM
B.	Interface					
	1. Basic Rate DSL Access Arrangement					
	a. Business Service					
	(1) Per DSL Flat Rate Threshold Pricing Plan					
	(a) (Obsoleted - See A142)					
	(b) (Obsoleted - See A142)					
	(c) (Obsoleted - See A142)					
	(d) (Obsoleted - See A142)					
	(e) ISDN Access (5ESS/DMS)	130.00	362.70	55.00	55.00	LQTTB
	(f) ISDN Access (EWSD)	130.00	362.70	55.00	55.00	LQTEB
	(2) Per DSL Usage Option Plan A					
	(a) ISDN Access (5ESS/DMS)	130.00	460.10	69.95	69.95	LQ1AA
	(b) ISDN Access (EWSD)	130.00	460.10	69.95	69.95	LQ1AC
	(3) Per DSL Usage Option Plan B					
	(a) ISDN Access (5ESS/DMS)	130.00	1,645.00	249.95	249.95	LQ1BA
	(b) ISDN Access (EWSD)	130.00	1,645.00	249.95	249.95	LQ1BC

Note 1: As of August 31, 2011, Rate Stability Plans are no longer available for new or renewing subscribers.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.4 Rates and Charges (Cont'd)

B. Interface (Cont'd)

	Installation Charge	Month to Month	Rate Stability ¹ Monthly Rate		USOC
			24 – 59 Mo. Plan	60 – 120 Mo. Plan	
1. Basic Rate DSL Access Arrangement (Cont'd)					
a. Business Service (cont'd)					
(4) Per DSL Usage Option Plan D ² - 800 Hours					
(a) ISDN Access (5ESS/DMS)	\$130.00	\$75.00	\$75.00	\$75.00	LQUMA
(b) ISDN Access (EWSD)	130.00	75.00	75.00	75.00	LQUMC
2. Channels Activated					
a. B Channel (Maximum of 2)					
(1) Circuit Switched Voice/Data, Each					
(a) (Obsoleted - See A142.)					
(b) (Obsoleted - See A142.)					
(c) Flat Rate Threshold Pricing	-	108.20	13.25	11.25	LQGFX
(d) Usage Option Plan A	-	-	-	-	LQLAX
(e) Usage Option Plan B	-	-	-	-	LQLBX
(f) Usage Option Plan D ²	-	-	-	-	LQLDX
(2) Circuit Switched Voice/Data for use with MultiServ PLUS, Each ³					
(a) (Obsoleted - See A142.)					
(b) (Obsoleted - See A142.)					
(c) Flat Rate Threshold Pricing	-	12.25	9.35	7.25	LQGMB

Note 1: As of August 31, 2011, Rate Stability Plans are no longer available for new or renewing subscribers.

Note 2: Usage Option Plan C is reserved for future use.

Note 3: These rate elements may be used only with IBS lines associated with MultiServ PLUS service and require Network Access Registers.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.4 Rates and Charges (Cont'd)

D. Usage

1. (Obsoleted – See A142)
2. Usage above 320 hours per DSL allowed in the Flat Rate Threshold Plan or minutes of use per DSL in Usage Option Plan A will be billed at the per minute of use rate per channel in use.

	Rate Per Minute of Use	USOC
(a) Per Minute of Use above Threshold Plan Allowance	\$0.02	N/A
(b) Per Minute of Use - Usage Option A	0.05	N/A
(c) Per Minute of Use above Usage Option Plan D ¹ Allowance	0.01	N/A

3. Usage Outside the Expanded Local Calling Area but inside the LATA.

The following charges apply per channel in use for customer dialed calls originated from and billed to a IBS line equipped for Usage Option Plan B when calls terminate outside the Expanded Local Calling Area but inside the LATA.

	Rate Per Minute of Use	USOC
(a) Per Minute of Use	\$0.09	N/A

E. Packages

1. Packages EZ1, EZ1A, EZ2 and EZ2A are available for use with IBS on National ISDN lines. The packages will not be available on Custom ISDN lines or lines associated with MultiServ service or MultiServ PLUS service. A credit will be applied to the monthly billing for customers purchasing IBS via one of these packages. Packages must be ordered exactly as stated in the descriptions of the packages. If any feature listed in the package is deleted or provisioning options are changed, the package credit will no longer apply.

Additional optional features compatible with the package configurations are allowed with the packages. Additional features may be added only on the User Profile already provisioned with features.

2. Description of Packages -

- a. Package EZ1 - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button.
- b. Package EZ1A - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., Visual Message Waiting, Call Forwarding Busy Line, Call Forwarding Don't Answer. Voice mail service will be allowed with this package.
- c. Package EZ2 - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., 2 Secondary DN's.
- d. Package EZ2A - Low Speed DSL, 2 B-channel CSV/CSD - Channel Activation, 2 B-channel CSV/CSD - User Profile, 2 Additional Call Appearances, 1 Conference, Drop, Hold & Transfer, 1 Call Forwarding Variable - Button., 2 Secondary DN's, Visual Message Waiting, Call Forwarding Busy Line, Call Forwarding Don't Answer. Voice Mail service will be allowed with this package.

3. Packages Rates and Charges (M)

- a. Per DSL (M)
 - (1) Packages - Credit Per DSL (M)

	Installation Charge	Monthly Credit	USOC	
(a) Package EZ1 Credit	\$-	\$7.60	LPE01	(M)
(b) Package EZ1A Credit	-	8.10	LPE1A	(M)
(c) Package EZ2 Credit	-	8.10	LPE02	(M)
(d) Package EZ2A Credit	-	9.60	LPE2A	(M)

Note 1: Usage Option Plan C is reserved for future use.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.1 ISDN - Business Service (IBS) (Cont'd)

A42.1.4 Rates and Charges (Cont'd)

F. Termination Charges

IBS lines placed in service under Rate Stability Plans after the effective date of this *guidebook* will incur a Termination charge at the date of termination if the customer terminates or disconnects the service prior to fulfilling the period of the Rate Stability Plan. Termination Charges will not apply for IBS lines upgrading to another service offered by the Company with a contract period equal to or longer than the existing ISDN contract.

- 1. Termination Charge for 24-59 Mos. Rate Stability Plan if disconnected within:

	Termination Charges	USOC
(a) 1- 12 Months ¹	\$300.00	LPEB2
(b) 13-23 months	200.00	LPEB3
(c) 24-58 months	100.00	LPEB4

- 2. Termination Charge for 60-120 Mos. Rate Stability Plan if disconnected within:

(a) 1-23 months	300.00	LPEB5
(b) 24-59 months	200.00	LPEB6
(c) 60-119 months	100.00	LPEB7

A42.1.5 Optional Features

Customers are required to subscribe to ISDN - Business Service (IBS) before ordering these features. Calling/Called Number Delivery, Calling Name Delivery, and Call Hold are provided with this service. Features are available to increase the capability of IBS and may be subscribed to on an as needed basis. Availability of features are limited to where facilities permit and may be limited by central office type and switch load.

Where facilities permit, Call Forwarding features will provide for one calling path. Up to nine (9) additional call forwarding paths may be added with a monthly charge per calling path.

A. Optional Features

Availability of features as described in 1. and 2. following is dependent upon whether the central office is equipped with Custom ISDN or National ISDN.

- 1. Features for use with Electronic Key Telephone Service (EKTS):

This option provides a group of features that increase the user's voice terminal flexibility and offers the functionality of a key system to groups of users with EKTS equipment.

- a. Shared Primary DN - This is a primary DN that appears on one or more terminals.
- b. Secondary-Only DN - This is a secondary DN that appears on one or more terminals, but is not the primary DN on any of those terminals.

Note 1: This Termination Charge also applies at the date of termination if a customer terminates or disconnects prior to fulfilling the three months minimum service period.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.2 ISDN - Residence Service (IRS) (*Obsoleted, see Section A142*)

Pages 13 through 23 are hereby deleted in their entirety and removed from this Guidebook.

(N)

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN

A42.3.1 General

- A. Primary Rate ISDN is an intraLATA offering supported by the Integrated Services Digital Network (ISDN) architecture.
- B. Primary Rate ISDN provides an ISDN based, DS1 access to the telecommunications network and includes the flexibility of integration of multiple voice and/or data transmission channels on the same line. The service will provide connectivity between ISDN compatible CPE and a serving central office. The Service may not be installed at a carrier hotel, a collocation cage, or any similar location. The basic channel structure for Primary Rate ISDN is twenty-three 64 Kbps B-Channels and one 64 Kbps D-Channel. The customer has the option to activate up to 23 B-Channels on the first Primary Rate ISDN arrangement and up to 24 channels on additional Primary Rate ISDN arrangements. A Digital Data Only option¹ and an Inward Data Option are also available. The 23 B-Channels can be used to connect the customer's CPE to the Public Circuit Switched Network, e.g., outward, inward and 2-way network access. Calling Number Delivery, Called Number Delivery, Outgoing Calling Name Delivery, and Hunting functionality are inherent to this service. Incoming Calling Name Delivery, an optional feature offered at rates listed in A42.3.4.D.5., is available in switch types where equipped. Redirecting Number, an optional feature described in A42.3.3, is offered at no charge to the customer in switch types where equipped. Telephone numbers for use on Primary Rate ISDN are available in this Section. One Directory Listing will be furnished at no charge for each Primary Rate ISDN B-Channel. Additional listings can be obtained as specified in Section A6.
- C. Primary Rate ISDN provides capability for the transmission of digital signals only. Clear Channel Capability and Extended Superframe Format are inherent to the service.
- D. Primary Rate ISDN is provided within a LATA from wire centers where appropriate ISDN facilities are available as determined by the Company. Special Construction charges may apply as specified in Section A5.
- E. Primary Rate ISDN Access Lines furnished between a serving wire center and a customer's premises will be offered at a non-distance sensitive rate per Primary Rate ISDN Access Line. If a customer wishes to utilize another Company provided transport facility, e.g., SMARTRing service, that can meet the required standards to carry the Primary Rate ISDN Access (DS1) Line, the customer will incur no charge for the Primary Rate ISDN (DS1) Line. MegaLink service cannot be utilized to provide transport for Primary Rate ISDN except where the Primary Rate ISDN is terminated in CNM - FlexServ service. Asynchronous Transfer Mode (ATM) Service can be utilized to transport Primary Rate ISDN Voice/Data - Flat Rate under the *terms and conditions* stated in A42.3.2.CD. (T)
- F. Interoffice Channels furnished between central offices will be charged at rates based on airline distance between the central offices, except as provided in A42.3.2.Q. following.
- G. Airline distance between Company central offices shall be developed using the methodology found in B3.3.3. Fractional mileage shall be rounded up to the next full mile.
- H. The required components for Primary Rate ISDN are as follows:
 - Primary Rate ISDN Access Line where applicable
 - Interoffice Channels where applicable
 - Primary Rate ISDN Interface
 - Primary Rate ISDN B-Channels
 - Primary Rate ISDN D-Channel
 - Telephone Numbers
 - Call Types

Note 1: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd)

A42.3.2 Terms and Conditions (Cont'd)

- B.** Nonrecurring charges associated with the Primary Rate ISDN Access Line or Interoffice Channel facilities will not be applicable when upgrading from an existing MegaLink service to Primary Rate ISDN. A Type 1 Service Change Charge as specified in A42.3.4.G. will be applicable for the MegaLink service upgrade in addition to nonrecurring charges for other Primary Rate ISDN rate elements ordered.
- C.** No nonrecurring charges will be applicable when converting MegaLink ISDN service to Primary Rate ISDN or for converting from one Primary Rate ISDN option to another, e.g. Voice/Data to Inward Data or Inward Data to Inward Data Extended Reach Service (ERS). The term "conversion" means that the Primary Rate Interface(s) remain in place in the same central office. If the Primary Rate Interface(s) are moved in connection with ERS, the change is considered a rearrangement and *terms and conditions* stated in D. following are applicable. No termination charges are applicable for conversions when: (T)
1. The contract selected for the new Primary Rate ISDN arrangement is coterminous with the previous contract or is for a 24 month period, whichever is longer, and,
 2. the service orders to disconnect the previous arrangement and to install the new Primary Rate ISDN arrangement are related together and received by the Company at the same time with no lapse in billing of service.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd)

A42.3.2 Terms and Conditions (Cont'd)

- D. Rearrangement charges stated in A42.3.4.G. are applicable for moves of Primary Rate Interfaces from one central office to another in connection with the initial installation of Inward Data ERS or for subsequent moves of Primary Rate Interfaces from one central office to another for ERS Final or Dedicated arrangements. Termination Liability charges are not applicable if the number of Primary Rate Interfaces is not reduced.
- E. Upgrades, from a MegaLink service and/or a MegaLink channel service contract arrangement, are permitted with no Termination Liability when:
 1. A new contract is selected for the Primary Rate ISDN equal to or greater in length than the arrangement being terminated, and
 2. The service orders to disconnect the MegaLink channel service arrangement and to install the Primary Rate ISDN are related together and received by the Company at the same time with no lapse in billing of service.
- F. The minimum subscription period for which month-to-month Primary Rate ISDN is furnished and for which charges are applicable is one month.
- G. Unless otherwise specified, the *terms and conditions* for Primary Rate ISDN stated herein apply in addition to the *terms and conditions* set forth in A2. (T)
- H. Customer Premises Equipment (CPE) that is compatible with the Primary Rate ISDN interface is the responsibility of the customer.
- I. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provisioning of Primary Rate ISDN render any facilities provided by the customer obsolete, or require modification or alteration of such equipment or system, or otherwise affect its use or performance. Digital transmission rates at speeds less than those indicated may be accomplished as a function of the particular CPE furnished by the customer.
- J. Suspension of service is not allowed.
- K. *Terms and conditions* for Allowance of Interruptions apply as specified in Section B2. of the Private Line Guidebook. (T)
- L. Service Charges in Section A4 do not apply.
- M. Hunting rates, Direct Inward Dialing (DID) rates, Customized Code Restriction rates, Selective Class of Call Screening rates, and Foreign Exchange rates do not apply.
- N. (DELETED)
- O. Calling telephone numbers transmitted via Primary Rate ISDN are intended solely for the use of the Primary Rate ISDN subscriber. Resale of this information is prohibited by this Guidebook except the caller's telephone numbers may be provided to the subscriber's client for those calls sponsored or provided by that client where the client's identity is disclosed to the caller and the client agrees not to distribute such information to others.
- P. Non-facility Associated Signaling (NFAS) provides the capability to control multiple DS1s with a single D-Channel. This feature can be ordered where switch capabilities exist as stipulated in the vendor technical documentation and where switch capacity exists. When NFAS is selected, the customer will order one Primary Rate ISDN arrangement with one D-Channel and up to 23 B-Channels. Additional Primary Rate ISDN arrangements are ordered with up to 24 B-Channels at rates and charges provided in A42.3.4. The D-Channel activated on the initial arrangement serves the additional Primary Rate ISDN arrangements. If the customer desires, he may also request a back-up D-Channel with the NFAS option. The Voice/Data (Standard) Primary Rate ISDN and Digital Data Only¹ option Primary Rate ISDN arrangements may not be mixed in the same NFAS group.
- Q. When a customer's normal serving central office is not equipped to provide Primary Rate ISDN, the customer may be served, at the Company's option, from an equipped central office without incurring interoffice channel charges. Primary Rate ISDN customers to be served under this arrangement must sign an agreement that the service may be moved back at the Company's discretion to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. This is referred to as the Alternate Network Serving Arrangement (ANSA). If a customer, under ANSA, requests Primary Rate ISDN from an ISDN equipped central office other than that determined by the Company, interoffice channel charges as specified in A42.3.4.B will apply. Also, if a customer requests Primary Rate ISDN from a central office other than their normal serving office and ANSA does not apply, interoffice channel charges will apply as specified in A42.3.4.B. ANSA does not apply for Inward Data Extended Reach Service.

Note 1: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd)

A42.3.2 Terms and Conditions (Cont'd)

- R. The Primary Rate ISDN - Digital Data Only option¹ provides for the transmission of data mode calls only. The Primary Rate ISDN - Digital Data Only arrangement will be provisioned with the customer's requested number of Digital Data Only B-channels with no B-channels capable of transmitting voice mode calls in the same arrangement.
- S. The Primary Rate ISDN Inward Data option provides for the transmission of inward analog and digital data calls only.
- T. **Terms and conditions** in Section A2, prohibiting the mixing of flat and message or flat and measured service do not apply for Primary Rate ISDN. (T)
- U. No usage charges apply for calls within the local calling area for Primary Rate ISDN customers utilizing the Flat Rate Primary Rate ISDN B-Channel. Long Distance Message Telecommunications Service rates as specified in Section A18., apply for intraLATA calls terminated beyond the local calling area.
- V. The following usage **terms and conditions** will apply for all dialed sent paid local calls for Primary Rate ISDN customers utilizing the Usage Sensitive Primary Rate ISDN B-Channel: (T)
 - 1. Usage charges for calls within the Basic and Expanded Local Calling Areas will be billed at the usage rates described in Section A3.2.9 for Area Calling Plan.
 - 2. Summarized total usage charges for calls within the Basic and Expanded Local Calling Areas will be reduced by fifty percent prior to the application of the usage allowance. Time/Day discounts described in Section A3.2.9 do not apply.
 - 3. A usage allowance of \$20.00 per activated B-Channel is applicable for all calls terminating in Bands A, B, and C.
 - 4. Total billed usage charges above the allowance will not exceed \$20.00 per activated B-Channel for calls terminating in Bands A, B, and C. This **term and condition** does not apply to resold services. (T)
 - 5. Local calls that are not dialed sent paid (i.e., operator assisted, mechanized calling card, etc.) will be billed individually at the same usage rates specified in Section A3.2.9 (including Time/Day usage provisions), in addition to any applicable Local Calling Card Service or Operator Assisted Local Call surcharges. Such calls are itemized on the subscriber's billing statement and are billed outside any applicable calling allowance or usage billing reductions for dialed sent paid local calls.
- W. The Next Route Index Feature allows a Primary Rate ISDN Digital Data Only¹ customer to arrange analog calls to overflow to a Voice/Data arrangement in the same switch or allows the customer to overflow analog and digital calls to a Voice/Data arrangement in the same switch. These same capabilities are available to a Primary Rate ISDN Inward Data customer to overflow calls to a Voice/Data arrangement in the same switch. It does not allow Voice/Data or Inward Data calls to overflow to a Digital Data Only arrangement nor does it allow Voice/Data or Digital Data Only calls to overflow to an Inward Data arrangement.
- X. Primary Rate ISDN Digital Data Only¹ Signaling Groups may be configured in one of the following four standard arrangements of call types:
 - 1. Inward Calls: The number of Inward calls accommodated by the Signaling Group will be equal to the number of activated B-channels.
 - 2. Outward calls: The number of Outward calls accommodated by the Signaling Group will be equal to the number of activated B-channels.
 - 3. Inward calls and Outward calls: The maximum number of simultaneous calls for each call type is determined by the customer. For each call type, the maximum number of simultaneous calls must be less than or equal to the number of activated B-channels in the Signaling Group.
 - 4. 2-Way calls: The number of 2-Way calls accommodated by the Signaling Group will be equal to the number of activated B-Channels.
- Y. The Company reserves the right to audit the customer's traffic usage for the Incoming Call Extension feature to insure that simultaneous calls are not occurring on the low use option. If such calls are occurring, the customer will be required to subscribe to the high use option.
- Z. The Service Installation Guarantee as set forth in B2.4.17 of the Private Line Guidebook applies for Primary Rate ISDN.

Note 1: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd)

A42.3.2 Terms and Conditions (Cont'd)

AA. (Obsoleted, See Section A142.3)

BB. The provisions stated under B2.4.14 Cancellation of a Service Order apply for Primary Rate ISDN with one exception. The customer must accept service within 45 calendar days after the original service date rather than 30 calendar days as stated in B2.4.14 or choose one of the following options:

- The service order shall be cancelled and charges as set forth in B2.14.14 will apply, or
- Billing for the service will commence on the 46th day beyond the original service date of the service order.

CC. Customer requested changes from Primary Rate ISDN to intrastate or interstate Fast Packet Services and associated transport under a contract payment plan are permitted with no termination liability when:

1. A new contract is selected for the Fast Packet Service equal to or greater in length than the Primary Rate ISDN arrangement being terminated, and
2. The service orders to disconnect the Primary Rate ISDN and to install the Fast Packet Service are related together and received by the Company at the same time with no lapse in billing of service.

DD. ATM Service can be utilized to provide transport for Primary Rate ISDN Voice/Data – Flat Rate under the following conditions:

1. The Unstructured Circuit Emulation Customer Connection - PRI over ATM rate element specified in A40.8 applies for each Voice/Data Flat Rate Interface transported via ATM. Other ATM rates are applicable as stated in A40.8.
2. Interoffice Channel rates stated in A42.3.4 following apply when the Primary Rate ISDN switch and the ATM switch are not located in the same central office.
3. Rates for the B-Channel to be used with ATM are specified in A42.3.4 following.
4. In accordance with terms and conditions governing the provisioning of local exchange service via Primary Rate ISDN Service, the PVC Segment associated with the Unstructured Circuit Emulation Customer Connection - PRI over ATM may only be mapped to a PVC Segment associated with a local ATM Service Customer Connection whose service terminates to a premises within the same LATA as the Primary Rate ISDN Service switch.

EE. The PRI Overflow feature for Voice/Data Arrangements allows calls to overflow from a customer's Voice/Data PRI Arrangement to a telephone number. The calls must overflow to a *Company* business telephone number residing in the same central office switch as the customer's Voice/Data PRI Arrangement. (T)

A42.3.3 Definitions

CALL-BY-CALL CAPABILITY

The term "Call-by-Call" denotes the ability of a Primary Rate ISDN B-Channel to carry a call of any call type (e.g., Inward, Outward, or 2-Way) as needed. This is distinct from other technologies where transmission channels are, due to technical limitations, segregated by call types.

CALL TYPES

The term "Call Types" denotes the use of three types of Simulated Facility Groups (SFGs) available with Primary Rate ISDN which are described as Inward, Outward, and 2-way

D-CHANNEL

The term "D-Channel" denotes a 64 Kbps digital signaling only channel for call establishment when used with Primary Rate ISDN.

D-CHANNEL BACKUP

D-Channel Backup (DCBU) provides one of the DS-1's in the NFAS arrangement with a spare D-Channel. This spare D-Channel is used to control signaling and call setup if the main D-Channel fails. The main D-Channel and the spare D-Channel are never provided on the same DS-1. The channel configuration for NFAS with DCBU arrangements may be described as pB+2D where $1 \leq p \leq 478$. Thus, the maximum channel configuration for a NFAS with DCBU arrangement is 478B+2D.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd)

A42.3.2 Definitions (Cont'd)

DIGITAL DATA ONLY B-CHANNEL²

The term "Digital Data Only B-Channel" denotes a bi-directional synchronous channel capable of supporting 64 Kbps of digitally transmitted data mode calls when provisioned by the Primary Rate ISDN - Digital Data Only option.

EXTENDED REACH SERVICE FINAL TELEPHONE NUMBER (ERS FTN)

ERS FTNs are telephone numbers assigned in the ERS subscriber's serving central office. These numbers are required for ERS Final Route Arrangements and may be required where the Overflow Feature for ERS Dedicated Route arrangements is utilized for call overflows to intraLATA toll message trunk groups.

EXTENDED REACH SERVICE REMOTE TELEPHONE NUMBER (ERS RTN)

ERS RTNs are telephone numbers assigned to each local calling area to which the Extended Reach subscriber provides local number access. These telephone numbers are applicable for both ERS Dedicated Route Arrangements and ERS Final Route Arrangements.

FACILITY ASSOCIATED SIGNALING

In Facility Associated Signaling (FAS) arrangements for Primary Rate ISDN, a D-Channel is provided for every DS-1 facility. Since the subscriber may select the number of B-Channels activated (up to 23), the channel configuration for FAS arrangements may be described as nB+D where $1 \leq n \leq 23$. Thus, the maximum channel configuration for a FAS arrangement is 23B+D.

HIGH USE OPTION

The term "High Use Option" for Incoming Call Extension denotes that more than one simultaneous incoming call is received per telephone number.

INCOMING CALLING NAME DELIVERY

Delivery of the name associated with a call incoming to the customer's PRI and customer's premise equipment for display on a telephone with appropriate display equipment.

INTEROFFICE CHANNEL

An Interoffice Channel provides for the transmission facilities between Company serving wire centers within a LATA.

INWARD CALL

An Inward call denotes a call that is switched through the *Company's* Network and terminates in a Primary Rate ISDN arrangement¹. (T)

INWARD DATA B-CHANNEL

An Inward Data B-Channel provides circuit switched service that will allow either analog data or digital data transmission at up to 64 Kbps and will include the functionality of Hunting and Calling/Called Number Delivery.

LOW USE OPTION

The term "Low Use Option" for Incoming Call Extension denotes that a maximum of one incoming call is received per telephone number at one time.

NEXT ROUTE INDEX FEATURE

The Next Route Index Feature allows a Primary Rate ISDN Digital Data Only² customer to arrange analog calls to overflow to a Voice/Data arrangement¹ in the same switch or allows the customer to overflow analog and digital calls to a Voice/Data arrangement¹ in the same switch. These same capabilities are available to a Primary Rate ISDN Inward Data customer to overflow calls to a Voice/Data arrangement¹ in the same switch.

Note 1: A Primary Rate ISDN Arrangement may be either a single PRI or multiple PRIs that are associated with the same phone number or phone numbers.

Note 2: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd)

A42.3.2 Definitions (Cont'd)

NON-FACILITY ASSOCIATED SIGNALING

In Non-Facility Associated Signaling (NFAS) arrangements for Primary Rate ISDN, a D-Channel controls multiple (up to 20) DS-1 facilities. In NFAS arrangements, the first DS-1 will typically be configured as 23B+D, and all other DS-1's controlled by the D-Channel will be configured as 24B. The channel configuration for NFAS arrangements may be described as mB+D where $1 \leq m \leq 479$. Thus, the maximum channel configuration for a NFAS arrangement is 479B+D.

OUTGOING CALLING NAME DELIVERY

The name that is delivered to business and residences Calling Name Display equipment for customers so equipped when an outgoing call is placed. This name is defined in section A.6.2.1 general. All customer phone numbers will use this name unless Secondary Calling Name Delivery is purchased.

OUTWARD CALL

An Outward call denotes a call that originates on a Primary Rate ISDN arrangement¹ and is switched through the *Company's* network. (T)

OVERFLOW FEATURE FOR EXTENDED REACH SERVICE DEDICATED ROUTE ARRANGEMENTS

The Overflow Feature for Extended Reach Service Dedicated Route Arrangements allows calls to overflow from a customer's ERS Dedicated Route Arrangement to the same customer's Final Route Arrangement. When all facilities are busy on the customer's Dedicated Route Arrangement from a particular target local calling area, additional calls are switched over intraLATA toll message trunk groups to the customer's local serving central office, where they terminate on ERS Final Route Primary Rate Interfaces and B-Channels, via an ERS Final Telephone Number.

OVERFLOW FEATURE FOR VOICE/DATA ARRANGEMENTS¹

The Overflow Feature allows calls to overflow from a customer's Voice/Data PRI Arrangement¹ to a *Company* business telephone number residing in the same central office switch as the customer's Voice/Data Arrangement¹. (T)

Note 1: A Primary Rate ISDN Arrangement may be either a single PRI or multiple PRIs that are associated with the same phone number or phone numbers.

A42. INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

A42.3 Primary Rate ISDN (Cont'd)

A42.3.4 Rates and Charges (Cont'd)

D. Optional Offerings

1. ANSA - Interoffice Mileage per Primary Rate ISDN Access Line - No Rate (Provisioning USOC: 2LHLM)
2. Incoming Call Extension – Same Rate Center

	Nonrecurring Charge	Month to Month	12 to 23 Months	24 to 48 ¹ Months	49 to 72 ¹ Months	USOC
(a) (Obsoleted - See Section A142)						PR7N1
(b) (Obsoleted - See Section A142)						PR7N2
(c) (Obsoleted - See Section A142)						PR7N3
(d) ICE-SRC, Per number in the same rate center ²	-	\$.20	-	-	-	PR7TF
3. Incoming Call Extension – Different Rate Center						
(a) ICE-SRC, Per number – Month-to-Month Option	\$ 10.00	.40	-	-	-	PR7NZ
(b) ICE-SRC, Per number – Term Plan Option	na	-	\$.35	\$.30	\$.25	PR7NZ
4. Next Route Index Feature						
(a) Per analog arrangement	100.00	30.00	28.50	27.00	25.00	PR7GX
(b) Per analog and digital arrangement	100.00	30.00	28.50	27.00	25.00	PR7GY
5. Overflow Feature for Extended Reach Service Dedicated Route Arrangement						
(a) Per Remote Telephone Number	100.00	54.00	52.00	50.00	46.00	PR7AU
6. Calling Name Delivery Feature						
(a) Per Primary Rate Interface	-	100.00	85.00	75.00	69.00	PR7CN
7. Redirecting Number Feature per Primary Rate Interface – No Rate (Provisioning USOC: PR7RN)						
8. PRI Overflow Feature for Voice/Data Arrangements						
(a) Per analog and digital arrangement	100.00	30.00	28.50	27.00	25.00	PR7OF
9. Secondary Calling Name Delivery ³						
(a) Per number	10.00	4.00	4.00	4.00	4.00	PR7SN

Note 1: Effective October 1, 2013, customers may not establish new term plans greater than 36 months for Primary Rate ISDN, and existing term plans greater than 36 months may not be renewed or extended for a term greater than 36 months.

Note 2: These rates apply only to new ICE-SRC service ordered on or after June 14, 2004.

Note 3: Each number requires an additional listing. Listings for this service are subject to *terms and conditions* specified in Section A6. for directory listings. (T)

A43. CHANNELIZED VOICE TRANSPORT SERVICES

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A43. CHANNELIZED VOICE TRANSPORT SERVICES

A43.1 BellSouth Channelized Trunks

A43.1.1 General

- A. BellSouth Channelized Trunks provides channelized DS1/1.544 Mbps circuits available for voice intraLATA communications services only. Channelization is provided in the central office by D-type channel banks or equivalent which generally provide analog to digital conversion, permitting channels to be transported over digital high capacity facilities. The total number of trunks activated by the customer may not exceed the capacity of the Service Interface as described in A43.1.2. BellSouth Channelized Trunks are available where appropriate facilities exist as determined by the Company.
- B. BellSouth Channelized Trunks provides up to twenty-four Direct Inward Dial (DID) trunks, Outward Only trunks, Combination trunks, or a blend of these trunks, via a channelized DS1 (1.544 Mbps) transport facility. Individual DS0 (64 Kbps) Channels provided via BellSouth Channelized Trunks will each be identified as a "time slot" within a DS1 facility.
- C. Elements of Service
 - 1. 1.544 Mbps Access Line
The term "1.544 Mbps Access Line" denotes a path for BellSouth Channelized Trunks between the customer premises and its normal Serving Wire center (SWC). There is one 1.544 Mbps Access Line per DS1 facility and each line has a 1.544 Mbps data transmission rate. This line provides for the two-way simultaneous transmission of isochronous-timed, Bipolar Return to Zero (BPRZ) bit stream format except where intentional bipolar violations are introduced by Bipolar with 8 Zero Substitution (B8ZS) format. Unframed signal formats are not compatible with Company equipment.
 - 2. 1.544 Mbps Interoffice Facility
The term "1.544 Mbps Interoffice Facility" denotes a path for BellSouth Channelized Trunks between Company SWCs within a LATA. A 1.544 Mbps Interoffice Facility may be furnished in such manner as the Company may elect.
 - 3. Service Interface
The term "Service Interface" denotes channelization capacity for the 1.544 Mbps Access Line associated with BellSouth Channelized Trunks in the Company's central office. There is only one Service Interface per DS1 facility. Individual DS0 Channels are made available for interconnection with the switched network either in single channels or in capacities of twenty four voice grade channels.
 - 4. Channels
The term "Channels" denotes the individual DS0 level trunk types that are provided with BellSouth Channelized Trunks. Terminations to the switch for DID, Outward Only, and/or Combination trunks are available in quantities of up to twenty four per 1.544 Mbps Access Line and Service Interface.
 - 5. Numbers
One Number is provisioned for Combination and Outward Only channels. DID Channel types may have more than one number.
 - 6. Superframe Format and Extended Superframe Format
BellSouth Channelized Trunks 1.544 Mbps Access Lines are installed with Superframe (SF) or Extended Superframe (ESF) framing format and Alternate Mark Inversion (AMI) or Bipolar Eight Zero Substitution (B8ZS) coding configurations as specified by the customer. Customer signals at the channel interface must conform to these configurations as described in Technical Reference 73525. These configurations may be added or changed subsequent to initial installation of an existing BellSouth Channelized Trunks 1.544 Mbps Access Line and/or Interoffice Facility in which case customers must agree to out-of-service periods required to arrange existing trunks or facilities.
 - 7. Customer Premises Equipment (CPE)
A Channel Service Unit (CSU) or appropriate CPE provided by the customer is required at the customer premises to perform such functions as; 1) proper termination of service, 2) amplification, signal shaping, and/or 3) remote loopback.
 - 8. Arrangements With Other Services
These elements are in lieu of the central office and channel interface charges for SMARTRing Service or LightGate Service when BellSouth Channelized Trunks is arranged in conjunction with these services.
- D. The design, maintenance and operation of BellSouth Channelized Trunks is intended for communications originating and terminating from customers' premises to the normal serving wire center (SWC). (M)

A43. CHANNELIZED VOICE TRANSPORT SERVICES

A43.1 BellSouth Channelized Trunks (Cont'd)

A43.1.2 *Terms and Conditions*

- (M)
(T)
- A.** To ensure satisfactory operation, terminal equipment provided by the customer must be compatible with the DS1/1.544 Mbps arrangement provided by the Company. The technical specifications and standard network interfaces for BellSouth Channelized Trunks are consistent with those specified in the Company's Technical Reference Publication 73525. This publication is available from AT&T Telecommunications, Inc., Regional Documentation Coordinator, 20th Floor, 600 North 19th Street, Birmingham, Alabama, 35203.
- B.** Unless specified otherwise, BellSouth Channelized Trunks *terms and conditions* as set forth herein apply in addition to *terms and conditions* as set forth in Section A2. (T)
- C.** The capability to utilize FlexServ Service or MegaLink Plus Service in connection with BellSouth Channelized Trunks is allowed as per *terms and conditions* specified herein, in addition to those set forth for FlexServ Service in Section A32, or MegaLink Plus Service in Section B7 of the Private Line Guidebook. Minimum requirements to establish and maintain BellSouth Channelized Trunks as specified following are still applicable. (T)
- D.** At a minimum, BellSouth Channelized Trunks shall consist of one 1.544 Mbps Access Line (or other transport service substitute), one Service Interface, one Channel, and one Number. Appropriate surrogate elements of service are allowed. These minimal requirements are necessary including connections to BellSouth's FlexServ Service or MegaLink Plus Service. Quantities not meeting these minimum requirements will be considered a disconnect of BellSouth Channelized Trunks and Termination Liability Charges will apply as specified in A43.1.4.
- E.** Suspension of BellSouth Channelized Trunks is not allowed.
- F.** *Terms and conditions* for allowances arising out of mistakes, omissions, interruptions, preemptions or delays, errors or defects in transmission of service apply as specified in A2.5. (T)
- G.** Two-way DID Service is not allowed for use with BellSouth Channelized Trunks.
- H.** Foreign Exchange Service is not allowed for use with BellSouth Channelized Trunks.
- I.** The Company does not assume responsibility for the compatibility or suitability of customer's equipment. Dispatches to customer premises caused by customer equipment troubles will result in a Premise Visit Charge as provided in A43.1.4. This charge applies to customers for each dispatch required in connection with a customer's service difficulty or trouble report when it is determined that the source of the difficulty or trouble is on the customer's side of the demarcation point. This charge does not include any further isolation work beyond the demarcation point.
- J.** Channelization at customers' premises
- Channelization at the customer's premises is provided by the customer. Customer premises channelization equipment and any other associated network termination equipment is available through various vendors, including the Company, on a detariffed basis. Joint provisioning of channelized services introduces joint responsibilities between the customer and the Company.
1. Responsibilities of the Company
 - a. The Company will endeavor to activate its portion of joint service in a timely manner on the negotiated date to support installation requirements.
 - b. The Company will provide the customer with information regarding the type and the manufacturer of Central Office (C.O.) channelization equipment to be used in each application.
 - c. The Company will limit its selection of central office equipment to avoid operational and administrative difficulties associated with a multi-vendor central office environment.
 - d. The Company reserves the right to change its equipment vendors should equipment availability, price or technological advantages make such a change attractive or necessary.
 - e. The Company will notify the customer, generally a minimum of six months in advance, of any need to change its central office equipment to allow the customer sufficient time to respond, make any necessary changes, and schedule cooperative testing for cutover if required.
 - f. Digital synchronization timing for BellSouth Channelized Trunks will be provided by the Company. (M1)
 2. Responsibilities of the Customer (M1)
 - a. The customer must be prepared to activate his portion of joint service in a timely manner on the negotiated date, providing testing equipment and personnel to support installation requirements, as may be necessary. (M1)
 - b. The customer will be responsible for selecting his own equipment. Customer equipment must be compatible with Company-provided channelization at the central office. (M1)
 3. Trouble Resolutions (M1)

The Company will assist the customer in resolving any installation or day to day channel service problems. However, the Company does not assume responsibility for the compatibility or suitability of the customer's equipment. Dispatches to customer premises caused by customer equipment troubles will result in a Premise Visit Charge to the customer, as provided in A43.1.4. (M1)

A43. CHANNELIZED VOICE TRANSPORT SERVICES

A43.1 BellSouth Channelized Trunks (Cont'd)

(M)

A43.1.3 Application of Rates

- A. 1.544 Mbps Access Line
BellSouth Channelized Trunks 1.544 Mbps Access Lines are furnished between customers' premises and the normal Serving Wire center (SWC). Charges are assessed on a flat rate basis. Customers who wish to utilize other Company-provided transport facilities that meet or exceed the required standards to transport BellSouth Channelized Trunks 1.544 Mbps Access Lines, e.g. LightGate Service, will not incur charges for substitute BellSouth Channelized Trunks elements.
- B. 1.544 Mbps Interoffice Facility
BellSouth Channelized Trunks 1.544 Mbps Interoffice Facilities are furnished between Company central offices. Charges are assessed in mileage bands based on the airline distance between central offices.
 - 1. Airline distance between Company central offices shall be developed using the methodology in the National Exchange Carrier Association (NECA) Tariff No. 4. Fractional mileage shall be rounded up to the next whole mile.
 - 2. Foreign Exchange Service is not allowed for use with BellSouth Channelized Trunks 1.544 Interoffice Facilities.
 - 3. Customers who wish to utilize other Company-provided interoffice transport facilities that meet or exceed the required standards to transport BellSouth Channelized Trunks, e.g. LightGate Service, will not incur charges for substitute BellSouth Channelized Trunks elements.
- C. Service Interface
Service Interfaces are furnished in the Company's central offices and are charged as a single element of service.
- D. Channels
Channels are furnished in the Company's central offices for activation of trunks to be transported via the other required elements of BellSouth Channelized Trunks. Direct Inward Dial (DID), Outward Only and Combination Channel Types are available. For MegaLink Channel Service customers who wish to convert to BellSouth Channelized Trunks, existing Inward only Network Access Service provisioned as line-side terminations will be converted to DID trunk-side terminations and charges will apply as appropriate.
- E. Number
One Number is required for each channel activated. There is no charge for Numbers on Outward Only Channels.
- F. Optional Payment Plans
BellSouth Channelized Trunks monthly rates are available on a month-to-month basis or under variable payment periods¹ Payment periods are based on lengths of twenty four to forty eight months, forty nine to seventy two months, or seventy three to ninety six months. The minimum payment period for BellSouth Channelized Trunks is one month.

Note 1: Effective July 1, 2014, customers may not establish new variable payment period plans of any length for BellSouth Channelized Trunks, and existing variable payment period plans may not be renewed. For new service, or for existing service after any variable payment period plan expires, service will be provided only on a month-to-month basis.

A43. CHANNELIZED VOICE TRANSPORT SERVICES

A43.1 BellSouth Channelized Trunks (Cont'd)

A43.1.3 Application of Rates (Cont'd)

- G. (DELETED)
- H. Moves to New Locations
Termination Liability Charges do not apply for moves of BellSouth Channelized Trunks to new locations as long as the original and new premises locations are located in the Company's territory and within the same state.
- I. Customer Change to Higher Order of Service
For BellSouth Channelized Trunks customers who request a change to a higher order of service, Termination Liability Charges may not apply, subject to Channel Services Payment Plan (CSPP) Disconnect *terms and conditions* as provided in B2.4 of the Private Line Guidebook. (T)
- J. Service Order Cancellation Charge
Customers who cancel a service order for the installation of BellSouth Channelized Trunks are subject to cancellation charges as defined in B.2.4 of the Private Line Guidebook
- K. Service Installation Guarantee
BellSouth Channelized Trunks is eligible for Service Installation Guarantee as specified in B2.4 of the Private Line Guidebook.
- L. Expiration of Optional Payment Plans¹
The BellSouth Channelized Trunks rates in effect at the time the service is installed and/or as of the application date will be applicable until the expiration of the customer selected payment period. Rates provided under the optional payment periods, other than the month-to-month payment period, will not be increased by Company initiative until the expiration of the customer's specified payment period. At the expiration date of the customer's payment period, the customer will revert to current rates on a month-to-month basis.
- M. DID Optional Features
Customers who require Direct Inward Dialing (DID) channels are allowed to choose Dial Pulsing (DP), Multifrequency (MF) Pulsing or Dual Tone Multifrequency (DTMF) Pulsing signaling arrangements. Additional charges, as provided in A12.7, are associated with the MF and DTMF options.
- N. Service Order Charges and Grouping Service Charges
Service Order Charges, as provided in Section A4, do not apply to BellSouth Channelized Trunks. Grouping Service charges, as provided in Section A3, do not apply to BellSouth Channelized Trunks.
- O. Special Construction Charges
The rates specified for BellSouth Channelized Trunks contemplate the provision of a digital quality facility over existing interoffice carrier equipment and/or exchange facilities compatible with this service. If new facilities or equipment, or changes to existing facilities or equipment are required for the provision of this service, a special construction charge, as specified in Section A5, and based on the cost incurred to make the changes, may apply in addition to the rates and/or charges appropriate for BellSouth Channelized Trunks.
- P. Superframe and Extended Superframe Format (M)
Charges for Superframe and Extended Superframe Format are applicable only to additions or changes in line coding and formatting configurations subsequent to the initial installation of an existing BellSouth Channelized Trunks 1.544 Mbps Access Line and/or Interoffice Facility. (M)

Note 1: Effective July 1, 2014, customers may not establish new variable payment period plans of any length for BellSouth Channelized Trunks, and existing variable payment period plans may not be renewed. For new service, or for existing service after any variable payment period plan expires, service will be provided only on a month-to-month basis.

A43. CHANNELIZED VOICE TRANSPORT SERVICES

A43.1 BellSouth Channelized Trunks (Cont'd)

(M)

A43.1.4 Rates and Charges

A.	1.544 Mbps Access Line						
	1. Each Access Line Provisioned						
		Nonrecurring Charge	Month to Month	24 to 48² Months	49 to 72² Months	73 to 96² Months	USOC
	(a) First 1/2 Mile	\$350.00	\$156.00	\$130.00	\$125.00	\$120.00	BCTL1
	(b) Each Additional 1/2 Mile (Provisional USOC)	-	-	-	-	-	BCTL2
B.	1.544 Mbps Interoffice Facility						
	1. Each Access Line Provisioned						
	Mileage Between Central Offices						
	(a) 0 - 8 Miles	125.00	180.00	170.00	165.00	160.00	BCT9M
	(b) 9-25 Miles	125.00	370.00	350.00	340.00	330.00	BCT1M
	(c) 26-50 Miles	125.00	875.00	830.00	805.00	785.00	BCT2M
	(d) Over 50 Miles	125.00	1440.00	1370.00	1325.00	1295.00	BCT5M
C.	Service Interface						
	1. Each Service Interface Provisioned						
	(a) Per Service Interface	225.00	210.00	189.00	171.00	154.00	BCTS1
D.	Arrangements With Other Services						
	1. Access Lines Provisioned From Service Other Than BellSouth Channelized Trunks						
	(a) Each Access Line (Provisional USOC)	-	-	-	-	-	BCTAC
	2. Interoffice Facilities Provisioned From Service Other Than BellSouth Channelized Trunks						
	(a) Each Interoffice Access Line (Provisional USOC)	-	-	-	-	-	BCTFM
	3. Access Lines Provisioned in <i>Company</i> Central Offices and Arranged in Conjunction with SMARTRing service or LightGate Service						
	(a) Each Central Office Channel Interface	180.00	35.00	30.00	25.00	20.00	BCTS2
	4. Access Lines Provisioned on Customers' Premises and Arranged in Conjunction with SMARTRing service or LightGate Service						
	(a) Each Customer Channel Interface	285.00	35.00	30.00	25.00	20.00	BCTS3
E.	Channel						
	1. Each Channel Type Activated						
	(a) Direct-Inward Dial (DID)	95.00	55.00	50.00	45.00	43.00	BCT1C
	(b) DID Dial Pulse (DP) Signaling ¹ (Provisional USOC)	-	-	-	-	-	S5MBP
	(c) Combination	7.00	33.00	30.00	28.00	26.00	BCT2C
	(d) Outward Only	7.00	33.00	30.00	28.00	26.00	BCTOC

(T)

- Note 1:** DID Multifrequency (MF) and DID Dual Tone Multifrequency (DTMF) Pulsing Options are also available as provided in A12.7.
- Note 2:** Effective July 1, 2014, customers may not establish new variable payment period plans of any length for BellSouth Channelized Trunks, and existing variable payment period plans may not be renewed. For new service, or for existing service after any variable payment period plan expires, service will be provided only on a month-to-month basis.

A47. BELLSOUTH REMOTE ACCESS SERVICE

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A47. BELLSOUTH REMOTE ACCESS SERVICE

A47.1 BellSouth Remote Access Service

A47.1.1 General

- A. BellSouth Remote Access Service (RAS) is an intraLATA, extended reach, packet-switched data service that provides for the collection, RAS is available as a customer controlled offering. It provides one way ports that allow the customer's users, who are located within the Company's serving area, to call into a remote access server.
- B. Remote access server equipment will be installed in a Company central office.
- C. BellSouth RAS supports a dedicated, customer selected remote access server with backup dial-in capability or out-of-band frame relay for network management. The customer may select their remote access server based on the Company's approved equipment list for this service.
- D. CPE must support Layer 2 Tunneling Protocol (L2TP) for the customer selected remote access server.
- E. The customer will also be responsible for providing the egress circuit(s) connecting BellSouth RAS to their hub location. Egress circuit(s) are required to deliver the BellSouth RAS traffic to the customer's designated location. These circuits can be ordered from the Company or other telecommunications providers with the execution of appropriate collocation agreements.
- F. BellSouth RAS is furnished in central offices equipped with remote access servers. Service intervals will be negotiated in cities where service is not deployed.
- G. The technical specifications and standard network interfaces for BellSouth RAS are in conformance with the Internet Architecture Board as stated in:
 - STD001, Internet Official Protocol Standards; J. Reynolds, R. Braden, issued June, 1999.
 - RFC 2138, Remote Authentication Dial-In User Service (RADIUS); C. Rigney, A. Rubens, W. Simpson, S. Willens, issued April, 1997.

These documents may be obtained from the Internet Engineering Task Force (IETF) at Corporation for National Research Initiatives, Attention: Accounting Department - IETF Proceedings, 1895 Preston White Drive, Suite 100, Reston, VA 20191-5434 or via Internet at www.ietf.org.

- H. The *terms, conditions* and rates specified herein are applicable to BellSouth RAS. *Terms, conditions* and rates specified in other sections of this and other Guidebooks of the Company may also apply. (T)

A47.1.2 Terms and Conditions (T)

A. Explanation of Terms

1. Remote Access Server - The remote access server is a type of equipment that will be used to aggregate the customer's dial traffic and send it to the customer location over their egress circuit. The remote access server will be connected to the Public Switched Network using Primary Rate ISDN or SS7 circuit facilities.
2. Ingress Circuits - This term denotes the facility used to transport the customer's incoming dialed BellSouth RAS traffic, e.g. Primary Rate ISDN.
3. Egress Circuits - This term denotes the facility used to transport the customer's dialed BellSouth RAS traffic to the customer's designated hub location once it has been collected and aggregated by the remote access server (e.g. Broadband Exchange Line).
4. Extended Reach Area - An area where BellSouth RAS extends the reach from a remote access server to allow users the ability to make "non-local" calls without incurring intraLATA Long Distance Message Telecommunications Service charges.

B. Basis of Offering

1. Rates and charges specified in A47.1.3 following, are based on regional volume and term commitments. Customers must specify a regional commitment level and will be rated based on total regional in service volumes. Rating will be as set forth in 8. following.
2. The minimum regional commitment level for BellSouth RAS is 10,000 ports.
3. Initial orders for BellSouth RAS, per remote access server central office location, must be equal to or greater than 644 ports. All orders greater than 644 ports must be in increments of 23 ports where capacity allows.

A47. BELLSOUTH REMOTE ACCESS SERVICE

A47.1 BellSouth Remote Access Service (Cont'd)

A47.1.2 Terms and Conditions (Cont'd)

(T)

B. Basis of Offering (Cont'd)

4. Subsequent orders for BellSouth RAS, per remote access server location, must be in increments of 23 ports or 24 ports depending on technology utilized where capacity allows.
5. The minimum service period for BellSouth RAS is twelve months.
6. Month to month rates are not available as an initial service offering.
7. On or after November 15, 2002, BellSouth Remote Access Service initial requests to establish service provides a minimum capacity of 644 one-way ports per dial tone office. Customers in service prior to November 15, 2002 may continue their service with a minimum capacity of 276 one-way ports.
8. In order to benefit from rates appropriate for a higher volume of ports, the customer must notify the Company of that accomplishment. Upon notification, and on a going forward basis to the end of the BellSouth RAS contract period, all ports will be rated to the appropriate volume tier.
9. All ports are billed monthly and are subject to a full service term, i.e. they are not coterminous. For example, under a 24 month service period, each port must be billed for 24 months from the date of installation.
10. Nonrecurring charges apply for the installation of each port.
11. Moves of service are considered disconnects and starts.
12. 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's record, Transfer of Service Charges, as set forth in A47.1.3 following will apply. Transfer of Service Charges are applied on a per Billing Account Number (BAN).
13. Administrative changes, as identified following, will be made without charge(s) to the customer.
 - a. Change of customer name (i.e. the customer of record does not change but rather the customer of record changes its name—e.g. BellSouth Telecommunications, Inc. to BellSouth Corporation).
 - b. Change of customer or customer's end user premises address when the change of address is not a result of physical relocation of equipment.
 - c. Change in billing data (name, address, or contact name or telephone number). The customer of record does not change.
 - d. Change of customer circuit identification.
 - e. Change of billing account number.
 - f. Change of customer or customer's end user contact name or telephone number.
14. In order to maintain the quality of BellSouth RAS, the Company reserves the right to perform preventive maintenance and software updates to the network. This could result in BellSouth RAS being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on any given Wednesday or Sunday. The Company only expects to utilize this maintenance window for any given remote access server on the average of once a quarter. However, the Company reserves the right to perform maintenance at any time, at its discretion, that it believes such maintenance is necessary. The Company will make every reasonable effort to provide notice to those customers likely to be affected by such maintenance work.
15. Obligations of Customer and Company
 - a. The Company will provide remote hands operations support. Remote hands means that the customer identifies the problem and reports the trouble to the Company. The Company will then resolve the problem as directed by the customer. Resolution of the problem may include providing hardware, central office switching maintenance, and deployment of human resources necessary to repair hardware failures and restore network service outages.
 - b. The customer will be responsible for the management of the remote access server for this service and will have full responsibility for initial and ongoing configuration, software release levels and updates, and general code control. All software updates must be compatible with associated Company network elements and systems. It is assumed that the monitoring, management, and reporting activities performed by the customer will occur over the egress port link(s) into the remote access server or through a backup dial-in channel that the Company will provide for each site. The customer is also responsible for all interface support for his clients (end user) and/or employees.

A47. BELLSOUTH REMOTE ACCESS SERVICE

A47.1 BellSouth Remote Access Service (Cont'd)

A47.1.2 Terms and Conditions (Cont'd)

C. Provisions of Service

Rates and charges contained in this section of the *Guidebook* consist of the following elements:

1. BellSouth RAS one-way ports
 - 10,000 – 29,999 Ports, each
 - 30,000 – 59,999 Ports, each
 - 60,000 – 89,999 Ports, each
 - 90,000 – 149,999 Ports, each
 - 150,000 – 199,999 Ports, each
 - 200,000 – 299,999 Ports, each
 - 300,000 or greater Ports, each
2. Transfer of Service Charge

D. Contract Plans

1. BellSouth RAS is provided under conditions specified in Payment Plans for Contract Services, A2.4.10.
2. BellSouth RAS is available under volume and term payment periods for 12 Months, 24 Months, 36 Months, or 48 or Greater Months. For contracts greater than a 48 month service period, the 48 month rate applies.
3. When a BellSouth RAS is disconnected prior to the expiration of a selected service period as a result of a change of jurisdiction, Termination Liability Charges will apply.
4. In the event that all or any part of a BellSouth RAS is disconnected at a customer's request prior to expiration of any selected payment period, the customer will be required to pay a termination charge equal to fifty percent (50%) of the monthly charges times the number of months remaining in the commitment.
5. Additions of ports are allowed as specified in B.4. preceding.
6. Subsequent to the establishment of a BellSouth RAS contract, and prior to the completion of that period, the existing payment period may be extended to a longer service period. Nonrecurring charges will not be reapplied.

(T)

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(T)