

TARIFF DISTRIBUTION

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PURPOSE: Withdraw Asynchronous Transfer Mode (ATM) Service.

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A1. DEFINITION OF TERMS

ACCESSORIES

Devices which are mechanically attached to, or used with, the facilities furnished by the Company and which are independent of, and not electrically, acoustically or inductively connected to the communications path of the telecommunications systems.

ADMINISTRATIVE MANAGEMENT SERVICE (AMS)

Administrative Management Service provides customers a single point of access to other Company network management products, and provides the customers greater control of and additional information about the network services they purchase from the Company.

(DELETED)

(D)

AUTHORIZED PROTECTIVE CONNECTING MODULE

The term "authorized protective connecting module" denotes a protective unit designed by the Company and manufactured under the control of the Company quality assurance procedures, which unit is to be incorporated in a conforming answering device.

AUTOMATED COLLECT CALL

A call placed and billed to the called telephone number without the assistance or intervention of a human operator.

AUXILIARY LINE

An additional individual access line used for one-way (inward to the subscriber) service.

BACK-UP LINE

An optional service providing individual line business subscribers with an additional line for inward and outward calling with usage charges applying for originating and terminating calls.

BARGE-IN OPERATION

A feature of Minimum Duty Other Announcement Equipment used with Public Announcement Service which allows a calling party access to an announcement regardless of whether or not such announcement is already in progress.

BASE RATE

The rate for primary classes of exchange service.

BASIC TERMINATION CHARGE

See "Termination Charge"

BELLSOUTH CHANNELIZED TRUNKS

Provides channelized DS1/1.544 Mbps circuits available for PBX voice trunks communications services. Provides up to 24 DID, Outward Only or Combination/2-Way trunks.

BILL TO THIRD PARTY¹

The term "bill to third party" denotes a billing arrangement by which a call can be charged to an authorized station as determined by the Company other than the station originating the call or the station where the call is terminated.

BILLED NUMBER SCREENING

An arrangement which, at the time of call origination, screens billed to third party and/or collect calls to prevent these calls being charged to certain telephone numbers.

Note 1: Effective March 19, 2016, Collect, Person to Person, Bill to a Third Number calls and Verification and Emergency Interrupt Service are discontinued.

A40. FAST PACKET TRANSPORT SERVICES

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A40. FAST PACKET TRANSPORT SERVICES

A40.5 Broadband Line Service (Cont'd)

A40.5.2 Terms and Conditions (Cont'd)

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 connection 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 A40.9.
3. A move involves a change in the physical location of one of the following:

- the point of interface at the customer's premises
- the customer's premises

The charges for the move are dependent upon whether the move is located within the same building or to a different building.

a. Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half the nonrecurring charge for the affected service termination at the customer's premises. There will be no change in the minimum period requirements.

b. Moves to a Different Building

Moves to a different building, other than addressed in paragraph c, will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established at the new location. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

c. Moves of Service(s) under Fast Packet SPP

Customer requests for moves of service under Fast Packet SPP, other than inside moves, will be subject to the conditions stated in A40.10.11.

A40.5.3 Fast Packet Option (FPO)

A. General

1. The Fast Packet Option (FPO) of Broadband Line Service is only available when used in conjunction with Frame Relay Service or BellSouth Video Conferencing Service (BVCS). Specifications for Frame Relay Service are contained in A40.1. Specifications for BVCS are contained in A140.11. (C)
2. The Fast Packet Option is used to connect a customer premises with the Frame Relay or BVCS Network Serving Area. (C)

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)

3. The Fast Packet Option is designed to transmit digital data signals at speeds of 56 Kbps, 64 Kbps, 128 Kbps¹, 1.536 Mbps, 44.210 Mbps, 149.760 Mbps, or 599.040 Mbps.

a. **(DELETED)**

b. Multiples of 1.536 Mbps Broadband Line Service and Broadband Line Extension Service (from 2 through 8) may be used to access Frame Relay Service MultiLink Customer Connections.

Frame Relay Service MultiLink Customer Connection Speed	Quantity of 1.536 Mbps Broadband Line Services Required
3 Mbps	2
6 Mbps	4
9 Mbps	6
12 Mbps	8

4. The Broadband Line Extension-FPO may be used by the customer for other specific 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, 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 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 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 B7.3 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 higher speed that is a multiple of 64 Kbps.

6. 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.

7. 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 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 *I*) to a lower speed Frame Relay MultiLink Customer Connection or *2*) from a Frame Relay MultiLink Customer Connection to a Frame Relay Subrate T3 or 44.210 Mbps Customer Connection (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.

8. One-half of the nonrecurring charge(s) for the applicable rate elements in A40.5.3.B.1 and A40.5.3.B.2 apply if the customer requests a change in transmission speed on a Fast Packet Option (to a higher or lower speed).

Note 1: Effective 12/4/2002, Fast Packet Option 128 kbps (2B1Q) is not available for new installations, moves or changes.

Pages 4.0.0.1 through 4.0.8 are hereby deleted in their entirety and removed from this Guidebook.

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)

9. Contract Plans

a. Contract Plans are available under conditions specified in the Fast Packet Services Payment Plan in A40.10 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.

10. When a customer in the service area of another Local Exchange Company (LEC) connects to a Company Network Serving Area, unless specifically provided for in another LEC's tariff, the interoffice mileage rate and one-half of the interoffice fixed rate for SynchroNet or MegaLink services will apply for the airline mileage between the LEC's serving wire center and the meet point.

For the Company's portion, the per mile rate for the Broadband Line Extension (BBLE)-FPO and the fixed rate specified in B.2.b.(1) (one-half the fixed BBLE rate) will apply for mileage from the nearest Company Serving Area Point to the meet point with the LEC.

11. The Fast Packet Option may be provided in association with SMARTRing service to connect a customer location to Frame Relay Service. Rates, terms, conditions and charges for SMARTRing service are provided in B7.7 of the Private Line Guidebook. (C)

12. The Fast Packet Option operating at a transmission speed of 149.760 Mbps or 599.040 Mbps is fiber optic based.

13. Specifications for the Fast Packet Option operating at a transmission speed of 128 Kbps¹ using 2B1Q technology are contained in the following documents:

- ANSI T1.601, "Integrated Services Digital Network (ISDN) Basic Access Interface for Use on Metallic Loops for Application on the Network Side of the NT (Layer 1 Specification)". This document may be ordered from:

American National Standards Institute, Inc.

11 W. 42nd Street

New York, New York 10036

- Bell Communications Research TR-TSY-000829, "Operations Technology Generic Requirements (OTGR): Generic Operations Interfaces Embedded Operations Channels". This document may be ordered from:

Telcordia - Customer Services

8 Corporate Place - Room 3C183

Piscataway, New Jersey 08854-4156

14. A 128 Kbps Frame Relay Service Customer Connection may interface with a Fast Packet Option operating at a transmission speed of either 128 Kbps¹ (2B1Q) or 1.536 Mbps. If an Extension capability operating at 128 Kbps¹ is necessary, two 64 Kbps Broadband Line Extensions are required.

Note 1: Effective 12/4/2002, Fast Packet Option 128 Kbps (2B1Q) is not available for new installations, moves or changes.

A40. FAST PACKET TRANSPORT SERVICES

A40.6 Reserved for Future Use

A40.7 Reserved for Future Use

A40.8 (DELETED)

(D)

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 *and* Broadband Exchange Line 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.).

(C)

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

(a) per request (after initial request)	Charge \$ 50.00	USOC FPTDD
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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

(a) per request	Charge \$ 50.00	USOC FPTER
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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

A40.9 Miscellaneous Charges For Fast Packet Transport Services (Cont'd)

A40.9.4 Cancellation Charges (Cont'd)

B. (Cont'd)

4. (Cont'd)

d. When a customer cancels a service order, or part of a service order, before the service date, the Company will apply cancellation charges to the order. Cancellation charges are calculated by multiplying all the nonrecurring charges associated with the order, or that part of the order being cancelled, by the percentage shown in e. following for the critical date last completed on the order.

e. Cancellation Charge Percentages

TYPE SERVICE/ CRITICAL DATES	AFTER: BEFORE:	SID LAM	LAM EIRD	EIRD RID	RID DVA	DVA WOT	WOT FCD	FCD PTD	PTD DD	DD
<u>Frame Relay Service¹:</u>										
-56 Kbps or 64 Kbps		64.5	64.5	67.7	67.7	74.2	83.5	91.1	98.2	100.0
-Any Fractional T1		58.8	58.8	63.8	63.8	69.5	86.0	92.6	98.9	100.0
-Any Subrate T1 or 1.536 Mbps		64.7	64.7	69.0	69.0	75.6	83.4	91.0	98.2	100.0
-Any Subrate T3 or 44.210 Mbps		60.5	60.5	63.7	63.7	68.6	87.7	93.4	98.7	100.0
<u>Broadband Line Services:</u>										
-56 Kbps, 64 Kbps or 128 Kbps		28.7	28.9	28.9	28.9	28.9	28.9	28.9	100.0	100.0
-1.536 Mbps		26.4	29.6	29.6	29.6	29.6	29.6	29.6	100.0	100.0
-44.210 Mbps, 149.760 Mbps or 599.040 Mbps		36.8	36.8	36.8	36.8	36.8	36.8	36.8	100.0	100.0
(DELETED)										
<u>BellSouth Metro Ethernet Service:</u>										
-Any Connection		44.3	44.3	49.3	49.3	59.5	81.4	89.8	100.0	100.0

(D)

C. When a customer cancels an order for the discontinuance of service no charges apply for the cancellation.

D. If the Company misses a service date by more than 30 days due to circumstances over which it has direct control (excluding, e.g., acts of God, governmental requirements, work stoppages and civil commotions), the customer may cancel the service order without incurring cancellation charges.

Note 1: Effective September 19, 2011, Frame Relay Service is Obsolete (See Section A140).

(C)

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 (Direct Inward Dialing), 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 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 Access (DS1) Line. MegaLink service cannot be utilized to provide transport for Primary Rate ISDN except where the Primary Rate ISDN is terminated in FlexServ service. (C)
- 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.U.
- 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
- I. The optional offering of Incoming Call Extension (ICE) provides the capability for Primary Rate ISDN customers to retain serving wire center telephone numbers for incoming analog services when their existing analog services are converted to Primary Rate ISDN. ICE is only available when the Primary Rate ISDN is provided from a central office switch other than the one providing the converting analog services. ICE can also be used to provide additional serving wire center telephone numbers to an existing ICE arrangement. Rates and charges are applicable per telephone number or per path. Customers subscribing to ICE may be required to make CPE software modifications to translate dialed telephone numbers to terminated telephone numbers. Hunting between ICE telephone numbers is not allowed. ICE is only available within the Local Calling Area. If the customer's Serving Central Office and the ANSA office are in the same rate center then the customer would purchase ICE-SRC (Same Rate Center) telephone numbers. If the customer's Serving Central Office and the ANSA office are in different rate centers then customers would purchase ICE-DRC (Different Rate Center) numbers.

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.** 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.
- BB.** The Company reserves the right to audit the customer's traffic usage for the Incoming Call Extension feature to ensure 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.
- CC.** The Service Installation Guarantee as set forth in B2.4.17 of the Private Line Guidebook applies for Primary Rate ISDN.
- DD.** (Obsoleted, See section A142.3)
- EE.** The provisions stated under B2.4.14 of the Private Line Guidebook, 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 of the Private Line Guidebook, or choose one of the following options:
- The service order shall be cancelled, and charges as set forth in B2.14.14 of the Private Line Guidebook will apply, or
 - Billing for the service will commence on the 46th day beyond the original service date of the service order.
- FF.** 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.
- GG. (DELETED)**
- HH.** 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.

(D)

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)

A42.3.4 Rates and Charges

	Nonrecurring Charge	Month to Month	12 to 23 ⁴ Months	24 to 48 ^{1,4} Months	49 to 72 ^{1,4} Months	USOC
<p>A. A Primary Rate ISDN Access Line is furnished between a serving wire center and the customer's premises. If other services are used for transport as described in A42.3.1.E, no additional rate applies (Provisioning USOC: 1LD1F).</p>						
<p>1. Primary Rate ISDN Access Line, each</p>						
(a) Primary Rate ISDN Access Line, each	\$875.00	\$521.00	\$135.00	\$130.00	\$120.00	1LD1E
<p>B. Interoffice Channels furnished between central offices. Rates are based on the airline distance between central offices.</p>						
<p>1. Interoffice Channel, each channel</p>						
(a) Fixed Monthly Rate	125.00	75.00	72.50	70.00	65.00	1LN1A
(b) Each airline mile or fraction thereof	-	24.00	23.00	22.00	20.00	1LN1B
<p>C. Primary Rate ISDN will be available in combinations of channels according to the limits of the Company central office type. Customers will choose the most appropriate combinations and will be billed for the services accordingly.</p>						
<p>1. Primary Rate ISDN Interface, each</p>						
(a) Voice/Data (Standard)	110.00	1,475.00	400.00	375.00	350.00	PR71V
(b) Digital Data Only Option ^{2,3}	110.00	1,475.00	400.00	375.00 ²	350.00 ²	PR71D
(c) Inward Data Option	110.00	1,475.00	400.00	375.00	350.00	PR71E
(d) Inward Data Option with Extended Reach Service – Dedicated Route	110.00	1,475.00	400.00	375.00	350.00	PR71C
(e) Inward Data Option with Extended Reach Service – Final Route	110.00	1,475.00	400.00	375.00	350.00	PR71U
<p>2. Primary Rate ISDN B-Channels</p>						
(a) Voice/Data (Standard)	5.00	275.00	61.50	56.50	51.50	PR7BV
(b) (DELETED)						
(c) Digital Data Only Option ^{2,3}	5.00	28.85	27.50	26.15 ²	23.85 ²	PR7BF
(d) Inward Data Option	5.00	37.75	36.50	35.10	32.75	PR7BD
(e) Inward Data Option with Extended Reach Service – Dedicated Route	5.00	45.00	43.50	42.00	38.00	PR7BE
(f) Inward Data Option with Extended Reach Service – Final Route	5.00	60.00	57.50	55.00	50.00	PR7BL

(D)

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: As of January 25, 2013, Variable Rate Periods of 24 months and greater are no longer available for new or renewing subscribers of the Digital Data Only Option.

Note 3: Effective May 1, 2014, customers may not add the Digital Data Only option, and existing term plans for this option may not be renewed.

Note 4: Upon expiration of the CSPP, if customer has not entered into a new CSPP contract or term extension, or disconnected service, Monthly Extension rates will apply (see Paragraph A42.3.2.A.5.). Monthly Extension rates are equal to one hundred fifty percent (150%) of the customer's expiring contractual rate.

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
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A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES**A140.1 Frame Relay Service (Cont'd)****A140.1.2 Terms and Conditions (Cont'd)****C. Provision of Service (Cont'd)**

5. Should a customer, having locations in more than one Frame Relay Network Serving Area within a LATA, desire to send data traffic between these locations, the customer can interconnect these locations through the following two options:
 - a. **Dedicated Connection:**

The customer subscribes to additional Customer Connections (in each Network Serving Area) which are enabled to support inter-serving area connectivity and Broadband Line Extension-FPOs to connect them. These additional rate elements will be used solely to transport this customer's data traffic between affected Frame Relay Network Serving Areas. In addition to the normal DLCI and CIR charges associated with each PVC, additional DLCI and CIR charges apply per PVC between the additional Customer Connection except when these connections have been specifically requested by the customer to be provisioned as customer specific trunks.
 - b. **Shared Connection:**

The Company may establish facilities between Frame Relay Service switching equipment in different Network Serving Areas in the same LATA and may allow customers to share bandwidth on these facilities; where these shared facilities are available to customers, a shared connection is an option. The customer must establish one or more Inter-Network Serving Area Links that extend between Frame Relay switches. Each of these links has an associated CIR. One PVC exists between both customer premises through each link. All CIRs on this PVC must have the same value. Charges for the Inter-Network Serving Area Link are applied as follows:

 - the Inter-Network Serving Area Link Establishment is charged at each end of the link,
 - the Inter-Network Serving Area Link CIR is charged at each end of the link, and
 - no additional DLCI charges apply for the link (however, normal DLCI and CIR charges apply for the PVC).
6. In some cases, the Company and another Incumbent Local Exchange Company that offers Frame Relay technology will jointly connect Frame Relay switching equipment within a LATA to provide customers the ability to interconnect their locations served by the different companies. In order to utilize the Company's portion of this jointly provided shared connection, the customer must subscribe to one end of an Inter-Network Serving Area Link and the associated CIR.
7. **(DELETED)**

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES

A140.1 Frame Relay Service (Cont'd)

A140.1.2 Terms and Conditions (Cont'd)

C. Provision of Service (Cont'd)

8. To have Back-Up Capability as an option, the customer is required to have a Back-Up Customer Connection and a separate Broadband Line (with Broadband Line Extension Service, as appropriate) which are designated specifically for back-up purposes. Monthly rates and nonrecurring charges applicable for a Back-Up Customer Connection are provided in A140.1.3.B.1. Monthly rates and nonrecurring charges for Broadband Line Service are found in A40.5.

The activation of a Back-Up Customer Connection via the rerouting of traffic from a primary Customer Connection to the Back-Up Customer Connection is a manual operation performed by the Company at the direction of the customer. At the direction of the customer, the Company will subsequently then redirect traffic from the Back-Up Customer Connection to the primary Customer Connection.

A Primary Customer Connection Back-Up Enablement/Change Charge provided in A140.1.3.B.2 is applicable per existing primary Customer Connection which is requested by the customer to be back-up enabled. A Primary Customer Connection Back-Up Enablement/Change Charge is also applicable for each existing back-up enabled primary Customer Connection when the customer requests a reassignment of that primary Customer Connection to a different Back-Up Customer Connection.

9. To create a Priority PVC, the customer requests the mapping of Priority Voice or Priority Data DLCIs.

Feature Change Charges apply for requests to convert existing Standard PVCs to Priority PVCs (or vice versa)¹. A Feature Change Charge applies per service order required to perform the work.

(DELETED)

10. To create a Frame Relay Service Intelligent PVC, the customer requests the mapping of three DLCIs. A Frame Relay Service Intelligent PVC may be comprised of three Standard DLCIs, three Priority Voice DLCIs or three Priority Data DLCIs. One Intelligent PVC Charge (a recurring rate) applies per customer-specified arrangement of 3 DLCIs and applies in addition to the appropriate nonrecurring and recurring charges for each of the three DLCIs. The Intelligent PVC Charge shall be billed to the Customer Connection associated with the DLCI which is the pivot endpoint (as explained in A140.1.2.A.3.b.) of this PVC.

A request to convert an existing two DLCI PVC into a three DLCI Intelligent PVC (or vice versa) shall be considered as a request to disconnect the existing PVC and as a request for the connection of new DLCIs to form the new PVC. At the customer's direction, the DLCI numbers associated with the PVC being disconnected may be reused for the DLCIs associated with the new PVC.

The pivot endpoint of an Intelligent PVC must be provisioned out of a Company-provided Frame Relay Service switch. The primary endpoint and secondary endpoint of an Intelligent PVC may be associated with premises located outside of Company territory. If only Company provided switches are utilized in the total service configuration, no service limitations should occur; however, when a non-Company switch is involved in an Intelligent PVC configuration, service limitations may be encountered. BellSouth document TR-73587, which contains technical information on Intelligent PVC rerouting, provides details relating to such limitations.

Both the primary and secondary endpoints of an Intelligent PVC must be of the same service type.

Note 1: Applicable for such requests on Standard PVCs, Intelligent PVCs or MultiCast PVCs.

(D)

(C)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES

A140.12 Customer Network Management

(Obsoleted 9/19/2011, Type B – Not available for new installations, additions or on transfers of service to new location.)

A140.12.1 General

- A. Customer Network Management (CNM) is available on an optional basis as a feature of Frame Relay Service. (C)
- B. The CNM option provides customers a view into their Company Fast Packet network for monitoring and trouble-shooting purposes.
- C. The CNM platform supports hierarchical customer names. For example, a customer defines an overall network name (usually the customer name) and then may choose to establish multiple sub-network names. A maximum of five hierarchical tiers are available (the overall network plus four sub-network tiers).
- D. Access to CNM is via a Web interface. A dial or dedicated method available in Section A32, Integration Plus Management Services, may also be used to access CNM. Switched service and private line service used as a means of accessing FlexServ service has been obsoleted (see Section A132). For security reasons, customers are required to identify themselves via a username and password. The username and password are assigned at the time the account is established. Following is a description and requirements for each type of access:
 - 1. Web Interface - This interface allows customers to access CNM via the Web using a standard Web browser. This type of access requires a Security Card.
 - a. Security Card (Note 1) – This card provides the customer a unique password identification code which will electronically change periodically.
If the customer has purchased a Security Card in conjunction with another feature or service offered by the Company, that Security Card may also be used in conjunction with CNM. It is the customer's responsibility to notify the Company of an existing Security Card so the Company can ensure that the card is validated for multiple features and/or services.
 - 2. Dial Interface – See A32.1.2 (Note 1)
 - 3. Dedicated Interface – See A32.1.2. (Note 1)

Note 1: (Obsoleted 6-23-08, Type 4; not available for new installations, moves or transfers. Existing customers may continue to utilize existing Dial or Dedicated Access arrangements.)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES

A140.12 Customer Network Management (Cont'd)

A140.12.1 General (Cont'd)

- E.** CNM is offered in packages which provide the following CNM options: Fault Management, On Demand Statistics and Performance Reporting.

1. Fault Management

The Fault Management option provides the ability to monitor fault and alarm information as network events occur. If a Company network event results in automatic rerouting of customer owned PVCs on a Customer Connection within the Company Fast Packet network, such that those PVCs are not service impacted, then the Company will not send PVC events to the customer. The following Fault Management features are available on a customer and sub-network basis:

- The Company will provide to the customer, in near real time, all events, faults, and network alarms on any Customer Connection or PVC.
- The customer can determine the severity level of alarms displayed and suppress the alarms they do not wish to view.

2. On Demand Statistics

CNM provides customers statistics for each Customer Connection and PVC on a customer and sub-network basis.

3. Performance Reporting (PR)

CNM-PR provides Frame Relay customers network performance reports on their Company Fast Packet network. Customers have the capability of requesting performance reports for interfaces. Interfaces are defined as customer connections and PVCs. CNM-PR provides a measure of the level of network performance of a customer's network and individual interfaces that is called the Network Performance Level. The Network Performance Level components include Incoming Utilization, Outgoing Utilization, Discarded Frames/Cells and Congestion. The Network Performance Level is used in several reports to provide a weighted performance measure taking into account all the performance parameters mentioned above.

Historical Performance reports will baseline historic network performance, trend future performance and highlight network performance problems. The following selection of reports is available:

- a. Network Summary Report - Provides an overview of the customer's network performance in terms of Total Frames/Cells Transmitted and Received, Percent Total Utilization, Total Frames/Cells Discarded, and Percent Frames/Cells Discarded of Total Frames/Cells Transmitted and Received.
- b. Forecast Report - Provides the network interfaces that are projected to exceed customer specific thresholds of Utilization and Congestion.
- c. Network Interface Performance Report - Provides the Network Performance Level on a customer selectable interface (customer connection or PVC).
- d. Capacity Planning Report - Provides the top ten over-utilized and top ten under-utilized interfaces.
- e. Threshold Exceptions Report - Provides a daily report on the top ten interfaces that exceed a customer selectable threshold parameter. These parameters are Input Utilization, Output Utilization, Incoming Congestion, Outgoing Congestion, In Discards, and Out Discards.
- f. Top Ten Report - Provides a daily report of the top ten interfaces with the highest volumes and the worst Network Performance Level. It also specifies the top ten interfaces with the greatest change in both volume and Network Performance Level.

- F.** 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 service publications of the Company.

- G.** The rates and charges set forth for CNM provide for the furnishing of service where suitable facilities are available.

- H.** CNM is only available for use with Frame Relay Service described in A140.1.

(C)

(C)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES**A140.12 Customer Network Management (Cont'd)****A140.12.2 Terms and Conditions****A. Basis of Offering**

1. Suspension of service is not allowed.
2. CNM is not available on Back-Up Customer Connections nor Intelligent PVCs.
3. A customer may subscribe to CNM on a monthly basis. An account is established which will include the Customer Connections designated by the customer to have CNM capability. Customers may choose to subscribe to CNM for all Customer Connections in their Company Fast Packet network or choose CNM for only a portion.
4. Obligations of Customer and Company
 - a. The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the customer.
 - b. The customer is responsible for the provision and maintenance of all Customer Provided (CPE) and to ensure that the operating characteristics of this equipment are compatible with and do not interfere with the service offered by the Company.
5. In order to maintain the quality of CNM, the Company reserves the right to perform preventive maintenance and software updates. This could result in CNM being unavailable during the time period between midnight and 3:00 A.M. Eastern Time on any given Sunday morning. In addition, preventive maintenance may be performed on the Frame Relay network being monitored by CNM on any given Saturday or Sunday between 2:00 A.M. and 4:00 A.M. Eastern Time. CNM will be unable to view these circuits while preventive maintenance is being performed. However, the Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be severely affected by such maintenance work. (C)
6. The minimum service period is one month.

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES

A140.12 Customer Network Management (Cont'd)

A140.12.2 Terms and Conditions (Cont'd)

B. Provision of Service

1. CNM is available in three packages – Gold, Silver or Bronze. All Customer Connections within a customer's account must be under the same package. If a customer desires to have multiple packages, a separate account must be established for each package type. Following is a description of what is available in each package:
 - The Gold Package includes all CNM options; Fault Management, On Demand Statistics and Performance Reporting.
 - The Silver Package includes Fault Management and On Demand Statistics.
 - The Bronze Package includes only Fault Management.
2. Customers who subscribe to CNM may choose to monitor their entire Company Fast Packet network or selected Customer Connections. The following rates and charges are applicable for customers who subscribe to CNM:

a. Service Establishment Charge

The Service Establishment Charge is a nonrecurring charge which applies per Frame Relay customer account. This charge covers the initial establishment and set-up of the CNM account for the customer. A username(s) and password(s) will be assigned for use by the customer in accessing their account. At the time the account is established, a customer may also choose to establish sub accounts. (C)

b. Reporting Packages – Gold, Silver, Bronze

A monthly charge applies for each Customer Connection the customer has chosen to monitor. A nonrecurring charge is applicable per Customer Connection at the time of installation.

c. Subsequent Modification Charge

The Subsequent Modification Charge is a nonrecurring charge which applies per Customer Connection when a CNM customer requests that existing CNM Customer Connections, or PVC's on the Customer Connection, be modified. Examples of this charge include change of customer name and movement between packages. This charge is not applicable:

- when a new PVC is added to an existing CNM Customer Connection and CNM is requested for the new PVC, or
- for a request to change a password.

d. Management Access Interface

All customers must have a Management Access Interface. This connection allows the customer to monitor their network. A monthly charge applies for each Web Interface. A nonrecurring charge is applicable per web access at the time of installation. A Security Card described below is required for each web access. See A32.1.2 for a dial or dedicated access option.

- Security Card – The Security Card charge specified in A140.12.3.B will apply for the initial card or for the issuance of additional cards for additional users or to replace a lost, damaged or expired card.

C. Contract Plans

1. Contract plans are available under conditions specified in the Fast Packet Services Payment Plan in A40.10 with contract periods described as follows:
 - a. Term Payment Plan A - payment periods may be selected from 12 to 36 months.
 - b. Term Payment Plan B - payment periods may be selected from 37 to 60 months.

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.12 Customer Network Management (Cont'd)

A140.12.3 Rates and Charges

A. CNM - Performance Reporting

1.	CNM Service Establishment Charge					Nonrecurring Charge	USOC
	(a) Per Customer					\$250.00	CNMSE
2.	Gold Reporting ¹						
	(a) Per Frame Relay Service Customer Connection	Nonrecurring Charge	Month To Month	A 12 to 36 Months	B 37 to 60 Months		USOC
	(DELETED)	\$95.00	\$14.00	\$10.50	\$8.40		CNMGF
3.	Silver Reporting ²						(D)
	(a) Per Frame Relay Service Customer Connection	90.00	12.00	9.00	7.50		CNMSF
	(DELETED)						(D)
4.	Bronze Reporting ³						
	(a) Per Frame Relay Service Customer Connection	85.00	10.50	8.00	6.30		CNMBSF
	(DELETED)						(D)
5.	Subsequent Modification Charge					Nonrecurring Charge	USOC
	(a) Per Customer Connection					\$75.00	CNMMSF
B.	Management Access Interface⁴						
1.	Web Interface						
	(a) Each	Nonrecurring Charge	Month To Month	A 12 to 36 Months	B 37 to 60 Months		USOC
		\$125.00	\$25.00	\$18.75	\$15.00		CNMWE
2.	Security Card						
	(a) Each	Nonrecurring Charge					USOC
		\$100.00					CNMSC

Note 1: Includes Fault Management, On Demand Statistics and Performance Reports.

Note 2: Includes Fault Management and On Demand Statistics.

Note 3: Includes only Fault Management.

Note 4: See A32.1.2 for a dial or dedicated access option.

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES

A140.14 (DELETED)

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A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES

A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

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A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

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A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

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A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

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A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

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A140. OBSOLETE SERVICE OFFERING - FAST PACKET TRANSPORT SERVICES
A140.14 (DELETED) (Cont'd)

(D)

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