

**ACCESS SERVICE**

7. Special Access Service

7.1 General

Special Access Service provides a transmission path to connect two or more customer designated premises\* when all designated premises can be connected with facilities provided by the Telephone Company. If only a portion of the facilities can be provided by the Telephone Company, Special Access Service provides the transmission path necessary to connect customer designated premises in the Telephone Company's serving area with the interconnection point with another exchange telephone company. Special Access Service includes all exchange access which does not utilize Telephone Company end office switching.

7.1.1 Rate Elements

There are three basic rate elements which may apply to a Special Access Service in addition to the Special Access Surcharge described in Section 7.4.4, following, and the Message Station Equipment Recovery charge described in Section 7.4.5, following.

(A) Channel Termination

The Channel Termination provides for the communication path between a customer designated premises and the serving wire center of that premises. One Channel Termination charge applies per customer designated premises, located in the serving area of the Telephone Company, at which the channel is terminated. This charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building.

Channel Termination is the only Special Access rate element to have both a recurring and nonrecurring charge applied. All other rate elements for Special Access have only recurring charges. Rates for Channel Termination are set forth in Sections 7.5.1(A), 7.5.2(A), 7.5.3(A), and 7.5.4(A), following.

(N)  
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(N)

\* Telephone Company Centrex CO switches are considered to be customer premises for purposes of this tariff

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7. Special Access Service

7.1 General (Cont'd)

7.1.1 Rate Elements (Cont'd)

(B) Channel Mileage

The Channel Mileage rate category provides for the end office equipment and the transmission facilities between the serving wire centers associated with two customer designated premises, between a serving wire center associated with a customer designated premises and a Telephone Company hub or between two Telephone Company hubs, or between a serving wire center associated with a customer designated premises and the WATS serving office, or, if the customer utilizes the facilities of another connecting exchange carrier to access a customer designated premises, the Channel Mileage charge will provide for facilities between the end office switch and the interconnection point with the connecting exchange carrier.

Channel Mileage rates are made up of the Channel Mileage Facility rate and the Channel Mileage Termination rate.

(1) Channel Mileage Facility

The Channel Mileage Facility rate recovers the cost for the transmission path which extends between the Telephone Company serving wire centers and/or hub(s) and includes primarily outside plant used to provide the facility. Rates for Channel Mileage Facility are set forth in Sections 7.5.1.(B), 7.5.3(B), and 7.5.4(B), following.

(C)  
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(2) Channel Mileage Termination

The Channel Mileage Termination rate recovers the cost for end office equipment associated with terminating the facility (i.e., basic circuit equipment and terminations at serving wire centers and hubs), including circuit equipment. Channel Mileage Termination rate will apply at the serving wire center(s) for each customer designated premises and

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(M) Material formerly appearing on 2nd Revised Page 91 now appears on this page.

**ACCESS SERVICE**7. Special Access Service7.1 General (Cont'd)7.1.1 Rate Elements (Cont'd)(B) Channel Mileage (Cont'd)(2) Channel Mileage Termination (Cont'd)

Telephone Company hub where the channel is terminated. If the Channel Mileage is between Telephone Company bridging hubs, the Channel Mileage Termination rate will apply per Telephone Company designated hub. Rates for Channel Mileage Termination are set forth in Section 7.5.1(C), 7.5.2(C), 7.5.3(C), and 7.5.4(C) following. (C)

(C) Optional Features and Functions

Optional features and functions may be added to a Special Access Service to meet specific communications requirements. These are not necessarily identifiable with specific equipment, 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 equipment installed at various locations along the path of the service. Bridging and multiplexing are Optional Features and Functions which must be performed at a Telephone Company hub office as described in Section 7.1.6, following.

Multiplexing Service is required when a customer orders High Capacity DS1 Direct Trunked Switched Access Service, or when a customer orders High Capacity DS1 Special Access for Voice Paths or a combination of voice and data paths. Rates for Multiplexing Service are described in Section 6.9.2(E), preceding.

**ACCESS SERVICE**7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.2 Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the make-up of the facilities and services provided under this tariff as Special Access Service to aid the customer in designing its overall service. This information will be provided in the form of a Design Layout Report. The Design Layout Report will be provided to the customer at no charge, and will be reissued or updated whenever the facilities are materially changed.

7.1.3 Acceptance Testing

At no additional charge, the Telephone Company will, at the customer's request, cooperatively test at the time of installation the following parameters:

- (A) For Voice Grade analog services, acceptance test will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.
- (B) For Metallic services, High Capacity, and Digital Data Service, acceptance tests will include tests for the parameters applicable to the service as specified by the customer in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade service to test other parameters is available at the customer's request. All test results will be made available to the customer upon request. The rates described in Section 9.2.7, following, for Additional Labor will apply when additional tests are performed.

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7. Special Access Service

7.1 General (Cont'd)

7.1.4 Service Descriptions

For the purposes of ordering, there are categories of Special Access Service are Metallic (MT) Voice (VG) and High Capacity (HICAP) Service. (C)

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Technical specifications packages are described in this section. Channel interfaces are nonchargeable features of a Special Access Service and are described in Section 11.3, following.

Customized technical specifications packages will be provided where technically feasible. If the Telephone Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

When a customized channel is ordered the customer will be notified whether Additional Engineering Charges apply. In such cases, the customer will be given an estimate of the hours to be billed before any further action is taken on the order.

The channel description specifies the characteristics of the basic channel and indicates whether the channel is provided between customer designated premises, between a customer designated premises and a Telephone Company hub where bridging or multiplexing functions are performed, or, between a customer designated premises and the WATS serving office.

(A) Information pertaining to the technical specifications packages described in Section 7.2, following, indicates the transmission parameters that are available with each package. This information

**ACCESS SERVICE**7. Special Access Service (Cont'd)7.1 General (Cont'd)7.1.4 Service Descriptions (Cont'd)

## (A) (Cont'd)

is displayed in a matrix with the transmission parameters listed down the left side and the packages listed across the top. Each package is identified by a code, e.g., VGC. The first two letters of the code indicate the category of Special Access Service to which the parameters are applicable. These two letter codes are shown above in parentheses following the category of Special Access Service. The letter "C" following the two letter code indicates the technical specifications package for a customized service. A numeric or alpha-numeric designation following the two letter code indicates the specific predefined package. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. When appropriate, the Technical Reference which contains detailed specifications for the parameters is shown following the matrix.

(B) Channel interfaces at each Point of Termination on a two-point service may be symmetrical or asymmetrical. On a multipoint service they may also be symmetrical or asymmetrical, but communications can only be provided between compatible channel interfaces. Only certain channel interfaces are compatible. These are set forth in Section 11.3, following, in a combination format.

(C) Only certain channel interface combinations are available with the predefined technical specification packages. These are delineated in the Technical References set forth in

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7. Special Access Service

7.1 General (Cont'd)

7.1.4 Service Descriptions (Cont'd)

(C) (Cont'd)

When a customized channel is requested, all channel interface combinations available with the specified type of service are available with the customized channel.

(D) The Telephone Company will maintain existing transmission specifications on services installed prior to the effective date of this tariff, except that existing services with performance specifications exceeding the standards listed in the provision will be maintained at the performance levels specified in this tariff.

(E) All services installed after the effective date of this tariff will conform to the transmission specification standards contained in this tariff or in the following Technical References for each category of service:

Metallic	PUB	62502	
Voice Grade	PUB	62501 and associated Addendum	
	PUB	41004, Table 4	
High Capacity		TR-INS-000342	(N)
	PUB	62411	(N)

7.1.5 Ordering Options and Conditions

Special Access Service is ordered under the Access Order provisions set forth in Section, 5. preceding. Also included in that section are other charges which

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7. Special Access Service

7.1 General (Cont'd)

7.1.5 Ordering Options and Conditions (Cont'd)

may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

7.1.6 Facility Hubs

A hub is a Telephone Company designated serving wire center at which bridging or multiplexing functions are performed. The bridging functions performed are to connect three or more customer designated premises in a multipoint arrangement. The multiplexing functions are to channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth. The NATIONAL EXCHANGE CARRIER ASSOCIATION Tariff (Z) F.C.C. NO. 4 (Wire Center Information) identifies serving wire centers, hub (Z) locations and the type of bridging or multiplexing functions available.

7.2 Channel Types and Service Descriptions

There are two basic types of channels used to provide Special Access Services. Each type has its own characteristics. All are subdivided by one or more of the following:

- Transmission specifications,
- Bandwidth,
- Speed (i.e., bit rate),
- Spectrum

Customers can order a basic channel and select from a list of available transmission parameters and channel interfaces those that they desire to meet specific communications requirements.

For purposes of ordering channels, each has been identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic Service in this tariff, there is no restriction against doing so. (M) | (M)

(M) Material formerly appearing on Original Page 97 now appears on this page.

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7. Special Access Service

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.1 Voice Grade Service Channel Description

A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3,000 Hz and may be terminated two-wire or four-wire. Voice Grade channels are provided between customer designated premises, between a customer designated premises and a Telephone Company hub between a customer designated premises and a WATS serving office.

(T)(M)

(A) Technical Specifications Package

ParameterC*	Package VG-												
	1	2	3	4	5	6	7	8	9	10	11	12	
Attenuation													
Distortion	X	X	X	X	X	X	X	X	X	X	X	X	X
C-Message Noise	X	X	X	X	X	X	X	X	X	X	X	X	X
Echo Control	X	X	X	X		X		X	X			X	X
Envelope Delay													
Distortion	X							X	X	X	X	X	X
Frequency Shift	X							X	X	X	X	X	X
Impulse Noise	X						X	X	X	X	X	X	X
Intermodulation													
Distortion	X							X	X	X	X	X	
Loss Deviation	X	X	X	X	X	X	X	X	X	X	X	X	X
Phase Hits, Gain													
Hits, and Dropouts	X												
Phase Jitter	X							X	X	X	X	X	
Signal-to-C													
Message Noise					X								
Signal-to-C													
Notch Noise	X						X	X	X	X	X	X	X

\*The desired parameters are selected by the customer from the list of available parameters.

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(M) Material formerly appearing on this page now appears on 2nd Revised Page 96 and 2nd Revised Page 99, and material formerly appearing on 2nd Revised Page 98 now appears on this page.

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7. Special Access Service

7.2 Channel Types and Service Description (Cont'd)

7.2.1 Voice Grade Service Channel Description (Cont'd)

(T)(M)

(A) Technical Specifications Package (Cont'd)

The technical specification for these parameters (except for dropouts, gain hits, and phase hits) are delineated in Technical Reference PUB 62501 and associated Addendum. The technical specifications for dropouts, phase hits, and gain hits are delineated in Technical Reference PUB 41004, Table 4.

(B) Channel Interfaces

The following channel interfaces for Voice Grade service do not require signaling capability: AH, DA, DB, DD, DE, DS, NO, PR and TF.

The following channel interfaces for Voice Grade service require signaling capability: AB, AC, CT, DX, DY, EA, EB, EC, EX, GO, GS, LA, LB, LC, LO, LR, LS, RV and SF.

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Compatible channel interfaces are set forth in Section 11.3, following.

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(M) Material formerly appearing on this page now appears on 1st Revised Page 97 and 2nd Revised Page 99, and material formerly appearing on 1st Revised Page 99 now appears on this page.

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7. Special Access Service

7.2 Channel Types and Service Descriptions (Cont'd)

7.2.2 Metallic Service Channel Description

(T)(M)

A Metallic channel is an unconditioned two-wire channel arranged to transmit direct current and capable of transmitting low speed varying signals at rates up to 30 baud. This channel is provided by metallic or equivalent facilities. Metallic channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub where bridging functions are performed. Interoffice metallic facilities will be limited in length to a total of five miles per channel.

(A) Technical Specifications Packages

Package MT-

<u>Parameter</u>	C*	1	2	3
DC Resistance Between Conductors	X	X	X	
Loop Resistance	X			X
Shunt Capacitance	X			X

The technical specifications are delineated in Technical Reference PUB 62502

\* All parameters are available within the ranges selected by the customer where technically feasible.

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(M)

(B) Channel Interfaces

(M)

Compatible channel interfaces are set forth in Section 11.3, following.

(M) Certain material formerly appearing on this page now appears on 3rd Revised Page 98, and material formerly appearing on Original Page 97 and 2nd Revised Page 98 now appears on this page.

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7. Special Access Service (Cont'd)

7.2 Channel Types and Service Description (Cont'd)

7.2.3 Reserved for Future Use

7.2.4 High Capacity Service

A High Capacity channel is a channel for the transmission of nominal 64.0 Kbps\*\*, 128\*\*\*, 256\*\*\*, 384\*\*\*, 512\*\*\*Kbps or 1.544 Mbps isochronous serial data. The actual bit rate is a function of the channel interface selected by the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs. (N)

The customer may provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises.

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411.

\*\* Available only as a channel of 1.544 Mbps facility to a Telephone Company Digital Data hub or as a cross connect of two 2.4, 4.8, 9.6, 56.0 or 64.0 Kbps channels of two 1.544 Mbps facilities to a Digital Data hub(s). The customer must provide system and channel assignment data

\*\*\* 128, 256, 384, and 512 Kbps service is offered only where equipment and facilities are available.

(N)

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7. Special Access Service (Cont'd)

7.2. Channel Types and Services Descriptions (Cont'd)

7.2.4 High Capacity Service (Cont'd)

(A) Technical Specifications Packages and Network Channel Interfaces

	<u>Package</u>					
	<u>SD Code HCO</u>	<u>HC1</u>	<u>HC1C</u>	<u>HC2</u>	<u>HC3</u>	<u>HC4</u>
	<u>NC Code HS</u>	<u>HC</u>	<u>HD</u>	<u>HE</u>	<u>HF</u>	<u>HG</u>
<u>Parameters</u>						
Error-Free Seconds		X				
<u>Optional Features</u>						
<u>and Functions</u>						
Automatic Loop Transfer		X				
Central Office						
Multiplexing:						
DS4 to DS1						X
DS3 to DS1					X	
DS2 to DS1				X		
DS1C to DS1			X			
DS1 to Voice		X				
DS1 to DSO		X				
DSO to Subrate* X						
Transfer Arrangement			X			

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24-hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411.

Compatible channel interfaces are set forth in 11.3.5(D), following:

\* Available only on a channel of 1.544 Mbps facility to a Telephone Company hub.

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(N)

7. Special Access Service (Cont'd)

7.2. Channel Types and Services Descriptions (Cont'd)

7.2.4 High Capacity Service (Cont'd)

(A) Technical Specifications Packages and Network Channel Interfaces  
(Cont'd)

The following network channel interfaces (NCIs) define the bit rates that are available for a High Capacity channel:

<u>NCI</u>	<u>Bit Rate</u>
DS-15*	1.544 Mbps (DS1)

(B) Optional Features and Functions

(1) Automatic Loop Transfer

The Automatic Loop Transfer provides protection on a 1xN basis against failure of the facilities between a customer designated premises and the wire center serving that premises. Protection is furnished through the use of a switching arrangement that automatically switches to a spare channel line when a working line fails. The spare channel is not included as a part of the option. This option requires compatible equipment at both the serving wire center and the customer designated premises. The customer is responsible for providing the equipment at its designated premises.

(2) Transfer Arrangement

An arrangement that affords the customer an additional measure of flexibility in the use of their access channel(s). The arrangement can be utilized to transfer a leg of a Special Access Service to either a spare or working channel that terminates in either the same or a different customer designated premises. A key activated or dial-up control service is required to operate the transfer arrangement. A spare channel, if required, is not included as part of the option.

\* A 64.0 Kbps channel is available as a channel(s) of a 1.544 Mbps channel to a Telephone Company hub.

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7. Special Access Service (Cont'd)

7.2. Channel Types and Services Descriptions (Cont'd)

7.2.4 High Capacity Service (Cont'd)

(N)

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

(3) Central Office Multiplexing

(a) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel(s) of this DS1 to the Hub can also be used for a Digital Data Service.

(b) DS1 to DS0

An arrangement that converts a 1.544 Mbps channel to 23 64.0 kbps channels utilizing digital time division multiplexing.

The table set forth in 7.2.4(A), preceding, shows the technical specifications packages with which the optional features and functions are available.

(N)

7.3 Service Configurations

(M)

There are two types of service configurations over which Special Access Services are provided: two-point and multipoint service.

7.3.1 Two-Point Service

A two-point service connects two customer designated premises, either on a directly connected basis or through a hub where multiplexing functions are performed.

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7. Special Access Service (Cont'd)

7.3 Service Configurations (Cont'd)

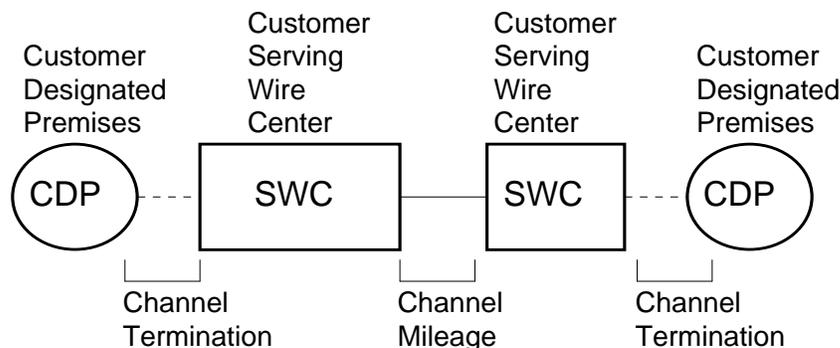
7.3.1 Two-Point Service (Cont'd)

Applicable rate elements are:

- Channel Terminations
- Channel Mileage (as applicable)
- Optional Features and Functions (when applicable)

In addition, a Special Access Surcharge, as set forth in Section 7.4.4, following, and a Message Station Equipment Recovery Charge, as set forth in Section 7.4.5, following, may be applicable.

The following diagram depicts a two-point Voice Grade service connecting two customer designated premises (CDP) located 15 miles apart.



Applicable rate elements are:

- Channel Terminations (2 applicable)
- Channel Mileage (1 section, Channel Mileage Facility per mile plus 2 Channel Mileage Terminations)

**ACCESS SERVICE**7. Special Access Service (Cont'd)7.3 Service Configurations (Cont'd)7.3.2 Multipoint Service

Multipoint service connects three or more customer designated premises through a Telephone Company hub. Only certain types of Special Access Service are provided as multipoint service. These are so designated in the descriptions for the appropriate channel.

The channel between hubs (i.e., bridging locations) on a multipoint service is a mid-link. There is no limitation on the number of mid-links available with a multipoint service. However, when more than three mid-links in tandem are provided the quality of the overall service may be degraded.

Multipoint service utilizing a customized technical specifications package, as set forth in 7.1.4, preceding, will be provided when technically possible. If the Telephone Company determines that the requested characteristics for a multipoint service are not compatible, the customer will be advised and given the opportunity to change the order.

When ordering, the customer will specify the desired bridging hub(s). The NATIONAL EXCHANGE CARRIER ASSOCIATION Tariff F.C.C. NO. 4 identifies serving wire centers, hub locations and the type of bridging functions available.

Applicable Rate Elements are:

- Channel Terminations (one per customer designated premises)
- Channel Mileage (as applicable)
- Additional Optional Features and Functions (when applicable).

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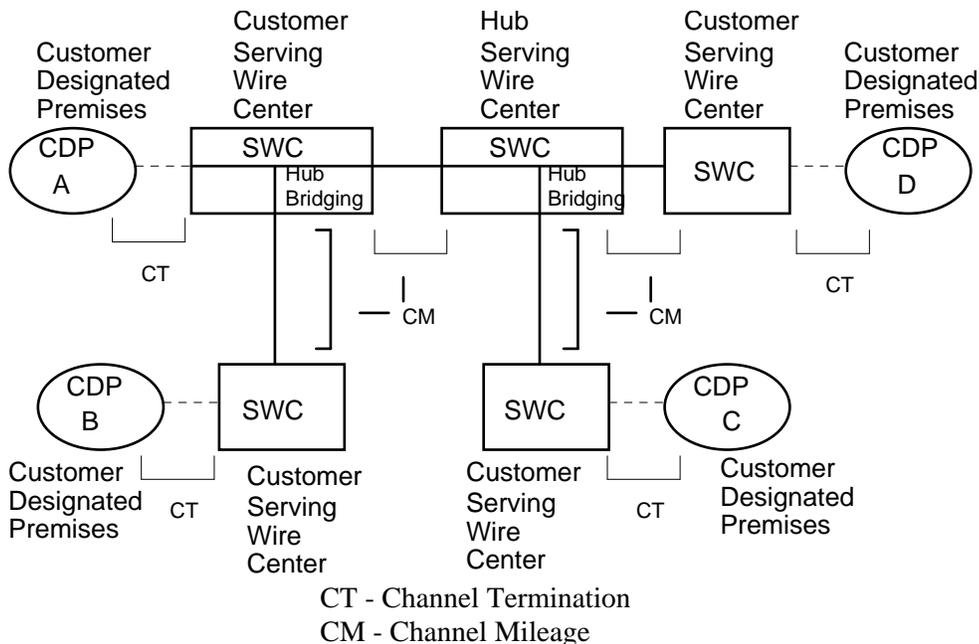
7. Special Access Service (Cont'd)

7.3 Service Configurations (Cont'd)

7.3.2 Multipoint Service (Cont'd)

In addition, the Special Access Surcharge, as set forth in Section 7.4.4, following, and a Message Station Equipment Recovery Charge, as set forth in Section 7.4.5, following, may be applicable.

Example: Voice Grade multipoint service connecting four customer designated premises (CDP) via two customer specified bridging hubs.



Applicable rate elements are:

- Channel Terminations (4 applicable)
- Channel Mileage (4 sections, Channel Mileage Facility per mile plus 2 Channel Mileage Terminations per section)
- Bridging Optional Feature (6 applicable, i.e., each bridge port)

**ACCESS SERVICE**7. Special Access Service (Cont'd)7.4 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for Special Access.

7.4.1 Application of Rates and Charges(A) Nonrecurring Charges

Nonrecurring Charges apply to each installation of service as a one time charge. Changes to existing services other than administrative changes described in Section 6.8.1, preceding, will be treated as a discontinuance of the existing service and an installation of a new service.

If an additional leg is added to an existing multipoint service, nonrecurring charges will only apply to the additional termination.

Nonrecurring charges apply for each Channel Termination installed.

(B) Recurring Charges

Recurring charges apply to the ongoing provision of Special Access Service to the customer.

Monthly rates are 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.

7.4.2 Minimum Periods

Special Access Service is provided for a minimum period of one month.

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.3 Reserved for Future Use

**ACCESS SERVICE**

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.4 Surcharge for Special Access Service

(A) General

The Special Access Surcharge will apply to each interstate Special Access Service that terminates on an end user's PBX or other device where, through a function of the device, the Special Access Service interconnects to the local exchange network. Interconnection functions include but are not limited to wiring and software functions, bridging, switching or patching of calls or stations. The Surcharge will apply irrespective of whether the interconnection function is performed in equipment located at the customer's premises or in a Centrex Co-type switch. The Surcharge rate is set forth in Section 7.5.5, following.

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(B) Exemption of Special Access Service

Special Access Service will be exempted from the Surcharge by the Telephone Company upon receipt of the customer's written certification as described in Section 7.4.4(C), following, for the following Special Access Service terminations:

- (1) an open-end termination in a Telephone Company switch to an FX line, including CCSA and CCSA-equivalent ONALs; or
- (2) an analog channel termination that is used for radio or television program transmission; or
- (3) a termination used for TELEX service; or
- (4) a termination that by the nature of its operating characteristics could not make use of Telephone Company common lines such, as terminations which are restricted through hardware or software; or

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.4 Surcharge for Special Access Service (Cont'd)

(B) Exemption of Special Access Service (Cont'd)

- (5) a termination that interconnects either directly or indirectly to the local exchange network where the usage is subject to Carrier Common Line Charges; or
- (6) a termination that the customer certifies to the Telephone Company is not connected to a PBX or other device which interconnects the Special Access Service to a local exchange subscriber line.
- (7) a termination of WATS Access Service that the customer certifies to the Telephone Company as in place on or before March 13, 1986, and the customer resells the WATS service provided over the WATS Access Service.

Pursuant to CC Docket No. 86-1 Report and Order, adopted by the Federal Communications Commission on March 13, 1986, and released March 21, 1986, this exemption shall apply for a six-month period commencing June 1, 1986 and ending December 31, 1986.

(C) Exemption Certification

- (1) Special Access Services which are terminated as set forth in Section 7.4.4(B), preceding, will be exempted from the Special Access Surcharge if the customer provides the Telephone Company with written exemption certification. The certification may be provided to the Telephone Company (1) at the time the Special Access Service is ordered or installed; (2) at such time as the service is reterminated to a device which does not interconnect to the service to local exchange facilities, or (3) at such time as the service becomes associated with a Switched Access Service that is subject to Carrier Common Line Charges.

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.4 Surcharge for Special Access Service (Cont'd)

(C) Exemption Certification (Cont'd)

- (2) The exemption certification is to be provided by the customer ordering the service. The certification must be signed by the customer or authorized representative and include the category of exemption, as set forth in Section 7.4.4(B), preceding, for each termination, and the date which the exemption is effective.
- (3) The customer shall also notify the Telephone Company when an exempted Special Access Service is changed or reterminated such that the exemption is no longer applicable.
- (4) The Telephone Company will work cooperatively with the customer to resolve any questions regarding the exemption certification. In addition, the Telephone Company may withhold exemption of the service until the questions are resolved.

(D) Application of Surcharge

- (1) The Telephone Company will bill the appropriate Special Access Surcharge to the ordering customer for each intrastate Special Access Service installed unless exemption certification is provided as set forth in Section 7.4.4, preceding. In the case of multipoint Special Access Services, one Special Access Surcharge will apply for each termination of a Special Access Channel at an end user's premises.
- (2) If a written certification is not received at the time the Special Access Service is obtained, the Surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations set forth in (3), following.

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7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.4 Surcharge for Special Access Service (Cont'd)

(D) Application of Surcharge (Cont'd)

- (3) The Telephone Company will cease billing the Special Access Surcharge when certification, is received. If the status of the Special Access Service was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account not to exceed ninety (90) days, based on the effective date of the change as specified by the customer in the letter of certification.

7.4.5 Message Station Equipment Recovery Charge

- (A) The Message Station Equipment Recovery Charge is a charge to recover that portion of message station equipment that is assigned to Special Access Service.

Pursuant to CC Docket 83-1145 Memorandum Opinion and Order adopted by the Federal Communications Commission on November 8, 1984, and released on November 9, 1984, this charge is assessed only to those customers to which the Special Access Surcharge, as set forth in Section 7.4.4, preceding, applies. The rate for Message Station Equipment Recovery is set forth in Section 7.5.6, following.

(T)

**ACCESS SERVICE**

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.6 Deferral of Collection of Special Access Charges on Existing WATS and Toll Free Number Service Lines (C)  
(C)

- (A) On June 1, 1986, the Telephone Company will begin to bill the Special Access surcharge, Inside Wire Charge, and Message Station Recovery charge for Special Access facilities presently in-service. Payment of any of these charges billed on WATS and Toll Free Number service facilities in service as of June 1, 1986, may be deferred, without penalty, for a period not to exceed ninety (90) days from June 1, 1986. (C)

If appropriate exemption certification is not received by the Telephone Company by the end of the ninety (90) days deferral period, the billed Special Access charges, which were deferred, will become due. These charges, if unpaid, will be subject to a late payment charge as set forth in Section 2.4.1, preceding. Customers who provide exemption certification within the ninety (90) day deferral period commencing June 1, 1986, will be given credit for the charges billed back to the June 1, 1986 date.

(Y) Issued under Special Permission No. 96-176 of the Federal Communications Commission.

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Issued: February 16, 1996

President  
850 Highway 410  
Mountain View, WY 82939

Effective: March 1, 1996

**ACCESS SERVICE**7. Special Access Service (Cont'd)7.4 Rate Regulations (Cont'd)7.4.7 Mixed Use Analog and Digital High Capacity Services

Mixed use refers to a rate application applicable only when the customer orders High Capacity Special Access facilities between a customer designated premises and a Telephone Company hub where the Telephone Company performs multiplexing/de-multiplexing functions and the same customer then orders the derived channels as Special and Switched Access Services. If the customer has Switched Access Service between a customer designated premises and an end office that is multiplexed at a Telephone Company hub and subsequently orders the derived channels as Special and Switched Access Service, rates and charges will apply as if the service were ordered as mixed use.

Except as noted above, the High Capacity facility will be ordered, provided and rated as Special Access Service (i.e., Channel Termination, Channel Mileage, as appropriate, and Multiplexing Arrangement). The nonrecurring charge that applies when the mixed use facility is installed will be the nonrecurring charge associated with the appropriate Special Access High Capacity Channel Termination.

Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for Switched Access Service. Individual service (i.e., Switched or Special Access) nonrecurring charges will not apply to the individual channels of the mixed use facility.

**ACCESS SERVICE**7. Special Access Service (Cont'd)7.4 Rate Regulations (Cont'd)7.4.7 Mixed Use Analog and Digital High Capacity Services (Cont'd)

When Special Access Service is provided utilizing a channel of the mixed use facility to a hub, High Capacity rates and charges will apply for the facility to the hub, as set forth preceding, and individual service rates and charges will apply from the hub to the customer designated premises. The rates and charges that will apply to the portion from the hub to the customer designated premises will be dependent on the specific type of Special Access Service that is provided (e.g., Voice Grade, Telegraph, etc.). The applicable rates and charges will include a Channel termination and Channel Mileage, if applicable. Rates and charges for optional features and functions associated with the service, if any, will apply for the appropriate channel type.

As each individual channel is activated for Switched Access Service, the High Capacity Special Access Channel Termination, Channel Mileage, and Multiplexing rates will be reduced accordingly (e.g., 1/24th for a DS1 service, etc.).

Switched Access Service rates and charges, as set forth in Section 6.9.2, preceding, will apply for each channel that is used to provide a Switched Access Service. Additionally, the Switched Access Service Entrance Facility, Direct Trunked Transport, and Multiplexing charges, if applicable, will be reduced by multiplying their respective rates by the ratio of derived Switched Access Service channels to the total number of channels that can be derived.

The customer must place an order for each individual Switched or Special Access Service utilizing the Mixed Use Facilities and specify the channel assignment for each such service.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Tariff Section Reference</u>
7.5.1 <u>Voice Grade Channel</u>			
(A) <u>Channel Termination</u> per termination*			
Two-Wire	\$40.98 (I)	\$75.00	7.1.1(A)
Four-Wire	\$65.57 (I)	\$75.00	7.1.1(A)
(B) <u>Channel Mileage</u> <u>Facility</u> per mile	\$ 0.56	None	7.1.1(B)(1)
(C) <u>Channel Mileage</u> <u>Termination</u> per termination	\$56.15 (I)	None	7.1.1(B)(2)
7.5.2 <u>Metallic Channel</u>			
(A) <u>Channel Termination</u> per termination*			
Two-Wire	\$39.74	\$75.00	7.1.1(A)
(B) <u>Channel Mileage</u> <u>Facility</u> per mile	\$0.54	None	7.1.1(B)(1)
(C) <u>Channel Mileage</u> <u>Termination</u> per termination	\$54.45	None	7.1.1(B)(2)

\* The Channel Termination Rate includes nonchargeable Channel Interfaces as set forth in Section 7., preceding.

**ACCESS SERVICE**

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Tariff Section Reference</u>
7.5.3 <u>Digital Data</u>			
(A) <u>Channel Termination</u> per termination* 56-64 Kbps***	\$75.61 (I)	\$150.00	7.1.1(A)
(B) <u>Channel Mileage</u> <u>Facility</u> per mile 56-64 Kbps	\$0.73	NA	7.1.1(B)(1)
(C) <u>Channel Mileage</u> <u>Termination</u> per termination 56-64 Kbps	\$75.59 (I)	NA	7.1.1(B)(2)
7.5.4 <u>High Capacity</u>			
(A) <u>Channel Termination</u> per termination*			
128 Kbps	\$128.07	\$46.00 Per Hr**	7.1.1(A)
256 Kbps	\$135.89	\$46.00 Per Hr**	7.1.1(A)
384 Kbps	\$143.71	\$46.00 Per Hr**	7.1.1(A)
512 Kbps	\$151.55	\$46.00 Per Hr**	7.1.1(A)
1.544 Mbps	\$175.49 (I)	\$46.00 Per Hr**	7.1.1(A)

\* The Channel Termination Rate includes nonchargeable Channel Interfaces as set forth in Section 7., preceding.

\*\* Per hour rate plus additional equipment necessary to install circuit.

**ACCESS SERVICE**

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Tariff Section Reference</u>
7.5.4 <u>High Capacity</u> (Cont'd)			
(B) <u>Channel Mileage Facility</u> per mile			
128 Kbps	\$1.59	NA	7.1.1(B)(1)
256 Kbps	\$1.88	NA	7.1.1(B)(1)
384 Kbps	\$2.13	NA	7.1.1(B)(1)
512 Kbps	\$2.42	NA	7.1.1(B)(1)
1.544 Mbps	\$3.58 (I)	NA	7.1.1(B)(1)
(C) <u>Channel Mileage Termination</u> per termination			
128 Kbps	\$151.63	NA	7.1.1(B)(2)
256 Kbps	\$227.30	NA	7.1.1(B)(2)
384 Kbps	\$303.08	NA	7.1.1(B)(2)
512 Kbps	\$359.40	NA	7.1.1(B)(2)
1.544 Mbps	\$179.33 (I)	NA	7.1.1(B)(2)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.5 Special Access Surcharge

-	Per Voice Grade	\$25.00	None
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7.5.6 Message Station Equipment  
Recovery Charge

\$0.00	None
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