

ACCESS SERVICE

8. Specialized Network Services

8.1 General

Specialized Network Services provide general service arrangements which are not offered under other sections of this tariff.

8.2 Packet Switched Network Service^{(1) (2)}

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8.2.1 General Description

The Packet Switched Network (PSN) combines packet switching technology and digital transmission facilities to provide a switched data carriage service. The PSN is designed to provide economical usage-sensitive data transmission for a variety of interactive (or bursty) data applications. The PSN provides for simultaneous two-way transmission of data at speeds up to 64 kilobits per second (Kbps). Customers can choose between the Data Transport access arrangement which permits PSN switching to any PSN switch in the LATA and the X.75 ISDN interface Dedicated Access arrangement whose PSN switching is limited to a single ISDN switch in a LATA.

With packet switching technology, data streams are packetized and then moved through the network to their destinations. The packet network examines, routes and transports packets individually without maintaining a physical path between bursts of data. In this way, greater volumes can be transported through shared network transmission facilities and individual data packets can be sent on alternate routes as the need arises, resulting in better system performance and higher network availability. The reduction in network facilities results in a more economical form of data transmission for interactive applications.

The PSN will support communications between data terminal equipment (DTE) with like protocols. In addition, the PSN may be used to provide protocol conversion between equipment using the asynchronous⁽¹⁾ protocol and equipment using X.25⁽¹⁾ or X.75 protocol subject to a non-tariffed protocol conversion charge.

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8.2.2 PSN Access Arrangements

Customers enter the Packet Switched Network through direct or public dial⁽²⁾ access using the X.25⁽¹⁾, X.75, or asynchronous⁽¹⁾ protocol. The PSN's protocol conversion option permits data exchange between equipment using the asynchronous⁽¹⁾ protocol and equipment using the X.25⁽¹⁾ or X.75 protocol.

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Direct access provides a full time dedicated connection to the Packet Switched Network. PSN direct access charges are comprised of dedicated channel, exchange termination, port termination and usage and optional features charges.

⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

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⁽²⁾ As of August 24, 2002 public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

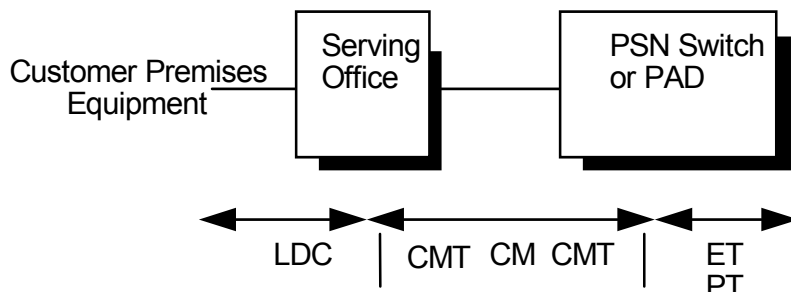
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8.2.2 PSN Access Arrangements (Cont'd)

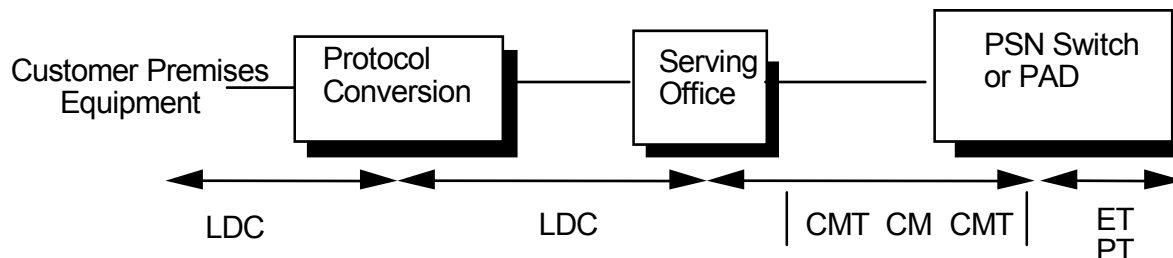
The following diagrams depict generic views of the components of direct access to the Packet Switched Network and the manner in which components are combined to provide a complete access service.

X.25⁽¹⁾ or X.75 DIRECT ACCESS

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**ASYNCHRONOUS⁽¹⁾ WITH PROTOCOL CONVERSION DIRECT ACCESS**

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LDC - Local Distribution Channel
CMT - Channel Mileage Termination
CM - Channel Mileage
ET - Exchange Termination
PT - Port Termination

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⁽²⁾ As August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

8.2.2 PSN Access Arrangements (Cont'd)

For X.25⁽¹⁾ or X.75 Direct Access, the dedicated channel which connects a customer premises to a packet assembler/disassembler (PAD) or PSN switch located on a Telephone Company premises will be rated as a Local Distribution Channel. When the customer premises is normally served from a different serving office, channel mileage from the normal serving office to the PAD or PSN switch office will also apply. No Local Distribution Channel applies at the PAD or PSN switch office.

For asynchronous⁽¹⁾ Direct Access with Protocol Conversion, the dedicated channel which connects a customer premises to the protocol converter will be rated as a Local Distribution Channel. The protocol converter will be treated as outside Telephone Company premises. The dedicated channel which connects the protocol converter to a PAD or PSN switch located on a Telephone Company premises will be rated as a Local Distribution Channel. When the customer premises is normally served from a different serving office, channel mileage from the normal serving office to the PAD or PSN switch office will also apply.

Public dial access⁽²⁾ provides shared access to the PSN via the exchange toll network. Public dial users share PSN exchange and port terminations. PSN public dial charges are comprised of Ameritech Premium Packet Access, Holding Time and Data Transport MOU, kilosegments or Fast Select packet charges.

⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged. (Z)

⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers. (Z)

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service⁽¹⁾⁽²⁾, (Cont'd) (C)

8.2.3 Rates Categories

- (a) PSN service requires the use of customer premises equipment (CPE). This equipment, used in conjunction with the PSN port termination is subject to limitations specified in the following Technical References:

PROTOCOL OF PORT TERMINATIONS	TECHNICAL REFERENCE	
Asynchronous ⁽¹⁾	AM-TR-NPL-000003	(C)
X.25 ⁽¹⁾	AM-TR-NPL-000002	(C)
X.75	AM-TR-NPL-000016	

- (b) The CPE used in association with the PSN is also subject to the limitations of the technical reference for the exchange termination. The exchange termination is a central office cross connection between the dedicated channel and a PSN port termination. It provides a central office end modem function for analog lines and a Data Service Unit/Channel Service Unit function for digital access lines⁽²⁾. The applicable technical reference for analog exchange terminations is AM TR-NPL-000001. The applicable technical reference for digital exchange terminations is AM TR-NPL-000007. (C)
- (c) The port termination provides the asynchronous, X.25⁽¹⁾ or X.75 PSN interface. Port terminations are protocol and speed specific. A Network Terminal Number (NTN) is provided at no charge with each port termination. The NTN assignment is independent of the customer's voice telephone number. (C)
- (d) Data exchanges between equipment using the asynchronous⁽¹⁾ protocol and equipment using the X.25⁽¹⁾ or X.75 protocol are subject to a nontariffed Protocol Conversion Charge which is applied as a surcharge to basic usage rate. (C)

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⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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(This page filed under Transmittal No. 1314)

Issued: August 9, 2002

Effective: August 24, 2002

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)}, (Cont'd)

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8.2.3 Rate Categories (Cont'd)

- (e) Ameritech Premium Packet Access provides a usage sensitive, LATA-wide charge for access to the PSN.

Ameritech Premium Packet Access usage measurement begins upon receipt of the call acceptance packet and ends upon receipt of the call clear packet. The minimum initial Ameritech Premium Packet Access period is 3 tenths of a minute and additional usage is measured in tenths of minutes. Ameritech Premium Packet Access usage will be accumulated for the billing period for rating purposes.

Holding Time is the elapsed time of a Public Dial⁽²⁾ PSN call. Holding Time charges apply to Public Dial PSN Access Arrangements for the use of a PSN dial port.

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A Holding Time session begins upon receipt of the call acceptance packet and ends upon receipt of the call clear packet. The minimum initial Holding Time session is one tenth of a minute and additional usage is measured in tenths of minutes. Holding Time will be accumulated for the billing period for rating purposes.

Fast Select allows for a call request, the transmission of data and call clearing in a single exchange of packets. These packets may contain up to 128 data octets in addition to the call request information.

Data Transport usage charges apply for PSN arrangements whose PSN switch can connect to any PSN switch in a LATA. ISDN Interface usage charges apply for X.75 Dedicated Access Arrangements whose PSN switching is limited to a single ISDN switch in a LATA.

Customers who access the network via Dial Ports or ISDN Packet Lines and transmit an average of 2.0 kilosegments or less of data per virtual circuit per minute can choose between minutes of use (MOU) and kilosegment billing. Customers who transmit greater than an average of 2.0 kilosegments per virtual circuit per minute will be billed for kilosegments transmitted. The average kilosegments per minute will be calculated for the billing period for rating purposes.

The measurement of a MOU session begins upon receipt of the call acceptance packet and ends upon receipt of the call clear packet. The minimum initial MOU session is 7 tenths of a minute and additional usage is measured in tenths of minutes. MOUs will be accumulated for the billing period for rating purposes.

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(This page filed under Transmittal No. 1314)

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd) (C)

8.2.3 Rate Categories (Cont'd)

(e) (Cont'd)

Kilosegment measurement counts the number of segments transmitted. A kilosegment is 1000 segments. A segment has a billable length of 64 octets of customer information. The minimum initial session is 40 segments and additional usage is measured in segments. Segments are totaled at the end of the billing period and rounded to the next whole kilosegment for rating purposes.

- (f) Ameritech Transaction Service (ATS) provides for dial up access to the Ameritech Packet Network, using a unique telephone number anywhere in the Ameritech service area, for the purpose of transporting short transactional messages to a predetermined host location. ATS usage measurement begins upon receipt of the call acceptance packet and ends upon receipt of the call clear packet. This service is rated in seconds of call use, however, all of the call-seconds per month will be added up, divided by 60, rounded up to the next whole minute and rated based on paragraph 8.2.5(E)(8).

- (g) An evening, weekend and holiday 50 percent discount in rates will apply on the following:

- Holding Time
- Data transport charge
- Protocol conversion charge
- ISDN Interface charge
- Fast select (if appropriate)

The evening discount will apply for any portion of a call occurring Monday through Friday during the period from 4:00 P.M. up to but not including 7:00 A.M.

The weekend and holiday 50 percent discount will apply for any portion of a call through the entire day.

The observed holidays are New Year's Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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8.2.3 Rate Categories (Cont'd)

- (h) Certain optional features and functions are available with PSN service. The optional features and their applicable rates for the PSN Direct Channel can be found in Section 7. Other optional features and functions may be available with the packet switch.

Additional Network User Identification (NUI) Code - an additional log-in ID. The Telephone Company defines the character string structure for the NUI code.

Call Redirection - Automatically redirects calls addressed to a primary DTE, to a secondary DTE, when the primary DTE is not in service, busy, or designated for call redirection due to network operator request. Call redirection ends automatically when access to the primary DTE is again possible.

Closed User Group (CUG) - A private group of users that limits communications to members within the group. The CUG allows its members to transmit and receive calls, service type permitting, to and from other members within the CUG.

Direct Call - Enables a user to automatically establish a virtual call to a predetermined NTN.

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service⁽¹⁾⁽²⁾ (Cont'd)

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8.2.3 Rate Categories (Cont'd)

Fast Select Acceptance - Allows the customer to terminate fast select calls that originated from an end user's data terminal equipment (DTE). The fast select data is delivered to the terminating customer in the user data field of an incoming call packet. The terminating DTE then responds with either a call accepted packet or a call clear indication packet.

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(This page filed under Transmittal No. 1314)

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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8.2.3 Rate Categories (Cont'd)

Hunt Group - An association of ports with a single or multiple NTN's. Two features are available. The homing feature allows terminating calls to be distributed sequentially over the ports. Non-homing allows terminating calls to be distributed equally over the ports.

Multiple Network Terminal Numbers (NTN) - Permits the user to have additional DTE addresses per port, thereby permitting incoming logical channel transmissions to be routed by the PSN to the appropriate DTE. The available quantity of this feature may be limited by the Telephone Company equipment in place.

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8. Specialized Network Services (Cont'd)

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8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

8.2.3 Rate Categories (Cont'd)

Permanent Virtual Circuit (PVC) - Establishes a logical channel between two NTN's and remains indefinitely in the data transfer mode.

Reverse Charging - Allows the originating NTN's PSN usage and holding time charges to be billed to the terminating NTN on a per session basis. The call will be set up only if the terminating NTN is configured to accept charges.

Reverse Charging Acceptance - Authorizes the terminating NTN to accept PSN usage and holding time charges from an originating NTN.

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(This page filed under Transmittal No. 1314)

Issued: August 9, 2002

Effective: August 24, 2002

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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8.2.4 Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation of new services and rearrangements of installed services). The nonrecurring charges that apply for installation of Packet Switched Network Service are described in (1) through (4), following. Application of nonrecurring charges for service rearrangements is described in (5), following.

Certain optional features and functions also have separate installation nonrecurring charges as described in (4), following.

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(This page filed under Transmittal No. 1314)

Issued: August 9, 2002

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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8.2.4 Nonrecurring Charges (Cont'd)

(1) Administrative Charge

The Administrative Charge applies any time a customer initiates an order for service. This charge applies once per customer order, as described in Section 5.1 preceding. Administrative Charges for Packet Switched Network Service are set forth in 8.2.3 (H) following.

(2) Design and Central Office Connection Charge

The Design and Central Office Connection Charge applies to each Dedicated Channel service installed, and is charged once per circuit. The nonrecurring charges for design and central office connection are set forth in 8.2.3 (H) following.

(3) Customer Connection Charge

The Customer Connection Charge applies to each Dedicated Channel service installed, and is charged once per Local Distribution Channel. The nonrecurring charges for customer connection are set forth in 8.2.3 (H) following.

(4) Installation of Exchange Terminations, Port Terminations, and Optional Features and Functions

Individual nonrecurring charges apply for the installation of exchange terminations, port terminations, and optional features and functions available with the packet switch. For optional features and functions, the nonrecurring charge applies when the feature or function is installed coincident with the initial installation of service or at any time subsequent to the initial installation when the feature or function is installed as a service rearrangement, as described in (5) following.

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(This page filed under Transmittal No. 1314)

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd) (C)

8.2.4 Nonrecurring Charges (Cont'd)

(5) Service Rearrangements

Service rearrangements are changes to existing (installed) services which do not result in either a change in the minimum period requirements as set forth in 5.2.5 preceding or a change in the physical location of the point of termination at a customer or customer's end user premises.

Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of the termination are treated as moves and are described and charged for as set forth in 7.4.5 preceding.

The charge to the customer for the service rearrangement is dependent on whether the change is "records only" in nature or involves actual physical change to the service.

Certain "records only" changes will be made without charge(s) to the customer. Such changes require the continued provision and billing of the Access Service to the same entity (i.e., customer remains responsible for all outstanding indebtedness for the Access Service). Following are examples of "records only" changes:

- Change of customer name (i.e., the customer of record does not change but rather the customer of record changes its name -- e.g., AT&T Long Lines to AT&T - Communications),
- Change of customer premises or customer's end user premises address when the change of address does not require a physical relocation of equipment,
- Change in billing data (name, address, or contact name or telephone number),

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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8.2.4 Nonrecurring Charges (Cont'd)

(5) Service Rearrangements (Cont'd)

- Change of customer or customer's end user contact name or telephone number.

All other service rearrangements will be charged for as follows:

- If a change involves a change of the customer of record (i.e., Access Service is provided and billed to a different entity) and no physical relocation or rearrangement of the service is required, the Administrative Charge will apply. For the change of customer of record to be treated as a service rearrangement, the new customer must assume liability for both current and prior charges for the service.
- If a change involves the addition or change of a packet switch exchange termination, port termination or optional feature(s), the nonrecurring charge(s) associated with the packet switch exchange termination, port termination and/or optional feature(s) will apply. The Administrative Charge will also apply.
- If a change involves the removal of packet switch optional feature, the nonrecurring charge associated with Packet Switch optional feature (if any) and the Administrative charges will apply.

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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8.2.4 Nonrecurring Charges (Cont'd)

(5) Service Rearrangements (Cont'd)

- If a change involves the addition of Optional Features and Functions to the Direct Channel with separate nonrecurring charges, the Design and Central Office Connection Charge and the Customer Connection Charge will apply in addition to the separate nonrecurring charge. The Administrative Charge will also apply.
- If a change involves the addition of Optional Features and Functions to the Direct Channel without separate nonrecurring charges, the Design and Central Office Connection Charge and the Customer Connection Charge will apply. The Administrative Charge will also apply.
- If a change involves the removal of Optional Features and Functions from the Direct Channel, either with or without separate nonrecurring charges, the Design and Central Office Charge and the Administrative Charge will apply.
- If the Priority Restoration (PR) Level is changed on a Telecommunications Service Priority System service, the PR Level Change Charge will apply. The Administrative Charge will also apply.
- For all other changes which require physical work to be performed, one Design and Central Office Connection Charge and one Customer Connection Charge per LDC will apply. The Administrative Charge will also apply.
- For all other changes not requiring physical work at the central office or customer premises, including a change in the customer assigned circuit identification, billing account number (when initiated by the customer), jurisdiction without a physical rearrangement of facilities, or customer assigned test line number, the Administrative Charge will apply.

Only one such charge will apply per order. If the rearrangements are initiated by the Telephone Company, or if the rearrangements are necessary to conform Telephone Company records to MECAB or MECOD requirements for jointly provided services, no charge will apply.

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(This page filed under Transmittal No. 1314)

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

8.2.5 Rates and Charges

	USOC	Monthly Rate	
(A) Dedicated Channel			
All States			
(1) Direct Analog Service**			
(a) Local Distribution Channel	T6E4X	Direct Analog Service	
(b) Channel Mileage Termination	CM6	rates as specified in	
(c) Channel Mileage	1L5XX	7.5.3 apply	
(2) Base Rate Service**			(T)
(a) Local Distribution Channel	T6ECS	Base Rate	(T)
(b) Channel Mileage Termination	CM6	rates as specified in	
(c) Channel Mileage	1L5XX	7.5.9 apply	

** Access Order charges as specified in Section 5 apply.

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(2) As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

(This page filed under Transmittal No. 1357)

Issued: October 6, 2003

Effective: October 21, 2003

One SBC Plaza, Dallas, Texas 75202

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8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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(This page filed under Transmittal No. 1314)

Issued: August 9, 2002

Effective: August 24, 2002

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8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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8.2.5 Rates and Charges (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge
(B) Exchange Terminations			
- All States			
(1) Analog Asynchronous ⁽¹⁾			
- 2.4 Kbps	VXDA2	35.00	25.00
- 4.8 Kbps	VXDA4	35.00	25.00
- 9.6 Kbps	VXDA9	35.00	25.00
(2) Digital			
- 2.4 Kbps	VXDD2	30.00	45.00
- 4.8 Kbps	VXDD4	30.00	45.00
- 9.6 Kbps	VXDD9	30.00	45.00
- 19.6 Kbps	VXD19	30.00	45.00
- 56 Kbps	VXD56	30.00	45.00

(C)

⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

(N)

⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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(This page filed under Transmittal No. 1314)

Issued: August 9, 2002

Effective: August 24, 2002

One Bell Plaza, Dallas, Texas 75202

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

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(This page filed under Transmittal No. 1314)

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd) (C)

8.2.5 Rates and Charges (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge	
(B) Exchange Terminations (Cont'd)				
(C) Port Terminations				
- All States				
(1) Asynchronous ⁽¹⁾	LHPAF	25.00	0.00	(C)
(2) X.25 ⁽¹⁾ Protocol				(C)
- 2.4 Kbps	LHT2C	25.00		
- 4.8 Kbps	LHT2D	25.00		
- 9.6 Kbps	LHT2E	25.00		
- 19.2 Kbps	LHT2F	25.00		
- 56 Kbps	LHT2G	25.00		
(3) X.75 Protocol				
- 2.4 Kbps	LHT7C	25.00		
- 4.8 Kbps	LHT7D	25.00		
- 9.6 Kbps	LHT7E	25.00		
- 19.2 Kbps	LHT7F	25.00		
- 56 Kbps	LHT2G	25.00		

⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

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⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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- (1) As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.
- (2) As of August 24, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

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⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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(This page filed under Transmittal No. 1314)

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Effective: August 24, 2002

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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8.2.5 Rates and Charges (Cont'd)

(E) Usage		USOC	Rate
- All States			
Normal Business Day			
(1) Ameritech Premium Packet Access per 1/10 minute or fraction thereof			.0035
(2) Holding Time per 1/10 minute or fraction thereof			.001
(3) Fast Select Packet Per Request	HRBM1		.01
(4) Data Transport Charge Per 1/10 minute or fraction thereof	HRBM1		.0015
(5) ISDN Interface Charge Per 1/10 minute or fraction thereof	HRBMG		.0005
(6) Data Transport Charge Per kilosegment	HRBKX		.24
(7) ISDN Interface Charge Per kilosegment	HRBKG		.08
(8) Ameritech Transaction Service Per minute			.09

⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

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8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

8.2.5 Rates and Charges (Cont'd)

(E) Usage (Cont'd)

	USOC	Discounted Rate
- All States		
Evenings, Weekends and Holidays*		
(1) Holding Time per 1/10 minute or fraction thereof		.0005
(2) Fast Select Packet Per Request	HRBM1	.005
(3) Data Transport Charge Per 1/10 minute or fraction thereof	HRBM1	.00075
(4) ISDN Interface Charge Per 1/10 minute or fraction thereof	HRBMG	.00025
(5) Data Transport Charge Per kilosegment	HRBKX	.12
(6) ISDN Interface Charge Per kilosegment	HRBKG	.04

* The evening discount will apply for any portion of a call occurring Monday through Friday during the period from 4:00 P.M. up to, but not including, 7:00 A.M. The weekend and holiday discount will apply for any portion of a call through the entire day on Saturday, Sunday, or an observed holiday. The observed holidays are New Year's Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

(1) As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

(2) As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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(This page filed under Transmittal No. 1314)

Issued: August 9, 2002

Effective: August 24, 2002

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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8.2.5 Rates and Charges (Cont'd)

(F) Packet Switch Optional Features

	USOC	Monthly Rate	Nonrecurring Charge
- All States			
(1) Hunt Group	LDM	3.00	20.00
(2) Direct Call	LJD	0.00	20.00
(3) Reverse Charging Acceptance	LD4	0.00	10.00
(4) Fast Select Acceptance	LD5FS	0.00	10.00
(5) CUG Group	LDJ	0.00	15.00
(6) CUG Group Member	LGJ	0.00	10.00
(7) Additional NUI	LOGAX	0.00	5.00
(8) Additional NTN	LDQ	0.00	10.00
(9) Permanent Virtual Circuit	LDV	0.00	20.00
(10) Call Redirection	LRD	1.00	15.00

⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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Issued: August 9, 2002

Effective: August 24, 2002

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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- (1) As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.
- (2) As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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- (1) As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.
- (2) As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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- (1) As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.
- (2) As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

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⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

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⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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(This page filed under Transmittal No. 1314)

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Effective: August 24, 2002

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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- (1) As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.
- (2) As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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(This page filed under Transmittal No. 1314)

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Effective: August 24, 2002

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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- (1) As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.
- (2) As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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(This page filed under Transmittal No. 1314)

Issued: August 9, 2002

Effective: August 24, 2002

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

8.2.5 Rates and Charges (Cont'd)

(F) Packet Switch Optional Features (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge
	Administrative Charge Per Order ORCMX	Design and Central Office Connection Charge Per Circuit NRBCL	Customer Connection Charge Per Termination NRBBL
(G) Nonrecurring Charges	USOC		
- All States Direct Analog ⁽¹⁾		Nonrecurring Charges as specified in 7.5.13 apply	
Base Rate			(T)

⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

(This page filed under Transmittal No. 1357)

Issued: October 6, 2003

Effective: October 21, 2003

One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

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8.2.5 Rates and Charges (Cont'd)

(G) Nonrecurring Charges (Cont'd)

	Nonrecurring Charge
(2) Technical Assistance	
Illinois	
First hour or fraction thereof	Not Available
Additional quarter hour or fraction thereof	Not Available
Indiana	
First hour or fraction thereof	Not Available
Additional quarter hour or fraction thereof	Not Available

⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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(This page filed under Transmittal No. 1314)

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

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8.2 Packet Switched Network Service^{(1) (2)} (Cont'd)

8.2.5 Rates and Charges (Cont'd)

(G) Nonrecurring Charges (Cont'd)

Nonrecurring
Charge**Michigan**

First hour or fraction thereof \$56.00

Additional quarter hour or
fraction thereof 14.00**Ohio**

First hour or fraction thereof Not Available

Additional quarter hour or
fraction thereof Not Available**Wisconsin**

First hour or fraction thereof \$52.00

Additional quarter hour or
fraction thereof 13.00⁽¹⁾ As of August 24, 2002, Packet Switched Network Service utilizing X.25 protocol or utilizing asynchronous protocol is obsolete and limited to existing installations, at existing locations, for existing customers. Service utilizing X.75 protocol remains unchanged.

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⁽²⁾ As of August 24, 2002, public dial access (dial-up access) to Packet Switched Network Service is obsolete and limited to existing installations, at existing locations, for existing customers.

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(This page filed under Transmittal No. 1314)

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL)

8.3.1 Service Description

The Dedicated - Network Access Link provides a connection between the customer designated premises and a Telephone Company switch or central office for the control of features and functions, or for the transfer of data from the switch or central office to the customer. The DNAL is primarily used in conjunction with switched access or central office based services requiring a separate link for transmitting signaling or control information. Central office based services require connection to equipment in a central office that is not part of the central office switch. For example, service that requires a separate specialized switch or a modem. The switched access service determines the requirement for speed, type, and number of DNALs.

- (A) Signal Transfer Point (STP) Access, as described in Section 6.1.3 preceding requires diversified digital transmission paths between the customer designated premises and STPs. The connection to the Company STP can be made either from the customer's Signaling Point which requires two 56 Kbps circuits or from the customer's STP which requires four 56 Kbps circuits. The STP Access DNAL may be customer provided or Telephone Company provided and must be provided in accordance with the technical specifications found in technical publications TR-TSV-000905 and AM-TR-OAT-000069. The customer provided STP Access DNAL also requires the purchase of Ameritech Cross-Connection Service for Interconnection as described in Section 16.4 following and Interconnection-Central Office Multiplexing as described in Section 7.2.9 preceding.

The Company will use existing facilities to provide transmission paths to the customer which are as diverse as possible at no additional charge. When the STP Access DNAL Local Distribution Channel is provided on an Ameritech Operating Company provisioned and controlled 1.544 Mbps facility, the Ameritech Operating Companies may assign additional network signaling channels to that 1.544 Mbps facility

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(TR982)

Issued: July 5, 1996

Effective: August 19, 1996
(Deferred to August 31)
Def to September 18, 1996
Sus to September 19, 1996Director, Federal Regulatory Planning & Policy, 4G62
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL)

8.3.1 Service Description (Cont'd)

- (B) Circuit Switch Facility Control (CSFC) is an interface which passes, via the DNAL, signals that are used to busy out a customer's facilities. This interface works in conjunction with and must be related to a circuit with the make busy arrangement described in Section 6 preceding. Thus CSFC requires a two-wire analog DNAL with a basic DNAL termination. The technical parameters are as set forth in Technical Reference Publication TR-TSY-000521, Issue 2.
- (C) Simplified Message Desk Interface (SMDI) is used to pass call history data to a customer for use with Call History Package Delivery feature and to pass signaling information for use with Remote Activation of Message Waiting feature. A modem is required in the central office and a compatible modem is required at the customer's premises. This service is available only in designated offices and requires either a 1200 baud or 9600 baud data termination, on a four wire DNAL in every office a customer wants to access. The SMDI office locations can be found in National Exchange Carrier Association Tariff F.C.C. No. 4 and the ONA Wire Center Database. For use with the Call History Package Delivery option, this interface and corresponding DNAL can be utilized with an FGA line equipped with a multiline hunt group or any compatible line side service authorized under the established policy of the intrastate authorities. The technical parameters are as set forth in Technical Reference Publication AM-TR-OAT-000065. C
- (D) Simplified Message Desk Interface - Expanded (SMDI-E) provides customers with the ability to serve multiple offices with a single DNAL by utilizing the signaling network to pass Call History data and signaling information within a LATA. SMDI-E is offered with either a 1200 baud or 9600 baud data termination and is available only in those designated offices equipped with the SMDI-E feature. The SMDI-E 1200 baud and 9600 baud office locations can be found in National Exchange Carrier Association Tariff F.C.C. No. 4 and the ONA Wire Center Database. SMDI-E will be offered with access to any office within the LATA where it is technically feasible. Customers must identify the Telephone Company offices they wish to access. If a customer adds an office or changes an office, an administrative charge will apply. In addition to the elements required for SMDI, the SMDI-E interface option must be ordered. However, the SMDI-E feature only requires a minimum of one DNAL per LATA, rather than a DNAL to every office. C

(TR869)

Issued: March 6, 1995

Effective: April 20, 1995

Director, Federal Regulatory Planning & Policy, 4G62
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Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.1 Service Description (Cont'd)

- (E) Network Reconfiguration Service (NRS) provides customers with the ability to reconfigure networks via a DNAL. NRS may be accessed utilizing a two-wire analog DNAL with a basic DNAL termination.

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Alarm service provides for the transmission of signals from alarm sensors located on an end user's premises to a customer, thus providing customers with the ability to monitor a change in status on their end users' lines. This service is available only in appropriately equipped offices where facilities are available. Information regarding the availability of Alarm Service can be found on the ONA Services User Guide Wire Center Database. The Alarm interface requires a two-wire analog DNAL with a 1200 Kbps Alarm DNAL termination. This service technology inherently provides Derived Channel Monitoring and Notification of Subscriber Line Breaks functionality to a customer.

- (G) Ameritech Switch to Computer Applications Interface (ASCAI) provides customers with the capability of simultaneous exchange of data between telecommunications and data processing environments. ASCAI requires a 9.6 Kbps DNAL with a 9.6 Kbps DNAL termination or a 56 Kbps DNAL with a 56 Kbps DNAL termination. ASCAI allows the customer's host computer to direct switch processes for various applications. This ASCAI interface is available at appropriately equipped central offices as set forth in National Exchange Carrier Association Tariff F.C.C. No. 4. The end user and/or customer must have an ASCAI equipped compatible local exchange service and interfaces as described in technical references AM-TR-NIS-000097 and AM-TR-NIS-000109.

(This page filed under Transmittal No. 1357)

Issued: October 6, 2003

Effective: October 21, 2003

ACCESS SERVICE**8. Specialized Network Services (Cont'd)****8.3 Dedicated - Network Access Link (DNAL) (Cont'd)****8.3.2 Rate Categories****(A) Local Distribution Channel**

The Local Distribution Channel (LDC) provides for a Transmission path between the customer designated premises and the serving wire center of that premises.

- (1) The Analog 2 wire Local Distribution Channel is a two-wire facility
- (2) The Analog 4 wire Local Distribution Channel is a four-wire facility
- (3) The 9.6 Kbps Local Distribution Channel is a digital four-wire facility
- (4) The 56 Kbps Local Distribution Channel is a digital four-wire facility

(B) Channel Mileage Termination

The Channel Mileage Termination rate category provides for the termination of interoffice facilities to the central office. Therefore, it is only applied if there is interoffice mileage and not to circuits within the same central office.

(C) Channel Mileage

The Channel Mileage rate category provides for the transmission facilities between the serving wire center associated with a customer designated premises and Telephone Company Central Office equipment necessary to terminate the DNAL as described in Section 8.3.1 above.

(D) DNAL Termination

The DNAL Termination provides for an interface for various types of DNALs. This would include data sets and any other equipment in the central office required to provide the service.

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y Material effective February 12, 1993 under Transmittal No. 686.
Certain material on this page previously appeared on
7th Revised Page 454.24.2.

(TR690)

Issued: January 19, 1993**Effective: March 5, 1993**

**Director, Federal Regulatory, 4F20
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025**

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.2 Rate Categories

(D) DNAL Termination (Cont'd)

- (1) A basic DNAL termination provides the connection of an analog LDC in the case where no modem is required. The termination can be used with either a two-wire or four-wire analog LDC.
- (2) A 1200 baud analog termination provides for the capability to transmit data at a 1200 baud rate using an analog LDC and requires a compatible modem at the customer designated premises.

A 9600 baud analog termination provides for the capability to transmit data at a 9600 baud rate using an analog LDC and requires a compatible modem at the customer designated premises.

The DNAL termination for 1200 baud or 9600 baud used for SMDI, which is also used with SMDI-E, is available as a monthly rate or at a fixed rate over a 36 or 60 month payment period. During the effective 36 or 60 month term, monthly rates for services installed under this arrangement will not be subject to Telephone Company initiated rate changes. The rates in effect when service is installed for the 36 or 60 month payment option will be the rates that will apply throughout the selected term. The nonrecurring charge will remain the same for all three options and may not be spread over the selected term.

Customers electing to terminate their service prior to the expiration of the term will be liable for a percentage of the remaining monthly term. The percentage rate is 75 percent for 36 months and 60 percent for 60 months. At the expiration of the term the customer choosing to retain the service may elect either the prevailing monthly rate or a new 36 or 60 month term at the prevailing rates, if available. If the customer doesn't make a choice, the rates will automatically revert to the monthly option.

A customer with SMDI may convert to SMDI-E without termination liability if the SMDI-E service is contracted for the same or longer contract period.

- (3) A 9.6 Kbps Digital Termination provides the capability to transmit data at 9.6 Kbps using a 9.6 Kbps LDC. It requires compatible equipment at the customer premises.

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(TR869)

Issued: March 6, 1995

Effective: April 20, 1995

Director, Federal Regulatory Planning & Policy, 4G62
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.2 Rate Categories

(D) DNAL Termination (Cont'd)

- (4) A 56 Kbps Digital Termination provides the capability to transmit data at 56 Kbps using a 56 Kbps LDC. It requires compatible equipment at the customer premises.

(E) Features and Functions

- (1) Make Busy Arrangements option allows a customer to reroute traffic from one group of lines or trunks to another group by making the intended route busy. The customer may also busy out an entire group of lines or trunks. This works in conjunction with either a Feature Group A, B or D facility. The Circuit Switch Facility Control Interface DNAL (i.e., a two-wire DNAL with a basic interface) is also required. The circuits for both the DNAL and the associated switched access service must be related on their respective ASRs.

(2) Remote Activation of Message Waiting

- (a) Remote Activation of Message Waiting provides the customer the capability to notify an end user that a message is waiting for retrieval. This requires the DNAL with a SMDI interface and is available with either the SMDI and SMDI-E options. This feature can share a DNAL with Call History Package Delivery feature ordered by the customer. The end user's line must be equipped with the ability to Receive Message Waiting Indicator in order for the feature to function properly. This is available only via appropriately equipped offices. The customer and end user must be served out of the same central office for SMDI.

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- (b) Remote Activation of Message Waiting – Alternate Network Delivery, this optional delivery feature provides the capability for the customer to direct its Message Waiting Indicator (MWI) messages toward the customer's Alternate Network service provider within the LATA. This feature requires the DNAL with a SMDI interface and is available only with the SMDI-E option. The customer must provide the Telephone Company with information specifying:

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- (1) The single pre-defined central office switch point code of the Alternate Network for the MWI messages to be routed.
- (2) A list of all the alternate network provider's end user station NPA-NXXs receiving MWI messages (these must be served out of the same LATA as the SMDI-E DNAL).

(N)

Certain material previously appeared on this page now appears on 6th revised page 454.24.5.

(This page filed under Transmittal No. 1484)

Issued: July 14, 2005

Effective: July 15, 2005

One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.2 Rate Categories (Cont'd)

(E) Features and Functions (Cont'd)

(2) Remote Activation of Message Waiting (Cont'd)

(b) Alternate Network Delivery (Cont'd)

The customer's Alternate Network Service Provider must provide service capability to receive and complete MWI delivery. The customer is responsible for any and all charges that the Telephone Company may incur from the customer's Alternate Network Service Provider for receiving MWI messages from the Telephone Company.

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- (3) Call History Package Delivery will provide the customer with real time information on telephone calls that are terminated to a designated Feature Group A Multiline hunt group or any compatible line side service authorized under the established policy of intrastate authorities. This feature requires the DNAL with SMDI interface option and is available with either the SMDI and SMDI-E options. This feature will work with Remote Activation of Message Waiting and these two options can share a common DNAL. When ordered in offices equipped with a DMS100 switch, the UCD feature on the line side service is also required.

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The following information is available over the SMDI type DNAL when both the customer and end user are served by the same central office: Multiline hunt group (MLHG) and terminal identification of call handler, call reason, called number from which incoming call was forwarded to the customer, and the directory number of the originating call (Calling Number Identification). When a call originates outside of the SMDI supported central office but terminates to a line within the SMDI supported central office (i.e., call forwarded to the customer), the directory number of the originating call is not sent. When used with the SMDI-E optional DNAL, all of the information is available from any appropriately equipped office selected by the customer as specified in 8.3.1(D) preceding.

Material appearing on this page previously appeared on 2nd revised page 454.24.4

Certain material previously appeared on this page now appears on 2nd revised page 454.24.5.1.

(This page filed under Transmittal No. 1484)

Issued: July 14, 2005

Effective: July 15, 2005

One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.2 Rate Categories (Cont'd)

(E) Features and Functions (Cont'd)

- (4) Coordinated Voice and Data Delivery (CVD) allows for the simultaneous delivery of voice and data for incoming calls. The voice service is delivered to the end user via the normal connection, while the data portion is delivered via the customer's host computer connected to the ASCAI DNAL. This feature requires the ASCAI DNAL interface with a 9.6 Kbps or 56 Kbps DNAL termination on a 9.6 Kbps or 56 Kbps DNAL, respectively. This feature can share the DNAL with the other ASCAI features (BSEs) and is required to provide any ASCAI features.
- (5) Call Redirection allows the customer's host computer to notify the switch either to allow the call to complete as dialed or redirect the call to an alternate number designated by the end user. This feature requires the ASCAI DNAL interface with a 9.6 Kbps or 56 Kbps DNAL termination on a 9.6 Kbps or 56 Kbps DNAL, respectively. This feature can share the DNAL with other ASCAI features (BSEs) and also requires the CVD feature.
- (6) Computer Assisted Call Transfer allows the customer's host computer to notify the switch to transfer the call from one agent to another agent after the call had been completed. This feature requires the ASCAI DNAL interface with a 9.6 Kbps or 56 Kbps DNAL termination on a 9.6 Kbps or 56 Kbps DNAL, respectively. This feature can share the DNAL with the other ASCAI features (BSEs) and also requires the CVD feature.
- (7) Computer Assisted Dialing allows the customer's host computer to notify the switch to place a call to a selected number on behalf of a particular agent. This feature requires the ASCAI DNAL interface with a 9.6 Kbps or 56 Kbps DNAL termination on a 9.6 Kbps or 56 Kbps DNAL, respectively. This feature can share the DNAL with the other ASCAI features (BSEs) and also requires the CVD feature.

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Material appearing on this page previously appeared on 5th revised page 454.24.5

(This page filed under Transmittal No. 1484)

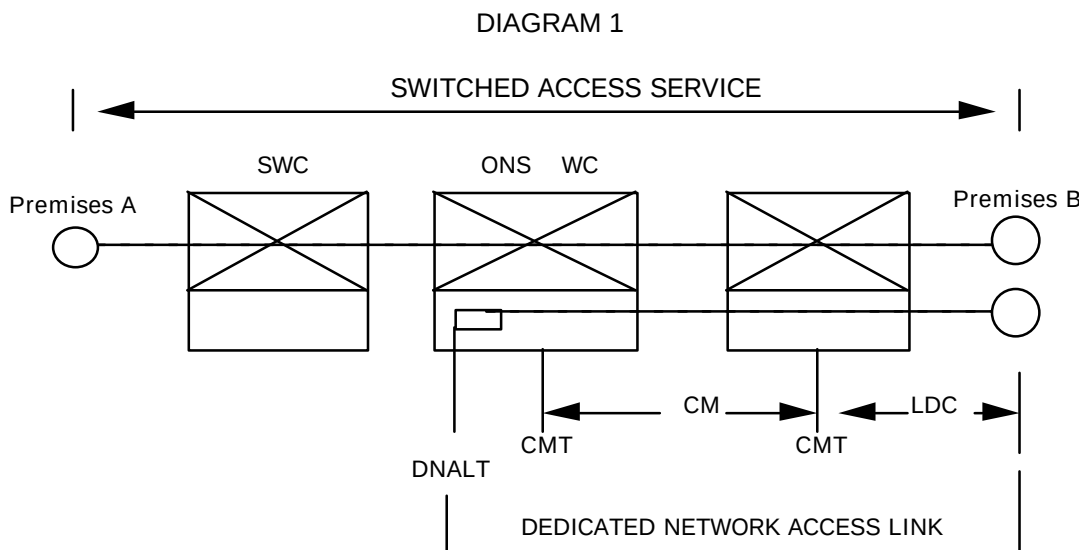
Issued: July 14, 2005

Effective: July 15, 2005

One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE**8. Specialized Network Services (Cont'd)****8.3 Dedicated - Network Access Link (DNAL) (Cont'd)****8.3.3 Service Configuration**

The following diagram depicts a Dedicated - Network Access Link service in conjunction with a switched access service.



- LDC - Local Distribution Channel
- CMT - Channel Mileage Termination
- CM - Channel Mileage
- DNALT - DNAL Termination
- SWC - Serving Wire Center
- ONSWC - Other Network Service Wire Center

Applicable rate elements are:

- Local Distribution Channel (one applicable)
- Channel Mileage Termination
- Channel Mileage (per mile)
- DNAL Termination
- Switched Access (see Section 6)

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.3 Service Configuration (Cont'd)

x Issued under authority of Special Permission No. 91-102 on not less than one day's notice.

Issued: February 7, 1991

Effective: February 8, 1991

Director, Federal Regulatory, 4F20
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE**8. Specialized Network Services (Cont'd)****8.3 Dedicated - Network Access Link (DNAL) (Cont'd)****8.3.3 Service Configuration**

This section contains specific regulations governing the rates and charges that apply for Dedicated - Network Access Links.

8.3.4.1 Types of Rates and Charges

There are two types of rates and charges. These are monthly and nonrecurring charges. The rates and charges are described as follows:

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a Dedicated - Network Access Link is provided. For billing purposes, each month is considered to have 30 days.

(B) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific work activity (i.e., installation or change to an existing service). The types of nonrecurring charges that apply for Dedicated - Network Access Links are: installation of service and service rearrangements.

(1) Installation of Service**(a) Administrative Charge**

The Administrative Charge applies any time a customer initiates an order for service. This charge applies once per customer order, as described in Section 5.1 preceding. Administrative Charges for Dedicated - Network Access Link Service are set forth in 8.3.5 following.

(b) Design and Central Office Connection Charge

The Design and Central Office Connection Charge applies to each service installed, and is charged once per circuit. The nonrecurring charges for design and central office connection are set forth in 8.3.5 following.

ACCESS SERVICE**8. Specialized Network Services (Cont'd)****8.3 Dedicated - Network Access Link (DNAL) (Cont'd)****8.3.4 Rate Regulations (Cont'd)****8.3.4.1 Types of Rates and Charges (Cont'd)****(1) Installation of Service (Cont'd)****(c) Customer Connection Charge**

The Customer Connection Charge applies to each service installed, and is charged once per Local Distribution Channel. The nonrecurring charges for customer connection are set forth in 8.3.5 following.

(2) Service Rearrangements

Service Rearrangements are changes to existing (installed) services. There are no optional features. Consequently, except for Priority Restoration (PR) changes in Telecommunications Service Priority (TSP) System services, service rearrangements will be treated as a disconnect and start of new service. If the PR Level is changed, the PR Level Change and the Administrative Charges apply.

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8.3.4.2 Minimum Periods

The minimum service period is one month.

8.3.4.3 Mileage Measurement

The mileage to be used to determine the monthly rate for the Channel Mileage is calculated on the airline distance between the serving wire center associated with a customer designated premises and the Telephone Company Central office where the service terminates. The serving wire center associated with a customer designated premises is the serving wire center from which the customer designated premises would normally obtain dial tone.

To determine the rate to be billed, first compute the mileage using the V&H Coordinates Method, as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4.

(TR686)

Issued: January 8, 1993

Effective: February 12, 1993

Director, Federal Regulatory, 4F20
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.4 Rate Regulations (Cont'd)

8.3.4.3 Mileage Measurement (Cont'd)

When the calculation results in a fraction of a mile, always round up to the next whole mile. Then multiply the per mile rate by the mileage quantity.

There is no mileage charge for circuits which have zero mileage.

8.3.5 Rates and Charges

8.3.5.1 Monthly Rates

	USOC	Monthly Rate	
(A) Local Distribution Channel (per point of termination)			
(1) Analog 2 Wire - All States	T6E2X	\$24.55	
(2) Analog 4 wire - All States	T6E4X	\$39.84	
(3) 9.6 Kbps Digital - All States	T6ELS	\$83.00	N N
(4) 56 Kbps Digital - All States	T6ECS	\$107.95	T

(TR690)

Issued: January 19, 1993

Effective: March 5, 1993

Director, Federal Regulatory, 4F20
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.5 Rates and Charges (Cont'd)

8.3.5.1 Monthly Rates (Cont'd)

	USOC	Monthly Rate	
(B) (1) Analog Channel Mileage Termination			T
- Per point of Mileage Termination			
- All States	CM6	\$14.27	
(2) 9.6 Kbps Digital Channel Mileage Termination			N
- Per Point of Mileage Termination			
- All States	CM6	\$14.27	N
(3) 56 Kbps Digital Channel Mileage Termination			T
- Per point of Mileage Termination			
- All States	CM6	\$14.27	
(C) (1) Analog Channel Mileage			
- Per Mile			
- All States	1L5XX	\$ 1.11	
(2) 9.6 Kbps Digital Channel Mileage			N
- Per Mile			
- All States	1L5XX	\$ 1.11	N
(3) 56 Kbps Digital Channel Mileage			T
- Per Mile			
- All States	1L5XX	\$1.11	

(TR690)

Issued: January 19, 1993

Effective: March 5, 1993

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.5 Rates and Charges (Cont'd)

8.3.5.1 Monthly Rates (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge	
(D) DNAL Termination				
(1) Basic Rate (CSFC, ANRS, SS7) (2 wire, 4 wire or 56 Kbps) - All States	TAKXX	None	None	
(2) 1200 Baud Analog SMDI - All States				
- Monthly	TAK1X	\$250.00	\$1,400.00	
- 36 Month	TAK1X	190.00	1,400.00	
- 60 Month	TAK1X	170.00	1,400.00	
(3) 9600 Baud Analog SMDI				N
- All States				
- Monthly	TAKNX	450.00	2,500.00	
- 36 Month	TAKNX	350.00	2,500.00	N
- 60 Month	TAKNX	325.00	2,500.00	
(4) 1200 Baud Analog Alarm				T
- All States				
- Monthly	TB61X	21.10	None	
(5) 9.6 Kbps ASCAI				T
- All States				
- Monthly	TAKZX	135.50	5,700.00	
(6) 56 Kbps Digital ASCAI				T
- All States				
- Monthly	TAK9X	171.00	5,770.00	

(TR869)

Issued: March 6, 1995

Effective: April 20, 1995

Director, Federal Regulatory Planning & Policy, 4G62
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.5 Rates and Charges (Cont'd)

8.3.5.1 Monthly Rates (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge	
(E) Features and Functions				
(1) Make Busy Arrangement - All States	DXV	\$ 5.10	\$13.50	
(2) Remote Activation of Message Waiting -All States				
- SMDI				
- Per office	RM4PO	25.00	38.00	
- SMDI-E				
- Per DNAL	RJEPG	250.00	38.00	
- Alternate Network Delivery				(N)
- SMDI-E				
- Per DNAL		250.00	38.00	(N)
(3) Call History Package Delivery				
- All States				
- SMDI				
- Per office	MBHPO	37.00	95.00	
- SMDI-E				
- Per DNAL	MJEPG	160.00	95.00	

(This page filed under Transmittal No. 1484)

Issued: July 14, 2005

Effective: July 15, 2005

One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.5 Rates and Charges (Cont'd)

8.3.5.1 Monthly Rates (Cont'd)

(E) Features and Functions (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge
(4) Simplified Message Desk Interface - Expanded Per DNAL			
- Monthly	SOEPG	\$7,375.00	\$2,500.00
- 36 Months	SOEPG	2,725.00	2,500.00
- 60 Months	SOEPG	1,800.00	2,500.00
(5) Bridging Two Wire Data Bridge			
- Per Port			
- Illinois and Ohio	BCND2	5.93	None

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(TR888)

Issued: June 13, 1995

Effective: July 28, 1995

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.5 Rates and Charges (Cont'd)

8.3.5.1 Monthly Rates (Cont'd)

(E) Features and Functions (Cont'd)

	USOC	Monthly Rate	Nonrecurring Charge
(7) Coordinated Voice and Data - All States - Per DNAL	NR62C	None	\$10,920.00
(8) Call Redirection - All States - Per DNAL	NR62D	None	None
(9) Computer Assisted Call Transfer - All States - Per DNAL	NR62E	None	6,555.00
(10) Computer Assisted Dialing - All States - Per DNAL	NR62F	None	730.00

(TR690)

Issued: January 19, 1993

Effective: March 5, 1993

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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.3 Dedicated - Network Access Link (DNAL) (Cont'd)

8.3.5 Rates and Charges (Cont'd)

8.3.5.2 Nonrecurring Charges

	Administrative Charge, per order	Design and Central Office Connection Charge, per circuit	Customer Connection Charge, per termination
Analog Local Distribution Channel	ORCMX	NRBCL	NRBBL
- All States	\$50.00	\$150.00	\$250.00
9.6 Kbps Digital DNAL			
- All States	50.00	150.00(R)	250.00(R)
56 Kbps Digital DNAL			
- All States	50.00	225.00	250.00(R)

Rates contained in this transmittal are subject to subsequent adjustment, effective retrospectively, in the event the Commission or a court subsequently authorizes Ameritech to correct its rates pursuant to pending motions, or petitions for reconsideration or waiver, or in the event of any other adjustment to an order of the Commission or a court.

(This page filed under Transmittal No. 1270)

Issued: June 18, 2001

Effective: July 3, 2001

One Bell Plaza, Dallas, Texas 75202

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ACCESS SERVICE**8. Specialized Network Services (Cont'd)****8.4 Ameritech Advanced Video Service****8.4.1 General Description****(A) Basic Service Description**

Ameritech Advanced Video Service (AAVS) provides bi-directional point-to-point or point-to-multipoint video transmission that complies with National Television System Committee (NTSC) 525 line/60 field color video signals and up to four associated audio signals from a customer premises to a Telephone Company video switch port where it can be connected via another AAVS service to other customer designated premises.

It is capable of operation in the following modes:

- Point-to-point broadcast (one way)
- Point-to-point interactive (two way)
- Point-to-multipoint broadcast (one to more than one)
- Point-to-multipoint interactive (one to more than one two way) with continuous viewing capability for up to four participants

This service gives a customer designated system administrator remote access ability to initiate and terminate video transmission via a Telephone Company provided scheduling and reservation system. The point-to-multipoint interactive mode allows up to four participating customer designated premises to be on the circuit via the connection of multiple AAVS services at the Telephone Company hub. Several operational options are possible:

- Rotating Conference Control (Conference leader determines who everyone will see)
- Continuous presence at all locations (up to four sites)
- Lecture Control (Lecturer selects dominant site)
- Conference leader is seen by all and can choose which participants others will view

Ameritech Advanced Video Service is only offered from Telephone Company central offices where facilities permit. Where facilities are not available, Special Construction may apply.

(B) Technical Specifications

The technical specifications for AAVS are described in Technical Reference AM-TR-NIS-000128.

ACCESS SERVICE**8. Specialized Network Services (Cont'd)****8.4 Ameritech Advanced Video Service (Cont'd)****8.4.1 General Description (Cont'd)****(C) Network Channel Interfaces**

The following network channel interfaces (CIs) define the bandwidth and the provision of the audio signals associated with AAVS:

CI	Audio Bandwidth	Provision
08TV615	15 KHz	1 or 2 Channels, diplexed
08TV615A	15 KHz	1,2,3 or 4 Channels, diplexed

8.4.2 Rate Categories**(A) AAVS Ports**

AAVS ports provide for the AAVS video switch, the customer's first 80 hours of AAVS video switch usage and the two-way transmission of AAVS video and audio signals from the customer's premises to the video switch where it can be connected to other AAVS customer premises. A flat monthly charge applies per port as set forth in Section 8.4.4(A).

(B) AAVS Usage

AAVS usage is composed of two different rate categories, AAVS Interswitch Usage and AAVS Facility Usage. AAVS Interswitch Usage provides for the interstate interoffice transport between video switches. AAVS Interswitch Usage applies to all hours of AAVS usage where the video signal is transported between two video switches in different states. AAVS Facility Usage provides for the customer's AAVS facility usage greater than 80 hours. Both types of AAVS usage are charged for on an hourly basis per each port. AAVS Facility Usage rates are set forth in Section 8.4.4(B) and AAVS Interswitch Usage rates are set forth in Section 8.4.4(C).

8.4.3 Rate Regulations

There are three different types of AAVS rates and charges. These are monthly rates, hourly rates and nonrecurring charges and are described below.

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that AAVS is provided. For billing purposes, each month is considered to have 30 days.

(TR937)

Issued: January 11, 1996

Effective: February 25, 1996

ACCESS SERVICE**8. Specialized Network Services (Cont'd)****8.4 Ameritech Advanced Video Service (Cont'd)****8.4.3 Rate Regulations (Cont'd)****(B) Hourly Rates**

AAVS hourly usage rates are flat recurring rates that apply each hour or fraction thereof that AAVS is provided.

(C) Nonrecurring Charge

The nonrecurring charge for Ameritech Advanced Video Service is a onetime charge that applies for the installation of each new AAVS video service. The nonrecurring charge provides for the service order functions, design functions, central office connection and customer connection functions.

(D) Minimum Period

The minimum service period for AAVS is 12 months. A Termination Charge will apply to each AAVS port that is disconnected prior to the expiration of the minimum service period. The Termination Charge is one half of the remaining fixed monthly recurring AAVS Port charges that would have been incurred by the customer if their AAVS service had remained in service for the entire minimum service period.

(E) AAVS Optional Payment Plan (OPP)**(1) General**

The AAVS Optional Payment Plan is a provision that allows a customer to select Ameritech Advanced Video Service Port charges over a 12, 36, or 60 month payment period. Monthly rates for AAVS Ports installed under this Payment Plan will change as Telephone Company initiated rate changes become effective but during the OPP term will not exceed the monthly rate in effect at the beginning of the customer's OPP term.

During the term of the selected OPP, Telephone Company initiated rate changes (increases or decreases) will automatically be applied to the monthly payments for the remaining months of the current OPP term. But in no case will any rate change cause the monthly rate during the OPP term to exceed that in effect at the beginning of the customer's OPP term.

Ameritech Advanced Video Service rates and charges for which the OPP is available are listed in 8.4.4 following.

Customers subscribing to the OPP will be subject to nonrecurring charges as specified in 8.4.4 for installation of service covered by the plan. The nonrecurring charges will not be spread over the OPP term.

(TR937)

Issued: January 11, 1996

Effective: February 25, 1996

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.4 Ameritech Advanced Video Service (Cont'd)

8.4.3 Rate Regulations (Cont'd)

(E) AAVS Optional Payment Plan (OPP) (Cont'd)

(1) General (Cont'd)

At the expiration of the OPP term and if the customer wishes to continue AAVS, the customer may select a new OPP at the prevailing OPP rate. If a customer does not wish to renew the OPP at the expiration of the term, the customer's service will automatically convert to the month-to-month rates.

(2) Prepayment of an AAVS OPP

A customer may, at any time during an OPP term, elect to prepay the remaining AAVS monthly Port charges for the rest of the OPP term. The monthly recurring fixed rate for AAVS port may be prepaid for periods of twelve, thirty-six or sixty months. Recurring port charges will cease for the rest of the term and start up again at the end of the OPP if service has not been disconnected. The prepayment charges in no way constitute a purchase and the Telephone Company retains all ownership of all equipment covered by prepayment. The following conditions apply;

- (a) Customers who prepay will have an allowance applied. The prepayment will be calculated using the loan amortization method at the annual rate specified using the Telephone Company's long term cost of capital. The allowance will be based on the number of months of the prepayment period. The prepayment amount (principle) is the total outstanding recurring charges less the payment allowance.
- (b) Customers who prematurely disconnect their service before the expiration of the OPP term, will have Termination charges deducted from the prepayment amount and any balances for the unused portion of the OPP term credited to their bill.
- (c) Monthly recurring usage rates per hour of use will continue to apply for all AAVS usage.
- (d) Once a customer selects the prepayment option, the prepaid amount is not adjusted for company initiated rate changes that occur during the period for which the customer has prepaid.

(TR937)

Issued: January 11, 1996

Effective: February 25, 1996

Director, Federal Regulatory Planning & Policy, 4G62
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.4 Ameritech Advanced Video Service (Cont'd)

8.4.3 Rate Regulations (Cont'd)

(E) Optional Payment Plan (OPP) (Cont'd)

(3) OPP Termination Liabilities

Customers requesting termination of service prior to the expiration date of the OPP term will be liable for a Termination Charge. The Termination Charge for all OPP terms will be calculated as follows:

The dollar difference between the current OPP rate for the OPP term that could have been completed during the time the service was actually in service, or the monthly rate for services in place less than 12 months, and the customer's current OPP rate for each month the service was provided.

For example, a customer subscribed to a 60 month OPP term and disconnected service during the 37th month. This customer's Termination Charge would be:

$$[36 \text{ month OPP Rate} - 60 \text{ month OPP rate}] \times 37 = \text{Termination Charge.}$$

The 36 month OPP term could have been completed during the months the service was actually in service.

All Termination Charges will be based on the OPP rates in effect at the time of termination.

Termination Liability charges for all OPP terms may, at the customer's request, be charged as described above or pay a percentage of the monthly charges for the remainder of the term as indicated below:

OPP Terms in Months	Termination Percentage
12	85
36	75
60	60

(4) Conversion of AAVS Service to New OPP

During a customer's OPP term, conversion may be made to a new OPP term of a different length. If the expiration date for the OPP term is beyond the end of the original OPP term, the remaining OPP charges for the original term will not apply. If no physical changes are made to the service, the nonrecurring charges will not apply.

(TR937)

Issued: January 11, 1996

Effective: February 25, 1996

Director, Federal Regulatory Planning & Policy, 4G62
2000 W. Ameritech Center Drive
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ACCESS SERVICE

8. Specialized Network Services (Cont'd)

8.4 Ameritech Advanced Video Service (Cont'd)

8.4.4 Rates and Charges

	USOC	Monthly	12 Mo.	36 Mo.	60 Mo.	Nonrecurring Charge
(A) AAVS Port						
Per Port						
- All States	V8P	\$2,660.00	\$2,660.00	\$2,420.00	\$2,200.00	\$1,000.00
	USOC	Monthly				
(B) AAVS Facility Usage						
Per Hour						
After the First						
80 Hours						
Each Month						
- All States	V8UAH	\$15.00				
(C) AAVS Interswitch Usage						
Per Hour						
- All States	10X8X	\$20.00				

(TR937)

Issued: January 11, 1996

Effective: February 25, 1996

Director, Federal Regulatory Planning & Policy, 4G62
 2000 W. Ameritech Center Drive
 Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE**8. Specialized Network Services (cont'd)****8.5 Ameritech Frame Relay****8.5.1 General Description**

Ameritech Frame Relay is a low to medium speed, statistically multiplexed packet data service. It is a connection-oriented data service that relays variable length frames (packets) across Permanent Virtual Connections (PVCs).

Ameritech Frame Relay is available to customers through the following:

- User-to-Network Interface (UNI) Connection
- Network-to-Network Interface (NNI) Connection
- Hubbed User-to-Network Interface (H UNI) Connection
- Hubbed Network-to-Network Interface (H NNI) Connection
- Permanent Virtual Connections (PVC)

Technical references for Ameritech Frame Relay are found in AM TR-NIS-000091.

8.5.1.1 Ameritech Frame Relay Service Availability, Limitations and Conversions

Ameritech Frame Relay is limited to circuits in place as of October 27, 1999, and will be available only until July 4, 2000, at which time the service will no longer be available other than through Ameritech's subsidiary, Ameritech Advanced Data Services, Inc. (AADS). Existing customers requesting changes to their existing circuits will be referred to AADS as will customers requesting new service activation. All existing customers have the option of continuing their service with AADS under the same terms and conditions they currently receive. Customers who are currently served under an OPP and who choose service with AADS will continue to pay the same rates as specified under the OPP and will be subject to the existing Terms and Conditions as described under the OPP until the end of the OPP term.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.2 Frame Relay Access Arrangements

The service is comprised of two public interfaces; a User-to-Network Interface (UNI) and a Network-to-Network Interface (NNI).

- (A) The UNI is a public interface which provides connectivity between customer premises equipment, excluding frame relay switches, and a frame relay switch.
- (B) The NNI is a public interface which provides connectivity between frame relay switches.
- (C) PVC's are the end-to-end, bi-directional, logical channels that connect one frame relay switch port to another frame relay switch port as requested by the customer.

Ameritech Frame Relay UNI Connections and NNI Connections are available to customers from designated Frame Relay Service Points (FRSPs) at locations specified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

Hubbed UNI Connections are available to customers from designated Frame Relay Service Access Points (FRSAPs) at locations specified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

Hubbed NNI Connections are available to customers from designated Frame Relay Service Access Points (FRSAPs) at locations specified in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

8.5.2 Frame Relay Access Arrangements (cont'd)

The dedicated channel which connects a customer's premises to an FRSP will be rated as a Local Distribution Channel (LDC). When the customer's serving wire center is not a designated FRSP location, Channel Mileage Termination (CMT) and Channel Mileage (CM) will apply from the customer's serving wire center to the closest FRSP. Optional Features and Functions as described in 7.2.9 (B) (4) preceding are also available with their channels and transport facilities.

When the customer requests either a Hubbed UNI Connection or a Hubbed NNI Connection, the customer must obtain the appropriate dedicated channel between their premises and the closest FRSAP. The customer must provide the Connecting Facility Assignment (CFA) to the Telephone Company at either a DS0 level or at the appropriate interface level in the case of higher speed multiplexing. Either a Hubbed UNI Connection Cross-connect or a Hubbed NNI Connection Cross-connect will apply to each dedicated channel connected at the FRSAP.

When utilizing DS1 Service as a component in Frame Relay, it must be ordered with the "Clear Channel Capability" option as described in 7.2.9 (B) (4) (c) preceding.

(T)

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

T

8.5.3 Service Elements

(A) Committed Information Rate (CIR)

CIR represents the base-level bandwidth on a specific PVC by which the data is sent through the network. This bit rate is lower than or equal to the bit rate of the associated UNI or NNI connection and allows customers to reserve bandwidth on a per PVC basis in order to prioritize critical data.

(B) Permanent Virtual Connections (PVCs)

PVCs are the end-to-end, bi-directional logical channels that connect UNIs or NNIs within the Ameritech Frame Relay network as requested by the customer. PVCs are made up of Logical Circuit Identifiers (where a Logical Circuit Identifier is defined as the virtual circuit number which corresponds to a particular destination on the logical path) and correctly route customer's data between end locations. Multiple PVCs can be established over a single physical access circuit, providing a single access line the capability to transmit data to multiple destinations. PVCs are defined in software tables and do not tie-up capacity when not in use.

(C) Oversubscription

Oversubscription allows the cumulative total Committed Information Rate of the PVCs associated with single UNIs or NNIs to exceed the bit rate of that UNI or NNI. When this occurs, there is no guarantee that the bandwidth defined for any PVC will be available at any given time.

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

T

8.5.3 Service Elements (cont'd)

(D) UNI Connection

UNI Connection provides a frame relay UNI from a designated Frame Relay Service Point (FRSP). The customer must obtain the appropriate dedicated channel between their premises and the closest FRSP per 8.5.7 following.

UNI Speed	Available CIR
56 Kbps	0, 8, 9.6, 16, 19.2, 28, 32 and 56 Kbps
64 Kbps	0, 8, 9.6, 16, 19.2, 28, 32, 56 and 64 Kbps
128 Kbps *	0, 8, 9.6, 16, 19.2, 28, 32, 64 and 128 Kbps
256 Kbps *	0, 8, 9.6, 16, 19.2, 28, 32, 64, 128, 192 and 256 Kbps
384 Kbps *	0, 8, 9.6, 16, 19.2, 28, 32, 64, 128, 192, 256, 320 and 384 Kbps
1.544 Mbps	0, 8, 9.6, 16, 19.2, 28, 32, 64, 128, 192, 256, 320, 384, 448, 512, 576, 640, 704, 768, 832, 896 and 960 Kbps
	1.024, 1.088, 1.152, 1.216, 1.280, 1.344, 1.408, 1.472, 1.536 and 1.544 Mbps
44.736 Mbps	0, 8, 9.6, 16, 19.2, 28, 32, 64, 128, 192, 256, 320, 384, 448, 512, 576, 640, 704, 765, 832, 896 and 960 Kbps
	1.024, 1.088, 1.152, 1.216, 1.280, 1.344, 1.408, 1.472, 1.536, 1.544, 3.088, 4.632, 6.176, 7.720, 9.264, 10.808, 12.350, 13.896, 15.440, 16.984, 18.528 and 20.072 Mbps

* These UNIs are available on a limited basis where facilities and conditions permit.

(E) NNI Connection

NNI Connection provides a frame relay NNI from a designated Frame Relay Service Point (FRSP). NNI Connections are available at 56 Kbps, 64 Kbps, 1.544 and 44.736 Mbps. The customer must obtain the appropriate dedicated channel between their premises and the closest FRSP per 8.5.7 following.

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.3 Service Elements (cont'd)

(F) Hubbed UNI Connection

Hubbed UNI Connection allows a customer to cross-connect a frame relay UNI to a higher speed service at a designated Frame Relay Service Access Point (FRSAP) location. Hubbed UNI Connections are available at 56 Kbps, 64 Kbps, 1.544 Mbps and 44.736 Mbps and require the Cross-Connect Function per 8.5.7 following.

(G) Hubbed NNI Connection

Hubbed NNI Connection allows a customer to cross-connect a frame relay NNI to a higher speed service at a designated Frame Relay Service Access Point (FRSAP) location. Hubbed NNI Connections are available at 56 Kbps, 64 Kbps, 1.544 and 44.736 Mbps, and require the Cross-Connect Function per 8.5.7 following.

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

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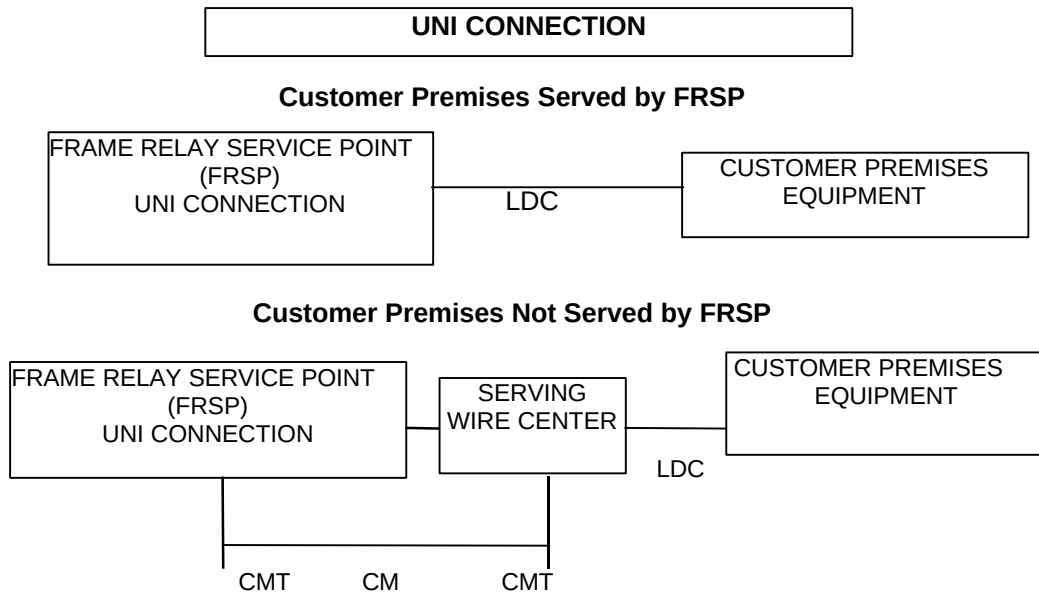
ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.3 Service Elements (cont'd)



/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

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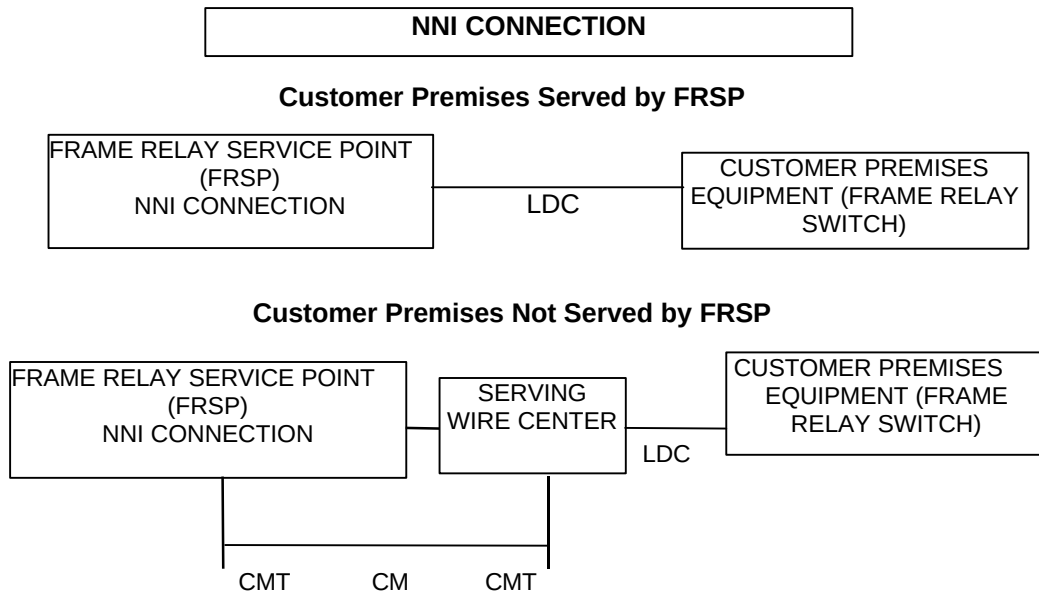
ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.3 Service Elements (cont'd)



/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

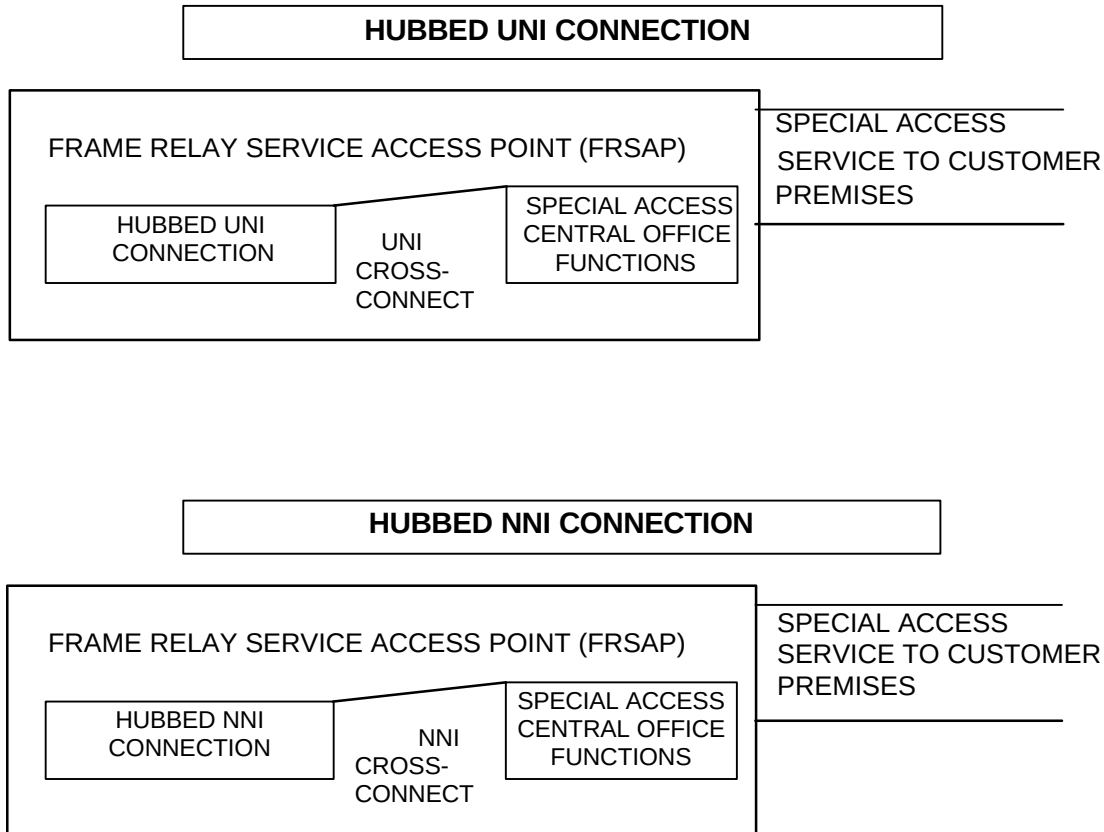
ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.3 Service Elements (cont'd)



/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
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ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.4 Rate Regulations

Ameritech Frame Relay is available at the option of the Company where facilities permit. If appropriate facilities are not available, Special Construction charges may apply.

The customer must specify the Committed Information Rate (CIR) and the Permanent Virtual Connection (PVC) mapping at the time the service is ordered.

The customer shall provide compatible equipment (Router, Data Service Units (DSUs)/Channel Service Units (CSUs), etc.), in accordance with interface specifications necessary to connect to the frame relay equipment as developed by the Frame Relay Forum, ANSI and ITU-T committees. This equipment is responsible for all error correction that may be required when the frame relay network discards frames.

Ameritech Frame Relay is available only from wire centers designated as either FRSPs or FRSAPs. If a customer's serving wire center is not a designated FRSP or FRSAP, Channel Mileage (CM) from the customer's serving wire center to the nearest FRSP or FRSAP will be required.

The customer shall designate both ends of the PVC's which need to communicate with one another, and these PVC's are then provisioned through the network.

Ameritech Frame Relay allows oversubscription of Committed Information Rate as follows:

(A) Oversubscription of up to 200% is allowed on the UNI.

(B) Oversubscription of up to 200% is allowed on the NNI.

The minimum service period for Ameritech Frame Relay is 12 months.

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

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8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.4 Rate Regulations (cont'd)

A Change Charge will be applied whenever a change is made to the customer's network map, including changes to CIR or remapping PVC's. Only one Change Charge will apply for multiple changes made at the same time to the same UNI or NNI. Each order can be for a maximum of 20 changes.

Due dates for service installation or changes will be assigned as specified in Ameritech Interval Guide AM TR-MK- 000066.

Cancellation of an application for Ameritech Frame Relay may result in charges to the customer as shown in 8.5.7 following. Cancellation of dedicated services associated with Ameritech Frame Relay may result in charges as described in Section 5.2.3 preceding.

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A customer may delay an order at any time prior to the three calendar days immediately prior to the due date without penalty. If the delay is within three calendar days, a Customer Requested Order Delay Charge will apply.

If a customer is not ready on the due date and has not requested a delay prior to the due date, the service will commence on the due date originally established.

A customer may change CIR or PVC speed at any time prior to the three calendar days immediately prior to the due date without penalty. If the change is within three days, a Change Charge and an Administrative Charge will apply.

The customer can upgrade or downgrade CIR speed at any time without termination liability. A Change Charge and Administrative Charge will apply.

Ameritech will perform routine maintenance as required to reasonably maintain service performance. Outages shall also be required to provide hardware, software and facility upgrades. Such upgrades shall occur between 2 am and 6 am on Sundays (Central Standard Time [CST]). Additional maintenance may be necessary and will be scheduled at mutually agreeable times.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

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ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.5 Optional Features

(A) Additional Permanent Virtual Connections

Allow the subscription of additional PVCs to the UNI or NNI connection subject to technical constraints that may be set due to limitations of switching equipment.

(B) Diverse Routing

Special Facility Routing as described in Section 11 following is available for use in establishing diverse access arrangements to alternate FRSP or FRSAP locations.

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

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ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.6 Types of Rates and Charges

8.5.6.1 Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for specific installed services. The nonrecurring charges that apply for installation of Ameritech Frame Relay are described in (A) through (E) following. Application of nonrecurring charges for service rearrangements vary depending on the service rearrangement and are described in (A) through (F) following.

(A) Administrative Charge

The Administrative Charge applies any time a customer initiates an order for service. This charge applies once per customer order, as described in Section 5.1 preceding. The nonrecurring Administrative Charge for Ameritech Frame Relay is set forth in 8.5.7 following.

(B) Design and Central Office Connection Charge

The Design and Central Office Connection Charge applies to each frame relay service installed, and is charged once per dedicated channel. The nonrecurring Design and Central Office Connection Charge for Ameritech Frame Relay is set forth in 8.5.7 following.

(C) Customer Connection Charge

The Customer Connection Charge applies once per Local Distribution Channel. The nonrecurring Customer Connection Charge for Ameritech Frame Relay is set forth in 8.5.7 following.

(D) Cancellation of Application for Service Charge

The Cancellation of Application for Service Charge applies once for each UNI or NNI connection ordered but not installed. The nonrecurring Cancellation of Application for Service Charge for Ameritech Frame Relay is set forth in 8.5.7 following.

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.6 Types of Rates and Charges (cont'd)

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8.5.6.1 Nonrecurring Charges (cont'd)

(E) Customer Requested Order Delay Charge

The Customer Requested Order Delay Charge applies once per UNI or NNI connection whose Installation is delayed per a customer request. The nonrecurring Customer Requested Order Delay Charge for Ameritech Frame Relay is set forth in 8.5.7 following.

(F) Change Charge

The Change Charge applies whenever a change is made to the customer's network map. Up to 20 changes may be requested per order. The nonrecurring Change Charge for Ameritech Frame Relay is set forth in 8.5.7 following.

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.6 Types of Rates and Charges (cont'd)

8.5.6.2 Optional Payment Plan (OPP)

Ameritech Frame Relay is available under an Optional Payment Plan (OPP) whereby customers may elect to pay a fixed rate for a 12, 36 or 60 month period. After the minimum period is satisfied, the 12 month rate will apply unless a new OPP is selected. During the term of the selected OPP, Company initiated rate changes (increases or decreases) will automatically be applied to the monthly payments for the remaining months of the current OPP term. But in no case will any rate change cause the monthly rate during the OPP term to exceed that in effect at the beginning of the customers OPP term. Frame Relay Optional Payment Plan (OPP) vintage rates as described in 8.5.8 following are those rates that apply to existing services provided under an OPP term in the event the Telephone Company initiates a rate increase.

Customers subscribing to the OPP will be subject to nonrecurring charges as specified in 8.5.7 for installation and rearrangements of service covered by the plan. The nonrecurring charges will not be spread over the OPP term. If the customer subscribes to the OPP on an existing service with no other changes, no nonrecurring charges will apply.

When ordering the associated Special Access circuit for a frame relay service, the Optional Payment Plan for the Special Access circuit will be assigned to be coincidental with the frame relay Optional Payment Plan.

At the expiration of the OPP term and if the customer wishes to continue Ameritech Frame Relay, the customer may select a new OPP at the prevailing OPP rate. If the customer does not wish to renew the OPP at the expiration of the term, the customer's service will automatically convert to the 12 month rate.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.6 Types of Rates and Charges (cont'd)

8.5.6.3 Prepayment of an OPP

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A customer may, at any time during an OPP term, elect to prepay the remaining monthly charges for the rest of the term. The prepayment amount will be adjusted for the time value of money. Recurring charges will cease for the rest of the term and start up again at the end of the OPP if service has not been disconnected. If prepayment has been elected and the service is disconnected prior to the end of the OPP term, a credit for the unused portion of the OPP term, adjusted for the time value of money, will be given to the customer. Termination charges will still be applicable. Once a customer selects the prepayment option, the prepaid amount is not adjusted for Company initiated rate changes that occur during the period for which the customer has prepaid.

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/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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Certain material formerly appeared on 1st Revised Page 454.47.

(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
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Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.6 Types of Rates and Charges (cont'd)

8.5.6.4 Additions to Frame Relay Serving Arrangements

A subsequent order to add additional connections to an existing frame relay arrangement must be for a period of 12, 36 or 60 months or for the remainder of the existing Frame Relay OPP provided that the existing OPP has a minimum of 12 months remaining.

8.5.6.5 Termination Liabilities

Customers requesting termination of service prior to the expiration date of the OPP term will be liable for a termination charge. The termination charge will be calculated as follows:

The dollar difference between the current OPP rate for the OPP term that could have been completed during the time the service was actually in service, or the entire 12 month OPP rate for a service in place less than 12 months, and the customers current OPP rate for each month the service was provided.

For example, a customer subscribed to a 60 month OPP term and disconnected service during the 37th month. This customer's termination charge would be:

$[36 \text{ month OPP Rate} - 60 \text{ month OPP rate}] \times 37 = \text{Termination Charge.}$

The 36 month OPP term could have been completed during the months the service was actually in service.

All termination charges will be based on the OPP rates in effect at the time of termination.

8.5.6.6 Credit Allowance

A Credit Allowance will be given for an interruption to Ameritech Frame Relay according to Section 2.4.4 preceding.

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(TR1215)

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ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

8.5.7 Rates and Charges

UNI Connection	USOC	Non-recurring Charge	Monthly Payment Optional Payment Plan			
			12 Month	36 Month	60 Month	
-Per UNI						
56 Kbps	UN9NX	\$ 250.00	\$130.00	\$ 115.00	\$ 95.00	
64 Kbps	UN9QX	250.00	130.00	115.00	95.00	
128 Kbps	UN9BX	350.00	200.00	165.00	145.00	
256 Kbps	UN9DX	350.00	300.00	250.00	215.00	
384 Kbps	UN9EX	350.00	385.00	315.00	275.00	
1.544 Mbps	UN9JX	350.00	465.00	375.00	350.00	
44.736 Mbps	UN93X	3,000.00	3,700.00	3,550.00	3,250.00	
-Per LDC						
56 Kbps	T6ECS	Base Rate Service rates as specified in 7.5.9 apply.				(T)
64 Kbps	T6ECS	Base Rate Service rates as specified in 7.5.9 apply.				(T)
1.544 Mbps	TZ4X+	DS1 Service rates as specified in 7.5.9 apply, or				(T)
	TWBZ+	if utilizing “Shared Facility Channel Service” in conjunction with DS1 Service.				(T)
44.736 Mbps	PCG3+	DS3 Service rates as specified in 7.5.9 apply.				(T)
DS3 Service Channel						
- Per Termination	HZ4X+	DS3 Service rates as specified in 7.5.9 apply.				(T)

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

(This page filed under Transmittal No. 1357)

Issued: October 6, 2003

Effective: October 21, 2003

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

8.5.7 Rates and Charges (cont'd)

UNI Connection (cont'd)	USOC	Non-recurring Charge	Monthly Payment Optional Payment Plan		
			12 Month	36 Month	60 Month
Channel Mileage Termination					
- Per Point of Termination					
56 Kbps	CM6	Base Rate	Service rates as specified in 7.5.9 apply.		(T)
64 Kbps	CM6	Base Rate	Service rates as specified in 7.5.9 apply.		(T)
128, 256, 384 Kbps and 1.544 Mbps	CZ4X+ CZ4Z+	DS1	Service rates as specified in 7.5.9 apply, or if utilizing "Shared Facility Channel Service" in conjunction with DS1 Service.		(T)
44.736 Mbps	CZ4X+	DS3	Service rates as specified in 7.5.9 apply.		(T)
Channel Mileage					
- Per mile					
56 Kbps	1L5XX	Base Rate	Service rates as specified in 7.5.9 apply.		(T)
64 Kbps	1L5XX	Base Rate	Service rates as specified in 7.5.9 apply.		(T)
128, 256, 384 Kbps and 1.544 Mbps	1YZX+ 1YZZ+	DS1	Service rates as specified in 7.5.9 apply, or if utilizing "Shared Facility Channel Service" in conjunction with DS1 Service.		(T)
44.736 Mbps	1YZX+	DS3	Service as specified in 7.5.9 apply.		(T)

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

((This page filed under Transmittal No. 1357))

Issued: October 6, 2003

Effective: October 21, 2003

One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.7 Rates and Charges (cont'd)

Hubbed UNI Connection	USOC	Non-recurring Charge	Monthly Payment Optional Payment Plan			TM
			12 Month	36 Month*	60 Month*	
- Per Hubbed UNI						
56 Kbps	UNW5X	\$ 250.00	\$ 130.00	\$ 115.00	\$ 95.00	
64 Kbps	UNWOX	250.00	130.00	115.00	95.00	
1.544 Mbps	UNW7X	350.00	465.00	375.00	350.00	
44.736 Mbps	UNW8X	3,000.00	3,700.00	3,550.00	3,250.00	
- Per Hubbed UNI						
Cross-Connect						
56 Kbps	FCCUY	200.00	-	-	-	T
64 Kbps	FCCUY	200.00	-	-	-	
1.544 Mbps	FCCUH	200.00	-	-	-	
44.736 Mbps	FCCUZ	200.00	-	-	-	T

* For 36 and 60 month Optional Payment Plans subscribed to prior to April 15, 1998, see Section 8.5.8 following.

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/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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Certain material formerly appeared on 2nd Revised Page 454.49.1.

(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

8.5.7 Rates and Charges (cont'd)

NNI Connection	USOC	Non-recurring Charge	Monthly Payment Optional Payment Plan			
			12 Month	36 Month	60 Month	
- Per NNI						
56 Kbps	NN9NX	\$ 250.00	\$ 130.00	\$ 115.00	\$ 95.00	
64 Kbps	NN9QX	250.00	130.00	115.00	95.00	
1.544 Mbps	NN9JX	350.00	465.00	375.00	350.00	
44.736 Mbps	NN93X	3,000.00	3,700.00	3,550.00	3,250.00	
- Per LDC						
56 Kbps	T6ECS	Base Rate Service rates as specified in 7.5.9 apply.			(T)	
64 Kbps	T6ECS	Base Rate Service rates as specified in 7.5.9 apply.			(T)	
1.544 Mbps	TZ4X+	DS1 Service rates as specified in 7.5.9 apply, or			(T)	
TWBZ+		if utilizing "Shared Facility Channel Service" in conjunction with DS1 Service.			(T)	
44.736 Mbps	PCG3+	DS3 Service rates as specified in 7.5.9 apply.			(T)	
DS3 Service Channel						(T)
- Per Termination	HZ4X+	DS3 Service rates as specified in 7.5.9 apply.				

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

(This page filed under Transmittal No. 1357)

Issued: October 6, 2003

Effective: October 21, 2003

One SBC Plaza, Dallas, Texas 75202

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

8.5.7 Rates and Charges (cont'd)

NNI Connection (cont'd)	USOC	Non-recurring Charge	Monthly Payment Optional Payment Plan		
			12 Month	36 Month	60 Month
Channel Mileage Termination					
- Per Point of Termination					
56 Kbps	CM6	Base Rate Service rates as specified in 7.5.9 apply.			(T)
64 Kbps	CM6	Base Rate Service rates as specified in 7.5.9 apply.			(T)
1.544 Mbps	CZ4X+	DS1 Service rates as specified in 7.5.9 apply, or			(T)
	CZ4Z+	if utilizing "Shared Facility Channel Service" in conjunction with DS1 Service.			(T)
44.736 Mbps	CZ4X+	DS3 Service rates as specified in 7.5.9 apply.			(T)
Channel Mileage					
- Per mile					
56 Kbps	1L5XX	Base Rate Service rates as specified in 7.5.9 apply.			(T)
64 Kbps	1L5XX	Base Rate Service rates as specified in 7.5.9 apply.			(T)
1.544 Mbps	1YZX+	DS1 Service rates as specified in 7.5.9 apply, or			(T)
	1YZZ+	if utilizing "Shared Facility Channel Service" in conjunction with DS1 Service.			(T)
44.736 Mbps	1YZX+	DS3 Service as specified in 7.5.9 apply.			(T)

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ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

8.5.7 Rates and Charges (cont'd)

Hubbed NNI Connection	USOC	Non-recurring Charge	Monthly Payment Optional Payment Plan			T
			12 Month	36 Month	60 Month	
- Per Hubbed NNI						
56 Kbps	NNH5X	\$ 250.00	\$ 125.00	\$ 100.00	\$ 85.00	
64 Kbps	NNHOX	250.00	125.00	100.00	85.00	
1.544 Mbps	NNH7X	350.00	350.00	300.00	275.00	
44.736 Mbps	NNH8X	3,000.00	3,700.00	3,550.00	3,250.00	
- Per Hubbed NNI Cross-Connect						
56 Kbps	FCCNY	200.00	-	-	-	T
64 Kbps	FCCNY	200.00	-	-	-	
1.544 Mbps	FCCNH	200.00	-	-	-	
44.736 Mbps	FCCNZ	200.00	-	-	-	T M

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Certain material formerly appeared on 1st Revised Page 454.50.1.

(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.7 Rates and Charges (cont'd)

Per PVC at CIR	USOC	Non-recurring Charge	Monthly Payment Optional Payment Plan		
			12 Month	36 Month	60 Month
0 Kbps	LXKXX	\$12.00	\$ 7.00	\$ 7.00	\$ 7.00
8 Kbps	LXQKX	12.00	10.00	10.00	10.00
9.6 Kbps	LXKKX	12.00	11.00	11.00	11.00
16 Kbps	LXKOX	12.00	12.00	12.00	12.00
19.2 Kbps	LXKSX	12.00	14.00	14.00	14.00
28 Kbps	LXQLX	12.00	16.00	16.00	16.00
32 Kbps	LXKTX	12.00	18.00	18.00	18.00
56 Kbps	LXKNX	12.00	30.00	30.00	30.00
64 Kbps	LXKQX	12.00	30.00	30.00	30.00
128 Kbps	LXKBX	12.00	50.00	50.00	50.00
192 Kbps	LXQMX	12.00	70.00	70.00	70.00
256 Kbps	LXKDX	12.00	90.00	90.00	90.00
320 Kbps	LXQNX	12.00	110.00	110.00	110.00
384 Kbps	LXKEX	12.00	130.00	130.00	130.00
448 Kbps	LXKAX	12.00	150.00	150.00	150.00
512 Kbps	LXKCX	12.00	170.00	170.00	170.00
576 Kbps	LXKGX	12.00	200.00	200.00	200.00
640 Kbps	LXKLX	12.00	210.00	210.00	210.00
704 Kbps	LXKMX	12.00	230.00	230.00	230.00
768 Kbps	LXKHX	12.00	250.00	250.00	250.00
832 Kbps	LXKPX	12.00	256.00	256.00	256.00
896 Kbps	LXKRX	12.00	262.00	262.00	262.00
960 Kbps	LXK9X	12.00	268.00	268.00	268.00

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Certain material previously on this page now appears on 2nd Revised Page 454.51.1

(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.7 Rates and Charges (cont'd)

Per PVC at CIR		USOC	Non-recurring Charge	Monthly Payment Optional Payment Plan			
				12 Month	36 Month	60 Month	
1.024	Mbps	LXQAX	\$12.00	\$ 274.00	\$ 274.00	\$ 274.00	M
1.088	Mbps	LXQBX	12.00	280.00	280.00	280.00	
1.152	Mbps	LXQCX	12.00	286.00	286.00	286.00	
1.216	Mbps	LXQDX	12.00	294.00	294.00	294.00	
1.280	Mbps	LXQEX	12.00	300.00	300.00	300.00	
1.344	Mbps	LXQFX	12.00	306.00	306.00	306.00	
1.408	Mbps	LXQGX	12.00	312.00	312.00	312.00	
1.472	Mbps	LXQHX	12.00	318.00	318.00	318.00	
1.536	Mbps	LXQJX	12.00	324.00	324.00	324.00	
1.544	Mbps	LXKJX	12.00	330.00	330.00	330.00	M
3.088	Mbps	LXKUX	12.00	490.00	490.00	490.00	
4.632	Mbps	LXKVX	12.00	600.00	600.00	600.00	
6.176	Mbps	LXKWX	12.00	760.00	760.00	760.00	
7.720	Mbps	LXKYX	12.00	950.00	950.00	950.00	
9.264	Mbps	LXKZX	12.00	1,050.00	1,050.00	1,050.00	
10.808	Mbps	LXK1X	12.00	1,150.00	1,150.00	1,150.00	
12.350	Mbps	LXK2X	12.00	1,270.00	1,270.00	1,270.00	
13.896	Mbps	LXK3X	12.00	1,330.00	1,330.00	1,330.00	
15.440	Mbps	LXK4X	12.00	1,400.00	1,400.00	1,400.00	
16.984	Mbps	LXK5X	12.00	1,430.00	1,430.00	1,430.00	
18.528	Mbps	LXK6X	12.00	1,470.00	1,470.00	1,470.00	
20.072	Mbps	LXK7X	12.00	1,540.00	1,540.00	1,540.00	

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Certain material formerly appeared on 4th Revised Page 454.51.

(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

8.5.7 Rates and Charges (cont'd)

Administrative Charge	USOC	Nonrecurring Charge	
- Per service order	ORCMX	\$50.00	
Design and Central Office Connection Charge			
- Per circuit			
Base Rate Service	Base Rate Service as specified in 7.5.15 apply.		(T)
DS1 Service	DS1 Service as specified in 7.5.15 apply.		(T)
DS3 Service	DS3 Service as specified in 7.5.15 apply.		(T)
Customer Connection Charge			
- Per termination			
Base Rate Service	Base Rate Service as specified in 7.5.15 apply.		(T)
DS1 Service	DS1 Service as specified in 7.5.15 apply.		(T)
DS3 Service	DS3 Service as specified in 7.5.15 apply.		(T)

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

(This page filed under Transmittal No. 1357)

Issued: October 6, 2003

Effective: October 21, 2003

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.7 Rates and Charges (cont'd)

Administrative Charge (cont'd)	USOC	Nonrecurring Charge	T	M
Cancellation of Application for Service Charges				
- Per 56 Kbps connection	CCA	\$50.00	T	
- Per 64 Kbps connection	CCA	50.00		
- Per 128 Kbps connection	CCA	50.00		
- Per 256 Kbps connection	CCA	50.00		
- Per 384 Kbps connection	CCA	50.00		
- Per 1.544 Mbps connection	CCA	50.00		
- Per 44.736 Mbps connection	CCA	50.00		
Customer Requested Order Delay Charge				
- Per UNI	OMC	50.00		
- Per NNI	OMC	50.00		
- Per Hubbed UNI	OMC	50.00		
- Per Hubbed NNI	OMC	50.00		
Change Charge				
- Per order (maximum of 20 changes per order)	NRBF3	50.00		M

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Certain material formerly appeared on 2nd Revised Page 454.52.

(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (cont'd)

8.5 Ameritech Frame Relay^{/1/} (cont'd)

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8.5.8 Optional Payment Plan Vintage Rates

A. General Regulations

Optional Payment Plan (OPP) vintage rates are those rates that apply to existing services provided under an OPP term in the event the Telephone Company initiates a rate increase. Vintage rates as set forth following are classified as vintage because the Telephone Company ensures that rates provided under an OPP term will not be increased by the Telephone Company above the OPP rate in effect at the beginning of the customer's OPP term.

OPP vintage rates will apply until the customer's existing OPP term expires, the service is terminated by the customer or the currently effective OPP rates are reduced to a level below the vintage rates. Other customer modifications, other than termination that cause a new rate or OPP term to be established will result in the service becoming non-vintage and the rates as specified in Section 8.5.7 will apply.

B. Vintage Rates

- The following rates apply to Ameritech Frame Relay service installed prior to April 15, 1998.

Hubbed UNI Connection	Monthly Payment Optional Payment Plan		T T
	36 Month	60 Month	
- Per Hubbed UNI 44.736	\$3,000.00	\$2,450.00	

/1/ Ameritech Frame Relay is limited to circuits in place as of October 27, 1999 and will be available only until July 4, 2000, at which time the service will no longer be available. For regulations specific to Ameritech Frame Relay availability, limitations and conversions, see Section 8.5.1.1 preceding.

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(TR1215)

Issued: October 12, 1999

Effective: October 27, 1999

Director, Federal Regulatory Planning & Policy, 4G47
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

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x Issued under authority of Special Permission No. 97-279.

(TR1122)

Issued: September 11, 1997

Effective: September 12, 1997

Director, Federal Regulatory Planning & Policy, 4G47D
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

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Dx

x Issued under authority of Special Permission No. 97-279.

(TR1122)

Issued: September 11, 1997

Effective: September 12, 1997

Director, Federal Regulatory Planning & Policy, 4G47D
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

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x Issued under authority of Special Permission No. 97-279.

(TR1122)

Issued: September 11, 1997

Effective: September 12, 1997

Director, Federal Regulatory Planning & Policy, 4G47D
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025

ACCESS SERVICE

8. Specialized Network Services (Cont'd)

Dx

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x Issued under authority of Special Permission No. 97-279.

(TR1122)

Issued: September 11, 1997

Effective: September 12, 1997

Director, Federal Regulatory Planning & Policy, 4G47D
2000 W. Ameritech Center Drive
Hoffman Estates, Illinois 60196-1025