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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(D) Features and Functions (Cont'd)

(1) Facility Interface (FI) Combinations

When ordering Special Access Service, the IC must specify the facility interface (FI) that is desired for the service ordered. The FI defines the technical characteristics associated with the type of signaling and type of facilities presented for connection to the Access Service at both the IC terminal location and the end user premises.

The FIs specified for the IC terminal location and the end user premises may be asymmetrical or symmetrical. However, only certain combinations are technically possible. Therefore, for purposes of this tariff, FIs are being described in terms of available combinations for all services except WATS Access Line Service which is only provided between an end user premises and a WATS or WATS-type serving office. These combinations are set forth in Section 15.2.4 following.

(2) Optional Features and Functions

Optional features and functions may be added to a service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific facilities, but rather represent the end result in terms of performance characteristics which may be obtained. These characteristics may be obtained by using various combinations of facilities. Although the facilities necessary to perform a specified function may be installed at various locations along the path of the service, including the premises of the end user, they will be charged for as a single rate element.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(D) Features and Functions (Cont'd)

(2) Optional Features and Functions (Cont'd)

Examples of features or functions that are available include, but are not limited to, the following:

(a) Conditioning

Conditioning provides more specific transmission characteristics for data or telephone services. There are two types of data conditioning, C-Type and DA-Type.

C-Type conditioning controls Attenuation Distortion and Envelope Delay Distortion.

DA-Type conditioning controls the Signal-to-C-Notched Noise ratio and Intermodulation Distortion.

Conditioning is charged for on a per two-point service or each section (i.e., mid link or end link). The parameters listed for each type of conditioning apply from point of interface to network interface. For two-point services, the parameters apply to each service. For multipoint services, the parameters apply to any path between any two service terminal points.

C-Type and DA-Type conditioning are available only for data services. C-Type and DA-Type conditioning may be combined on the same service.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(D) Features and Functions (Cont'd)

(2) Optional Features and Functions (Cont'd)

(a) Conditioning (Cont'd)

(i) C-Type Conditioning

For the additional control of Attenuation Distortion and Envelope Delay Distortion on data services.

Attenuation Distortion
(Frequency Response)
Relative to 1004 Hz

Frequency Range (Hz)	Variation (db)
400-2800	-1.0 to +2.0
300-3000	-1.0 to +3.0
300-3200	-2.0 to +6.0

Envelope Delay
Distortion

Frequency Range (Hz)	Variation (micro-seconds)
1000 - 2600	100
800 - 2600	200
600 - 2600	300
500 - 2800	600
500 - 3000	3000

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(D) Features and Functions (Cont'd)

(2) Optional Features and Functions (Cont'd)

(a) Conditioning (Cont'd)

(ii) DA-Type Conditioning

For the control of Signal-to-C-Notched Noise Ratio and Intermodulation Distortion on data services. DA-Type conditioning is available for two-point services or three-point multipoint services.

The Signal-to-C-Notched Noise Ratio and Intermodulation Distortion parameters for DA-Type conditioning are:

- Signal-to-C-Notched Noise Ratio is equal to or greater than 32 dB
- Intermodulation Distortion:
- Signal to second order modulation products (R2) is equal to or greater than 38 dB
- Signal to third order modulation products (R3) is equal to or greater than 42 dB

When a service equipped with DA-Type conditioning is used for voice communications, the quality of the voice transmission may not be satisfactory.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(D) Features and Functions (Cont'd)

(2) Optional Features and Functions (Cont'd)

(b) Loop Transfer Arrangement

Loop Transfer Arrangement is an arrangement that affords the end user an additional measure of protection to its access channel(s) on a 1xN basis. The arrangement is only available from a Telephone Company designated digital hub. A key activated control service is required to operate the transfer arrangement. This control service must be separately ordered from the Telephone Company IntraLATA Private Line tariff.

(c) Automatic Protection Switching

Automatic Protection Switching is an arrangement where switching equipment is placed at both ends of a duplicate stand-by service to automatically switch the stand-by service to the active state in the event of service failure. A duplicate 1.544 Mbps Service must be ordered.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges

There are two types of rates and charges. These are monthly recurring rates and nonrecurring charges. In addition, there are three types of nonrecurring charges. These 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 Special Access Service 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 a specific work activity (i.e., installation or change to an existing service). The three types of nonrecurring charges that apply for Special Access Service are: installation of service, installation of feature(s) and function(s), and service rearrangements.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

(1) Installation of Service

Nonrecurring charges apply to each service installed. When multiple identical services (i.e., services between the same locations and for the same customer) are ordered and installed at the same time, there is a charge for the first service installed and a lower charge for each additional identical service installed. Nonrecurring charges for the installation of all services, but WATS Access Line Service, apply per service termination (i.e., IC terminal location and end user premises). The nonrecurring charges for these services are set forth in the rate schedule with the facility interface combinations in Section 17.3 following.

In addition, there is a separately stated nonrecurring charge associated with the installation of Voice Grade Service (i.e., VG1-3 and 5-10) which varies by the specific performance desired (i.e., VG2, VG3, etc.). These nonrecurring charges, which apply per two-point service or each section of a multipoint service, are set forth in the rate schedule in Section 17.3.2 following.

(2) Installation of Features and Functions

Nonrecurring charges apply for the installation of the various features and functions available with Special Access Service. For some features and functions there is a lower charge if installed coincident with the service and a higher charge if installed subsequent to the installation of the service.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements

Nonrecurring charges apply for service rearrangements. Service rearrangements are changes to existing services that do not result in a change to any of the following: (1) address of the IC terminal location, (2) address of the end users premises or (3) type of service. Changes of this nature constitute a discontinuance and start of service. Service Rearrangement Charges are based on the nonrecurring (i.e., installation) charge of the service being changed. Following are the service rearrangements that are allowable for Special Access Service and the appropriate levels of charging.

Type of Change	Level of Charging
Change from two-wire to four-wire or from four-wire to two-wire	Full nonrecurring charge associated with the facility interface combination for the service being changed
Change in facility interface that does not result in a change to any other rate element (i.e., 2LS2 to 2GS2)	1/2 of the nonrecurring charge associated with the facility interface combination for the service being changed
Change in facility interface that results in changes to other rate element(s), (i.e., 4GS2 to 4DS9-15)	Full nonrecurring charge associated with the facility interface combination for the service being changed

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges (Cont'd)

(B) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

In cases where multiple service rearrangements or a move and a service rearrangement are requested on a single order, the total charge (i.e., the Service Rearrangement Charge or the Service Rearrangement Charge and the Move Charge) will never exceed the full nonrecurring charge for the basic service.

7.2.3 Moves

A move involves a change in the physical location of one of the following:

- the point of interface at the IC terminal location,
- the IC terminal location,
- the network interface at the end user premises,
- the end user premises.

The charges for the move are dependent on whether the move is to a new location within the same building or to a different building.

(A) Moves Within the Same Building

When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the service termination affected, (i.e., the IC terminal location or the end user premises). There will be no change in the minimum period requirements. If a move is made at the same time a service rearrangement is made, the total charge will never exceed a full nonrecurring charge for the basic service.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.3 Moves (Cont'd)

(B) Moves To a Different Building

Moves to a different building will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new services. The IC will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

7.2.4 Minimum Periods

Special Access Service is provided for a minimum period of one month. An exception to the minimum period exists for part-time Program Audio Services which may be ordered and paid for on a daily basis.

7.2.5 Mileage Measurement

The mileage to be used to determine the monthly rate for the Special Transport is calculated on the airline distance between the serving wire centers involved (i.e., IC serving wire center, Hub serving wire center or end user serving wire center). The V&H coordinates method is used to determine mileage. This method is explained in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. Tariff F.C.C. NO. 4 Serving Wire Center Information (V&H Coordinates).

Mileage is shown in Section 17.3 following in terms of mileage bands. To determine the charges to be billed, first compute the mileage using the V&H coordinates method, then find the band into which the computed mileage falls and apply the rates shown for that band to the actual number of miles. There are two rates that apply for each mileage band, (i.e., a fixed rate for the band and a rate per mile).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.5 Mileage Measurement (Cont'd)

When more than one Telephone Company is involved, the application of the Special Transport rate will be as specified in Section 2.4.7 preceding.

When Hubs are involved, mileage rates are computed separately for each section of the Special Transport mileage, (i.e., IC serving wire center to Hub, Hub to Hub, and/or Hub to end user serving wire center).

7.2.6 Facility Hubs

An IC has the option of ordering high capacity analog or digital facilities (i.e., Group, Supergroup, DS1, DS1C, DS2, DS3 or DS4) to a facility Hub for channelizing to individual services requiring lower capacity facilities (i.e., Voice, Program Audio, etc.).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.6 Facility Hubs (Cont'd)

The Telephone Company will designate the facility Hub locations. Different locations may be designated as Hubs for different, (i.e., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location). The IC will choose the desired Hub from a list that the Telephone Company will make available.

Some of the types of multiplexing provided include the following:

- from higher to lower bit rate
- from higher to lower bandwidth
- from digital to Voice Grade Service
- from digital to Program Audio Service

The transmission performance for the end to end service provided from the IC terminal location to end user premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps service is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity.

The Telephone Company will commence billing the monthly rate for the Access Connection and the Special Transport for the high capacity facility to the Hub as soon as it is provided, even though individual services utilizing those facilities may not be ordered and installed until a later date. If the IC has designated the type of multiplexing to be provided, the nonrecurring charge for the multiplexer will be billed to the IC at that time and the billing for the monthly rate will begin.

Individual service rates (by service type) will apply for the facility interface combination, the Special Access Line, Special Access Service Surcharge, and additional Special Transport (if required) for each channelized service. These will be billed to the IC as each individual service is installed.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.7 Mixed Use Analog and Digital High Capacity Services

Mixed use occurs when Special Access Service and Switched Access Service are provided over the same Wideband Analog or High Capacity facilities through a common interface. The facility will be ordered and rated as Special Access Service until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Service. At that time, the customer must place an order for Switched Access Service, designating a specific channel assignment for the service. As each individual channel is activated for Switched Access Service, the Special Access rates will be reduced accordingly (i.e., 1/24th for a DSI service, etc.).

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.8 Rate Application Exception Rules

(A) Intrabuilding Access Services

Intrabuilding cable facilities, provided by the Telephone Company to connect two IC terminal locations or an IC terminal location and an end user premises in the same public building, will be rated as an Access Connection and an appropriate facility interface combination. The Special Transport and Special Access Line rate elements will not apply to this type of service.

(B) IC Terminal Location to IC Terminal Location

When two IC terminal locations are connected together via Special Access Service, the IC will be billed as though the service were connecting an IC terminal location and an end user premises, (i.e., Access Connection, Special Transport, Features and Functions (facility interface combination) and Special Access Line). One of the IC terminal locations will be treated as an end user premises.

(C) End User to End User

When two end user premises are connected together via Special Access Service, the IC will be billed as though the service were connecting and IC terminal location and an end user premises, (i.e., Access Connection, Special Transport, Features and Functions (facility interface combination) and Special Access Line). The end user premises at which the service connects to intrastate service will be treated as an IC terminal location.

(D) WATS Access Line Service

When WATS Access Line Service is provided, Special Access rate elements will not apply. A WATS Access Line charge will apply as specified in the Telephone Company Wide Area Telecommunications Service tariff.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Surcharge for Special Access Service

7.3.1 General

In addition to the rate categories described in Section 7.2.1 preceding, there is a monthly surcharge that applies to two-point Sub-voice grade, Voice Grade and equivalent voice grade Special Access Services (i.e., the surcharge for a group level service would be 12 x rate). For multipoint services, the surcharge applies for each end user location on the service. This surcharge compensates the Telephone Company for use of the local exchange network when Special Access Service is connected to a PBX or equivalent device which is capable of interconnecting the Special Access Services with local exchange service. The Telephone Company will automatically bill the appropriate surcharge on each Special Access Service installed irrespective of whether the interconnection capability exists in the customer's premises equipment or in a Centrex-CO type switch unless the service is exempt from the surcharge as set forth in Section 7.3.2 following.

7.3.2 Exceptions to the Surcharge Application

There are two means by which the customer may be exempted from the monthly surcharge. First, if the customer certifies that the Special Access Service is terminated in a device not capable of interconnecting the service with local exchange service, no surcharge will apply. Second, if the customer certifies that the Special Access Service is associated with a Switched Access Service in the same LATA that is subject to Carrier Common Line Charges, no surcharge will apply.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.3 Surcharge for Special Access Service (Cont'd)

7.3.3 Certification

The certification will be in the form of a written notification to the Telephone Company. The notification may be provided (1) at the time the service is ordered or (2) at such time as the service is reterminated to a device not capable of interconnecting to the local exchange network or (3) at such time as the Special Access Service becomes associated with a Switched Access Service that is subject to Carrier Common Line Charges. If a written certification is not received at the time an order for service is placed, the surcharge will be applied. Exempt status will become effective on the date certification is received by the Telephone Company.

7.3.4 Crediting the Surcharge

The Telephone Company will cease billing the surcharge when certification that the service has become exempt from the surcharge as set forth in Section 7.3.3 preceding is received. If the status of the service was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account based on the effective date of the change specified by the customer in the letter of certification.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Narrowband Services

7.4.1 Narrowband 1 (NB1) Special Access Service

(A) Description

Special Access Service NB1 provides a channel for a balanced metallic pair between an IC terminal location and an end user premises. Service will be provided only where appropriate metallic facilities are available. Signal transfer rates up to 30 baud will be accommodated.

Rates and charges for Special Access Service NB1 are set forth in Section 17.3.1 following.

(B) Illustrative Applications

Special Access Service NB1 suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Protective Alarm (Direct Wire)
- Wire Pair Facility

(C) Optional Features

- Bridging: provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a second end user location.
- Customer requiring a four-wire metallic facility must buy two NB1 services.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(A)(1) following. Available facility interfaces are set forth in Section 15.2.4(A) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Narrowband Services (Cont'd)

7.4.2 Narrowband 2 (NB2) Special Access Service

(A) Description

Special Access Service NB2 provides a channel for simplex low-frequency, narrowband electrical transmission which may be provided to a number of end user premises (up to a maximum of 25) to form a series of electrical paths from the IC terminal location to each end user premises. The electrical path is capable of transporting the three-level signal used in the McCulloh signaling system at speeds up to 15 bps.

Service will be provided only where appropriate metallic or other facilities are available.

Rates and charges for Special Access Service NB2 are set forth in Section 17.3.1 following.

(B) Illustration Applications

Special Access Service NB2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Protective Alarm (McCulloh)

(C) Optional Features

- Series Bridging: up to 25 end user premises.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(A)(2) following. Available facility interfaces are set forth in Section 15.2.4(A) following.

7.4.3 Narrowband 3 (NB3) Special Access Service

Reserved For Future Use.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Narrowband Services (Cont'd)

7.4.4 Narrowband 4 (NB4) Special Access Service

(A) Description

Special Access Service NB4 provides a channel for transmission of asynchronous transitions between two current levels at rates up to 75 baud between an IC terminal location and an end user premises. This service is furnished for half-duplex or duplex operation on a two point or multipoint configuration. Neither direct current continuity of this service nor the capability to transport continuously varying alternating current is assured.

Rates and charges for Special Access Service NB4 are set forth in Section 17.3.1 following.

(B) Illustrative Applications

Special Access Service NB4 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Telegraph Grade Facilities
- Entrance Facility - Telegraph Grade
- Extension Service - Telegraph Grade
- Teletypewriter Service
- Alarm Circuits
- Control/Remote Metering - Telegraph Grade

(C) Optional Features

- Central office bridging capability.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(A)(4) following. Available facility interfaces are set forth in Section 15.2.4(A) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Narrowband Services (Cont'd)

7.4.5 Narrowband 5 (NB5) Special Access Service

(A) Description

Special Access Service NB5 provides a channel for transmission of asynchronous transitions between two current levels at rates up to 150 baud between an IC terminal location and an end user premises. This service is furnished for half-duplex or duplex operation on a two-point or multipoint configuration. Neither direct current continuity of this service nor the capability to transport continuously varying alternating currents is assured.

Rates and charges for Special Access Service NB5 are set forth in Section 17.3.1 following.

(B) Illustrative Applications

Special Access Service NB5 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Extension Service - Telegraph Grade
- Teletypewriter Service
- Alarm Circuits
- Control/Remote Metering - Telegraph Grade

(C) Optional Features

- Central office bridging capability.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(A)(5) following. Available facility interfaces are set forth in Section 15.2.4(A) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Narrowband Services (Cont'd)

7.4.6 Narrowband 6 (NB6) Special Access Service

(A) Description

Special Access Service NB6 provides a channel that is engineered for binary signals at rates up to 75 baud, 20 ± 1 or 62.5 ± 2.5 milliamperes neutral signal. The Telephone Company has the option of providing 20 or 62.5 milliamperes and will notify the customer of the current level to be supplied. The Telephone Company will supply the line voltage and provide for the current adjustment. The maximum open circuit voltage across the send data leads at the interface will not exceed 270 volts. This service is furnished for half duplex or duplex operation on a two-point or multipoint configuration.

Rates and charges for Special Access Service NB6 are set forth in Section 17.3.1 following.

(B) Illustrative Applications

Special Access Service NB6 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Teletypewriter Service
- Data Service
- Supervisory Control
- Miscellaneous Signaling

(C) Optional Features

- Central office bridging capability

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(A)(6) following. Available facility interfaces are set forth in Section 15.2.4(A) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Narrowband Services (Cont'd)

7.4.7 Narrowband 7 (NB7) Special Access Service

(A) Description

Special Access Service NB7 provides a channel that is engineered for binary signals at rates up to 150 baud. This service is furnished for half duplex or duplex operation on a two-point or multipoint configuration. Neither direct current continuity of this service nor the capability to transport continuously varying alternating currents is assured. Only one station termination is allowed from a single access line.

Rates and charges for Special Access Service NB7 are set forth in Section 17.3.1 following.

(B) Illustrative Applications

Special Access Service NB7 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Teletypewriter Service
- Data Service
- Supervisory Control
- Miscellaneous Signaling

(C) Optional Features

- Central office bridging capability

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(A)(7) following. Available facility interfaces are set forth in Section 15.2.4(A) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Services

7.5.1 Voice Grade 1 (VG1) Special Access Service

(A) Description

Special Access Service VG1 provides a channel for voice frequency transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The transmission interface can be either two-wire or four-wire at both the IC terminal location and the end user premises. Various interface options are available. This service will support effective two-wire or effective four-wire transmission.

Rates and charges for Special Access Service VG1 are set forth in Section 17.3.2 following.

(B) Illustrative Applications

Special Access Service VG1 is suitable for use as part of the facilities used to provide intrastate telecommunications services such as:

- Voice Grade Facility
- Alarm Circuits

(C) Optional Features

- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(B)(1) following. Available facility interfaces are set forth in Section 15.2.4(B) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Services (Cont'd)

7.5.2 Voice Grade 2 (VG2) Special Access Service

(A) Description

Special Access Service VG2 provides a channel for voice frequency transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The transmission interface at the end user premises is two-wire or four-wire and the IC terminal location interface is four-wire. This service will support effective two-wire or effective four-wire transmission.

Rates and charges for Special Access Service VG2 are set forth in Section 17.3.2 following.

(B) Illustrative Applications

Special Access Service VG2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Centrex C.O. Line
- Concentrator Identifier Trunk
- Extension Service
- Off-Premises Intercommunications Line
- Private Line Voice Circuit
- Paging Circuit
- Foreign Exchange Line (closed end)
- Centrex Station Line - Off Premises
- Off-Premises Extension
- Off-Premises PBX Station Line

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Services (Cont'd)

7.5.2 Voice Grade 2 (VG2) Special Access Service (Cont'd)

(C) Optional Features

- Central office bridging capability.
- Improved return loss for effective two-wire transmission at the end user premises.
- IC specified end user premises receive level within a range acceptable to the Telephone Company on effective four-wire transmission.
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(B)(2) following. Available facility interfaces are set forth in Section 15.2.4(B) following.

7.5.3 Voice Grade 3 (VG3) Special Access Service

(A) Description

Special Access Service VG3 provides a channel for voice frequency transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The transmission interface at the end user premises is two-wire or four-wire and the IC terminal location interface is four-wire. This service will support effective two-wire or four-wire transmission.

Rates and charges for Special Access Service VG3 are set forth in Section 17.3.2 following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Services (Cont'd)

7.5.3 Voice Grade 3 (VG3) Special Access Service (Cont'd)

(B) Illustrative Applications

Special Access Service VG3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Foreign Exchange Trunk (Closed End)
- Alternate Use Service
- PBX/CTX Tie Trunks
- SSN Access Line
- SSN Station Line
- SSN Network Line
- SSN Tie Trunk
- Station and Premises Connecting Facilities

(C) Optional Features

- Improved return loss for effective two-wire transmission at the end user premises.
- IC specified end user premises receive level within a range acceptable to the Telephone Company on effective four-wire transmission.
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(B)(3) following. Available facility interfaces are set forth in Section 15.2.4(B) following.

7.5.4 Voice Grade 4 (VG4) Special Access Service

Reserved For Future Use.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Services (Cont'd)

7.5.5 Voice Grade 5 (VG5) Special Access Service

(A) Description

Special Access Service VG5 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The transmission interface can be either two-wire or four-wire at the end user premises and the IC terminal location. This service will support effective two-wire or four-wire transmission.

Rates and charges for Special Access Service VG5 are set forth in Section 17.3.2 following.

(B) Illustrative Applications

Special Access Service VG5 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Protective Alarm
- DATAPHONE Select-A-Station

(C) Optional Features

- C-Conditioning.
- Central office bridging capability.
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(B)(5) following. Available facility interfaces are set forth in Section 15.2.4(B) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Services (Cont'd)

7.5.6 Voice Grade 6 (VG6) Special Access Service

(A) Description

Special Access Service VG6 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The transmission interface is four-wire at both the IC terminal location and the end user premises. This service will support effective four-wire transmission.

Rates and charges for Special Access Service VG6 are set forth in Section 17.3.2 following.

(B) Illustrative Applications

Special Access Service VG6 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Private Line Data Circuit
- Control/Remote Metering

(C) Optional Features

- C-Conditioning.
- DA-Conditioning.
- Central office bridging capability.
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.
- Central office multiplexing.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(B)(6) following. Available facility interfaces are set forth in Section 15.2.4(B) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Services (Cont'd)

7.5.7 Voice Grade 7 (VG7) Special Access Service

(A) Description

Special Access Service VG7 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The transmission interface at the end user premises is two-wire or four-wire and the IC terminal location interface is four-wire. This service will support effective two-wire or four-wire transmission.

Rates and charges for Special Access Service VG7 are set forth in Section 17.3.2 following.

(B) Illustrative Applications

Special Access Service VG7 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Centrex CO Station Line Off-Premises Station
- PBX Off-Premises Station
- Foreign Exchange Trunk (Closed End)
- Foreign Exchange Line (Closed End)
- PBX Tie Trunks
- SSN Tie Trunks
- Voice Grade Data Connecting Facility

(C) Optional Features

- Improved return loss for effective two-wire transmission at the end user premises.
- C-Conditioning.
- DA-Conditioning.
- IC specified end user premises receive level within a range acceptable to the Telephone Company on effective four-wire transmission.
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Services (Cont'd)

7.5.7 Voice Grade 7 (VG7) Special Access Service (Cont'd)

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(B)(7) following. Available facility interfaces are set forth in Section 15.2.4(B) following.

7.5.8 Voice Grade 8 (VG8) Special Access Service

(A) Description

Special Access Service VG8 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an end user premises. The standard transmission interface at the end user premises is two-wire or four-wire and the IC terminal location interface is four-wire. This service will support effective four-wire transmission.

Rates and charges for Special Access Service VG8 are set forth in Section 17.3.2 following.

(B) Illustrative Applications

Special Access Service VG8 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- SSN Access Line
- SSN Station Line

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Services (Cont'd)

7.5.8 Voice Grade 8 (VG8) Special Access Service (Cont'd)

(C) Optional Features

- C-Conditioning.
- IC specified end user premises receive level within a range acceptable to the Telephone Company for effective four-wire transmission.
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(B)(8) following. Available facility interfaces are set forth in Section 15.2.4(B) following.

7.5.9 Voice Grade 9 (VG9) Special Access Service

(A) Description

Special Access Service VG9 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and another IC terminal location or a Telephone Company Central office which serves as an SSN Switch. The transmission interface at the end user premises or Telephone Company Central Office is four-wire and the IC terminal location interface is four-wire. This service will support effective four-wire transmission.

Rates and charges for Special Access Service VG9 are set forth in Section 17.3.2 following.

(B) Illustrative Applications

Special Access Service VG9 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as SSN Network Trunks.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Services (Cont'd)

7.5.9 Voice Grade 9 (VG9) Special Access Service (Cont'd)

(C) Optional Features

- C-Conditioning.
- IC specified end user premises receive level within a range acceptable to the Telephone Company for effective four-wire transmission.
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(B)(9) following. Available facility interfaces are set forth in Section 15.2.4(B) following.

7.5.10 Voice Grade 10 (VG10) Special Access Service

(A) Description

Special Access Service VG10 provides a channel for voiceband data transmission capability. Usable frequencies are nominally 300 to 3000 Hz between an IC terminal location and an the end user premises. The standard transmission interface at the end user premises and the IC terminal location is four-wire. This service will support effective four-wire transmission.

Rates and charges for Special Access Service VG10 are set forth in Section 17.3.2 following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Voice Grade Services (Cont'd)

7.5.10 Voice Grade 10 (VG10) Special Access Service (Cont'd)

(B) Illustrative Applications

Special Access Service VG10 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data Off-Net Extension
- Voice Grade Data Facility

(C) Optional Features

- Central office bridging capability.
- Improved return loss at four-wire point of interface, applicable to each two-wire leg of effective four-wire channel.
- C-Conditioning.
- DA-Conditioning

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(B)(10) following. Available facility interfaces are set forth in Section 15.2.4(B) following.

7.5.11 Voice Grade 11 (VG11) Special Access Service

Reserved For Future Use.

7.5.12 Voice Grade 12 (VG12) Special Access Service

Reserved For Future Use.

7.5.13 Voice Grade 13 (VG13) Special Access Service

Reserved For Future Use.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Program Audio Services

7.6.1 Program Audio 1 (AP1) Special Access Service

(A) Description

Special Access Service AP1 provides a channel with a nominal bandwidth from 200 to 3500 Hz for the transmission of a complex signal voltage, such as speech or music, between an IC terminal location and an end user premises. Only one-way transmission is provided.

Rates and charges for Special Access Service AP1 are set forth in Section 17.3.3 following.

(B) Illustrative Applications

Special Access Service AP1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

(C) Optional Features

- Gain Conditioning-control of 1004 Hz EML at initiation of service to 0 dB ± 0.5 dB.
- Central office bridging capability (wired music).

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(C)(1) following. Available facility interfaces are set forth in Section 15.2.4(C) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Program Audio Services (Cont'd)

7.6.2 Program Audio 2 (AP2) Special Access Service

(A) Description

Special Access Service AP2 provides a channel with a nominal bandwidth from 100 to 5000 Hz for the transmission of a complex signal voltage, such as speech or music, between an IC terminal location and an end user premises. Only one-way transmission is provided.

Rates and charges for Special Access Service AP2 are set forth in Section 17.3.3 following.

(B) Illustrative Applications

Special Access Service AP2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

(C) Optional Features

- Gain Conditioning-control of 1004 Hz AML at initiation of service to 0 dB ± 0.5 dB.
- Central office bridging capability (wired music).

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(C)(2) following. Available facility interfaces are set forth in Section 15.2.4(C) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Program Audio Services (Cont'd)

7.6.3 Program Audio 3 (AP3) Special Access Service

(A) Description

Special Access Service AP3 provides a channel with a nominal bandwidth from 50 to 8000 Hz for the transmission of a complex signal voltage, such as speech or music, between an IC terminal location and an end user premises. Only one-way transmission is provided.

Rates and charges for Special Access Service AP3 are set forth in Section 17.3.3 following.

(B) Illustrative Applications

Special Access Service AP3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

(C) Optional Features

- Gain Conditioning-control of 1004 Hz AML at initiation of service to 0 dB ± 0.5 dB.
- Central office bridging capability (wired music).

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(C)(3) following. Available facility interfaces are set forth in Section 15.2.4(C) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Program Audio Services (Cont'd)

7.6.4 Program Audio 4 (AP4) Special Access Service

(A) Description

Special Access Service AP4 provides a channel with a nominal bandwidth from 50 to 15000 Hz for the transmission of a complex signal voltage, such as speech or music, between an IC terminal location and an end user premises. Only one-way transmission is provided.

Rates and charges for Special Access Service AP4 are set forth in Section 17.3.3 following.

(B) Illustrative Applications

Special Access Service AP4 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

(C) Optional Features

- Gain Conditioning-control of 1004 Hz AML at initiation of service to 0 dB ± 0.5 dB.
- Stereo - provision of a pair of gain/phase equalized channels for stereo applications.
- Central office bridging capability (wired music).

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(C)(4) following. Available facility interfaces are set forth in Section 15.2.4(C) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Program Audio Services (Cont'd)

7.6.5 Program Audio 5 (AP5) Special Access Service

(A) Description

Special Access Service AP5 provides a nonequalized two-wire channel with a nominal bandwidth of 200 to 3000 Hz for the transmission of a complex signal voltage, such as speech or music. Only one-way transmission is provided between the customer's studio and the distribution amplifier(s) or between two Telephone Company-provided distribution amplifiers or between a Telephone Company-provided distribution amplifier and a customer-provided distribution amplifier.

Rates and charges for Special Access Service AP5 are set forth in Section 17.3.3 following.

(B) Illustrative Applications

Special Access Service AP5 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

(C) Optional Features

- Gain Conditioning.
- Central office bridging capability (wired music).

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(C)(5) following. Available facility interfaces are set forth in Section 15.2.4(C) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Program Audio Services (Cont'd)

7.6.6 Program Audio 6 (AP6) Special Access Service

(A) Description

Special Access Service AP6 provides a two-wire channel with a nominal bandwidth of approximately 100 to 5000 Hz. This service is used for the transmission of a complex signal voltage, such as speech or music, between the customer's studio and the distribution amplifier(s) or between two Telephone Company-provided distribution amplifiers or between a Telephone Company-provided distribution amplifier and a customer-provided distribution amplifier. Only one-way transmission is provided.

Rates and charges for Special Access Service AP6 are set forth in Section 17.3.3 following.

(B) Illustrative Applications

Special Access Service AP6 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

(C) Optional Features

- Gain Conditioning.
- Central office bridging capability (wired music).

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(C)(6) following. Available facility interfaces are set forth in Section 15.2.4(C) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Program Audio Services (Cont'd)

7.6.7 Program Audio 7 (AP7) Special Access Service

(A) Description

Special Access Service AP7 provides a two-wire service channel with a nominal bandwidth of approximately 50 to 8000 Hz. This service is used for the transmission of a complex signal voltage, such as speech or music, between the customer's studio and the distribution amplifier(s) or between two Telephone Company-provided distribution amplifiers or between a Telephone Company-provided distribution amplifier and a customer-provided distribution amplifier. Only one-way transmission is provided.

Rates and charges for Special Access Service AP7 are set forth in Section 17.3.3 following.

(B) Illustrative Applications

Special Access Service AP7 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

(C) Optional Features

- Gain Conditioning.
- Central office bridging capability (wired music).

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(C)(7) following. Available facility interfaces are set forth in Section 15.2.4(C) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Program Audio Services (Cont'd)

7.6.8 Program Audio 8 (AP8) Special Access Service

(A) Description

Special Access Service AP8 provides a two-wire channel with a nominal bandwidth of approximately 50 to 50000 Hz. This service is used for the transmission of a complex signal voltage, such as speech or music, between the customer's studio and the distribution amplifier(s) or between two Telephone Company-provided distribution amplifiers or between a Telephone Company-provided distribution amplifier and a customer-provided distribution amplifier. These channels are only provided in the same exchange as the customer's studio and for one-way transmission only.

Rates and charges for Special Access Service AP8 are set forth in Section 17.3.3 following.

(B) Illustrative Applications

Special Access Service AP8 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

(C) Optional Features

- Gain Conditioning.
- Central office bridging capability (wired music).

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(C)(8) following. Available facility interfaces are set forth in Section 15.2.4(C) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Program Audio Services (Cont'd)

7.6.9 Program Audio 9 (AP9) Special Access Service

(A) Description

Special Access Service AP9 provides non-equalized two-wire channel with a nominal bandwidth of 200 to 3000 Hz. Only one-way transmission between a Telephone Company-provided distribution amplifier and a station location (patron) is provided. This service is used for the transmission of a complex signal voltage, such as speech or music.

Rates and charges for Special Access Service AP9 are set forth in Section 17.3.3 following.

(B) Illustrative Applications

Special Access Service AP9 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

(C) Optional Features

- Gain Conditioning.
- Central office bridging capability (wired music).

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(C)(9) following. Available facility interfaces are set forth in Section 15.2.4(C) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Program Audio Services (Cont'd)

7.6.10 Program Audio 10 (AP10) Special Access Service

(A) Description

Special Access Service AP10 provides a two-wire channel with a nominal bandwidth of approximately 100 to 5000 Hz. Only one-way transmission between a Telephone Company-provided distribution amplifier and a station location (patron) is provided. This service is used for the transmission of a complex signal voltage, such as speech or music.

Rates and charges for Special Access Service AP10 are set forth in Section 17.3.3 following.

(B) Illustrative Applications

Special Access Service AP10 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

(C) Optional Features

- Gain Conditioning.
- Central office bridging capability (wired music).

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(C)(10) following. Available facility interfaces are set forth in Section 15.2.4(C) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.6 Program Audio Services (Cont'd)

7.6.11 Program Audio 11 (AP11) Special Access Service

(A) Description

Special Access Service AP11 provides a two-wire channel with a nominal bandwidth of approximately 50 to 8000 Hz. Only one-way transmission between a Telephone Company-provided distribution amplifier and a station location (patron) is provided. This service is used for the transmission of a complex signal voltage, such as speech or music.

Rates and Charges for special Access Service AP11 are set forth in Section 17.3.3 following.

(B) Illustrative Applications

Special Access Service AP11 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Wired Music

(C) Optional Features

- Gain Conditioning.
- Central office bridging capability (wired music).

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(C)(11) following. Available facility interfaces are set forth in Section 15.2.4(C) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.7 Wideband Analog Services

7.7.1 Wideband Analog 1 (WA1) Special Access Service

(A) Description

Special Access Service WA1 provides a high capacity channel with a bandwidth from 60 kHz to 108 kHz for the transmission of a wideband signal between an IC terminal location and an end user's premises, between IC terminal locations or between an IC terminal location and a Telephone Company designated Hub where multiplexing is offered.

Rates and charges for Special Access Service WA1 are set forth in Section 17.3.4 following.

(B) Illustrative Applications

Special Access Service WA1 is suitable for the transmission of a 12 channel group.

(C) Optional Features

- Central office multiplexing.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(D)(1) following. Available facility interfaces are set forth in Section 15.2.4(D) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.7 Wideband Analog Services (Cont'd)

7.7.2 Wideband Analog 2 (WA2) Special Access Service

(A) Description

Special Access Service WA2 provides a high capacity channel with a bandwidth from 312 kHz to 552 kHz for the transmission of a wideband signal between an IC terminal location and an end user's premises, between IC terminal locations or between an IC terminal location and a Telephone Company designated Hub where multiplexing is offered.

Rates and charges for Special Access Service WA2 are set forth in Section 17.3.4 following.

(B) Illustrative Applications

Special Access Service WA2 is suitable for the transmission of a 60 channel supergroup.

(C) Optional Features

- Central office multiplexing.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(D)(2) following. Available facility interfaces are set forth in Section 15.2.4(D) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.7 Wideband Analog Services (Cont'd)

7.7.3 Wideband Analog to Digital (WA1T) Special Connector Service

(A) Description

Special Access Service WA1T provides two WA1 channels from an IC terminal location for connection to an HC1 Special Access Service at a Telephone Company designated Hub location via a Group to DS1 multiplexer. The HC1 service may only be extended to another Hub for multiplexing to voice or other service.

Rates and charges for Special Access Service WA1T are set forth in Section 17.3.4 following.

Note: The Access Connection and Special Transport rate elements for WA1 apply for WA1T. Two of each are required.

(B) Illustrative Applications

Special Access Service WA1T is suitable for the transmission of 24 channels connected via multiplexing to 24 DS1 channels.

(C) Optional Features

- Central office multiplexing.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(D)(3) following. Available facility interfaces are set forth in Section 15.2.4(D) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.8 WATS Access Line Services

7.8.1. WATS Access Line Service (WALS) Special Access Service

(A) Description

Special Access WATS Access Line Service provides a channel for voice frequency transmission capability. The service provides a connection between an end user premises (which for purposes of this tariff includes Centrex CO switches) and a Telephone Company switching office capable of performing the necessary screening functions for 800 Service, WATS or similar services.

WATS Access Line Service is provided for either originating calling only or terminating calling only. It is provided with rotary dial or dual tone multifrequency address signaling and either loop start or ground start supervisory signaling (i.e., facility interfaces). The choice of the type of signaling is at the option of the IC.

Service is provided as either effective two-wire or effective four-wire transmission paths. Each transmission path is provided with a standard transmission performance and Data Transmission Parameters as set forth in Section 15 following.

When an end user is located in an exchange other than the exchange where the end user's WATS serving office is located, and the end user's exchange and the exchange of the WATS serving office have different calling scopes, the blocking of local calls on foreign exchange served WATS access lines will be based on the calling scope of the end user's exchange rather than the exchange of the WATS serving office. Because of technical problems in certain foreign exchange WATS serving offices, the Telephone Company may not be able to block local calls within the end user's exchange, therefore, no blocking of local calls in the end user's exchange will occur. All calls dialed in the 800 format, irrespective of jurisdiction and including local 800 calls, are not affected by this restriction.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.8 WATS Access Line Services (Cont'd)

7.8.1 WATS Access Line Service (WALS) Special Access Service (Cont'd)

(A) Description (Cont'd)

When intrastate WATS Access Line Service is utilized for originating interLATA and intraLATA Wide Area Telecommunications Service, intraLATA calling is provided by the Telephone Company and will be billed as described in the Wide Area Telecommunications Service Tariff. InterLATA calling is provided by the customer and switched access charges as specified in Section 6 of this tariff will apply for such originating interLATA usage. A WATS Access Line charge will apply as specified in the Wide Area Telecommunications Service Tariff.

Intrastate WATS Access Line Service may be utilized in the terminating direction for the completion of joint provided 800 Access Service calling. For this arrangement, terminating interLATA usage will be billed switched access charges as described in Section 6 of this tariff. IntraLATA usage will be billed as specified in the Wide Area Telecommunications Service Tariff. For joint provided 800 Access Service which utilizes terminating intrastate WATS Access Line Service for the completion of 800 service calling, a WATS Access Line charge as specified in the Wide Area Telecommunications Service Tariff will apply.

Rates and charges for Special Access WALS are set forth in Section 17.3.5 following.

(B) Illustrative Applications

WATS Access Line Service is provided for use with FGA, FGB, FGC, or FGD Switched Access Service. It is for use at the closed-end of an 800 Service or a WATS or WATS-type service.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.8 WATS Access Line Services (Cont'd)

7.8.1 WATS Access Line Service (WALS) Special Access Service (Cont'd)

(C) Optional Features

- Two-Wire Improved Voice Transmission Performance.
- Four-Wire Improved Voice Transmission Performance.
- Certain other features which may be provided in connection with WATS Access Line Service are available under the Telephone Company's local and/or general exchange service tariffs. These are:

  - End user access to a Telephone Company test lines
  - Speed Calling
  - Remote Call Forwarding
  - Directory Numbers (with trunk side terminations)

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(E) following. Available facility interfaces are set forth in Section 15.2.4(E) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Wideband Digital Services

7.9.1 Wideband Digital 1 (WD1) Special Access Service

(A) Description

Special Access Service WD1 provides a channel for the transmission of 19.2 kbps synchronous serial data between an IC terminal location and an end user premises. Optional arrangements are available for transmission at 18.75 kbps or for transmission of nonsynchronous data with a minimum signal element width of 52 microseconds. A voiceband coordinating channel can be provided with this service at rates as specified for the specific VG service required by the customer.

Rates and charges for Special Access Service WD1 are set forth in Section 17.3.6 following.

(B) Illustrative Applications

The nonsynchronous option is suitable for use as part of the facilities required to provide intrastate facsimile transmission.

(C) Optional Features

- Reserved For Future Use.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(F)(1) following. Available facility interfaces are set forth in Section 15.2.4(F) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Wideband Digital Services (Cont'd)

7.9.2 Wideband Digital 2 (WD2) Special Access Service

(A) Description

Special Access Service WD2 provides a channel for the transmission of 50 kbps synchronous or isochronous serial data between an IC terminal location and an end user premises. Optional arrangements are available for transmission of synchronous serial data at 40.8 kbps or for transmission of nonsynchronous data with a minimum signal element width of 20 microseconds. An arrangement may also be included to accommodate the nonsimultaneous transmission of signal and supervisory tones between the frequencies of 300 and 3000 Hz. A voiceband coordinating channel can be provided with this service at rates as specified for the specific VG service required by the customer.

Rates and charges for Special Access Service WD2 are set forth in Section 17.3.6 following.

(B) Illustrative Applications

Special Access Service WD2 is suitable for use as part of the facilities required to provide intrastate facsimile transmission.

(C) Optional Features

- Reserved For Future Use.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(F)(2) following. Available facility interfaces are set forth in Section 15.2.4(F) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Wideband Digital Services (Cont'd)

7.9.3 Wideband Digital 3 (WD3) Special Access Service

(A) Description

Special Access Service WD3 provides a channel for the transmission of 230.4 kbps synchronous serial data between an IC terminal location and an end user premises. Optional arrangements are available for transmission of nonsynchronous data with a minimum signal element width of 4.3 microseconds. A voiceband coordinating channel can be provided with this service at rates as specified for the specific VG service required by the customer.

Rates and charges for Special Access Service WD3 are set forth in Section 17.3.6 following.

(B) Illustrative Applications

The nonsynchronous option is suitable for use as part of the facilities required to provide intrastate facsimile transmission.

(C) Optional Features

- Reserved For Future Use.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(F)(3) following. Available facility interfaces are set forth in Section 15.2.4(F) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.9 Wideband Digital Services (Cont'd)

7.9.4 Wideband Digital 4 (WD4) Special Access Service

(A) Description

Special Access Service WD4 provides for the transmission of 56 kbps synchronous serial data between an IC terminal location and an end user premises.

Rates and charges for Special Access Service WD4 are set forth in Section 17.3.6 following.

(B) Illustrative Applications

When using the DATAPHONE Digital Service timing option, this service is suitable for use as part of the facilities required to provide intrastate Digital Data Off-Net Extension.

(C) Optional Features

- Reserved For Future Use.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(F)(4) following. Available facility interfaces are set forth in Section 15.2.4(F) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 Digital Data Access Services

Digital Data Access Services are only available via Telephone Company designated Digital Data Hubs.

7.10.1 Digital Data Access 1 (DA1) Special Access Service

(A) Description

Special Access Service DA1 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 2.4 kbps rate between an IC terminal location and an end user premises. The service is synchronous with timing provided through the Telephone Company's facilities to the end user on the received bit stream.

DA1 is available only between the IC terminal location and locations designed by the Telephone Company which are served by digital facilities. All other locations are connectable to the Telephone Company designated digital Hub only through an analog off-network extension which is provided as a VG 10 Service as set forth in Section 7.5.10 preceding.

Rates and charges for Special Access Service DA1 are set forth in Section 17.3.7 following.

(B) Illustrative Applications

Special Access Service DA1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data - 2.4 kbps

(C) Optional Features

- Transfer arrangement.
- Central office bridging capability.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 Digital Data Access Services (Cont'd)

7.10.1 Digital Data Access 1 (DA1) Special Access Service (Cont'd)

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(G)(1) following. Available facility interfaces are set forth in Section 15.2.4(G) following.

7.10.2 Digital Data Access 2 (DA2) Special Access Service

(A) Description

Special Access Service DA2 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 4.8 kbps rate between an IC terminal location and an end user premises. The service is synchronous with timing provided through the Telephone Company's facilities to the end user on the received bit stream.

DA2 is available only between the IC terminal location and locations designed by the Telephone Company which are served by digital facilities. All other locations are connectable to the Telephone Company designated digital Hub only through an analog off-network extension which is provided as a VG 10 Service as set forth in Section 7.5.10 preceding.

Rates and charges for Special Access Service DA2 are set forth in Section 17.3.7 following.

(B) Illustrative Applications

Special Access Service DA2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data - 4.8 kbps

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 Digital Data Access Services (Cont'd)

7.10.2 Digital Data Access 2 (DA2) Special Access Service (Cont'd)

(C) Optional Features

- Loop transfer arrangement.
- Central office bridging capability.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(G)(2) following. Available facility interfaces are set forth in Section 15.2.4(G) following.

7.10.3 Digital Data Access 3 (DA3) Special Access Service

(A) Description

Special Access Service DA3 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 9.6 kbps rate between an IC terminal location and an end user premises. The service is synchronous with timing provided through the Telephone Company's facilities to the end user on the received bit stream.

DA3 is available only between the IC terminal location and locations designed by the Telephone Company which are served by digital facilities. All other locations are connectable to the Telephone Company designated digital Hub only through an analog off-network extension which is provided as a VG 10 Service as set forth in Section 7.5.10 preceding.

Rates and charges for Special Access Service DA3 are set forth in Section 17.3.7 following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 Digital Data Access Services (Cont'd)

7.10.3 Digital Data Access 3 (DA3) Special Access Service (Cont'd)

(B) Illustrative Applications

Special Access Service DA3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data - 9.6 kbps

(C) Optional Features

- Loop transfer arrangement.
- Central office bridging capability.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(G)(3) following. Available facility interfaces are set forth in Section 15.2.4(G) following.

7.10.4 Digital Data Access 4 (DA4) Special Access Service

(A) Description

Special Access Service DA4 provides a channel for duplex four-wire transmission capability of serial synchronous data at the 56 kbps rate between an IC terminal location and an end user premises. The service is synchronous with timing provided through the Telephone Company's facilities to the end user on the received bit stream.

DA4 is available only between the IC terminal location and locations designed by the Telephone Company which are served by digital facilities. All other locations are connectable to the Telephone Company designated digital Hub only through an analog off-network extension which is provided as a Wideband Digital Service as set forth in Section 7.9 preceding.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 Digital Data Access Services (Cont'd)

7.10.4 Digital Data Access 4 (DA4) Special Access Service (Cont'd)

(A) Description (Cont'd)

Rates and charges for Special Access Service DA4 are set forth in Section 17.3.7 following.

(B) Illustrative Applications

Special Access Service DA4 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Data - 56 kbps

(C) Optional Features

- Loop transfer arrangement.
- Central office bridging capability.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(G)(4) following. Available facility interfaces are set forth in Section 15.2.4(G) following.

7.10.5 Subrate Multiplexed Digital Data Access 1 (SR1)

Special Connector Service

(A) Description

Special Access Service SR1 provides the ability to combine up to 20 DA1 Special Access Services into a single channel of a HC1 Special Access Service. Note: The only rate elements applicable to this service are the Carrier Submultiplexing Unit and the Carrier Multiplexing Plug-Ins per 64 kbps channel.

Rates and charges for Special Access Service SR1 are set forth in Section 17.3.7 following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 Digital Data Access Services (Cont'd)

7.10.5 Subrate Multiplexed Digital Data Access 1 (SR1) Special Connector Service (Cont'd)

(B) Illustrative Applications

None

(C) Optional Features

None

(D) Transmission Performance Requirements and Available Facility Interfaces

None

7.10.6 Subrate Multiplexed Digital Data Access 2 (SR2)

Special Connector Service

(A) Description

Special Access Service SR2 provides the ability to combine up to 10 DA2 Special Access Services into a single channel of a HC1 Special Access Service. Note: The only rate elements applicable to this service are the Carrier Submultiplexing Unit and the Carrier Multiplexing Plug-Ins per 64 kbps channel.

Rates and charges for Special Access Service SR2 are set forth in Section 17.3.7 following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.10 Digital Data Access Services (Cont'd)

7.10.6 Subrate Multiplexed Digital Data Access 2 (SR2) Special Connector Service (Cont'd)

(B) Illustrative Applications

None

(C) Optional Features

None

(D) Transmission Performance Requirements and Available Facility Interfaces

None

7.10.7 Subrate Multiplexed Digital Data Access 3 (SR3) Special Connector Service

(A) Description

Special Access Service SR3 provides the ability to combine up to 5 DA3 Special Access Services into a single channel of a HC1 Special Access Service. Note: The only rate elements applicable to this service are the Carrier Submultiplexing Unit and the Carrier Multiplexing Plug-Ins per 64 kbps channel.

Rates and charges for Special Access Service SR3 are set forth in Section 17.3.7 following.

(B) Illustrative Applications

None

(C) Optional Features

None

(D) Transmission Performance Requirements and Available Facility Interfaces

None

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Services

7.11.1 High Capacity 1 (HC1) Special Access Service

(A) Description

Special Access Service HC1 provides a channel for the transmission of nominal 1.544 Mbps isochronous serial data between an IC terminal location and an end user premises, between IC terminal locations or between an IC terminal location and a Telephone Company designated Hub where multiplexing is offered.

Rates and charges for Special Access Service HC1 are set forth in Section 17.3.8 following.

(B) Illustrative Applications

Special Access Service HC1 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- 1.544 Mbps Access Line

(C) Optional Features

- Automatic Protection Switching.
- Central office multiplexing.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(H)(1) following. Available facility interfaces are set forth in Section 15.2.4(H) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Services (Cont'd)

7.11.2 High Capacity 2 (HC2) Special Access Service

(A) Description

Special Access Service HC2 provides a channel for the transmission of nominal 6.312 Mbps isochronous serial data between an IC terminal locations or between IC terminal location and a Telephone Company designated Hub where multiplexing is offered.

Rates and charges for Special Access Service HC2 are set forth in Section 17.3.8 following.

(B) Illustrative Applications

Special Access Service HC2 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

(C) Optional Features

- Central office multiplexing.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(H)(2) following. Available facility interfaces are set forth in Section 15.2.4(H) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Services (Cont'd)

7.11.3 High Capacity 3 (HC3) Special Access Service

(A) Description

Special Access Service HC3 provides a channel for the transmission of 44.736 Mbps isochronous serial data between an IC terminal locations or between IC terminal location and a Telephone Company designated Hub where multiplexing is offered.

Rates and charges for Special Access Service HC3 are set forth in Section 17.3.8 following.

(B) Illustrative Applications

Special Access Service HC3 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

(C) Optional Features

- Central office multiplexing.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(H)(3) following. Available facility interfaces are set forth in Section 15.2.4(H) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Services (Cont'd)

7.11.4 High Capacity 4 (HC4) Special Access Service

(A) Description

Special Access Service HC4 provides a channel for the transmission of 274.176 Mbps isochronous serial data between an IC terminal locations or between IC terminal location and a Telephone Company designated Hub where multiplexing is offered.

Rates and charges for Special Access Service HC4 are set forth in Section 17.3.8 following.

(B) Illustrative Applications

Special Access Service HC4 is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- Digital Service - High Speed

(C) Optional Features

- Central office multiplexing.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(H)(4) following. Available facility interfaces are set forth in Section 15.2.4(H) following.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Services (Cont'd)

7.11.5 High Capacity 1C (HC1C) Special Access Service

(A) Description

Special Access Service HC1C provides a channel for the transmission of nominal 3.152 Mbps isochronous serial data between an IC terminal locations or between IC terminal location and a Telephone Company designated Hub where multiplexing is offered.

Rates and charges for Special Access Service HC1C are set forth in Section 17.3.8 following.

(B) Illustrative Applications

Special Access Service HC1C is suitable for use as part of the facilities required to provide intrastate telecommunications services such as:

- 3.152 Mbps Access Line

(C) Optional Features

- Central office multiplexing.

(D) Transmission Performance Requirements and Available Facility Interfaces

Transmission performance requirements are set forth in Section 15.2.1(H)(5) following. Available facility interfaces are set forth in Section 15.2.4(H) following.

ACCESS SERVICE

SECTION CONTENTS

ACCESS SERVICE

8. Billing and Collection Services

The Telephone Company will provide the following services:

(A) Recording Service,
(B) Billing Service,
(C) Billing Analysis Service, and
(D) Billing Information Service.

8.1 Recording Service

The Telephone Company will provide Recording Service in association with the offering of FGC and FGD Switched Access Service for customer messages that can be recorded by Telephone Company provided automatic message accounting equipment. In addition, where the Telephone Company records the customer messages on manual tickets, the Telephone Company will provide Recording Service for the manual tickets. At offices where the Telephone Company provides FGA Switched Access Service and has the ability to record the FGA call detail with automatic message accounting equipment and mark the recorded call detail as FGA call detail for a specific customer, the Telephone Company will provide Recording Service for FGA Switched Access Service.

The Telephone Company will provide Recording Service in its operating territory. The minimum territory for which the Telephone Company will provide Recording Service is all the appropriately equipped offices in Texas for which the customer has ordered FGA, FGC or FGD Switched Access Service.

For FGC and FGD Switched Access Service, the term "customer message" used herein denotes a completed intrastate call originated by a customer's end user. A customer message begins when answer supervision from the premise of the ordering customer is received by Telephone Company recording equipment indicating that the called party has answered. A message ends when disconnect supervision is received by Telephone Company recording equipment from either the premise of the ordering customer or the customer's end user premise from which the call originated.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.1 Recording Service (Cont'd)

For FGA Switched Access Service, the term "customer message" used herein denotes a completed call over an intrastate FGA Switched Access Service. A completed call includes both completed calls originated to and terminated from a FGA Switched Access Service. A customer message begins in the originating direction when the off-hook supervision provided by the premise of the ordering customer is received by Telephone Company recording equipment. A customer message begins in the terminating direction when answer supervision is received by Telephone Company recording equipment indicating the called party has answered. A customer message ends in the originating direction when disconnect supervision is received by Telephone Company recording equipment from the premise of the ordering customer. A customer message ends in the terminating direction when disconnect supervision is received by Telephone Company recording equipment from either the premise of the ordering customer or the called party.

8.1.1 General Description

Recording Service is the recording of the details of a customer message and, when requested by the customer, the provision of those details to the customer. Recording Service includes recording, assembly and editing, and provision of recorded customer message detail.

Recording is the entering on magnetic tape or other acceptable media the details of customer messages originated through Switched Access Service for which answer and disconnect supervision has been received. Recording is provided 24 hours a day, 7 days a week.

Assembly and editing is the aggregation of the recorded customer message details to create individual messages and the verification that the data required for rating, in accordance with the standard format established by the Telephone Company, is present. Assembly and editing is performed at least once a week.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.1 Recording Service (Cont'd)

8.1.1 General Description (Cont'd)

Provision of customer message detail is the provision of magnetic tapes containing the assembled and edited customer message detail and when requested by the customer, data-transmitting the assembled and edited customer message detail to the customer, sorting the message detail, and providing name and address information for the message detail. Except for lost or damaged records, the recorded detail will be available to the customer not more than five business days after the date all the detail requested by the customer was processed by the Telephone Company.

8.1.2 Undertaking of the Telephone Company

(A) The Telephone Company will record all customer messages carried over FGC and FGD Switched Access Service that are available to Telephone Company provided recording equipment or operators. The Telephone Company will record all customer messages, including interLATA intrastate messages and interLATA interstate messages, carried over a FGA Switched Access Service. Unavailable customer messages (i.e., certain FGC operator and TSPS messages which are not accessible by Telephone Company provided recording equipment or operators) will not be recorded. The recording equipment will be provided at locations selected by the Telephone Company. Assembly and editing will be performed on all customer messages recorded during the billing period established by the Telephone Company. Except as set forth in Sections 8.1.2(F) and 8.1.3 following, recorded message detail from previous billing periods will not be recovered and made available to the customer.

(B) A standard format for the provision of the recorded customer message detail will be established by the Telephone Company and provided to the customer. If, in the course of Telephone Company business, it is necessary to change the format, the Telephone Company will notify the involved customers six months prior to the change.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.1 Recording Service (Cont'd)

8.1.2 Undertaking of the Telephone Company (Cont'd)

(C) The recorded customer message detail provided to the customer will, when requested by the customer, be sorted to furnish detail to meet the customer's need.

Also, name and address information will, when requested by the customer and to the extent the required names and addresses are available in the Telephone Company customer information data bases, be provided for the recorded customer message detail.

The sorting will be provided in accordance with the specifications the customer provides when it orders recorded customer message detail with sorting. If the information necessary to sort the recorded message detail as requested by the customer is not available in the recorded message detail (i.e., a sort based on any other information other than calling number or called number), the Telephone Company will provide the sorting if (1) the information necessary to perform the sort is contained in its customer information data bases, or the Wire Center Information as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. No. 4, or (2) the customer provides the necessary information. If the sorting is to be performed using information which is confidential due to legal, national security, end user or regulatory imposed requirements, the information will not be used unless the customer secures written permission from the end user for the Telephone Company to use such information as requested by the customer.

The name and address information will be provided with the recorded customer message detail and included on the magnetic tapes containing the recorded customer message detail.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.1 Recording Service (Cont'd)

8.1.2 Undertaking of the Telephone Company (Cont'd)

(C) (Cont'd)

The name and address information will be provided in a format in accordance with the specifications the customer provides when it orders recorded customer message detail. The name and address information will be obtained by the Telephone Company from its customer information data bases. The name and address information will be provided for the calling number shown in the recorded customer message detail to the extent a name and address exists in the Telephone Company customer information data bases (i.e., some calling number names and addresses may be confidential). If the name and address information for a specific calling number is confidential due to legal, national security, end user or regulatory imposed requirements, the name and address information will not be used unless the customer secures written permission from the end user for the Telephone Company to use the information as requested by the customer.

When sorting of recorded customer message detail and/or name and address information is provided to the customer, the interval, minimum period and charges to provide the sorting and/or name and address information will be determined on an individual case basis.

(D) Recorded customer message detail with or without sorting and names and addresses will be provided to a customer as set forth in (E) following. The Telephone Company will determine the number of magnetic tapes or data files required to provide the recorded message detail to the customer.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.1 Recording Service (Cont'd)

8.1.2 Undertaking of the Telephone Company (Cont'd)

(E) At the request of a customer, magnetic tapes containing the recorded customer message details with or without sorting and names and addresses will be provided to a customer as part of Recording Service. The magnetic tapes will be provided without the return of previously supplied tapes. The Telephone Company will supply the magnetic tapes. Unless specified otherwise by the customer, the magnetic tapes will be sent to the customer via first class U.S. Mail service. However, the customer may pick up the magnetic tapes at a location designated by the Telephone Company or request that the detail on the magnetic tapes or in a data file be data-transmitted to the customer. When the recorded customer details are data-transmitted to a customer premise, the data transmission charges will be determined on an individual case basis. When the customer does not wish to receive the recorded customer message details, except when sorting and name and address information is provided, and the Telephone Company receives notice from the customer at least two weeks prior to the date the details would be sent to the customer, the charge as set forth in Section 17.5.1(C) following does not apply. When sorting and name and address information is provided and the customer does not wish to receive the recorded customer message detail, the terms and conditions will be as set forth in an individual case basis agreement.

(F) Recorded customer message detail which is used at the request of the customer to provide Message Processing and Message Bill Processing Service is not retained by the Telephone Company for longer than 45 days. The rated but unbilled message detail and the billed message detail is retained for reference (i.e. on paper or microfiche) in place of the recorded customer message detail. For recorded customer message detail not used by Message Processing Service at the customer's request, the Telephone Company will make every reasonable effort

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.1 Recording Service (Cont'd)

8.1.2 Undertaking of the Telephone Company (Cont'd)

(F) (Cont'd)

to recover recorded customer message detail previously made available to the customer and make it available again for the customer. The charges as set forth in Section 17.5.1(C) following will apply for all such detail provided. When the recorded customer message details are data-transmitted to a customer premise, the data transmission charges will be determined on an individual case basis. Such a request must be made within 30 days from the date the details were initially made available to the customer.

8.1.3 Liability of the Telephone Company

Notwithstanding Section 2.1.3 preceding, the Telephone Company liability for Recording Service is as follows:

(A) If customer message detail is not available because the Telephone Company lost or damaged tapes or incurred recording system outages, the Telephone Company will estimate the volume of lost customer messages and associated revenue based on previously known values. The estimated customer message volume will be included along with the customer message detail provided to the customer and/or provided for Message Processing Service. In such events the extent of the Telephone Company's liability for damages shall be limited to the granting of a corresponding credit adjustment to the customer amounts due to account for the unbillable revenue.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.1 Recording Service (Cont'd)

8.1.3 Liability of the Telephone Company (Cont'd)

(B) When the Telephone Company is notified that, due to error or omission, incomplete data have been provided to a customer, the Telephone Company will make every reasonable effort to locate and/or recover the data and provide new magnetic tapes to the customer at no additional charge. Such request to recover the data must be made within 30 days from the date the details were initially made available to the customer. If the data cannot be recovered, the extent of the Telephone Company's liability for damages shall be limited as set forth in (A) preceding.

(C) In the absence of willful misconduct, no liability for damages to the customer or other person or entity other than as set forth in (A) and (B) preceding shall be attached to the Telephone Company for its action or the conduct of its employees in providing Recording Service.

8.1.4 Obligations of the Customer

(A) The customer shall order Recording Service under a Special Order where the service is desired.

The customer shall order Recording Service at least one month prior to the date when the customer message detail is to be recorded.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.1 Recording Service (Cont'd)

8.1.4 Obligations of the Customer (Cont'd)

(B) The customer shall order provision of recorded customer message detail without sorting or name and address information at least one month prior to the date when it wishes to receive the recorded message detail. However, the customer may wish to receive magnetic tapes of the recorded customer message detail without sorting or name and address information or have the recorded detail data-transmitted to a customer premise at some times and not at others. Therefore, change in the provision of recorded customer message detail without sorting and name and address information to the customer will be accommodated provided the customer gives two weeks advance written notification to the Telephone Company.

For recorded customer message detail with sorting and/or name and address information, the customer shall order the detail in accordance with the terms and conditions of the individual case basis established and filed in this tariff to cover the provision of recorded customer message detail with sorting and/or name and address information.

(C) The premises of the ordering customer shall provide such signals as may be required for the proper operation of the Telephone Company's automatic message accounting equipment used to perform the detail recordings.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.1 Recording Service (Cont'd)

8.1.5 Payment Arrangements and Audit Provision

(A) Audit Provision

Upon reasonable written notice by the customer to the Telephone Company, the customer shall have the right, through its authorized representative, to examine and audit, during normal business hours and at reasonable intervals as determined by the Telephone Company, all records and accounts that may, under recognized accounting practices, contain information bearing upon the recording of messages for which amounts may be payable to the customer. Adjustment shall be made by the proper party to compensate for any errors or omissions disclosed by such examination or audit. Neither such right to examine and audit nor the right to receive such adjustment shall be affected by any statement to the contrary, appearing on checks or otherwise, unless such statement expressly waiving such right appears in a letter signed by the authorized representative of the party having such right and delivered to the other party.

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

(B) Minimum Period and Minimum Monthly Charge

The minimum period for which Recording Service without sorting and/or name and address information is provided and for which charges apply is one month.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.1 Recording Service (Cont'd)

8.1.5 Payment Arrangements and Audit Provision (Cont'd)

(B) Minimum Period and Minimum Monthly Charge (Cont'd)

The minimum monthly charges are the charges for customer messages recorded, customer messages assembled and edited (except when Message Processing Service is ordered for the same monthly period) and, when ordered by the customer, provision of customer message detail without sorting and/or name and address information on magnetic tapes or data files. If the service is canceled or discontinued prior to entering the customer message detail on magnetic tapes or data files, the minimum monthly charge will be the charge for all customer messages recorded, assembled and edited for a 30 day period. The Telephone Company will use the most recent 30 day period for which data is available to determine the minimum charge.

(C) Cancellation of a Special Order

A customer may cancel a Special Order for Recording Service on any date prior to the service date. The cancellation date is the date the Telephone Company receives written or verbal notice from the customer that the Special Order is to be canceled. The verbal notice must be followed by written confirmation within 10 days. The service date for Recording Service is the date the customer requests the recordings to start.

When a customer cancels a Special Order for Recording Service after the order date but prior to the start of service, the minimum monthly charges will apply.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.1 Recording Service (Cont'd)

8.1.5 Payment Arrangements and Audit Provision (Cont'd)

(D) Changes to Special Orders

When a customer requests material changes to a pending Special Order for Recording Service, the pending Special Order will be canceled and the requested changes will be undertaken if they can be accommodated by the Telephone Company under a new Special Order. Material changes to a pending Special Order for Recording Service include changes in the location and/or number of Telephone Company recording locations, changes in sorting parameters, provision of end user phone number and address, provision of data transmission to a customer location of customer recorded message detail, and changes in schedules, dates or intervals for receipt of customer recorded message detail. Non-material changes to a pending Special Order include changes in customer name, customer address and customer requests to receive Recording Service output at the Telephone Company location instead of through U.S. Mail. All cancellation charges as set forth in (C) preceding will apply for the canceled Special Order.

8.1.6 Rate Regulations

(A) For each customer message recorded, the recording and the assembling and editing charges as set forth in Section 17.5.1 following apply except when the customer orders Message Processing Service. When Message Processing Service as set forth in Section 8.2.1(A)(1) following is ordered for the same month that Recording Service is ordered, the assembling and editing charge does not apply per customer message.

The charges for recording and for assembly and editing apply per message recorded and per message assembled and edited whether or not the customer's schedule of rates specifies billing on a per message basis or any other basis.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.1 Recording Service (Cont'd)

8.1.6 Rate Regulations (Cont'd)

(B) The per Special Order charge applies for each Special Order accepted by the Telephone Company for Recording Service.

(C) When message detail, with or without sorting and/or name and address information, is entered on a data file or magnetic tape for provision of message detail to a customer, the per tape charge applies for each data file or magnetic tape prepared, and the per record charge applies for each record processed. A record is a logical grouping of information as described in the programs that process the information and load the magnetic tapes or data file. The Telephone Company will determine the charges based on the number of data files or magnetic tapes prepared and on its count of the records processed. The number of records processed will be determined using the number of records input to or the number of records output from the programs that process the information and load the magnetic tapes or data file, whichever number of records is higher.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service

At the request of a customer, the Telephone Company with reasonable notice and reasonable effort will provide Billing Service.

The Telephone Company will provide Billing Service in its operating territory. The minimum territory for which the Telephone Company will provide Billing Service is its operating territory when the Telephone Company supplies the input records at the customer's request. When the customer supplies the input records, the Telephone Company will process the input records supplied by the customer as set forth in Sections 8.2.1 and 8.2.2 following.

The Telephone Company will provide two types of Billing Service: (1) Message Billing Service as set forth in Section 8.2.1 following; and (2) Private Line Billing Service as set forth in Section 8.2.2 following.

The Telephone Company will provide Bill Processing Service and Private Line Billing Service only on the condition that (1) it purchases the accounts receivable, if any, from the customer as set forth in Section 8.2.3 following or, (2) the Telephone Company agrees to act as billing agent for the customer.

The Telephone Company will not render bills under this tariff for the provision and/or delivery of telegrams, flowers, gifts, wine or other like services that a customer offers.

8.2.1 Message Billing Service

Message Billing Service consists of Message Processing Service and Bill Processing Service. A customer may order Message Processing Service or Bill Processing Service or both services.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(A) General Description

(1) Message Processing Service

Message Processing Service is the transforming of the recorded customer call details into rated customer messages in preparation for billing. Message Processing Service includes initial data entry and rating of messages.

Initial data entry is the assembly of recorded customer call details into customer messages. This function includes editing and verification of recorded details to assure that the data required for rating are present.

Rating of customer messages is the computing of applicable charges for each customer message based on the customer provided schedule of rates. Rating also includes the preparation of customer message detail for input to Bill Processing Service, the customer, or other entities.

Further, rating is always performed and editing may be performed coincident with the implementation of a change in the customer's schedule of rates.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(A) General Description (Cont'd)

(2) Bill Processing Service

Bill Processing Service is the preparation of bills for message-billed service and bulk-billed service, mailing of statements of the amounts due for service received from the customer and the collection of deposits and monies due from the end users. Bill Processing Service includes message-billed (when necessary) and bulk-billed account establishment, posting of rated messages and rate elements, rendering of bills, collection of deposits, receiving payments, maintenance of accounts, treatment of accounts, message investigation and inquiry (when ordered by the customer).

Bulk-billed service is a billing service for an end user account with a Switched Access Line where individual customer messages are not posted to the account and are not listed on the bill rendered to the end user.

Message-billed service is a billing service for an end user account with an end user common line where individual customer messages are posted to the account and are listed on the bill rendered to the end user. Message-billed service is also a billing service for a customer credit card end user account without an end user common line or Switched Access Line where individual messages or groups of messages are posted to the account and listed on the bill rendered to the end user.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(A) General Description (Cont'd)

(2) Bill Processing Service (Cont'd)

Account establishment is the preparation of a customer's end user record so that a bill can be sent to that end user.

Posting of rated messages is the processing for billing of rated messages. Posting also is the examination and identification of all the rateable elements specified by the customer to be billed to an end user. Application of appropriate customer rates and charges to all such rate elements is also included when requested by the customer. The rating may be performed by the Telephone Company, another entity or the customer. Editing and rating of rate elements is performed when customer services are established or changed. Rating is always performed and editing may be performed coincident with implementation of a change in the customer's schedule of rates.

Rendering of bills is the preparation and mailing of statements of the deposits and amounts due from the end user for customer message-billed and bulk-billed services. These statements may, at Telephone Company choice, be included as part of the regular monthly bill for local telephone exchange service mailed to the end user.

Receiving payment and maintenance of accounts is the collection of monies from end users for services furnished by the customer and maintenance of records of all transactions.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(A) General Description (Cont'd)

(2) Bill Processing Service (Cont'd)

Treatment of accounts is the forwarding of notices of delinquent or unpaid end user accounts, posting of credits and adjustments and, when necessary as determined by the Telephone Company, denial of the customer's services and/or local telephone exchange service to an end user. Where local telephone exchange service access is denied, access to customer service will also be denied.

Message investigation is that activity undertaken by the Telephone Company to secure, or attempt to secure, proper billing information for customer messages.

Inquiry is the answering of end user questions about charges billed for customer services and application of credits and adjustments to end user accounts and review of customer messages removed from an end user's bill.

(B) Undertaking of the Telephone Company

(1) Message Processing Service

(a) When Message Processing is ordered by a customer, the Telephone Company will process all of the customer messages it possesses as set forth in (b) through (l) following at rates and charges set forth in Section 17.5.2 following.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(1) Message Processing Service (Cont'd)

(b) The Telephone Company will provide Message Processing Service only for customer messages originating or recorded within the operating territory of the Telephone Company. The customer messages which the Telephone Company will process may be customer messages from Recording Service as set forth in Section 8.1 preceding or, at the direction of the customer, other customer messages which are chargeable in accordance with the rate schedule furnished by the customer.

Any sent-paid coin messages provided as input by the customer will be processed unless the customer specifies, in writing, that such messages are not to be processed. When such messages are processed, message processing charges will apply. When such messages are not processed they may not be included in any message detail provided to the customer.

(c) A record of customer call details is required to provide Message Processing Service. Where a customer subscribes to Recording Service as set forth in Section 8.1 preceding, those recorded details may be used as the input. Where the customer provides the call details, the records must be in the standard format established by the Telephone Company and delivered to the location specified by the Telephone Company. The charges as set forth in Section 17.5.2(L) following will apply if the customer data-transmits its call details to the Telephone Company. If the customer provided records must be converted by

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(1) Message Processing Service (Cont'd)

(c) (Cont'd)

the Telephone Company to the standard format, and the Telephone Company agrees to make the conversion, the program development charges as set forth in Section 17.5.2(C) following apply for the hours required to design, develop, test and maintain the necessary programs. The assembling and editing charge, as set forth in Section 17.5.1(B) following, applies in addition to all other charges for all such details converted by the Telephone Company. The Telephone Company will provide to the customer the precise details of the required standard format. If, in the course of Telephone Company business, it is necessary to change the standard format, the Telephone Company will provide notification to the involved customers six months prior to the change. If the customer requests the customer provided call details be reprocessed by the Telephone Company because of a customer error, the Telephone Company will reprocess the customer provided call details and the appropriate charges as set forth in Section 17.5 following will apply.

(d) The Telephone Company will develop the customer's schedule of rates into a rating program. Program development charges, as set forth in Section 17.5.2(C) following, apply for the hours required to design, develop, test and maintain the necessary programs.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(1) Message Processing Service (Cont'd)

(e) Upon acceptance by the Telephone Company of a Special Order for Message Processing Service from a customer, the Telephone Company will determine the period of time to implement such service on an individual order basis.

(f) Changes in the rate levels of customer charges to be billed will normally be implemented within 30 days after receipt of a Special Order from the customer requesting such changes. Such changes will require modifications of the rating program. Program development charges, as set forth in Section 17.5.2(C) following, apply for the hours required to design, develop, test and maintain the necessary program changes. If any customer message detail must be reprocessed in order to apply the rate changes, the appropriate message processing charges as set forth in Section 17.5.2(A) and (B) following apply for all customer messages reprocessed.

(g) Changes in the rate structure for customer services to be billed also require a change in the rating program. When the Telephone Company determines that it can accommodate the changes, the conditions and the period of time required to make such changes will be determined on an individual order basis. Program development charges, as set forth in Section 17.5.2(C) following, apply for the hours required to design, develop, test and maintain the necessary program changes.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(1) Message Processing Service (Cont'd)

(g) (Cont'd)

If any customer message detail must be reprocessed in order to apply the rate structure changes, the appropriate message processing charges as set forth in Section 17.5.2(A) and (B) following apply for all customer messages reprocessed.

(h) Where the Telephone Company has rated customer messages which are to be billed to an end user by another exchange Telephone Company, the Telephone Company will enter the customer messages on a magnetic tape or data file which can be used for data transmission of the details. When the customer has so arranged with an involved exchange Telephone Company, the Telephone Company will transmit the rated customer message details to such other exchange Telephone Company for billing to end users in its operating territories. When the customer does not have billing arrangements with an exchange Telephone Company, rated customer messages for billing to the end users of such an exchange Telephone Company will be delivered to the customer. The charges as set forth in Section 17.5.2(D) following apply to rated customer messages that are data-transmitted to the other exchange Telephone Companies. The charges as set forth in Section 17.5.2(E) following apply to rated customer messages that are delivered to the customer.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(1) Message Processing Service (Cont'd)

(h) (Cont'd)

When the customer message details are data-transmitted to the location designated by the customer, the data transmission charges will be determined on an individual case basis. Program development charges as set forth in Section 17.5.2(C) following apply for the hours required to design, develop, test and maintain the necessary programs.

(i) Where the rates for customer services have been implemented under an accounting order pending final approval from a regulatory agency, the Telephone Company will, upon written request from the customer, keep such records as may be required to make any adjustments to the end users as may be ordered by the regulatory agency. The charges for such a service will be determined on an individual case basis.

(j) The Telephone Company will, upon request, provide the customer the rated customer message detail.

The rated customer message detail will be provided on a request by request basis in a format similar to that used by the Telephone Company as input to Bill Processing Service. All rated customer message detail available to the Telephone Company will be provided to the customer. The rated customer message detail will not be sorted to furnish detail by specific end users, groups of end users, by office or by location.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(1) Message Processing Service (Cont'd)

(j) (Cont'd)

The Telephone Company will provide the customer detail on a magnetic tape. The magnetic tapes will be provided without the return of previously supplied tapes. The Telephone Company will supply the magnetic tapes. Program development charges, as set forth in Section 17.5.2(C) following, apply for the hours required to design, develop, test and maintain the necessary programs. When a magnetic tape is provided, the charges as set forth in Section 17.5.2(E) following also apply.

Unless specified otherwise by the customer, the magnetic tapes will be sent to the customer using first class U.S. Mail service. However, the customer may pick up the magnetic tapes at a location designated by the Telephone Company or request the information on the magnetic tapes be data-transmitted to the customer. When the information is data-transmitted to a location designated by the customer, the data transmission charges will be determined on an individual case basis.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(1) Message Processing Service (Cont'd)

(k) If the customer makes a request within 30 days of the date the customer details were initially made available to the customer, the Telephone Company will make a reasonable effort to recover the customer detail and make it available again to the customer. The charges as set forth in Section 17.5.2(E) following apply for all such customer detail provided. When the customer details are data-transmitted to a location designated by the customer, the data transmission charges will be determined on an individual case basis.

(l) Customer messages which the Telephone Company processes that cannot be rated in accordance with the customer rate schedule will be reviewed by Telephone Company message investigation groups. Upon completion of the review, rated customer messages will be delivered to the customer when the customer orders such service or to Bill Processing Service when the customer orders such service. Unrated customer messages will be handled in accordance with instructions that have been mutually determined by the Telephone Company and the customer. At the request of the customer, the unrated customer messages will be reviewed by Telephone Company message investigation groups for unauthorized use of the customer service for a period of up to 90 days after the customer message was processed. The appropriate charges, as set forth in Section 17.5.2(E) or (G) and (H) following will apply.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(2) Bill Processing Service

(a) When Bill Processing Service is ordered by a customer, the Telephone Company will establish and maintain end user accounts and prepare and render bills for all customer messages, bulk-billed messages and related rate elements it possesses as set forth in (b) through (n) following at rates and charges as set forth in Section 17.5.2 following. The Telephone Company will not establish an end user account with any customer balance due.

In addition, the Telephone Company will, in accordance with Telephone Company deposit regulations, determine and collect a deposit from the end user for the customer service. The Telephone Company will, when necessary in accordance with the Telephone Company deposit regulations, determine and collect the service deposit when an end user account is established or for established accounts when the first customer message is posted to the end user account.

The Telephone Company will, when necessary in accordance with the Telephone Company deposit regulations, maintain a service deposit balance for each end user account. Service deposits will not be maintained by individual customer accounts but will be maintained for the end user account in general. The Telephone Company will provide the customer a copy of its service deposit regulations upon request from the customer.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(2) Bill Processing Service (Cont'd)

(b) The Telephone Company will provide Bill Processing Service for message-billed service, bulk-billed service and related rate elements which are posted to end user accounts located within the operating territory of the Telephone Company only. The Telephone Company will separate the rated customer messages into a message-billed group and a bulk-billed group for application of rates as set forth in Section 17.5.2 following.

(c) At the request of the customer, the Telephone Company will prepare and distribute customer credit cards by first class U.S. Mail service. The Telephone Company will assign the credit card number and will mark its records and files to show that an end user has been issued a customer credit card. The Telephone Company will specify the information it requires to issue a credit card and the format to be used by the customer in furnishing such information. The charges as set forth in Section 17.5.2(M) following apply. Plastic coated paper cards will be distributed unless the customer requests another type of card be provided. Charges to prepare and distribute other such cards will be developed on an individual case basis. When it becomes necessary, as determined by the Telephone Company, to change the credit card number or discontinue the billing of credit card calls to an end user account because of nonpayment of charges or unauthorized use of Telephone Company and customer service offerings, the Telephone Company will notify the customer. The Telephone

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(2) Bill Processing Service (Cont'd)

(c) (Cont'd)

Company will provide the customer the credit card number, associated end user account name and billing address for the credit card number change or billing discontinued. All charges for calls associated with such a discontinued credit card after the customer has been notified will become the responsibility of the customer. End user questions concerning the issuing of customer credit cards will not be handled by the Telephone Company.

(d) Rated customer messages are required to provide Bill Processing Service. If the customer subscribes to Message Processing Service as set forth in (1) preceding, the rated customer messages may be used as the input. If the customer provides the rated customer messages, those customer messages must be in the standard format established by the Telephone Company and delivered to the location specified by the Telephone Company. The charges as set forth in Section 17.5.2(L) following apply if the customer data-transmits its rated message data to the Telephone Company.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(2) Bill Processing Service (Cont'd)

(d) (Cont'd)

Such customer provided rated message data must identify the end user account to be billed. If the customer provided rated messages must be converted by the Telephone Company to the standard format and the Telephone Company agrees to make the conversion, program development charges as set forth in Section 17.5.2(C) following apply for the hours required to design, develop, test and maintain the necessary programs. The assembling and editing charge, as set forth in Section 17.5.1(B) following, applies in addition to all other charges for all such rated customer messages converted by the Telephone Company. The Telephone Company will provide to the customer the precise details of the required format. If, in the course of Telephone Company business, it is necessary to change the format, the Telephone Company will notify the involved customers six months prior to the change. If the customer requests the customer provided rated messages be reprocessed by the Telephone Company because of a customer error, the Telephone Company will reprocess the customer provided rated messages and the appropriate charges as set forth in Section 17.5.2 following will apply.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(2) Bill Processing Service (Cont'd)

(e) For end user accounts in its operating territory where the customer has ordered Bill Processing Service, the Telephone Company will bill all rated customer messages provided by the customer. The bill format will be determined by the Telephone Company.

(f) Upon acceptance by the Telephone Company of a Special Order for Bill Processing Service from a customer, the Telephone Company will determine the conditions and the period of time to implement such service on an individual order basis. Program development charges, as set forth in Section 17.5.2(C) following, apply for the hours required to design, develop, test and maintain the necessary programs including any programs to rate, change the rates of or change the rate structure of any rate elements associated with the customer services.

(g) The Telephone Company will provide Bill Processing Service only on the condition that (1) it purchases the accounts receivable from the customer as set forth in Section 8.2.3 following or, (2) the Telephone Company agrees to act as billing agent for the customer.

(h) The Telephone Company will not provide any information related to Bill Processing Service accounts under this section of the tariff. Bill Processing Services information may be obtained as set forth in Section 8.4 following.

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(2) Bill Processing Service (Cont'd)

(i) The Telephone Company will, at the option of the customer, provide message-billed Bill Processing Service with or without inquiry and bulk-billed Bill Processing Service with or without inquiry. When the Telephone Company provides inquiry, the Telephone Company will be responsible for contacts and arrangements with the customer's end users concerning the billing, collecting, crediting and adjusting of the customer service charges, except prior customer balances due from end users, in accordance with written instructions furnished by the customer. At the request of the customer when the customer has ordered inquiry, the billed customer messages which are removed from an end user's bill in accordance with customer inquiry instructions will be reviewed for unauthorized use of customer service by Telephone Company message investigation groups for a period of up to 90 days after the billed customer message has been removed from an end user's bill. For any billed customer messages removed from an end user's bill in accordance with customer inquiry instructions, the Telephone Company will make appropriate adjustments to the customer's accounts receivable. When the Telephone Company provides Bill Processing Service without inquiry, all contacts from customer end users concerning the customer billed amounts will be referred to the customer, and the Telephone Company will only be responsible for contacts with customer's end users concerning the collection of customer service deposits and charges, except prior

ACCESS SERVICE

8. Billing and Collection Services (Cont'd)

8.2 Billing Service (Cont'd)

8.2.1 Message Billing Service (Cont'd)

(B) Undertaking of the Telephone Company (Cont'd)

(2) Bill Processing Service (Cont'd)

(i) (Cont'd)

customer balances due from end users. Inquiry will only be provided when the customer is provided Bill Processing Service at the same time.

(j) The Telephone Company will accept customer gift certificates for payment from end users if the customer agrees in writing to redeem all such gift certificates. The format of the gift certificate must be acceptable to the Telephone Company.

(k) ated customer messages input to Bill Processing Service which the Telephone Company cannot bill for any reason will be reviewed by the Telephone Company's message investigation groups. Upon completion of the review, the billable messages will be posted and the appropriate charges, as set forth in Section 17.5.2 following, will apply. Unbillable messages will be handled in accordance with instructions that have been mutually determined by the Telephone Company and the customer. At the request of the customer, the rated customer messages which cannot be billed to an end user will be reviewed for unauthorized use of customer service by Telephone Company message investigation groups for a period of up to 90 days after the rated customer message was processed.