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SPECIAL SERVICES

2. General

Special Services are communications channels which connect customer premises, serving wire centers or combinations thereof. Channels may be provided in the same wire center or in different wire centers on a two-point or multipoint basis. Connections will be made directly through a serving wire center or through a Telephone Company Hub. Special Services include all LATA access channels and all intraLATA channels not utilizing Telephone Company end office switches.

The connections provided by Special Services can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate. The specific types of services (e.g., Metallic, Voice Grade) provided under Special Services are described in 2.1 following.

2.1. Channel Types

Each type of channel used to provide Special Services 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 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 data transmission in this Guide, there is no restriction against doing so.

SPECIAL SERVICES

2. General (Cont'd)

2.1 Channel Types (Cont'd)

Following is a brief description of each type of channel:

Metallic and Metallic Equivalent - a channel for the transmission of low speed varying signals at rates up to 30 band.

Metallic Data - a channel utilizing non-loaded facilities normally suitable for the transmission of digital data signals.

Telegraph Grade - a channel for the transmission of binary signals at rates of 0 to 75 baud or 0 to 150 baud.

Voice Grade - a channel for the transmission of analog signals within an approximate bandwidth of 300-3000 Hz.

Program Audio - a channel for the transmission of audio signals. The nominal frequency bandwidths are from 50 to 15000 Hz, from 200 to 3500 Hz, from 100 to 5000 Hz or from 50 to 8000 Hz.

Digital Service - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6 or 56.0 kbps.

A cross reference list of channels by series and types as previously listed in Pa. P.U.C.-No. 1, Section 12, Channels, can be found in 2.2 following.

Detailed descriptions of each of the channel types are provided in 3. following.

The customer also has the option of ordering Digital High Capacity facilities (available in Section 6 of this Guide) to a Telephone Company Hub for multiplexing to individual channels of a lower capacity or bandwidth. Descriptions of the types of multiplexing available at the Hubs, as well as the number of individual channels which may be derived from each type of facility are set forth in Section 6 of this Guide. Additionally, the customer may specify optional features for the individual channels derived from the facility to further tailor the channel to meet specific communications requirements. Descriptions of the optional features available are also set forth in 3. following.

SPECIAL SERVICES

2. General (Cont'd)

2.1 Channel Types (Cont'd)

For example, a customer may order a 1.544 Mbps channel and multiplex it at the same or a different Hub to Voice Grade channels or it may be extended to other customer designated premises. Optional features may be added to either the 1.544 Mbps or the Voice Grade Channels.

2.2 Cross Reference Guide

OLD TERMINOLOGY		NEW TERMINOLOGY
Type		
1005	A half-duplex or full-duplex interface operation engineered for a signal speed up to 75 baud; for two-point or multipoint service; normally suitable for:	
	low-speed data transmission, remote operation of radiotelephone, teletypewriter, teletypesetter and data	TELEGRAPH GRADE
	supervisory control and miscellaneous signaling purposes	METALLIC
1006	A half-duplex or full-duplex interface operation engineered for a signal speed up to 150 baud; for two-point service; normally suitable for:	
	low-speed data transmission used for teletypewriter and data	TELEGRAPH GRADE
	supervisory control and miscellaneous signaling purposes	METALLIC
1011	A two-wire interface with two-wire facilities suitable for direct current transmission (metallic continuity) with signaling speeds not to exceed 30 baud; for two-point or three-point service within the same exchange only; normally suitable for special signaling purposes.	METALLIC
1012	A two-wire interface with two-wire facilities suitable for low speed unidirectional series-operated signaling not to exceed 30 baud; for intraexchange multipoint service and interexchange two-point or multipoint service; normally suitable for special signaling purposes. The Telephone Company will notify the customer of	METALLIC EQUIVALENT

SPECIAL SERVICES

2. General (Cont'd)

2.2 Cross Reference Guide (Cont'd)

OLD TERMINOLOGY		NEW TERMINOLOGY
Type		
1012	the type of facility arrangement (metallic channels or by other means, where available and at the descretion of the Telephone Company) to be supplied prior to initial installation or subsequent change in facility arrangements.	
2001	A two-wire interface with EFFECTIVE DECEMBER 1, 1999 two-wire facilities engineered for a 1000 Hz loss objective of 0 to 10 dB; or a four-wire interface with four-wire facilities engineered for a 1000 Hz loss objective of 0 to 16 dB; for two-point or multi-point service, normally suitable for use for private line telephone service.	VOICE GRADE
2002	A two-wire interface with EFFECTIVE DECEMBER 1, 1999 two-wire facilities or a four-wire interface with four-wire facilities designed for remote operation of mobile radiotelephone systems; for two-point or multipoint service.	VOICE GRADE
2012	Furnished for Centrex off-premises main and bridged station uses.	VOICE GRADE
2014	A two-wire interface with EFFECTIVE DECEMBER 1, 1999 two-wire facilities furnished for PBX (or similar) off-premises main and extension service used with PBX's; for two-point service, with signaling arrangements.	VOICE GRADE
2021	A two-wire or four-wire interface with four-wire facilities furnished for tie line use between PBX's; for two-point service, with signaling arrangements.	VOICE GRADE
2025	A two-wire or four-wire interface with four-wire facilities furnished for tie line use between a PBX and a C.O. Centrex; for two-point service, with signaling arrangements.	VOICE GRADE

SPECIAL SERVICES

2. General (Cont'd)

2.2 Cross Reference Guide (Cont'd)

OLD TERMINOLOGY		NEW TERMINOLOGY
Type		
6020	A two-wire interface with EFFECTIVE DECEMBER 1, 1999 two-wire facilities engineered for a 1000 Hz maximum loss of 14 dB without equalization; arranged for unidirectional operation; normally suitable for wired music distribution.	PROGRAM AUDIO
6021	A two-wire interface with EFFECTIVE DECEMBER 1, 1999 two-wire facilities engineered for a 1000 Hz maximum loss objective of 34 dB and equalized to +4 dB of the 1000 Hz loss from approximately 100 to 5000 Hz, arranged for unidirectional operation; normally suitable for wired music distribution.	PROGRAM AUDIO
6022	A two-wire interface with EFFECTIVE DECEMBER 1, 1999 two-wire facilities engineered for a 1000 Hz maximum loss of 34 dB and equalized to +4 dB of the 1000 Hz loss from approximately 50 to 8000 Hz, arranged for unidirectional operation; normally suitable for wired music distribution.	PROGRAM AUDIO
9001	A two-wire interface with two-wire non-loaded facilities with insertion loss objectives dependent upon facility length and frequency as specified in the table following; for two-point service within the same central office district only; normally suitable for the transmission of digital data signals. Furnished for two-wire Local Area Data Service.	METALLIC
9002	A four-wire interface with four-wire non-loaded facilities with insertion loss objectives dependent upon facility length and frequency as specified in the table following; for two-point service within the same central office district only; normally suitable for the transmission of digital data signals. Furnished for four-wire Local Area Data Service.	METALLIC
1.544	Megabits Per Second (Mbps) High Capacity Channels	HIGH CAPACITY
Digital Data Service		DIGITAL SERVICE
Digital Connect Service		DIGITAL SERVICE

SPECIAL SERVICES

2. General (Cont'd)

2.5 Alternate Use

Alternate Use occurs when a service is arranged by the Telephone Company so that the customer can select different types of transmission at different times.

Voice grade channels may be arranged for different types of transmission on an alternate use basis, i.e., as telegraph grade channels or as different types of voice grade channels.

The monthly charge applicable to a channel used alternately for another purpose is the higher of the channel charges applicable to the uses involved. In addition to the established channel charges, the charges shown in 6.4(D)(2)(c) following apply at each of two service points for the alternate use.

If a change, addition, deletion or rearrangement of the channel and/or the equipment necessary to provide suitable transmission and signaling is required, charges based on costs apply in addition to the monthly charges shown following.

If automatic switching or alternate use involving more than two service points is desired, it will be furnished where feasible at additional charges based on the costs involved.

2.6 Special Facilities Routing

Services furnished under this Guide are provided over such routes as the Telephone Company may elect.

A customer may request that the facilities used to provide Special Service be specially routed. The regulations, rates and charges for Special Facilities Routing are based on costs and are in addition to all other rates and charges which may be applicable under this Guide.

2.7 Special Construction

When the components required to provide service are not available, and when mutually agreeable to the customer and Telephone Company, special construction may be undertaken to provide the required service. The customer requesting channel services requiring special construction of facilities is liable for the costs incurred for that portion of the facilities not deemed to be reusable by another customer in the manner or quantity furnished. Tariff or Guide rates for the type of service provided are applicable in addition to the charges for the special construction. Additional regulations pertaining to Special Construction for LATA access services are set forth in Pa. P.U.C.-No. 302, Part 14, and in Pa. P.U.C.-No. 1, Section 1, General Regulations, for intraLATA services.

SPECIAL SERVICES

2. General (Cont'd)

2.8 Design Layout Report For LATA Access Services

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 Guide as LATA 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 NOVEMBER 30, 1999 or updated whenever these facilities are materially changed.

2.9 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 tests 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 other analog services (i.e., Metallic, Telegraph and Program Audio) and for digital services, acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade Service to test other parameters, as described in Part 13 of Pa. P.U.C.-No. 302, is available at the customer's request. All test results will be made available to the customer upon request.

2.10 Ordering Options and Conditions

LATA access service is ordered under the Access Order provisions set forth in Pa. P.U.C.-No. 302, Part 5. Also included in that section are other charges which may be associated with ordering LATA access service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

Regulations pertaining to cancellation or special handling of service requests for intraLATA channels requiring Engineering design are set forth in Pa. P.U.C.-No. 1, Section 1, General Regulations.

SPECIAL SERVICES

3. Service Descriptions

For the purposes of ordering, the categories of Special Services are:

Metallic
Telegraph Grade
Voice Grade
Program Audio
Digital Service
High Capacity
High Capacity/Lightwave

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features are added to construct the service desired by the customer. Each of the components of the service are described in this section.

Customized technical specifications packages will be provided for LATA access service 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 for LATA access service the customer will be notified whether Additional Engineering Charges as described in Pa. P.U.C.-No. 302, Part 13 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 where the channel is provided, i.e., between customer premises or between a customer premises and a Telephone Company Hub where multiplexing functions are performed.

Information pertaining to the technical specifications packages for LATA access services indicates the transmission parameters that are available with each package. This information 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 Service to which the parameters are applicable. 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.

SPECIAL SERVICES

3. Service Descriptions (Cont'd)

Channel interfaces at each point of termination on a two-point service may be symetrical or asymetrical. On a multipoint service they may also be symetrical or asymetrical but all must be compatible with a common channel interface at one of the customer premises. Only certain channel interfaces are compatible. These are set forth in 4.5 following in a combination format for LATA access services.

Only certain channel interface combinations are available with the predefined technical specifications packages. These are delineated in the Technical References set forth below. When a customized channel is requested, all channel interface combinations available with the specified type of LATA access service are available with the customized channel.

The optional features available with each type of Special Service are described in this section. The optional features information also indicates with which technical specifications packages they are available. Such information is displayed in a matrix with the optional feature listed down the left side and the technical specifications package listed across the top.

The Telephone Company will maintain existing transmission specifications on services installed prior to the EFFECTIVE DECEMBER 1, 1999 date of this Guide except that the existing services with performance specifications exceeding the standard listed in this provision will be maintained at the performance levels specified in this Guide. All services installed after the EFFECTIVE DECEMBER 1, 1999 date of this Guide will conform to the transmission specifications standards contained in this Guide or in the following Technical References for each category of service:

Metallic	TR-NPL-000336
Telegraph Grade	TR-NPL-000336
Voice Grade	TR-TSY-000335
	PUB41004, Table 4
Program Audio	TR-NPL-000337
Digital Service	TR-NPL-000341
	PUB62310

The Telephone Company reserves the right to revise technical parameters described herein for any reason but not limited to utilization of new advances in the state of the technical arts or to reflect changes in the design of equipment or services.

SPECIAL SERVICES

3. Service Descriptions (Cont'd)

3.1 Metallic (MT) Service

(A) Basic Channel Description

It is expressly declared that metallic facilities for these services are in decreasing supply and the Telephone Company is not obligated to continue to make available or construct such metallic facilities.

In addition, if modernization programs, growth or maintenance dictate the replacement of existing metallic facilities with non-metallic facilities such as fiber optics, the Company will not be required to continue this service over metallic facilities.

Further, the Telephone Company will not be responsible to the customer or otherwise if changes in any of the facilities of the Telephone Company render any equipment or system of the customer obsolete, affect its use or performance or require the customer to incur any expenses such as but not limited to alterations of such equipment or system or charges associated with changes required in services provided by the Telephone Company.

The following types of Metallic channels will be provided where appropriate metallic or metallic equivalent facilities are available.

(1) Metallic/Metallic Equivalent

Unconditioned two-wire channels capable of transmitting low speed varying signals at rates up to 30 baud. This channel will be provided by metallic or equivalent facilities between customer premises, between serving wire centers or a combination thereof in the same or different wire center.

These channels will be provided on a two-point and multipoint service basis. Multipoint service is provided with a maximum of 26 points and restricted to a maximum of 3 wire centers.

The Telephone Company will notify the customer if other than metallic facilities are utilized to provide this service prior to installation.

SPECIAL SERVICES

3. Service Descriptions (Cont'd)

3.1 Metallic (MT) Service (Cont'd)

(A) Basic Channel Description (Cont'd)

(2) Metallic Data Signaling

Non-loaded two-wire and four-wire facilities will be provided between two points in the same wire center that are not more than six route miles apart as determined by the Telephone Company. These channels are normally suitable for the transmission of digital data signals.

In the event that only loaded facilities are available and the customer desires service, the Telephone Company will de-load the facilities at rates commensurate with costs incurred.

The Telephone Company guarantees that the transmission parameters as shown following will be provided between the points to be served using normal cable routing.

SPECIAL SERVICES

3. Service Descriptions (Cont'd)
3.1 Metallic (MT) Service (Cont'd)
A. Basic Channel Description (Cont'd)
(2) Metallic Data Signaling (Cont'd)

INSERTION LOSS OBJECTIVES (dB) WITH
135 OHM TERMINATIONS

Maximum End-to-End Channel Length In Route Miles	Frequency 1000 Hz	2400 Hz	4800 Hz	9600 Hz	19200 Hz	38400 Hz
1	10.5	12.0	15.0	19.0	22.5	26.5
2	14.5	16.5	20.5	27.5	35.5	46.0
3	18.0	21.0	27.0	36.5	50.0	67.0
4	21.0	26.0	34.0	46.0	62.5	*
5	23.5	30.5	39.5	53.5	*	*
6	26.5	33.0	43.5	58.5	*	*

* not specified

(a) The insertion loss objectives specified preceding refer to the total channel offering (end-to-end) and indicate that the engineered objective loss will fall within that objective. These specifications do not include gains or losses present in customer-provided equipment.

The Telephone Company reserves the right to revise these objectives and other technical parameters as described herein.

(3) In offering to provide this service, the Telephone Company assumes no obligation to specially select, alter, rearrange or construct facilities and does not represent that a facility provided under this offering is suitable for the intended customer application. Further, in providing this service where existing facilities permit, the Telephone Company assumes no obligation to continue such provision where rearrangements necessitate the elimination of such facilities or render such facilities unsuitable for the customer application.

SPECIAL SERVICES

3. Service Descriptions (Cont'd)
3.1 Metallic (MT) Service (Cont'd)
(A) Basic Channel Description (Cont'd)
(4) Illustrative Applications

Metallic Service is suitable for use as part of the facilities used to provide such service as:

Guide Description	Service
Metallic	Protective Alarm (DC) Protective Alarm (McCulloh) Channel Service Bell and Lights Siren Control Protective Relay - Signal Grade
Metallic Equivalent	Protective Alarm (McCulloh) Channel Service
Metallic Data Signaling	Local Area Data

(B) Technical Specifications Packages

	Package MT-			
Parameter	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.

(C) Channel Interfaces

Compatible channel interfaces are set forth in 4.5(A) following.

(D) Optional Features

(1) Central Office Bridging Capability

(a) Three Premises Bridging - Provision of tip-to-tip and ring-to-ring connection in a central office of a metallic pair to a third customer premises.

(b) Series Bridging of up to 26 customer premises.

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

SPECIAL SERVICES

3. Service Descriptions (Cont'd)
3.1 Metallic (MT) Service (Cont'd)
(D) Optional Features (Cont'd)

The following table shows the technical specifications packages with which the optional features are available.

	Available with Technical Specifications Package MT-			
	C	1	2	3
Three Premises Bridging	X	X		X
Series Bridging	X		X	

3.2 Telegraph Grade (TG) Service

(A) Basic Channel Description

A Telegraph Grade channel is an unconditioned channel capable of transmitting binary signals at rates of 0-75 baud or 0-150 baud. This channel is furnished for two-wire or four-wire operation. Telegraph Grade channels are provided between customer premises, between serving wire centers or a combination thereof in the same or different wire centers on a two-point or multipoint basis.

In connection with 0-75 baud channels, where the Telephone Company provides transmission equipment at the interface, the customer must provide a source of continuous 117 volt, 60Hz AC power by means of a nonswitched outlet.

The customer must in all cases provide a source of continuous 117 volt, 60Hz AC power by means of a nonswitched outlet for 0-150 baud channels.

(1) Illustrative Applications

Telegraph Grade Service is suitable for use as part of the facilities used to provide such services as:

Guide Description	Service
Telegraph Grade 0-75 Baud	Control/Remote Metering - Telegraph Grade Teletypewriter Channel
Telegraph Grade 0-150 Baud	Control/Remote Metering - Telegraph Grade Teletypewriter Channel

SPECIAL SERVICES

3. Service Descriptions (Cont'd)

3.2 Telegraph Grade (TG) Service (Cont'd)

(B) Technical Specifications Packages

	Package TG-		
Parameter	C*	1	2
Telegraph Distortion	X	X	X

The technical specifications are delineated in Technical Reference PUB 62502.

(C) Channel Interfaces

Compatible channel interfaces are set forth in 4.5(B) following.

(D) Optional Features

(1) Telegraph Bridging (two-wire and four-wire)

The following table shows the technical specifications packages with which the optional features are available.

	Available with Technical Specifications Package TG-		
	C	1	2
Telegraph Bridging	X	X	X

3.3 Voice Grade (VG) Service

(A) Basic Channel Description

(1) A Voice Grade channel is a channel which provides voice frequency transmission capability in the nominal frequency range of 300 to 3000 Hz and may be terminated two-wire or four-wire. Voice Grade channels are provided between customer premises, serving wire centers, Telephone Company Hubs or combinations thereof within the same or in different wire centers.

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

SPECIAL SERVICES

3. Service Descriptions (Cont'd)
   3.3 Voice Grade (VG) Service (Cont'd)
      (A) Basic Channel Description (Cont'd)
         (5) A Signaling Arrangement is provided on channels used as tie lines connected to grandfathered PBXs in accordance with Part 68 of the F.C.C. Rules and Regulations under the following conditions:

            (a) An E & M Signaling Arrangement is required for each tie line termination, operating in a Dial Repeating mode, at a customer premises with a Registered PBX.

            (b) An E & M Signaling Arrangement is required for each tie line termination at a customer premises with customer-provided PBXs when the tie line is arranged with an E & M signaling interface.

            (c) An E & M Signaling Arrangement is not required with channels for additions to or for new installations of customer-provided PBX equipment when not arranged with an E & M signaling interface.

         (6) Voice grade channels are furnished between specified locations for remote operation and control of private land radiotelephone stations established for communications with mobile units. Channels are furnished for voice only and for combined voice and control purposes as follows.

            (a) For Combined Voice Transmission and Control Purposes

               (a.1.) Channels furnished for combined voice transmission and control purposes may be used by the customer, in accordance with the normal transmission characteristics of such channels, for voice transmission purposes and to transmit more than one tone or signal in sequence or simultaneously or to create additional channels for remote control and indication purposes only.

               (a.2.) On two-point services, voice channels may be used alternately for control at no additional charge, where the control function is derived through the use of standard one-way, two-state Direct Current signaling over the voice channel.

               (a.3.) On multipoint services, two-state, Direct Current signaling for control purposes is provided by means of a separate Metallic channel. Appropriate monthly and non-recurring charges apply separately for the Metallic and the Voice Grade channel.

SPECIAL SERVICES

3. Service Descriptions (Cont'd)
3.4 Program Audio (AP) Service
(A) Basic Channel Description

A Program Audio channel is a channel measured in Hz for the transmission of a complex signal voltage. The actual bandwidth is a function of the channel interface selected by the customer. This service includes audio and wired music channels specially equipped for the closed circuit (non-broadcast) transmission of voice and music signals in one direction only.

Program Audio channels are provided between customer premises, between serving wire centers or combinations thereof on a two-point and multipoint basis. When Program Audio Channels are furnished for multipoint service, a bridging charge applies for each premises bridged on the same channel in addition to all other applicable charges for the channel.

These channels may require the use of non-loaded cable facilities. In the event that only loaded facilities are available, the Telephone Company will, at the customer's request, de-load the facilities at charges commensurate with the costs incurred.

(1) Illustrative Applications

Program Audio service is suitable for use as part of the facilities used to provide such service as:

Guide Description	Service
Program Audio - Non equalized 200 - 3500 Hz	Audio Transmission Paging - One Way Wired Music Distribution
Program Audio - Equalized 100 - 5000 Hz	Audio Transmission Wired Music Distribution
50 - 8000 Hz	Audio Transmission Wired Music Distribution
50 - 15000 Hz	Audio Transmission Wired Music Distribution

SPECIAL SERVICES

3. Service Descriptions (Cont'd)

3.4 Program Audio (AP) Service (Cont'd)

(B) Technical Specifications Packages

	Package AP-				
Parameter	C*	1	2	3	4
Actual Measured Loss	X	X	X	X	X
Amplitude Tracking	X				
Crosstalk	X	X	X	X	X
Distortion Tracking	X				
Gain/Frequency Distortion	X	X	X	X	X
Group Delay	X				
Noise	X	X	X	X	X
Phase Tracking	X				
Short-Term Gain Stability	X				
Short-Term Loss	X				
Total Distortion	X	X	X	X	X

The technical specifications are delineated in Technical Reference PUB 62503 and associated Addendum.

(C) Channel Interfaces

The following channel interfaces (CIs) define the bandwidths that are available for a Program Audio channel:

CI	Bandwidth
PG-1	Nominal frequency from 50 to 15000 Hz
PG-3	Nominal frequency from 200 to 3500 Hz
PG-5	Nominal frequency from 100 to 5000 Hz
PG-8	Nominal frequency from 50 to 8000 Hz

Compatible channel interfaces are set forth in 4.5(D) following.

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

SPECIAL SERVICES

3. Service Descriptions (Cont'd)

3.4 Program Audio (AP) Service (Cont'd)

(D) Optional Features

(1) Gain Conditioning

Control of 1004 Hz AML at initiation of service to 0dB ± 0.5 dB.

The following table shows the technical specifications packages with which the optional features are available.

	Available with Technical Specifications Package AP-				
	C	1	2	3	4
Gain Conditioning	X	X	X	X	X

SPECIAL SERVICES

3. Service Descriptions (Cont'd)

3.6 High Capacity Digital Hand-Off Service

(A) Digital Hand-Off Service Description

Digital Hand-Off Service provides a high capacity digital facility that carries voice grade services between the customer's serving central office and the customer's compatible premises equipment. The service is available as either a dedicated or multiplexed facility.

1. Dedicated Hand-Off Facility

The Dedicated Hand-Off Facility is a digital wideband channel operating at a transmission speed of 1.544 Mbps and is used only to provide DID Service from a digital switch. It is a simultaneous two-way transmission medium using serial, bipolar, return-to-zero, isochronous, alternating mark inversion format. It extends from a customer's high capacity interface to the serving central office where it is connected directly into the digital switch. A maximum of 24 local exchange Direct Inward Dialing Service lines can be provided by each Dedicated Hand-Off Facility.

Clear Channel Capability (B8ZS) will be provided where available.

SPECIAL SERVICES

3. Service Descriptions (Cont'd)

3.6 High Capacity Digital Hand-Off Service [1] (Cont'd)

(A) Digital Hand-Off Service Description (Cont'd)

2. Multiplexed Hand-Off Facility

The Multiplexed Hand-Off Facility is a digital wideband channel operating at a transmission speed of 1.544 Mbps. It is a simultaneous two-way transmission medium using serial, bipolar, return-to-zero, isochronous, alternating mark inversion format. It extends from the customer's high capacity interface to the serving central office where it is multiplexed for connection to a maximum of 24 voice grade services.

Clear Channel Capability (B8ZS) will be provided where available.

(B) The customer must specify at the time of ordering which channels of the facility connect with which voice grade service requested. Any future additions and changes to channel assignments must also be coordinated with the Telephone Company.

(C) In addition to the charges for High Capacity Digital Hand-Off Service in this Guide, all nonrecurring and recurring charges for the voice grade services provided will be charged in accordance with the applicable tariffs or Guides governing those services.

(D) Customer-requested switched voice grade services must emanate from either the customer's normal serving central office or a customer-specified foreign office. Voice Grade Special Services may extend beyond the serving central office and will be provided via whatever facilities the Telephone Company chooses, subject to applicable rates and charges.

(E) Digital Data Service and Metallic Special Services may not be transported over High Capacity Digital Hand-Off Service facilities.

(F) The interface at the customer's premises must conform with Verizon Technical Publication TR000054 at the Digital Signal-1, DS-1, level.

(G) Dedicated Digital Hand-Off Service is available only in central offices equipped with a digital switch.

[1] Effective November 3, 2012, High Capacity Digital Hand-Off Service is grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service are not permitted. High Capacity Digital Hand-Off Service is still available for resale until February 16, 2013, on which date the foregoing terms shall be effective for resale.

SPECIAL SERVICES

3. Service Descriptions (Cont'd)

3.6 High Capacity Digital Hand-Off Service (Cont'd)

(A) Digital Hand-Off Service Description (Cont'd)

2. Multiplexed Hand-Off Facility

The Multiplexed Hand-Off Facility is a digital wideband channel operating at a transmission speed of 1.544 Mbps. It is a simultaneous two-way transmission medium using serial, bipolar, return-to-zero, isochronous, alternating mark inversion format. It extends from the customer's high capacity interface to the serving central office where it is multiplexed for connection to a maximum of 24 voice grade services.

Clear Channel Capability (B8ZS) will be provided where available.

(B) The customer must specify at the time of ordering which channels of the facility connect with which voice grade service requested. Any future additions and changes to channel assignments must also be coordinated with the Telephone Company.

(C) In addition to the charges for High Capacity Digital Hand-Off Service in this Guide, all nonrecurring and recurring charges for the voice grade services provided will be charged in accordance with the applicable tariffs or Guides governing those services.

(D) Customer-requested switched voice grade services must emanate from either the customer's normal serving central office or a customer-specified foreign office. Voice Grade Special Services may extend beyond the serving central office and will be provided via whatever facilities the Telephone Company chooses, subject to applicable rates and charges.

(E) Digital Data Service and Metallic Special Services may not be transported over High Capacity Digital Hand-Off Service facilities.

(F) The interface at the customer's premises must conform with Verizon Technical Publication TR000054 at the Digital Signal-1, DS-1, level.

(G) Dedicated Digital Hand-Off Service is available only in central offices equipped with a digital switch.

SPECIAL SERVICES

3. Service Descriptions (Cont'd)

3.6 High Capacity Digital Hand-Off Service (Cont'd)

(H) PRI Alternative Digital Arrangement - PRI Alternative Digital Arrangement is provisioned with 1.544 megabit per second (Mbps) bandwidth using “inband” signaling and provides the customer with 24 channels having the capabilities of simultanous access, transmission and switching of voice and data services. It extends from a customer’s high capacity interface to the serving central office where it is connected directly into the digital switch. This arrangement is not normally suitable for the transmission of digital data signals and the speed of transmission is not guaranteed. PRI Alternative Digital Arrangement is available where facilities permit.

PRI Alternative Digital Arrangement will be converted to **IntelliLinQ®** PRI, at no additional charge, when mutually agreed to by the customer and the Telephone Company. The customer must provide compatible Customer Premises Equipment and agree to modify/change this equipment when converting to **IntelliLinQ** PRI.

The following **IntelliLinQ** PRI optional features are not available with this service arrangement; Calling Line Identification, Call-by-Call, Circuit-Switched Data and “D” channel siginaling. In addition, WATS, 800 Lines, and Automatic Number Identification are not available under this service arrangement.

SPECIAL SERVICES

3. Service Descriptions (Cont'd)

3.7 Direct Inter-Premises Channel Option (Cont'd)

B. Regulations (Cont'd)

(6) A nonrecurring charge of $39.00 applies for each channel activated after the initial placement of the Direct Inter-Premises Channel Option facility.

(7) The Telephone Company retains ownership of the facilities provided.

(8) The customer is liable for the nonrecurring costs incurred in computing the optional charges, whether or not he/she elects to take the option.

3.8 Multiple Channel Service Pricing Option

A. Basic Channel Description

The Multiple Channel Service Pricing Option is an arrangement that provides reduced recurring charges to customers having 24 or more interoffice channels (in groups of 24) between the same two customer switching or premises locations of the same customer. This arrangement may include Telegraph, Voice Grade and Audio Program channels as offered in this Guide.

EFFECTIVE DECEMBER 1, 1999 with the date of this Guide, Multiple Channel Service Pricing Option is available for new arrangements as described following. Those existing arrangements with two-year, three-year or five-year contract periods may continue in force until the expiration of the contract. At that time, the customer will have the option to contract for the service as presently offered in the Guide or revert to the EFFECTIVE DECEMBER 1, 1999 individual channel rates.

B. Regulations

(1) The customer must have a minimum of 24 channels between the same two customer switching or premises locations.

(2) Channels are provided only under contract for a period of two years. The customer is responsible for payment of all charges for the entire contract period selected.

SPECIAL SERVICES

3. Service Descriptions (Cont'd)

3.8 Multiple Channel Service Pricing Option (Cont'd)

B. Regulations (Cont'd)

(3) Each group of 24 channels will require a separate contract and is considered independent of all other groups of 24 channels.

(4) Each group of 24 channels may consist of either a single channel type, e.g., 24 Voice Grade channels, or any combination of channel types available under this arrangement, e.g., 8 Voice Grade, 8 Telegraph Grade and 8 Audio Program channels.

(5) The customer is responsible for identifying the specific channels to be included in each group of 24 channels.

(6) The amount by which the monthly rates will be reduced is determined by applying the factor shown following to the total monthly rates in effect for the 24 selected channels at the start of the contract. Once established, the amount of the reduction will remain fixed for the entire contract period.

Channel Groups	Contract Factor	Contract Period
Each Group of 24:	.20	2 years

(7) Changes, such as adding optional features to a channel, will be permitted. Any change which results in the removal of one of the 24 specified channels from the group is considered to be a termination of the contract.

If a customer chooses to terminate the contract prior to the expiration of the contract period, the company will back-bill the total amount discounted for each cancelled group. All remaining channels in a cancelled group will then be billed at the existing tariff or Guide rate at the time of cancellation.

(8) At the end of the contract period the customer has the option to renew the contract at the then existing rates for the Multiple Channel Service Pricing Option or reverting to the individual channel Tariff or Guide rates in effect at that time.

(10) Failure to exercise the option to renew the contract will result in all channels reverting to the individual channel Tariff or Guide rates in effect at that time.

SPECIAL SERVICES

4. Channel Interface and Network Channel Codes

This section explains the Channel Interface codes and Network Channel codes that the customer must specify when ordering LATA Access Service. Included is an example which explains the specific characters of the code, a glossary of Channel Interface codes, impedance levels, Network Channel codes and compatible Channel Interfaces.

Example: If the customer specifies a NT Network Channel Code and a 2DC8-3 Channel Interface at the customer's premises, the following is being requested:

MT = Metallic Channel with a Predefined Technical Specification Package
2 = Number of physical wires at customer premises
DC = Facility interface for direct current or voltage
8 = Variable impedance level
3 = Metallic facilities (DC continuity) for direct current/low frequency control signals or slow speed data (30 baud)

4.1 Glossary of Channel Interface Codes and Options

Code	Option	Definition
AB -		accepts 20 Hz ringing signal at customer's point of termination
AC -		accepts 20 Hz ringing signal at customer's end user's point of termination
AH -		Analog high capacity interface*
-	B	60 kHz to 108 kHz (12 channels)
-	C	312 kHz to 552 kHz (60 channels)
-	D	564 kHz to 3084 kHz (600 channels)
CT -		Centrex Tie Trunk Termination
DA -		data stream in VF frequency band at customer's end user's point of termination
DB -		data stream in VF frequency band at customer’s point of termination
-	10	VF for TG1 and TG2
DC -		direct current or voltage
-	1	monitoring interface with series RC combination (McCulloh format)
-	2	Telephone Company energized alarm channel
-	3	Metallic facilities (DC continuity) for direct current/low frequency control signals or slow speed data (30 baud)

* Service will be provided only where analog facilities are available.

SPECIAL SERVICES

4. Channel Interface and Network Channel Codes (Cont'd)

4.1 Glossary of Channel Interface Codes and Options (Cont'd)

Code	Option	Definition
EX -	B	tandem channel unit signaling for loop start or ground start and customer supplies closed end (dial pulsing, etc.) functions.
GO -		ground start loop signaling - open end function by customer
GS -		ground start loop signaling - closed end function by customer
IA -		E.I.A. (25 pin RS-232)
LA -		end user loop start loop signaling - Type A OPS registered port open end
LB -		end user loop start loop signaling - Type B OPS registered port open end
LC -		end user loop start loop signaling - Type C OPS registered port open end
LO -		loop start loop signaling - open end function by customer
LR -		20 Hz automatic ringdown interface at customer with Telephone Company provided PLAR
LS -		loop start loop signaling - closed end function by customer
NO -		no signaling interface, transmission only
PG -		program transmission - no dc signaling
-	1	nominal frequency from 50 to 15000 Hz
-	3	nominal frequency from 200 to 3500 Hz
-	5	nominal frequency from 100 to 5000 Hz
-	8	nominal frequency from 50 to 8000 Hz
RV -	0	reverse battery signaling, one way operation originate by customer
-	T	reverse battery signaling, one way operation
SF -		single frequency signaling with VF band
TF -		telephotograph interface
TT -		telegraph/teletypewriter interface
-	2	20.0 milliamperes
-	3	3.0 milliamperes
-	6	62.5 milliamperes

SPECIAL SERVICES

4. Channel Interface and Network Channel Codes (Cont'd)

4.5 Compatible Channel Interfaces

The following tables show the channel interface codes (CIs) which are compatible:

(A) Metallic

Compatible CIs

2DC8-1	2DC8-2
2DC8-3	2DC8-3
4DS9-*	2DC8-1
4DS9-*	2DC8-2

(B) Telegraph Grade

Compatible Cis	Compatible CIs
2DB2-10 10IA8	2TT2-2 2TT2-2
2DB2-10 2TT2-2	2TT2-3 2TT2-2
2DB2-10 4TT2-2	2TT2-3 4TT2-2
4DB2-10 10IA8	2TT2-6 2TT2-6
4DB2-10 2TT2-2	2TT2-6 4TT2-2
4DB2-10 4TT2-2	4TT2-2 4TT2-2
	4TT2-6 2TT2-6

* See 4.3 preceding for explanation.

SPECIAL SERVICES

4. Channel Interface and Network Channel Codes (Cont'd)

4.5 Compatible Channel Interfaces (Cont'd)

(D) Program Audio

Compatible CIs

2PG2-1	2PG1-1
2PG2-1	2PG2-1
2PG2-3	2PG1-3
2PG2-3	2PG2-3
2PG2-5	2PG1-5
2PG2-5	2PG2-5
2PG2-8	2PG1-8
2PG2-8	2PG2-8

(E) Digital Service

Compatible CIs		Compatible CIs		Compatible CIs	
4DS9-15*	4DS9-15	4DS9-15*	6DU5-48	4DU5-96	4DU5-96
4DS9-15*	4DU5-24	4DS9-15*	6DU5-56	6DU5-24	6DU5-24
4DS9-15*	4DU5-48	4DS9-15*	6DU5-96	6DU5-48	6DU5-48
4DS9-15*	4DU5-56	4DU5-24	4DU5-24	6DU5-56	6DU5-56
4DS9-15*	4DU5-96	4DU5-48	4DU5-48	6DU5-96	6DU5-96
4DS9-15*	6DU5-24	4DU5-56	4DU5-56		
4DS9-15	4DU5-24S	4DS0-15	6DU5-48S	4DU5-96S	4DU5-96S
4DS9-15	4DU5-48S	4DS9-15	6DU5-56S	6DU5-24S	6DU5-24S
4DS9-15	4DU5-56S	4DS9-15	6DU5-96S	6DU5-48S	6DU5-48S
4DS9-15	4DU5-96S	4DU5-24S	4DU5-24S	6DU5-56S	6DU5-56S
4DS9-15	6DU5-24S	4DU5-48S	4DU5-48S	6DU5-96S	6DU5-96S
4DS9-15B	4DU9-D	4DU5-56S	4DU5-56s		
4DS9-15S	4DU9-S				

* Available to customers selecting the multiplexed four-wire DSX channel interface option and providing subsequent system and channel assignment data.

SPECIAL SERVICES

4. Channel Interface and Network Channel Codes (Cont'd)

4.6 Channel Interfaces Related to Transmission Function Rate Elements

The following tables show the relationship of channel interface codes to transmission function rate elements:

Service	Category	Interface Codes		Transmission Function
(A) Metallic	(1)	DC/DC		- Metallic
	(2)	DS/DC		- Metallic equivalent
(B) Telegraph	(1)	TT/TT, DS/TT	DB/TT,	- Telegraph Grade & Teletypewriter-75 baud
	(2)	DB/IA		- Telegraph Grade & Teletypewriter-150 baud
(C) Voice Grade	(1)	DS/NO, NO/NO,	DS/TF, TF/TF	- Voice grade without signaling

SPECIAL SERVICES

4. Channel Interface and Network Channel Codes (Cont'd)

4.6 Channel Interfaces Related to Transmission Function Rate Elements (Cont'd)

Service	Category	Interface Codes	Transmission Function
(D) Program Audio			- nominal frequency from
	(1)	PG3/PG3, DS/PG3	200 to 3500 Hz, non-equalized
	(2)	PG5/PG5, DS/PG5	100 to 5000 Hz, equalized
	(3)	PG8/PG8, DS/PG8	50 to 8000 Hz, equalized
	(4)	PG1/PG1, DS/PG1	50 to 15000 Hz, equalized
(E) Digital Service	(1)	DU-24/DS-24, DU-24/DU-24	- 2.4 kbps
	(2)	DU-48/DS-48, DU-48/DU-48	- 4.8 kbps
	(3)	DU-96/DS-96, DU-96/DU-96	- 9.6 kbps
	(4)	DU-56/DS-56, DU-56/DU-56	- 56. Kbps
(F) High Capacity	(1)	4DS15-DU	- 1.544 Mbps.

SPECIAL SERVICES

5. Rate Regulations (Cont'd)

5.5 Mileage Measurement (Cont'd)

Mileage is shown in 6. following in terms of mileage bands. To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4, then find the band into which the computed mileage falls and apply the rates shown for that band. When the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage band and applying the rates.

When Hubs are involved, mileage is computed and rates applied separately for each section of the Channel Mileage, i.e., customer premises serving wire center to Hub, Hub to Hub and/or Hub to customer premises serving wire center.

5.6 Facility Hubs

A customer has the option of ordering digital High Capacity facilities (DS1) to a facility Hub for channelizing to individual services requiring lower capacity facilities (e.g., Telegraph, Voice, Program Audio, etc.).

Different locations may be designated as Hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. The customer will choose the desired Hub(s) from a list of available Hub locations which is set forth in the National Exchange Carrier Association Tariff F.C.C. No. 4. The Hub list will specify the type of multiplexing available at a specific location and the wire centers served from that Hub.

Some of the types of multiplexing available include the following:

- from higher to lower bit rate
- from digital to voice frequency channels

End to end services may be provided on channels of these facilities to a Hub. The transmission performance for the end to end service provided between customer premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity.

SPECIAL SERVICES

6. Rates and Charges

6.1 Metallic Service***

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$43.14	$59.35	$91.51	$113.14
- four-wire*	18.43	25.36	39.22	48.40

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(B) Transmission Function			
- Per termination#			
Same Wire Center			
- Metallic for up to 2 or 3 point service	$3.55	$ 95.00	$ 60.00
- Metallic Equivalent for up to 26 points	12.80	115.00	70.00
- Metallic Data Signaling*ø	62.44	335.00	230.00
Demultiplexed Channels and Different Wire Center			
- Metallic for up to 2 or 3 point service**	35.67	120.00	75.00
- Metallic Equivalent for up to 26 points	39.81	150.00	90.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$64.23	-
Over 1 to 3 miles	56.55	$20.52
Over 3 to 5 miles	71.95	20.52
Over 5 to 15 miles	82.25	20.52
Over 15 to 25 miles	164.57	15.34
Over 25 miles	226.34	12.80

NOTES:

* Available for two-point intraLATA service only.

\# A minimum of two transmission functions apply per service.
Requires four-wire Local Channel.

** Not available as demultiplexed channel.

*** As of October 31, 2014, all Metallic Service is no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges

6.1 Metallic Service***

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$34.52	$47.48	$73.21	$90.51
- four-wire*	18.43	25.36	39.22	48.40

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(B) Transmission Function			
- Per termination#			
Same Wire Center			
- Metallic for up to 2 or 3 point service	$2.84	$ 95.00	$ 60.00
- Metallic Equivalent for up to 26 points	10.24	115.00	70.00
- Metallic Data Signaling*ø	49.95	335.00	230.00
Demultiplexed Channels and Different Wire Center			
- Metallic for up to 2 or 3 point service**	28.54	120.00	75.00
- Metallic Equivalent for up to 26 points	31.85	150.00	90.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$51.38	-
Over 1 to 3 miles	45.24	$16.41
Over 3 to 5 miles	57.56	16.41
Over 5 to 15 miles	65.80	16.41
Over 15 to 25 miles	131.66	12.27
Over 25 miles	181.07	10.24

NOTES:

* Available for two-point intraLATA service only.

\# A minimum of two transmission functions apply per service.
Requires four-wire Local Channel.

** Not available as demultiplexed channel.

*** As of October 31, 2014, all Metallic Service is no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges

6.1 Metallic Service***

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$27.61	$37.99	$58.57	$72.41
- four-wire*	18.43	25.36	39.22	48.40

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(B) Transmission Function			
- Per termination#			
Same Wire Center			
- Metallic for up to 2 or 3 point service	$2.28	$ 95.00	$ 60.00
- Metallic Equivalent for up to 26 points	8.19	115.00	70.00
- Metallic Data Signaling*ø	39.96	335.00	230.00
Demultiplexed Channels and Different Wire Center			
- Metallic for up to 2 or 3 point service**	22.83	120.00	75.00
- Metallic Equivalent for up to 26 points	25.48	150.00	90.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$41.11	-
Over 1 to 3 miles	36.19	$13.13
Over 3 to 5 miles	46.05	13.13
Over 5 to 15 miles	52.64	13.13
Over 15 to 25 miles	105.33	9.82
Over 25 miles	144.86	8.19

NOTES:

* Available for two-point intraLATA service only.

\# A minimum of two transmission functions apply per service.
Requires four-wire Local Channel.

** Not available as demultiplexed channel.

*** As of October 31, 2014, all Metallic Service is no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges

6.1 Metallic Service***

(A) Local Channel

	Monthly Rate/Cell 1	2	3	4
- Per termination				
- two-wire	$21.24	$29.22	$45.05	$55.70
- four-wire*	18.43	25.36	39.22	48.40

(B) Transmission Function

	Monthly Rate	Nonrecurring Charge Initial	Additional
- Per termination#			
Same Wire Center			
- Metallic for up to 2 or 3 point service	$1.75	$ 95.00	$ 60.00
- Metallic Equivalent for up to 26 points	6.30	115.00	70.00
- Metallic Data Signaling*ϕ	30.74	335.00	230.00
Demultiplexed Channels and Different Wire Center			
- Metallic for up to 2 or 3 point service**	17.56	120.00	75.00
- Metallic Equivalent for up to 26 points	19.60	150.00	90.00

(C) Channel Mileage

Mileage Bands	Monthly Rate Fixed	Per mile
Over 0 to 1 mile	$31.62	-
Over 1 to 3 miles	27.84	$10.10
Over 3 to 5 miles	35.42	10.10
Over 5 to 15 miles	40.49	10.10
Over 15 to 25 miles	81.02	7.55
Over 25 miles	111.43	6.30

NOTES:

* Available for two-point intraLATA service only.

\# A minimum of two transmission functions apply per service.
Requires four-wire Local Channel.

** Not available as demultiplexed channel.

*** As of October 31, 2014, all Metallic Service is no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges

6.1 Metallic Service***

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$16.34	$22.48	$34.66	$42.85
- four-wire*	18.43	25.36	39.22	48.40

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(B) Transmission Function			
- Per termination#			
Same Wire Center			
- Metallic for up to 2 or 3 point service	$1.35	$ 95.00	$ 60.00
- Metallic Equivalent for up to 26 points	4.85	115.00	70.00
- Metallic Data Signaling*ϕ	23.65	335.00	230.00
Demultiplexed Channels and Different Wire Center			
- Metallic for up to 2 or 3 point service**	13.51	120.00	75.00
- Metallic Equivalent for up to 26 points	15.08	150.00	90.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$24.33	-
Over 1 to 3 miles	21.42	$7.77
Over 3 to 5 miles	27.25	7.77
Over 5 to 15 miles	31.15	7.77
Over 15 to 25 miles	62.33	5.81
Over 25 miles	85.72	4.85

NOTES:

* Available for two-point intraLATA service only.

\# A minimum of two transmission functions apply per service.
Requires four-wire Local Channel.

** Not available as demultiplexed channel.

*** As of October 31, 2014, all Metallic Service is no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges

6.1 Metallic Service***

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$14.86	$20.44	$31.51	$38.96
- four-wire*	18.43	25.36	39.22	48.40

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination#			
Same Wire Center			
- Metallic for up to 2 or 3 point service	$1.23	$ 95.00	$ 60.00
- Metallic Equivalent for up to 26 points	4.41	115.00	70.00
- Metallic Data Signaling*ϕ	21.50	335.00	230.00
Demultiplexed Channels and Different Wire Center			
- Metallic for up to 2 or 3 point service**	12.29	120.00	75.00
- Metallic Equivalent for up to 26 points	13.71	150.00	90.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$22.12	-
Over 1 to 3 miles	19.48	$7.07
Over 3 to 5 miles	24.78	7.07
Over 5 to 15 miles	28.32	7.07
Over 15 to 25 miles	56.67	5.29
Over 25 miles	77.93	4.41

NOTES:

* Available for two-point intraLATA service only.

\# A minimum of two transmission functions apply per service.
Requires four-wire Local Channel.

** Not available as demultiplexed channel.

*** As of October 31, 2014, all Metallic Service is no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges

6.1 Metallic Service

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$14.86	$20.44	$31.51	$38.96
- four-wire*	18.43	25.36	39.22	48.40

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination#			
Same Wire Center			
- Metallic for up to 2 or 3 point service	$1.23	$ 95.00	$ 60.00
- Metallic Equivalent for up to 26 points	4.41	115.00	70.00
- Metallic Data Signaling*ǿ	21.50	335.00	230.00
Demultiplexed Channels and Different Wire Center			
- Metallic for up to 2 or 3 point service**	12.29	120.00	75.00
- Metallic Equivalent for up to 26 points	13.71	150.00	90.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$22.12	-
Over 1 to 3 miles	19.48	$7.07
Over 3 to 5 miles	24.78	7.07
Over 5 to 15 miles	28.32	7.07
Over 15 to 25 miles	56.67	5.29
Over 25 miles	77.93	4.41

NOTES:
* Available for two-point intraLATA service only.
\# A minimum of two transmission functions apply per service.
Requires four-wire Local Channel.
** Not available as demultiplexed channel.

SPECIAL SERVICES

6. Rates and Charges

6.1 Metallic Service

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$13.51	$18.59	$28.65	$35.42
- four-wire*	18.43	25.36	39.22	48.40

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination#			
Same Wire Center			
- Metallic for up to 2 or 3 point service	$1.12	$ 95.00	$ 60.00
- Metallic Equivalent for up to 26 points	4.01	115.00	70.00
- Metallic Data Signaling*ϕ	19.55	335.00	230.00
Demultiplexed Channels and Different Wire Center			
- Metallic for up to 2 or 3 point service**	11.18	120.00	75.00
- Metallic Equivalent for up to 26 points	12.47	150.00	90.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$20.11	-
Over 1 to 3 miles	17.71	$6.43
Over 3 to 5 miles	22.53	6.43
Over 5 to 15 miles	25.75	6.43
Over 15 to 25 miles	51.52	4.81
Over 25 miles	70.85	4.01

NOTES:
* Available for two-point intraLATA service only.
\# A minimum of two transmission functions apply per service.
Requires four-wire Local Channel.
** Not available as demultiplexed channel.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.2 Metallic and Telegraph Grade**

(A) IntraLATA Channels in Excess of 100

This service offering is an option which is limited to intraLATA channels as described in 1.3 preceding. When more than 100 intraLATA Telegraph Grade (0 to 75 baud) or Metallic (0 to 30 baud) Channels are furnished between the same premises of the subscriber and the normal serving wire center, the local channel charge, preceding, will apply to each of the first 100 channels. All local channels in excess of 100 are rated as follows:

	Monthly Rate	Nonrecurring Charge
First 1/2 airline mile or fraction, each	$6.05	$59.00+
Additional 1/2 airline mile or fraction, each	1.21	-

6.3 Telegraph Grade Service**

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$43.14	$91.24	$127.30	$153.26
- four-wire	16.75	25.35	35.65	44.00

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
- Telegraph & Teletypewriter up to 75 baud	$10.55	$338.42	$162.10
- Telegraph & Teletypewriter up to 150 baud	24.30	390.80	188.56

NOTES:

\+ Nonrecurring Charges do not apply for the re-use of local channels in excess of 100 for which previous Nonrecurring Charges were applied.

* A minimum of two transmission functions apply per service.

** As of October 31, 2014, all Metallic Service and Telegraph Service are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.2 Metallic and Telegraph Grade**

(A) IntraLATA Channels in Excess of 100

This service offering is an option which is limited to intraLATA channels as described in 1.3 preceding. When more than 100 intraLATA Telegraph Grade (0 to 75 baud) or Metallic (0 to 30 baud) Channels are furnished between the same premises of the subscriber and the normal serving wire center, the local channel charge, preceding, will apply to each of the first 100 channels. All local channels in excess of 100 are rated as follows:

	Monthly Rate	Nonrecurring Charge
First 1/2 airline mile or fraction, each	$6.05	$59.00+
Additional 1/2 airline mile or fraction, each	1.21	-

6.3 Telegraph Grade Service**

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$34.52	$73.00	$101.84	$122.61
- four-wire	16.75	25.35	35.65	44.00

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
- Telegraph & Teletypewriter up to 75 baud	$10.55	$338.42	$162.10
- Telegraph & Teletypewriter up to 150 baud	24.30	390.80	188.56

NOTES:

\+ Nonrecurring Charges do not apply for the re-use of local channels in excess of 100 for which previous Nonrecurring Charges were applied.

* A minimum of two transmission functions apply per service.

** As of October 31, 2014, all Metallic Service and Telegraph Service are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.2 Metallic and Telegraph Grade**

(A) IntraLATA Channels in Excess of 100

This service offering is an option which is limited to intraLATA channels as described in 1.3 preceding. When more than 100 intraLATA Telegraph Grade (0 to 75 baud) or Metallic (0 to 30 baud) Channels are furnished between the same premises of the subscriber and the normal serving wire center, the local channel charge, preceding, will apply to each of the first 100 channels. All local channels in excess of 100 are rated as follows:

	Monthly Rate	Nonrecurring Charge
First 1/2 airline mile or fraction, each	$6.05	$59.00+
Additional 1/2 airline mile or fraction, each	1.21	-

6.3 Telegraph Grade Service**

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$27.61	$58.40	$81.47	$98.09
- four-wire	16.75	25.35	35.65	44.00

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
- Telegraph & Teletypewriter up to 75 baud	$10.55	$338.42	$162.10
- Telegraph & Teletypewriter up to 150 baud	24.30	390.80	188.56

NOTES:

\+ Nonrecurring Charges do not apply for the re-use of local channels in excess of 100 for which previous Nonrecurring Charges were applied.

* A minimum of two transmission functions apply per service.

** As of October 31, 2014, all Metallic Service and Telegraph Service are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.2 Metallic and Telegraph Grade**

(A) IntraLATA Channels in Excess of 100

This service offering is an option which is limited to intraLATA channels as described in 1.3 preceding. When more than 100 intraLATA Telegraph Grade (0 to 75 baud) or Metallic (0 to 30 baud) Channels are furnished between the same premises of the subscriber and the normal serving wire center, the local channel charge, preceding, will apply to each of the first 100 channels. All local channels in excess of 100 are rated as follows:

	Monthly Rate	Nonrecurring Charge
First 1/2 airline mile or fraction, each	$6.05	$59.00+
Additional 1/2 airline mile or fraction, each	1.21	-

6.3 Telegraph Grade Service**

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$21.24	$44.92	$62.67	$75.45
- four-wire	16.75	25.35	35.65	44.00

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
- Telegraph & Teletypewriter up to 75 baud	$10.55	$338.42	$162.10
- Telegraph & Teletypewriter up to 150 baud	24.30	390.80	188.56

NOTES:

\+ Nonrecurring Charges do not apply for the re-use of local channels in excess of 100 for which previous Nonrecurring Charges were applied.

* A minimum of two transmission functions apply per service.

** As of October 31, 2014, all Metallic Service and Telegraph Service are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.2 Metallic and Telegraph Grade**

(A) IntraLATA Channels in Excess of 100

This service offering is an option which is limited to intraLATA channels as described in 1.3 preceding. When more than 100 intraLATA Telegraph Grade (0 to 75 baud) or Metallic (0 to 30 baud) Channels are furnished between the same premises of the subscriber and the normal serving wire center, the local channel charge, preceding, will apply to each of the first 100 channels. All local channels in excess of 100 are rated as follows:

	Monthly Rate	Nonrecurring Charge
First 1/2 airline mile or fraction, each	$6.05	$59.00+
Additional 1/2 airline mile or fraction, each	1.21	-

6.3 Telegraph Grade Service**

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$16.34	$34.56	$48.21	$58.04
- four-wire	16.75	25.35	35.65	44.00

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
- Telegraph & Teletypewriter up to 75 baud	$10.55	$338.42	$162.10
- Telegraph & Teletypewriter up to 150 baud	24.30	390.80	188.56

NOTES:

\+ Nonrecurring Charges do not apply for the re-use of local channels in excess of 100 for which previous Nonrecurring Charges were applied.

* A minimum of two transmission functions apply per service.

** As of October 31, 2014, all Metallic Service and Telegraph Service are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.2 Metallic and Telegraph Grade**

(A) IntraLATA Channels in Excess of 100

This service offering is an option which is limited to intraLATA channels as described in 1.3 preceding. When more than 100 intraLATA Telegraph Grade (0 to 75 baud) or Metallic (0 to 30 baud) Channels are furnished between the same premises of the subscriber and the normal serving wire center, the local channel charge, preceding, will apply to each of the first 100 channels. All local channels in excess of 100 are rated as follows:

	Monthly Rate	Nonrecurring Charge
First 1/2 airline mile or fraction, each	$6.05	$59.00+
Additional 1/2 airline mile or fraction, each	1.21	-

6.3 Telegraph Grade Service**

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$14.86	$31.42	$43.83	$52.77
- four-wire	16.75	25.35	35.65	44.00

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
- Telegraph & Teletypewriter up to 75 baud	$10.55	$338.42	$162.10
- Telegraph & Teletypewriter up to 150 baud	24.30	390.80	188.56

NOTES:

\+ Nonrecurring Charges do not apply for the re-use of local channels in excess of 100 for which previous Nonrecurring Charges were applied.

* A minimum of two transmission functions apply per service.

** As of October 31, 2014, all Metallic Service and Telegraph Service are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.2 Metallic and Telegraph Grade

(A) IntraLATA Channels in Excess of 100

This service offering is an option which is limited to intraLATA channels as described in 1.3 preceding. When more than 100 intraLATA Telegraph Grade (0 to 75 baud) or Metallic (0 to 30 baud) Channels are furnished between the same premises of the subscriber and the normal serving wire center, the local channel charge, preceding, will apply to each of the first 100 channels. All local channels in excess of 100 are rated as follows:

	Monthly Rate	Nonrecurring Charge
First 1/2 airline mile or fraction, each	$6.05	$59.00+
Additional 1/2 airline mile or fraction, each	1.21	-

6.3 Telegraph Grade Service

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$14.86	$31.42	$43.83	$52.77
- four-wire	16.75	25.35	35.65	44.00

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
- Telegraph & Teletypewriter up to 75 baud	$10.55	$338.42	$162.10
- Telegraph & Teletypewriter up to 150 baud	24.30	390.80	188.56

NOTES:

+ Nonrecurring Charges do not apply for the re-use of local channels in excess of 100 for which previous Nonrecurring Charges were applied.

* A minimum of two transmission functions apply per service.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.2 Metallic and Telegraph Grade

(A) IntraLATA Channels in Excess of 100

This service offering is an option which is limited to intraLATA channels as described in 1.3 preceding. When more than 100 intraLATA Telegraph Grade (0 to 75 baud) or Metallic (0 to 30 baud) Channels are furnished between the same premises of the subscriber and the normal serving wire center, the local channel charge, preceding, will apply to each of the first 100 channels. All local channels in excess of 100 are rated as follows:

	Monthly Rate	Nonrecurring Charge
First 1/2 airline mile or fraction, each	$6.05	$59.00+
Additional 1/2 airline mile or fraction, each	1.21	-

6.3 Telegraph Grade Service

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$13.51	$28.57	$39.85	$47.98
- four-wire	16.75	25.35	35.65	44.00

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
- Telegraph & Teletypewriter up to 75 baud	$10.55	$338.42	$162.10
- Telegraph & Teletypewriter up to 150 baud	24.30	390.80	188.56

NOTES:

+ Nonrecurring Charges do not apply for the re-use of local channels in excess of 100 for which previous Nonrecurring Charges were applied.
* A minimum of two transmission functions apply per service.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.3 Telegraph Service* (Cont'd)

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function (Cont'd)			
Different Wire Center and Demultiplexed Channels			
- Telegraph & Teletypewriter up to 150 baud	$17.75	$475.00	$280.00
- Telegraph & Teletypewriter up to 150 baud	251.83	524.72	280.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$82.25	-
Over 1 to 3 miles	82.25	$12.80
Over 3 to 5 miles	82.25	12.80
Over 5 to 15 miles	82.25	12.80
Over 15 to 25 miles	82.25	12.80
Over 25 miles	82.25	12.80

6.4 Voice Grade (VG) Service

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$42.90	$90.19	$126.75	$138.15
- four-wire	86.10	130.41	182.85	205.48

* As of October 31, 2014, all Telegraph Service is no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.3 Telegraph Service* (Cont'd)

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function (Cont'd)			
Different Wire Center and Demultiplexed Channels			
- Telegraph & Teletypewriter up to 150 baud	$17.75	$475.00	$280.00
- Telegraph & Teletypewriter up to 150 baud	201.47	524.72	280.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$65.80	-
Over 1 to 3 miles	65.80	$10.24
Over 3 to 5 miles	65.80	10.24
Over 5 to 15 miles	65.80	10.24
Over 15 to 25 miles	65.80	10.24
Over 25 miles	65.80	10.24

6.4 Voice Grade (VG) Service

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$34.32	$72.15	$101.40	$110.52
- four-wire	68.88	104.33	146.28	164.39

* As of October 31, 2014, all Telegraph Service is no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.3 Telegraph Service* (Cont'd)

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function (Cont'd)			
Different Wire Center and Demultiplexed Channels			
- Telegraph & Teletypewriter up to 150 baud	$17.75	$475.00	$280.00
- Telegraph & Teletypewriter up to 150 baud	161.17	524.72	280.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$52.64	-
Over 1 to 3 miles	52.64	$8.19
Over 3 to 5 miles	52.64	8.19
Over 5 to 15 miles	52.64	8.19
Over 15 to 25 miles	52.64	8.19
Over 25 miles	52.64	8.19

6.4 Voice Grade (VG) Service

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$27.46	$57.72	$81.12	$88.41
- four-wire	55.11	83.46	117.03	131.51

* As of October 31, 2014, all Telegraph Service is no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.3 Telegraph Service* (Cont'd)

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function (Cont'd)			
Different Wire Center and Demultiplexed Channels			
- Telegraph & Teletypewriter up to 150 baud	$17.75	$475.00	$280.00
- Telegraph & Teletypewriter up to 150 baud	123.98	524.72	280.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$40.49	-
Over 1 to 3 miles	40.49	$6.30
Over 3 to 5 miles	40.49	6.30
Over 5 to 15 miles	40.49	6.30
Over 15 to 25 miles	40.49	6.30
Over 25 miles	40.49	6.30

6.4 Voice Grade (VG) Service

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$21.12	$44.40	$62.40	$68.01
- four-wire	42.39	64.20	90.02	101.16

* As of October 31, 2014, all Telegraph Service is no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.3 Telegraph Service* (Cont'd)

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function (Cont'd)			
Different Wire Center and Demultiplexed Channels			
- Telegraph & Teletypewriter up to 150 baud	$17.75	$475.00	$280.00
- Telegraph & Teletypewriter up to 150 baud	95.37	524.72	280.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$31.15	-
Over 1 to 3 miles	31.15	$4.85
Over 3 to 5 miles	31.15	4.85
Over 5 to 15 miles	31.15	4.85
Over 15 to 25 miles	31.15	4.85
Over 25 miles	31.15	4.85

6.4 Voice Grade (VG) Service

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$16.25	$34.16	$48.00	$52.32
- four-wire	32.61	49.39	69.25	77.82

* As of October 31, 2014, all Telegraph Service is no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.3 Telegraph Service* (Cont'd)

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function (Cont'd)			
Different Wire Center and Demultiplexed Channels			
- Telegraph & Teletypewriter up to 150 baud	$17.75	$475.00	$280.00
- Telegraph & Teletypewriter up to 150 baud	86.70	524.72	280.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$28.32	-
Over 1 to 3 miles	28.32	$4.41
Over 3 to 5 miles	28.32	4.41
Over 5 to 15 miles	28.32	4.41
Over 15 to 25 miles	28.32	4.41
Over 25 miles	28.32	4.41

6.4 Voice Grade (VG) Service

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$14.78	$31.06	$43.64	$47.57
- four-wire	29.65	44.90	62.96	70.75

* As of October 31, 2014, all Telegraph Service is no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.3 Telegraph Service (Cont'd)

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function (Cont'd)			
Different Wire Center and Demultiplexed Channels			
- Telegraph & Teletypewriter up to 150 baud	$17.75	$475.00	$280.00
- Telegraph & Teletypewriter up to 150 baud	86.70	524.72	280.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$28.32	-
Over 1 to 3 miles	28.32	$4.41
Over 3 to 5 miles	28.32	4.41
Over 5 to 15 miles	28.32	4.41
Over 15 to 25 miles	28.32	4.41
Over 25 miles	28.32	4.41

6.4 Voice Grade (VG) Service

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$14.78	$31.06	$43.64	$47.57
- four-wire	29.65	44.90	62.96	70.75

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.3 Telegraph Service (Cont'd)

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function (Cont'd)			
Different Wire Center and Demultiplexed Channels			
- Telegraph & Teletypewriter up to 150 baud	$17.75	$475.00	$280.00
- Telegraph & Teletypewriter up to 150 baud	78.82	524.72	280.00

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$25.75	-
Over 1 to 3 miles	25.75	$4.01
Over 3 to 5 miles	25.75	4.01
Over 5 to 15 miles	25.75	4.01
Over 15 to 25 miles	25.75	4.01
Over 25 miles	25.75	4.01

6.4 Voice Grade (VG) Service

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- two-wire	$13.44	$28.24	$39.68	$43.25
- four-wire	26.96	40.82	57.24	64.32

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(B) Transmission Function (Cont'd)			
- Per 2-wire or 4-wire terminationø			
Same Wire Center			
- without signaling#	$ 27.95	$258.51	$140.20
- with basic signaling	69.94	294.93	170.00
- with Type A, B, or C signaling	95.63	340.00	210.00
- tieline without E & M signaling:			
customer premises to customer premises*	68.39	457.05	234.23
customer premises to wire center*	86.10	442.50	227.50
- tieline with E & M signaling:			
customer premises to customer premises*	44.83	465.00	234.23
customer premises to wire center*	38.36	457.50	242.50
- with data transmission*	86.10	429.08	270.41
- with single frequency signaling	49.00	780.00	390.00
Different Wire Center and Demultiplexed Channels			
- without signaling#	62.97	418.15	240.00
- with basic signaling	68.09	344.85	205.00
- with Type A, B, or C signaling	132.17	477.62	259.01
- tieline without E & M signaling:			
customer premises to customer premises*	32.73	655.00	320.00
customer premises to wire center*	95.10	530.00	280.00
wire center to wire center	18.55	412.88	245.00
- tieline with E & M signaling:			
customer premises to customer premises*	221.20	685.00	350.00
customer premises to wire center*	153.75	545.00	295.00
- with data transmission*	120.33	660.00	363.64
- with single frequency signaling	49.00	780.00	390.00

NOTES:

ø A minimum of two transmission functions apply per service.
When provided for full duplex operation, rates for four-wire channels apply.
* Requires four-wire local channel.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(B) Transmission Function (Cont'd)			
- Per 2-wire or 4-wire terminationø			
Same Wire Center			
- without signaling#	$ 22.36	$258.51	$140.20
- with basic signaling	55.95	294.93	170.00
- with Type A, B, or C signaling	76.51	340.00	210.00
- tieline without E & M signaling:			
customer premises to customer premises*	54.71	457.05	234.23
customer premises to wire center*	68.88	442.50	227.50
- tieline with E & M signaling:			
customer premises to customer premises*	35.86	465.00	234.23
customer premises to wire center*	30.69	457.50	242.50
- with data transmission*	68.88	429.08	270.41
- with single frequency signaling	49.00	780.00	390.00
Different Wire Center and Demultiplexed Channels			
- without signaling#	50.38	418.15	240.00
- with basic signaling	54.47	344.85	205.00
- with Type A, B, or C signaling	105.74	477.62	259.01
- tieline without E & M signaling:			
customer premises to customer premises*	26.18	655.00	320.00
customer premises to wire center*	76.08	530.00	280.00
wire center to wire center	18.55	412.88	245.00
- tieline with E & M signaling:			
customer premises to customer premises*	176.96	685.00	350.00
customer premises to wire center*	123.00	545.00	295.00
- with data transmission*	96.27	660.00	363.64
- with single frequency signaling	49.00	780.00	390.00

NOTES:

ø A minimum of two transmission functions apply per service.
When provided for full duplex operation, rates for four-wire channels apply.
* Requires four-wire local channel.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(B) Transmission Function (Cont'd)			
- Per 2-wire or 4-wire terminationø			
Same Wire Center			
- without signaling#	$ 17.89	$258.51	$140.20
- with basic signaling	44.76	294.93	170.00
- with Type A, B, or C signaling	61.20	340.00	210.00
- tieline without E & M signaling:			
customer premises to customer premises*	43.77	457.05	234.23
customer premises to wire center*	55.11	442.50	227.50
- tieline with E & M signaling:			
customer premises to customer premises*	35.86	465.00	234.23
customer premises to wire center*	30.69	457.50	242.50
- with data transmission*	55.11	429.08	270.41
- with single frequency signaling	49.00	780.00	390.00
Different Wire Center and Demultiplexed Channels			
- without signaling#	40.30	418.15	240.00
- with basic signaling	43.58	344.85	205.00
- with Type A, B, or C signaling	84.59	477.62	259.01
- tieline without E & M signaling:			
customer premises to customer premises*	26.18	655.00	320.00
customer premises to wire center*	60.87	530.00	280.00
wire center to wire center	18.55	412.88	245.00
- tieline with E & M signaling:			
customer premises to customer premises*	141.57	685.00	350.00
customer premises to wire center*	98.40	545.00	295.00
- with data transmission*	77.01	660.00	363.64
- with single frequency signaling	49.00	780.00	390.00

NOTES:

ø A minimum of two transmission functions apply per service.
When provided for full duplex operation, rates for four-wire channels apply.
* Requires four-wire local channel.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(B) Transmission Function (Cont'd)			
- Per 2-wire or 4-wire terminationø			
Same Wire Center			
- without signaling#	$ 13.76	$258.51	$140.20
- with basic signaling	34.43	294.93	170.00
- with Type A, B, or C signaling	47.08	340.00	210.00
- tieline without E & M signaling:			
customer premises to customer premises*	33.67	457.05	234.23
customer premises to wire center*	42.39	442.50	227.50
- tieline with E & M signaling:			
customer premises to customer premises*	35.86	465.00	234.23
customer premises to wire center*	30.69	457.50	242.50
- with data transmission*	42.39	429.08	270.41
- with single frequency signaling	49.00	780.00	390.00
Different Wire Center and Demultiplexed Channels			
- without signaling#	31.00	418.15	240.00
- with basic signaling	33.52	344.85	205.00
- with Type A, B, or C signaling	65.07	477.62	259.01
- tieline without E & M signaling:			
customer premises to customer premises*	26.18	655.00	320.00
customer premises to wire center*	46.82	530.00	280.00
wire center to wire center	18.55	412.88	245.00
- tieline with E & M signaling:			
customer premises to customer premises*	108.90	685.00	350.00
customer premises to wire center*	75.69	545.00	295.00
- with data transmission*	59.24	660.00	363.64
- with single frequency signaling	49.00	780.00	390.00

NOTES:

ø A minimum of two transmission functions apply per service.
When provided for full duplex operation, rates for four-wire channels apply.
* Requires four-wire local channel.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(B) Transmission Function (Cont'd)			
- Per 2-wire or 4-wire terminationø			
Same Wire Center			
- without signaling#	$ 10.59	$258.51	$140.20
- with basic signaling	26.49	294.93	170.00
- with Type A, B, or C signaling	36.22	340.00	210.00
- tieline without E & M signaling:			
customer premises to customer premises*	25.90	457.05	234.23
customer premises to wire center*	32.61	442.50	227.50
- tieline with E & M signaling:			
customer premises to customer premises*	35.86	465.00	234.23
customer premises to wire center*	30.69	457.50	242.50
- with data transmission*	32.61	429.08	270.41
- with single frequency signaling	49.00	780.00	390.00
Different Wire Center and Demultiplexed Channels			
- without signaling#	23.85	418.15	240.00
- with basic signaling	25.79	344.85	205.00
- with Type A, B, or C signaling	50.06	477.62	259.01
- tieline without E & M signaling:			
customer premises to customer premises*	26.18	655.00	320.00
customer premises to wire center*	36.02	530.00	280.00
wire center to wire center	18.55	412.88	245.00
- tieline with E & M signaling:			
customer premises to customer premises*	83.77	685.00	350.00
customer premises to wire center*	58.23	545.00	295.00
- with data transmission*	45.57	660.00	363.64
- with single frequency signaling	49.00	780.00	390.00

NOTES:

ø A minimum of two transmission functions apply per service.
When provided for full duplex operation, rates for four-wire channels apply.
* Requires four-wire local channel.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(B) Transmission Function (Cont'd)			
- Per 2-wire or 4-wire terminationø			
Same Wire Center			
- without signaling#	$ 9.63	$258.51	$140.20
- with basic signaling	24.09	294.93	170.00
- with Type A, B, or C signaling	32.93	340.00	210.00
- tieline without E & M signaling:			
customer premises to customer premises*	23.55	457.05	234.23
customer premises to wire center*	29.65	442.50	227.50
- tieline with E & M signaling:			
customer premises to customer premises*	35.86	465.00	234.23
customer premises to wire center*	30.69	457.50	242.50
- with data transmission*	29.65	429.08	270.41
- with single frequency signaling	49.00	780.00	390.00
Different Wire Center and Demultiplexed Channels			
- without signaling#	21.69	418.15	240.00
- with basic signaling	23.45	344.85	205.00
- with Type A, B, or C signaling	45.51	477.62	259.01
- tieline without E & M signaling:			
customer premises to customer premises*	26.18	655.00	320.00
customer premises to wire center*	32.75	530.00	280.00
wire center to wire center	18.55	412.88	245.00
- tieline with E & M signaling:			
customer premises to customer premises*	76.16	685.00	350.00
customer premises to wire center*	52.94	545.00	295.00
- with data transmission*	41.43	660.00	363.64
- with single frequency signaling	49.00	780.00	390.00

NOTES:

ø A minimum of two transmission functions apply per service.
When provided for full duplex operation, rates for four-wire channels apply.
* Requires four-wire local channel.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(B) Transmission Function (Cont'd)			
- Per 2-wire or 4-wire terminationø			
Same Wire Center			
- without signaling#	$ 8.76	$258.51	$140.20
- with basic signaling	21.90	294.93	170.00
- with Type A, B, or C signaling	29.94	340.00	210.00
- tieline without E & M signaling:			
customer premises to customer premises*	21.41	457.05	234.23
customer premises to wire center*	26.96	442.50	227.50
- tieline with E & M signaling:			
customer premises to customer premises*	35.86	465.00	234.23
customer premises to wire center*	30.69	457.50	242.50
- with data transmission*	26.96	429.08	270.41
- with single frequency signaling	49.00	780.00	390.00
Different Wire Center and Demultiplexed Channels			
- without signaling#	19.72	418.15	240.00
- with basic signaling	21.32	344.85	205.00
- with Type A, B, or C signaling	41.38	477.62	259.01
- tieline without E & M signaling:			
customer premises to customer premises*	26.18	655.00	320.00
customer premises to wire center*	29.78	530.00	280.00
wire center to wire center	18.55	412.88	245.00
- tieline with E & M signaling:			
customer premises to customer premises*	69.24	685.00	350.00
customer premises to wire center*	48.13	545.00	295.00
- with data transmission*	37.67	660.00	363.64
- with single frequency signaling	49.00	780.00	390.00

NOTES:

ø A minimum of two transmission functions apply per service.
When provided for full duplex operation, rates for four-wire channels apply.
* Requires four-wire local channel.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$82.25	-
Over 1 to 3 miles	82.25	$12.80
Over 3 to 5 miles	82.25	12.80
Over 5 to 15 miles	82.25	12.80
Over 15 to 25 miles	82.25	12.80
Over 25 miles	82.25	12.80

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Voice Grade channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(a) Voice Bridging at each premises at which a channel terminates	$121.06	$230.00	$135.00
(b) Data Bridging at each station at which a channel terminates	103.84	135.00	80.00

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$65.80	-
Over 1 to 3 miles	65.80	$10.24
Over 3 to 5 miles	65.80	10.24
Over 5 to 15 miles	65.80	10.24
Over 15 to 25 miles	65.80	10.24
Over 25 miles	65.80	10.24

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Voice Grade channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(a) Voice Bridging at each premises at which a channel terminates	$96.85	$230.00	$135.00
(b) Data Bridging at each station at which a channel terminates	83.07	135.00	80.00

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$52.64	-
Over 1 to 3 miles	52.64	$8.19
Over 3 to 5 miles	52.64	8.19
Over 5 to 15 miles	52.64	8.19
Over 15 to 25 miles	52.64	8.19
Over 25 miles	52.64	8.19

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Voice Grade channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(a) Voice Bridging at each premises at which a channel terminates	$77.48	$230.00	$135.00
(b) Data Bridging at each station at which a channel terminates	66.46	135.00	80.00

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$40.49	-
Over 1 to 3 miles	40.49	$6.30
Over 3 to 5 miles	40.49	6.30
Over 5 to 15 miles	40.49	6.30
Over 15 to 25 miles	40.49	6.30
Over 25 miles	40.49	6.30

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Voice Grade channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(a) Voice Bridging at each premises at which a channel terminates	$59.60	$230.00	$135.00
(b) Data Bridging at each station at which a channel terminates	51.12	135.00	80.00

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$31.15	-
Over 1 to 3 miles	31.15	$4.85
Over 3 to 5 miles	31.15	4.85
Over 5 to 15 miles	31.15	4.85
Over 15 to 25 miles	31.15	4.85
Over 25 miles	31.15	4.85

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Voice Grade channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(a) Voice Bridging at each premises at which a channel terminates	$45.85	$230.00	$135.00
(b) Data Bridging at each station at which a channel terminates	39.33	135.00	80.00

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$28.32	-
Over 1 to 3 miles	28.32	$4.41
Over 3 to 5 miles	28.32	4.41
Over 5 to 15 miles	28.32	4.41
Over 15 to 25 miles	28.32	4.41
Over 25 miles	28.32	4.41

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Voice Grade channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(a) Voice Bridging at each premises at which a channel terminates	$41.69	$230.00	$135.00
(b) Data Bridging at each station at which a channel terminates	35.76	135.00	80.00

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

	Monthly Rate	
	Fixed	Per mile
(C) Channel Mileage		
Mileage Bands		
Over 0 to 1 mile	$25.75	-
Over 1 to 3 miles	25.75	$4.01
Over 3 to 5 miles	25.75	4.01
Over 5 to 15 miles	25.75	4.01
Over 15 to 25 miles	25.75	4.01
Over 25 miles	25.75	4.01

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Voice Grade channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(a) Voice Bridging at each premises at which a channel terminates	$37.90	$230.00	$135.00
(b) Data Bridging at each station at which a channel terminates	32.51	135.00	80.00

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(1) Bridging (Cont'd)

	Monthly Rate	Nonrecurring Charge
(d) Telemetry and Alarm Bridging:		
Split Band, Active Bridging*		
Common Equipment, per Serving Wire Center		
- First bridging shelf, capacity of 48 two-wire connections	$415.43	$950.00
- Additional bridging shelf, capacity of 56 two-wire connections	55.85	750.00
Channel Connections,		
- Remote station channel connection, per group of four	51.43	118.57
- Mid-Link channel connection,		
- First channel	87.36	210.40
- Each subsequent channel	15.34	92.49

* Connections to additional bridges reduce the capacity by two two-wire connections.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(1) Bridging (Cont'd)

	Monthly Rate	Nonrecurring Charge
(d) Telemetry and Alarm Bridging:		
Split Band, Active Bridging*		
Common Equipment, per Serving Wire Center		
- First bridging shelf, capacity of 48 two-wire connections	$332.35	$950.00
- Additional bridging shelf, capacity of 56 two-wire connections	55.85	750.00
Channel Connections,		
- Remote station channel connection, per group of four	41.15	118.57
- Mid-Link channel connection,		
- First channel	69.89	210.40
- Each subsequent channel	12.27	92.49

* Connections to additional bridges reduce the capacity by two two-wire connections.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(1) Bridging (Cont'd)

	Monthly Rate	Nonrecurring Charge
(d) Telemetry and Alarm Bridging:		
Split Band, Active Bridging*		
Common Equipment, per Serving Wire Center		
- First bridging shelf, capacity of 48 two-wire connections	$265.88	$950.00
- Additional bridging shelf, capacity of 56 two-wire connections	55.85	750.00
Channel Connections,		
- Remote station channel connection, per group of four	32.92	118.57
- Mid-Link channel connection,		
- First channel	55.91	210.40
- Each subsequent channel	9.82	92.49

* Connections to additional bridges reduce the capacity by two two-wire connections.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(1) Bridging (Cont'd)

	Monthly Rate	Nonrecurring Charge
(d) Telemetry and Alarm Bridging:		
Split Band, Active Bridging*		
Common Equipment, per Serving Wire Center		
- First bridging shelf, capacity of 48 two-wire connections	$204.52	$950.00
- Additional bridging shelf, capacity of 56 two-wire connections	55.85	750.00
Channel Connections,		
- Remote station channel connection, per group of four	25.32	118.57
- Mid-Link channel connection,		
- First channel	43.01	210.40
- Each subsequent channel	7.55	92.49

* Connections to additional bridges reduce the capacity by two two-wire connections.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(1) Bridging (Cont'd)

	Monthly Rate	Nonrecurring Charge
(d) Telemetry and Alarm Bridging:		
Split Band, Active Bridging*		
Common Equipment, per Serving Wire Center		
- First bridging shelf, capacity of 48 two-wire connections	$157.33	$950.00
- Additional bridging shelf, capacity of 56 two-wire connections	55.85	750.00
Channel Connections,		
- Remote station channel connection, per group of four	19.48	118.57
- Mid-Link channel connection,		
- First channel	33.09	210.40
- Each subsequent channel	5.81	92.49

* Connections to additional bridges reduce the capacity by two two-wire connections.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(1) Bridging (Cont'd)

	Monthly Rate	Nonrecurring Charge
(d) Telemetry and Alarm Bridging:		
Split Band, Active Bridging*		
Common Equipment, per Serving Wire Center		
- First bridging shelf, capacity of 48 two-wire connections	$143.03	$950.00
- Additional bridging shelf, capacity of 56 two-wire connections	55.85	750.00
Channel Connections,		
- Remote station channel connection, per group of four	17.71	118.57
- Mid-Link channel connection,		
- First channel	30.09	210.40
- Each subsequent channel	5.29	92.49

* Connections to additional bridges reduce the capacity by two two-wire connections.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(1) Bridging (Cont'd)

	Monthly Rate	Nonrecurring Charge
(d) Telemetry and Alarm Bridging:		
Split Band, Active Bridging*		
Common Equipment, per Serving Wire Center		
- First bridging shelf, capacity of 48 two-wire connections	$130.03	$950.00
- Additional bridging shelf, capacity of 56 two-wire connections	55.85	750.00
Channel Connections,		
- Remote station channel connection, per group of four	16.10	118.57
- Mid-Link channel connection,		
- First channel	27.36	210.40
- Each subsequent channel	4.81	92.49

* Connections to additional bridges reduce the capacity by two two-wire connections.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(2) Conditioning (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(b) IntraLATA Conditioning			
- Per termination			
(b.1.) C1	$64.00	$ 48.00	$ 34.00
(b.2.) C2	64.00	48.00	34.00
(b.3.) C4	64.00	48.00	34.00
- Per Two Point Channel			
(b.4.) D1	64.00	48.00	34.00

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(c) Alternate Use Arrangements			
For each termination of a two point channel used alternately as:			
Telegraph Grade			
0-75 Baud	$21.11*	$170.00	$100.00
0-150 Baud	28.75	170.00	100.00
Voice Grade	21.11	170.00	100.00

(d) Special Design

For each interexchange voice grade channel without signaling provided for use as a specially designed mobile radio channel, a monthly charge of $18.50 applies for each station connected to a two-point channel.

* Where the customer's requirements are such that either the removal of regenerative repeaters or the provision of echo suppression cut-off control, or both, are required, a monthly charge of $23.75 applies for the alternate use.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(2) Conditioning (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(b) IntraLATA Conditioning			
- Per termination			
(b.1.) C1	$51.20	$ 48.00	$ 34.00
(b.2.) C2	51.20	48.00	34.00
(b.3.) C4	51.20	48.00	34.00
- Per Two Point Channel			
(b.4.) D1	51.20	48.00	34.00

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(c) Alternate Use Arrangements			
For each termination of a two point channel used alternately as:			
Telegraph Grade			
0-75 Baud	$21.11*	$170.00	$100.00
0-150 Baud	28.75	170.00	100.00
Voice Grade	21.11	170.00	100.00

(d) Special Design

For each interexchange voice grade channel without signaling provided for use as a specially designed mobile radio channel, a monthly charge of $18.50 applies for each station connected to a two-point channel.

* Where the customer's requirements are such that either the removal of regenerative repeaters or the provision of echo suppression cut-off control, or both, are required, a monthly charge of $23.75 applies for the alternate use.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(2) Conditioning (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(b) IntraLATA Conditioning			
- Per termination			
(b.1.) C1	$40.96	$ 48.00	$ 34.00
(b.2.) C2	40.96	48.00	34.00
(b.3.) C4	40.96	48.00	34.00
- Per Two Point Channel			
(b.4.) D1	40.96	48.00	34.00

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(c) Alternate Use Arrangements			
For each termination of a two point channel used alternately as:			
Telegraph Grade			
0-75 Baud	$21.11*	$170.00	$100.00
0-150 Baud	28.75	170.00	100.00
Voice Grade	21.11	170.00	100.00

(d) Special Design

For each interexchange voice grade channel without signaling provided for use as a specially designed mobile radio channel, a monthly charge of $18.50 applies for each station connected to a two-point channel.

* Where the customer's requirements are such that either the removal of regenerative repeaters or the provision of echo suppression cut-off control, or both, are required, a monthly charge of $23.75 applies for the alternate use.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(2) Conditioning (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(b) IntraLATA Conditioning			
- Per termination			
(b.1.) C1	$31.51	$ 48.00	$ 34.00
(b.2.) C2	31.51	48.00	34.00
(b.3.) C4	31.51	48.00	34.00
- Per Two Point Channel			
(b.4.) D1	31.51	48.00	34.00

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(c) Alternate Use Arrangements			
For each termination of a two point channel used alternately as:			
Telegraph Grade			
0-75 Baud	$21.11*	$170.00	$100.00
0-150 Baud	28.75	170.00	100.00
Voice Grade	21.11	170.00	100.00

(d) Special Design

For each interexchange voice grade channel without signaling provided for use as a specially designed mobile radio channel, a monthly charge of $18.50 applies for each station connected to a two-point channel.

* Where the customer's requirements are such that either the removal of regenerative repeaters or the provision of echo suppression cut-off control, or both, are required, a monthly charge of $23.75 applies for the alternate use.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(2) Conditioning (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(b) IntraLATA Conditioning			
- Per termination			
(b.1.) C1	$24.24	$ 48.00	$ 34.00
(b.2.) C2	24.24	48.00	34.00
(b.3.) C4	24.24	48.00	34.00
- Per Two Point Channel			
(b.4.) D1	24.24	48.00	34.00

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(c) Alternate Use Arrangements			
For each termination of a two point channel used alternately as:			
Telegraph Grade			
0-75 Baud	$21.11*	$170.00	$100.00
0-150 Baud	28.75	170.00	100.00
Voice Grade	21.11	170.00	100.00

(d) Special Design

For each interexchange voice grade channel without signaling provided for use as a specially designed mobile radio channel, a monthly charge of $18.50 applies for each station connected to a two-point channel.

* Where the customer's requirements are such that either the removal of regenerative repeaters or the provision of echo suppression cut-off control, or both, are required, a monthly charge of $23.75 applies for the alternate use.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(2) Conditioning (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(b) IntraLATA Conditioning			
- Per termination			
(b.1.) C1	$22.04	$ 48.00	$ 34.00
(b.2.) C2	22.04	48.00	34.00
(b.3.) C4	22.04	48.00	34.00
- Per Two Point Channel			
(b.4.) D1	22.04	48.00	34.00

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(c) Alternate Use Arrangements			
For each termination of a two point channel used alternately as:			
Telegraph Grade			
0-75 Baud	$21.11*	$170.00	$100.00
0-150 Baud	28.75	170.00	100.00
Voice Grade	21.11	170.00	100.00

(d) Special Design

For each interexchange voice grade channel without signaling provided for use as a specially designed mobile radio channel, a monthly charge of $18.50 applies for each station connected to a two-point channel.

* Where the customer's requirements are such that either the removal of regenerative repeaters or the provision of echo suppression cut-off control, or both, are required, a monthly charge of $23.75 applies for the alternate use.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.4 Voice Grade (VG) Service (Cont'd)

(D) Optional Features (Cont'd)

(2) Conditioning (Cont'd)

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(b) IntraLATA Conditioning			
- Per termination			
(b.1.) C1	$20.04	$ 48.00	$ 34.00
(b.2.) C2	20.04	48.00	34.00
(b.3.) C4	20.04	48.00	34.00
- Per Two Point Channel			
(b.4.) D1	20.04	48.00	34.00

	Monthly Rate	Nonrecurring Charge Initial	Nonrecurring Charge Additional
(c) Alternate Use Arrangements			
For each termination of a two point channel used alternately as:			
Telegraph Grade			
0-75 Baud	$21.11*	$170.00	$100.00
0-150 Baud	28.75	170.00	100.00
Voice Grade	21.11	170.00	100.00

(d) Special Design

For each interexchange voice grade channel without signaling provided for use as a specially designed mobile radio channel, a monthly charge of $18.50 applies for each station connected to a two-point channel.

* Where the customer's requirements are such that either the removal of regenerative repeaters or the provision of echo suppression cut-off control, or both, are required, a monthly charge of $23.75 applies for the alternate use.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services* (Cont'd)

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- Two-wire	$42.90	$90.19	$127.01	$152.95

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
Non-Equalized Service			
- 200 to 3500 Hz	$22.83	$277.15	$156.61
Equalized Service			
- 100 to 5000 Hz	99.49	446.27	229.74
- 50 to 8000 Hz	119.56	446.94	230.02
- 50 to 15000 Hz	234.06	478.75	248.47
Different Wire Center and Demultiplexed Channels			
Non-Equalized Service			
- 200 to 3500 Hz	68.60	705.00	430.00
Equalized Service			
- 100 to 5000 Hz	207.05	950.00	505.00
- 50 to 8000 Hz	255.94	950.00	505.00
- 50 to 15000 Hz	437.31	680.00	341.98

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services* (Cont'd)

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- Two-wire	$34.32	$72.15	$101.61	$122.36

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
Non-Equalized Service			
- 200 to 3500 Hz	$18.27	$277.15	$156.61
Equalized Service			
- 100 to 5000 Hz	79.59	446.27	229.74
- 50 to 8000 Hz	95.65	446.94	230.02
- 50 to 15000 Hz	187.25	478.75	248.47
Different Wire Center and Demultiplexed Channels			
Non-Equalized Service			
- 200 to 3500 Hz	54.88	705.00	430.00
Equalized Service			
- 100 to 5000 Hz	165.64	950.00	505.00
- 50 to 8000 Hz	204.75	950.00	505.00
- 50 to 15000 Hz	349.85	680.00	341.98

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services* (Cont'd)

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- Two-wire	$27.46	$57.72	$81.29	$97.89

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
Non-Equalized Service			
- 200 to 3500 Hz	$14.61	$277.15	$156.61
Equalized Service			
- 100 to 5000 Hz	63.67	446.27	229.74
- 50 to 8000 Hz	76.52	446.94	230.02
- 50 to 15000 Hz	149.80	478.75	248.47
Different Wire Center and Demultiplexed Channels			
Non-Equalized Service			
- 200 to 3500 Hz	43.90	705.00	430.00
Equalized Service			
- 100 to 5000 Hz	132.51	950.00	505.00
- 50 to 8000 Hz	163.80	950.00	505.00
- 50 to 15000 Hz	279.88	680.00	341.98

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services* (Cont'd)

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- Two-wire	$21.12	$44.40	$62.53	$75.30

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
Non-Equalized Service			
- 200 to 3500 Hz	$11.24	$277.15	$156.61
Equalized Service			
- 100 to 5000 Hz	48.98	446.27	229.74
- 50 to 8000 Hz	58.86	446.94	230.02
- 50 to 15000 Hz	115.23	478.75	248.47
Different Wire Center and Demultiplexed Channels			
Non-Equalized Service			
- 200 to 3500 Hz	33.77	705.00	430.00
Equalized Service			
- 100 to 5000 Hz	101.93	950.00	505.00
- 50 to 8000 Hz	126.00	950.00	505.00
- 50 to 15000 Hz	215.29	680.00	341.98

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services* (Cont'd)

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- Two-wire	$16.25	$34.16	$48.10	$57.93

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
Non-Equalized Service			
- 200 to 3500 Hz	$8.65	$277.15	$156.61
Equalized Service			
- 100 to 5000 Hz	37.68	446.27	229.74
- 50 to 8000 Hz	45.28	446.94	230.02
- 50 to 15000 Hz	88.64	478.75	248.47
Different Wire Center and Demultiplexed Channels			
Non-Equalized Service			
- 200 to 3500 Hz	25.98	705.00	430.00
Equalized Service			
- 100 to 5000 Hz	78.41	950.00	505.00
- 50 to 8000 Hz	96.93	950.00	505.00
- 50 to 15000 Hz	165.61	680.00	341.98

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services* (Cont'd)

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- Two-wire	$14.78	$31.06	$43.73	$52.67

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
Non-Equalized Service			
- 200 to 3500 Hz	$7.87	$277.15	$156.61
Equalized Service			
- 100 to 5000 Hz	34.26	446.27	229.74
- 50 to 8000 Hz	41.17	446.94	230.02
- 50 to 15000 Hz	80.59	478.75	248.47
Different Wire Center and Demultiplexed Channels			
Non-Equalized Service			
- 200 to 3500 Hz	23.62	705.00	430.00
Equalized Service			
- 100 to 5000 Hz	71.29	950.00	505.00
- 50 to 8000 Hz	88.12	950.00	505.00
- 50 to 15000 Hz	150.56	680.00	341.98

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services (Cont'd)

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- Two-wire	$14.78	$31.06	$43.73	$52.67

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
Non-Equalized Service			
- 200 to 3500 Hz	$7.87	$277.15	$156.61
Equalized Service			
- 100 to 5000 Hz	34.26	446.27	229.74
- 50 to 8000 Hz	41.17	446.94	230.02
- 50 to 15000 Hz	80.59	478.75	248.47
Different Wire Center and Demultiplexed Channels			
Non-Equalized Service			
- 200 to 3500 Hz	23.62	705.00	430.00
Equalized Service			
- 100 to 5000 Hz	71.29	950.00	505.00
- 50 to 8000 Hz	88.12	950.00	505.00
- 50 to 15000 Hz	150.56	680.00	341.98

SPECIAL SERVICES

5. Rate Regulations (Cont'd)

5.6 Facility Hubs (Cont'd)

The Telephone Company will commence billing the monthly rate for the facility to the Hub on the date specified by the customer on the service order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the Hub, or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a High Capacity Local Channel, Transmission Function, Channel Mileage (when applicable), and the multiplexer at the time the facility is installed. The customer will also be liable for individual service rates (by service type) for a Local Channel, Transmission Function and additional Channel Mileage (as required) for each channelized service installed.

Cascading multiplexing occurs when a High Capacity digital channel is de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed.

When cascading multiplexing is performed whether in the same or a different Hub, a charge for the additional multiplexing unit also applies. When cascading multiplexing is performed at different Hubbing locations, Channel Mileage Charges also apply between the Hubs.

5.7 Shared Use Analog and Digital High Capacity Services

Shared use occurs when Special Service and Switched Access Service are provided over the same High Capacity facilities through a common interface. The facility will be ordered and rated as Special Service, i.e., Local Channel, Channel Mileage, Transmission Function, as appropriate, and Multiplexer, until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Service. As each individual channel is activated for Switched Access Service, the Special Services Local Channel, Transmission Function, Channel Mileage and Multiplexer rates will be reduced accordingly, e.g., $1/24^{th}$ for a DS1 service, etc. The customer must place an order for each individual Switched Access or Special Service utilizing the Shared Use Facilities and specify the channel assignment for each such service.

Additionally, DS1 service when provided with the Alternate Serving Wire Center (ASWC) optional feature (See P.U.C. No. 1, Section 15) will not be reduced by more than 23/24ths, i.e., at least one channel of a DS1 with ASWC will always be billed as Special Access.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services (Cont'd)

	Monthly Rate/Cell			
	1	2	3	4
(A) Local Channel				
- Per termination				
- Two-wire	$13.44	$28.24	$39.76	$47.89

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(B) Transmission Function			
- Per termination*			
Same Wire Center			
Non-Equalized Service			
- 200 to 3500 Hz	$7.16	$277.15	$156.61
Equalized Service			
- 100 to 5000 Hz	31.15	446.27	229.74
- 50 to 8000 Hz	37.43	446.94	230.02
- 50 to 15000 Hz	73.27	478.75	248.47
Different Wire Center and Demultiplexed Channels			
Non-Equalized Service			
- 200 to 3500 Hz	21.48	705.00	430.00
Equalized Service			
- 100 to 5000 Hz	64.81	950.00	505.00
- 50 to 8000 Hz	80.11	950.00	505.00
- 50 to 15000 Hz	136.88	680.00	341.98

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services* (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage Mileage Bands		
Nonequalized Service		
(1) 200 to 3500 Hz		
Over 0 to 1 mile	$31.15	-
Over 1 to 3 miles	31.15	$4.85
Over 3 to 5 miles	31.15	4.85
Over 5 to 15 miles	31.15	4.85
Over 15 to 25 miles	31.15	4.85
Over 25 miles	31.15	4.85
Equalized Service		
(1) 100 to 5000 Hz		
Over 0 to 1 mile	34.50	-
Over 1 to 3 miles	34.50	6.00
Over 3 to 5 miles	34.50	6.00
Over 5 to 15 miles	34.50	6.00
Over 15 to 25 miles	34.50	6.00
Over 25 miles	34.50	6.00
(2) 50 to 8000 Hz		
Over 0 to 1 mile	264.92	-
Over 1 to 3 miles	264.92	46.21
Over 3 to 5 miles	264.92	46.21
Over 5 to 15 miles	264.92	46.21
Over 15 to 25 miles	264.92	46.21
Over 25 miles	264.92	46.21

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services* (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage Mileage Bands		
Nonequalized Service		
(1) 200 to 3500 Hz		
Over 0 to 1 mile	$31.15	-
Over 1 to 3 miles	31.15	$4.85
Over 3 to 5 miles	31.15	4.85
Over 5 to 15 miles	31.15	4.85
Over 15 to 25 miles	31.15	4.85
Over 25 miles	31.15	4.85
Equalized Service		
(1) 100 to 5000 Hz		
Over 0 to 1 mile	34.50	-
Over 1 to 3 miles	34.50	6.00
Over 3 to 5 miles	34.50	6.00
Over 5 to 15 miles	34.50	6.00
Over 15 to 25 miles	34.50	6.00
Over 25 miles	34.50	6.00
(2) 50 to 8000 Hz		
Over 0 to 1 mile	211.93	-
Over 1 to 3 miles	211.93	36.97
Over 3 to 5 miles	211.93	36.97
Over 5 to 15 miles	211.93	36.97
Over 15 to 25 miles	211.93	36.97
Over 25 miles	211.93	36.97

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services* (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage		
Mileage Bands		
Nonequalized Service		
(1) 200 to 3500 Hz		
Over 0 to 1 mile	$31.15	-
Over 1 to 3 miles	31.15	$4.85
Over 3 to 5 miles	31.15	4.85
Over 5 to 15 miles	31.15	4.85
Over 15 to 25 miles	31.15	4.85
Over 25 miles	31.15	4.85
Equalized Service		
(1) 100 to 5000 Hz		
Over 0 to 1 mile	34.50	-
Over 1 to 3 miles	34.50	6.00
Over 3 to 5 miles	34.50	6.00
Over 5 to 15 miles	34.50	6.00
Over 15 to 25 miles	34.50	6.00
Over 25 miles	34.50	6.00
(2) 50 to 8000 Hz		
Over 0 to 1 mile	169.55	-
Over 1 to 3 miles	169.55	29.58
Over 3 to 5 miles	169.55	29.58
Over 5 to 15 miles	169.55	29.58
Over 15 to 25 miles	169.55	29.58
Over 25 miles	169.55	29.58

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services* (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage Mileage Bands		
Nonequalized Service		
(1) 200 to 3500 Hz		
Over 0 to 1 mile	$31.15	-
Over 1 to 3 miles	31.15	$4.85
Over 3 to 5 miles	31.15	4.85
Over 5 to 15 miles	31.15	4.85
Over 15 to 25 miles	31.15	4.85
Over 25 miles	31.15	4.85
Equalized Service		
(1) 100 to 5000 Hz		
Over 0 to 1 mile	34.50	-
Over 1 to 3 miles	34.50	6.00
Over 3 to 5 miles	34.50	6.00
Over 5 to 15 miles	34.50	6.00
Over 15 to 25 miles	34.50	6.00
Over 25 miles	34.50	6.00
(2) 50 to 8000 Hz		
Over 0 to 1 mile	130.42	-
Over 1 to 3 miles	130.42	22.75
Over 3 to 5 miles	130.42	22.75
Over 5 to 15 miles	130.42	22.75
Over 15 to 25 miles	130.42	22.75
Over 25 miles	130.42	22.75

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SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services* (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage		
Mileage Bands		
Nonequalized Service		
(1) 200 to 3500 Hz		
Over 0 to 1 mile	$31.15	-
Over 1 to 3 miles	31.15	$4.85
Over 3 to 5 miles	31.15	4.85
Over 5 to 15 miles	31.15	4.85
Over 15 to 25 miles	31.15	4.85
Over 25 miles	31.15	4.85
Equalized Service		
(1) 100 to 5000 Hz		
Over 0 to 1 mile	34.50	-
Over 1 to 3 miles	34.50	6.00
Over 3 to 5 miles	34.50	6.00
Over 5 to 15 miles	34.50	6.00
Over 15 to 25 miles	34.50	6.00
Over 25 miles	34.50	6.00
(2) 50 to 8000 Hz		
Over 0 to 1 mile	100.33	-
Over 1 to 3 miles	100.33	17.50
Over 3 to 5 miles	100.33	17.50
Over 5 to 15 miles	100.33	17.50
Over 15 to 25 miles	100.33	17.50
Over 25 miles	100.33	17.50

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services* (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage Mileage Bands		
Nonequalized Service		
(1) 200 to 3500 Hz		
Over 0 to 1 mile	$28.32	-
Over 1 to 3 miles	28.32	$4.41
Over 3 to 5 miles	28.32	4.41
Over 5 to 15 miles	28.32	4.41
Over 15 to 25 miles	28.32	4.41
Over 25 miles	28.32	4.41
Equalized Service		
(1) 100 to 5000 Hz		
Over 0 to 1 mile	34.50	-
Over 1 to 3 miles	34.50	6.00
Over 3 to 5 miles	34.50	6.00
Over 5 to 15 miles	34.50	6.00
Over 15 to 25 miles	34.50	6.00
Over 25 miles	34.50	6.00
(2) 50 to 8000 Hz		
Over 0 to 1 mile	91.21	-
Over 1 to 3 miles	91.21	15.91
Over 3 to 5 miles	91.21	15.91
Over 5 to 15 miles	91.21	15.91
Over 15 to 25 miles	91.21	15.91
Over 25 miles	91.21	15.91

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage Mileage Bands		
Nonequalized Service		
(1) 200 to 3500 Hz		
Over 0 to 1 mile	$28.32	-
Over 1 to 3 miles	28.32	$4.41
Over 3 to 5 miles	28.32	4.41
Over 5 to 15 miles	28.32	4.41
Over 15 to 25 miles	28.32	4.41
Over 25 miles	28.32	4.41
Equalized Service		
(1) 100 to 5000 Hz		
Over 0 to 1 mile	34.50	-
Over 1 to 3 miles	34.50	6.00
Over 3 to 5 miles	34.50	6.00
Over 5 to 15 miles	34.50	6.00
Over 15 to 25 miles	34.50	6.00
Over 25 miles	34.50	6.00
(2) 50 to 8000 Hz		
Over 0 to 1 mile	91.21	-
Over 1 to 3 miles	91.21	15.91
Over 3 to 5 miles	91.21	15.91
Over 5 to 15 miles	91.21	15.91
Over 15 to 25 miles	91.21	15.91
Over 25 miles	91.21	15.91

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Services (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage Mileage Bands		
Nonequalized Service		
(1) 200 to 3500 Hz		
Over 0 to 1 mile	$25.75	-
Over 1 to 3 miles	25.75	$4.01
Over 3 to 5 miles	25.75	4.01
Over 5 to 15 miles	25.75	4.01
Over 15 to 25 miles	25.75	4.01
Over 25 miles	25.75	4.01
Equalized Service		
(1) 100 to 5000 Hz		
Over 0 to 1 mile	34.50	-
Over 1 to 3 miles	34.50	6.00
Over 3 to 5 miles	34.50	6.00
Over 5 to 15 miles	34.50	6.00
Over 15 to 25 miles	34.50	6.00
Over 25 miles	34.50	6.00
(2) 50 to 8000 Hz		
Over 0 to 1 mile	82.92	-
Over 1 to 3 miles	82.92	14.47
Over 3 to 5 miles	82.92	14.47
Over 5 to 15 miles	82.92	14.47
Over 15 to 25 miles	82.92	14.47
Over 25 miles	82.92	14.47

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Service* (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage		
Mileage Bands (Cont'd)		
Equalized Service (Cont'd)		
(3) 50 to 15000 Hz		
Over 0 to 1 mile	$103.00	-
Over 1 to 3 miles	103.00	$17.00
Over 3 to 5 miles	103.00	17.00
Over 5 to 15 miles	103.00	17.00
Over 15 to 25 miles	103.00	17.00
Over 25 miles	103.00	17.00

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Program Audio Channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
At each premises at which the channel terminates	$103.84	$75.00	$45.00

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Service* (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage		
Mileage Bands (Cont'd)		
Equalized Service (Cont'd)		
(3) 50 to 15000 Hz		
Over 0 to 1 mile	$103.00	-
Over 1 to 3 miles	103.00	$17.00
Over 3 to 5 miles	103.00	17.00
Over 5 to 15 miles	103.00	17.00
Over 15 to 25 miles	103.00	17.00
Over 25 miles	103.00	17.00

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Program Audio Channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
At each premises at which the channel terminates	$83.07	$75.00	$45.00

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Service* (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage		
Mileage Bands (Cont'd)		
Equalized Service (Cont'd)		
(3) 50 to 15000 Hz		
Over 0 to 1 mile	$103.00	-
Over 1 to 3 miles	103.00	$17.00
Over 3 to 5 miles	103.00	17.00
Over 5 to 15 miles	103.00	17.00
Over 15 to 25 miles	103.00	17.00
Over 25 miles	103.00	17.00

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Program Audio Channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
At each premises at which the channel terminates	$66.46	$75.00	$45.00

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Service* (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage		
Mileage Bands (Cont'd)		
Equalized Service (Cont'd)		
(3) 50 to 15000 Hz		
Over 0 to 1 mile	$103.00	-
Over 1 to 3 miles	103.00	$17.00
Over 3 to 5 miles	103.00	17.00
Over 5 to 15 miles	103.00	17.00
Over 15 to 25 miles	103.00	17.00
Over 25 miles	103.00	17.00

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Program Audio Channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
At each premises at which the channel terminates	$51.12	$75.00	$45.00

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Service* (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage		
Mileage Bands (Cont'd)		
Equalized Service (Cont'd)		
(3) 50 to 15000 Hz		
Over 0 to 1 mile	$103.00	-
Over 1 to 3 miles	103.00	$17.00
Over 3 to 5 miles	103.00	17.00
Over 5 to 15 miles	103.00	17.00
Over 15 to 25 miles	103.00	17.00
Over 25 miles	103.00	17.00

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Program Audio Channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
At each premises at which the channel terminates	$39.33	$75.00	$45.00

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Service* (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage		
Mileage Bands (Cont'd)		
Equalized Service (Cont'd)		
(3) 50 to 15000 Hz		
Over 0 to 1 mile	$103.00	-
Over 1 to 3 miles	103.00	$17.00
Over 3 to 5 miles	103.00	17.00
Over 5 to 15 miles	103.00	17.00
Over 15 to 25 miles	103.00	17.00
Over 25 miles	103.00	17.00

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Program Audio Channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
At each premises at which the channel terminates	$35.76	$75.00	$45.00

* As of October 31, 2014, all Program Audio Services are no longer available to new customers. Existing customers may maintain their channels; however, term commitment plans will not be renewed. Moves, Adds or changes to subscribers' existing channels are permissible.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Service (Cont'd)

	Monthly Rate	
	Fixed	Per Mile
(C) Channel Mileage Mileage Bands (Cont'd)		
Equalized Service (Cont'd)		
(3) 50 to 15000 Hz		
Over 0 to 1 mile	$103.00	-
Over 1 to 3 miles	103.00	$17.00
Over 3 to 5 miles	103.00	17.00
Over 5 to 15 miles	103.00	17.00
Over 15 to 25 miles	103.00	17.00
Over 25 miles	103.00	17.00

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Program Audio Channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
At each premises at which the channel terminates	$35.76	$75.00	$45.00

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.5 Program Audio Service (Cont'd)

	Monthly Rate	
	Fixed	Per Mile

(C) Channel Mileage
Mileage Bands (Cont'd)

Equalized Service (Cont'd)

(3) 50 to 15000 Hz

Over 0 to 1 mile	$103.00	-
Over 1 to 3 miles	103.00	$17.00
Over 3 to 5 miles	103.00	17.00
Over 5 to 15 miles	103.00	17.00
Over 15 to 25 miles	103.00	17.00
Over 25 miles	103.00	17.00

(D) Optional Features

(1) Bridging

In addition to all other applicable charges for the channel, the following charges apply for bridging multipoint Program Audio Channels.

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
At each premises at which the channel terminates	$32.51	$75.00	$45.00

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service

(A) Digital Data(DA)

	Monthly Rate/Cell			
	1	2	3	4
(1) Local Channel				
- Per termination				
2.4 Kbps	$128.54	$154.33	$205.77	$257.24
4.8 Kbps	128.54	154.33	205.77	257.24
9.6 Kbps	128.54	154.33	205.77	257.24
56.0 Kbps	257.24	282.95	308.69	360.12

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(2) Transmission Function			
- Per termination			
2.4 Kbps	$ 282.95	$600.00	$354.25
4.8 Kbps	437.31	600.00	354.25
9.6 Kbps	463.04	600.00	354.25
56.0 Kbps	707.48	600.00	354.25

	Monthly Rate	
(3) Channel Mileage	Fixed	Per mile
Mileage Bands		
(a) 2.4 Kbps		
Over 0 to 1 mile	$128.54	-
Over 1 to 3 miles	128.54	$10.24
Over 3 to 5 miles	128.54	10.24
Over 5 to 15 miles	128.54	10.24
Over 15 to 25 miles	128.54	10.24
Over 25 miles	128.54	10.24

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service

(A) Digital Data(DA)

	Monthly Rate/Cell			
	1	2	3	4
(1) Local Channel				
- Per termination				
2.4 Kbps	$102.83	$123.47	$164.61	$205.79
4.8 Kbps	102.83	123.47	164.61	205.79
9.6 Kbps	102.83	123.47	164.61	205.79
56.0 Kbps	205.79	226.36	246.95	288.10

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(2) Transmission Function			
- Per termination			
2.4 Kbps	$ 226.36	$600.00	$354.25
4.8 Kbps	349.85	600.00	354.25
9.6 Kbps	370.44	600.00	354.25
56.0 Kbps	565.99	600.00	354.25

	Monthly Rate	
(3) Channel Mileage Mileage Bands	Fixed	Per mile
(a) 2.4 Kbps		
Over 0 to 1 mile	$102.83	-
Over 1 to 3 miles	102.83	$8.19
Over 3 to 5 miles	102.83	8.19
Over 5 to 15 miles	102.83	8.19
Over 15 to 25 miles	102.83	8.19
Over 25 miles	102.83	8.19

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service

(A) Digital Data(DA)

	Monthly Rate/Cell			
	1	2	3	4
(1) Local Channel				
- Per termination				
2.4 Kbps	$82.26	$98.77	$131.69	$164.63
4.8 Kbps	82.26	98.77	131.69	164.63
9.6 Kbps	82.26	98.77	131.69	164.63
56.0 Kbps	164.63	181.09	197.56	230.48

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(2) Transmission Function			
- Per termination			
2.4 Kbps	$ 181.09	$600.00	$354.25
4.8 Kbps	279.88	600.00	354.25
9.6 Kbps	296.35	600.00	354.25
56.0 Kbps	452.79	600.00	354.25

	Monthly Rate	
(3) Channel Mileage Mileage Bands	Fixed	Per mile
(a) 2.4 Kbps		
Over 0 to 1 mile	$82.26	-
Over 1 to 3 miles	82.26	$6.55
Over 3 to 5 miles	82.26	6.55
Over 5 to 15 miles	82.26	6.55
Over 15 to 25 miles	82.26	6.55
Over 25 miles	82.26	6.55

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service

(A) Digital Data(DA)

	Monthly Rate/Cell			
	1	2	3	4
(1) Local Channel				
- Per termination				
2.4 Kbps	$63.28	$75.98	$101.30	$126.64
4.8 Kbps	63.28	75.98	101.30	126.64
9.6 Kbps	63.28	75.98	101.30	126.64
56.0 Kbps	126.64	139.30	151.97	177.29

	Monthly Rate	Nonrecurring Charge	
		Initial	Additional
(2) Transmission Function			
- Per termination			
2.4 Kbps	$ 139.30	$600.00	$354.25
4.8 Kbps	215.29	600.00	354.25
9.6 Kbps	227.96	600.00	354.25
56.0 Kbps	348.30	600.00	354.25

	Monthly Rate	
(3) Channel Mileage Mileage Bands	Fixed	Per mile
(a) 2.4 Kbps		
Over 0 to 1 mile	$63.28	-
Over 1 to 3 miles	63.28	$5.04
Over 3 to 5 miles	63.28	5.04
Over 5 to 15 miles	63.28	5.04
Over 15 to 25 miles	63.28	5.04
Over 25 miles	63.28	5.04

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service

(A) Digital Data(DA)

	Monthly Rate/Cell			
	1	2	3	4
(1) Local Channel				
- Per termination				
2.4 Kbps	$48.68	$58.45	$77.93	$97.42
4.8 Kbps	48.68	58.45	77.93	97.42
9.6 Kbps	48.68	58.45	77.93	97.42
56.0 Kbps	97.42	107.16	116.90	136.38

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(2) Transmission Function			
- Per termination			
2.4 Kbps	$ 107.16	$600.00	$354.25
4.8 Kbps	165.61	600.00	354.25
9.6 Kbps	175.36	600.00	354.25
56.0 Kbps	267.93	600.00	354.25

	Monthly Rate	
(3) Channel Mileage Mileage Bands	Fixed	Per mile
(a) 2.4 Kbps		
Over 0 to 1 mile	$48.68	-
Over 1 to 3 miles	48.68	$3.88
Over 3 to 5 miles	48.68	3.88
Over 5 to 15 miles	48.68	3.88
Over 15 to 25 miles	48.68	3.88
Over 25 miles	48.68	3.88

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service

(A) Digital Data(DA)

	Monthly Rate/Cell			
	1	2	3	4
(1) Local Channel				
- Per termination				
2.4 Kbps	$44.26	$53.14	$70.85	$88.57
4.8 Kbps	44.26	53.14	70.85	88.57
9.6 Kbps	44.26	53.14	70.85	88.57
56.0 Kbps	88.57	97.42	106.28	123.99

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(2) Transmission Function			
- Per termination			
2.4 Kbps	$ 97.42	$600.00	$354.25
4.8 Kbps	150.56	600.00	354.25
9.6 Kbps	159.42	600.00	354.25
56.0 Kbps	243.58	600.00	354.25

	Monthly Rate	
(3) Channel Mileage Mileage Bands	Fixed	Per mile
(a) 2.4 Kbps		
Over 0 to 1 mile	$44.26	-
Over 1 to 3 miles	44.26	$3.53
Over 3 to 5 miles	44.26	3.53
Over 5 to 15 miles	44.26	3.53
Over 15 to 25 miles	44.26	3.53
Over 25 miles	44.26	3.53

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service

(A) Digital Data(DA)

	Monthly Rate/Cell			
	1	2	3	4
(1) Local Channel				
- Per termination				
2.4 Kbps	$40.24	$48.31	$64.41	$80.52
4.8 Kbps	40.24	48.31	64.41	80.52
9.6 Kbps	40.24	48.31	64.41	80.52
56.0 Kbps	80.52	88.57	96.62	112.72

	Monthly	Nonrecurring Charge	
	Rate	Initial	Additional
(2) Transmission Function			
- Per termination			
2.4 Kbps	$ 88.57	$600.00	$354.25
4.8 Kbps	136.88	600.00	354.25
9.6 Kbps	144.93	600.00	354.25
56.0 Kbps	221.44	600.00	354.25

	Monthly Rate	
(3) Channel Mileage Mileage Bands	Fixed	Per mile
(a) 2.4 Kbps		
Over 0 to 1 mile	$40.24	-
Over 1 to 3 miles	40.24	$3.21
Over 3 to 5 miles	40.24	3.21
Over 5 to 15 miles	40.24	3.21
Over 15 to 25 miles	40.24	3.21
Over 25 miles	40.24	3.21

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA)(Cont'd)

	Monthly Rate	
	Fixed	Per mile
(3) Channel Mileage Mileage Bands(Cont'd)		
(b) 4.8 Kbps		
Over 0 to 1 mile	$128.54	-
Over 1 to 3 miles	128.54	$10.24
Over 3 to 5 miles	128.54	10.24
Over 5 to 15 miles	128.54	10.24
Over 15 to 25 miles	128.54	10.24
Over 25 miles	128.54	10.24
(c) 9.6 Kbps		
Over 0 to 1 mile	$128.54	-
Over 1 to 3 miles	128.54	$10.24
Over 3 to 5 miles	128.54	10.24
Over 5 to 15 miles	128.54	10.24
Over 15 to 25 miles	128.54	10.24
Over 25 miles	128.54	10.24
(d) 56 Kbps		
Over 0 to 1 mile	$128.54	-
Over 1 to 3 miles	128.54	$10.24
Over 3 to 5 miles	128.54	10.24
Over 5 to 15 miles	128.54	10.24
Over 15 to 25 miles	128.54	10.24
Over 25 miles	128.54	10.24

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA)(Cont'd)

	Monthly Rate	
	Fixed	Per mile
(3) Channel Mileage Mileage Bands(Cont'd)		
(b) 4.8 Kbps		
Over 0 to 1 mile	$102.83	-
Over 1 to 3 miles	102.83	$8.19
Over 3 to 5 miles	102.83	8.19
Over 5 to 15 miles	102.83	8.19
Over 15 to 25 miles	102.83	8.19
Over 25 miles	102.83	8.19
(c) 9.6 Kbps		
Over 0 to 1 mile	$102.83	-
Over 1 to 3 miles	102.83	$8.19
Over 3 to 5 miles	102.83	8.19
Over 5 to 15 miles	102.83	8.19
Over 15 to 25 miles	102.83	8.19
Over 25 miles	102.83	8.19
(d) 56 Kbps		
Over 0 to 1 mile	$102.83	-
Over 1 to 3 miles	102.83	$8.19
Over 3 to 5 miles	102.83	8.19
Over 5 to 15 miles	102.83	8.19
Over 15 to 25 miles	102.83	8.19
Over 25 miles	102.83	8.19

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA)(Cont'd)

	Monthly Rate	
	Fixed	Per mile
(3) Channel Mileage Mileage Bands(Cont'd)		
(b) 4.8 Kbps		
Over 0 to 1 mile	$82.26	-
Over 1 to 3 miles	82.26	$6.55
Over 3 to 5 miles	82.26	6.55
Over 5 to 15 miles	82.26	6.55
Over 15 to 25 miles	82.26	6.55
Over 25 miles	82.26	6.55
(c) 9.6 Kbps		
Over 0 to 1 mile	$82.26	-
Over 1 to 3 miles	82.26	$6.55
Over 3 to 5 miles	82.26	6.55
Over 5 to 15 miles	82.26	6.55
Over 15 to 25 miles	82.26	6.55
Over 25 miles	82.26	6.55
(d) 56 Kbps		
Over 0 to 1 mile	$82.26	-
Over 1 to 3 miles	82.26	$6.55
Over 3 to 5 miles	82.26	6.55
Over 5 to 15 miles	82.26	6.55
Over 15 to 25 miles	82.26	6.55
Over 25 miles	82.26	6.55

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA)(Cont'd)

	Monthly Rate	
	Fixed	Per mile
(3) Channel Mileage Mileage Bands(Cont'd)		
(b) 4.8 Kbps		
Over 0 to 1 mile	$63.28	-
Over 1 to 3 miles	63.28	$5.04
Over 3 to 5 miles	63.28	5.04
Over 5 to 15 miles	63.28	5.04
Over 15 to 25 miles	63.28	5.04
Over 25 miles	63.28	5.04
(c) 9.6 Kbps		
Over 0 to 1 mile	$63.28	-
Over 1 to 3 miles	63.28	$5.04
Over 3 to 5 miles	63.28	5.04
Over 5 to 15 miles	63.28	5.04
Over 15 to 25 miles	63.28	5.04
Over 25 miles	63.28	5.04
(d) 56 Kbps		
Over 0 to 1 mile	$63.28	-
Over 1 to 3 miles	63.28	$5.04
Over 3 to 5 miles	63.28	5.04
Over 5 to 15 miles	63.28	5.04
Over 15 to 25 miles	63.28	5.04
Over 25 miles	63.28	5.04

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA)(Cont'd)

	Monthly Rate	
	Fixed	Per mile
(3) Channel Mileage Mileage Bands(Cont'd)		
(b) 4.8 Kbps		
Over 0 to 1 mile	$48.68	-
Over 1 to 3 miles	48.68	$3.88
Over 3 to 5 miles	48.68	3.88
Over 5 to 15 miles	48.68	3.88
Over 15 to 25 miles	48.68	3.88
Over 25 miles	48.68	3.88
(c) 9.6 Kbps		
Over 0 to 1 mile	$48.68	-
Over 1 to 3 miles	48.68	$3.88
Over 3 to 5 miles	48.68	3.88
Over 5 to 15 miles	48.68	3.88
Over 15 to 25 miles	48.68	3.88
Over 25 miles	48.68	3.88
(d) 56 Kbps		
Over 0 to 1 mile	$48.68	-
Over 1 to 3 miles	48.68	$3.88
Over 3 to 5 miles	48.68	3.88
Over 5 to 15 miles	48.68	3.88
Over 15 to 25 miles	48.68	3.88
Over 25 miles	48.68	3.88

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA)(Cont'd)

	Monthly Rate	
	Fixed	Per mile
(3) Channel Mileage Mileage Bands(Cont'd)		
(b) 4.8 Kbps		
Over 0 to 1 mile	$44.26	-
Over 1 to 3 miles	44.26	$3.53
Over 3 to 5 miles	44.26	3.53
Over 5 to 15 miles	44.26	3.53
Over 15 to 25 miles	44.26	3.53
Over 25 miles	44.26	3.53
(c) 9.6 Kbps		
Over 0 to 1 mile	$44.26	-
Over 1 to 3 miles	44.26	$3.53
Over 3 to 5 miles	44.26	3.53
Over 5 to 15 miles	44.26	3.53
Over 15 to 25 miles	44.26	3.53
Over 25 miles	44.26	$3.53
(d) 56 Kbps		
Over 0 to 1 mile	$44.26	-
Over 1 to 3 miles	44.26	$3.53
Over 3 to 5 miles	44.26	3.53
Over 5 to 15 miles	44.26	3.53
Over 15 to 25 miles	44.26	3.53
Over 25 miles	44.26	$3.53

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA)(Cont'd)

	Monthly Rate	
	Fixed	Per mile
(3) Channel Mileage Mileage Bands(Cont'd)		
(b) 4.8 Kbps		
Over 0 to 1 mile	$40.24	-
Over 1 to 3 miles	40.24	$3.21
Over 3 to 5 miles	40.24	3.21
Over 5 to 15 miles	40.24	3.21
Over 15 to 25 miles	40.24	3.21
Over 25 miles	40.24	3.21
(c) 9.6 Kbps		
Over 0 to 1 mile	$40.24	-
Over 1 to 3 miles	40.24	$3.21
Over 3 to 5 miles	40.24	3.21
Over 5 to 15 miles	40.24	3.21
Over 15 to 25 miles	40.24	3.21
Over 25 miles	40.24	$3.21
(d) 56 Kbps		
Over 0 to 1 mile	$40.24	-
Over 1 to 3 miles	40.24	$3.21
Over 3 to 5 miles	40.24	3.21
Over 5 to 15 miles	40.24	3.21
Over 15 to 25 miles	40.24	3.21
Over 25 miles	40.24	$3.21

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features

(a) Digital Bridging

	Monthly Rate	Nonrecurring Charge
- Multistation Arrangement When Digital Data Service is arranged for multi-station operation, an additional monthly charge applies to each station connected to the multi-station service		
- Per station	$128.54	$36.23

	Monthly Rate	Nonrecurring Charge	
		Initial	Subsequent
(b) 1 x N Transfer Arrangement			
- This 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.			
- Per Arrangement	ICB	ICB	ICB

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features

(a) Digital Bridging

	Monthly Rate	Nonrecurring Charge
- Multistation Arrangement When Digital Data Service is arranged for multi-station operation, an additional monthly charge applies to each station connected to the multi-station service		
- Per station	$102.83	$36.23

	Monthly Rate	Nonrecurring Charge	
		Initial	Subsequent
(b) 1 x N Transfer Arrangement			
- This 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.			
- Per Arrangement	ICB	ICB	ICB

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features

(a) Digital Bridging

	Monthly Rate	Nonrecurring Charge
- Multistation Arrangement When Digital Data Service is arranged for multi-station operation, an additional monthly charge applies to each station connected to the multi-station service		
- Per station	$82.26	$36.23

	Monthly Rate	Nonrecurring Charge	
		Initial	Subsequent
(b) 1 x N Transfer Arrangement			
- This 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.			
- Per Arrangement	ICB	ICB	ICB

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features

(a) Digital Bridging

	Monthly Rate	Nonrecurring Charge
- Multistation Arrangement When Digital Data Service is arranged for multi-station operation, an additional monthly charge applies to each station connected to the multi-station service		
- Per station	$63.28	$36.23

	Monthly Rate	Nonrecurring Charge	
		Initial	Subsequent
(b) 1 x N Transfer Arrangement			
- This 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.			
- Per Arrangement	ICB	ICB	ICB

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features

(a) Digital Bridging

	Monthly Rate	Nonrecurring Charge
- Multistation Arrangement When Digital Data Service is arranged for multi-station operation, an additional monthly charge applies to each station connected to the multi-station service		
- Per station	$48.68	$36.23

	Monthly Rate	Nonrecurring Charge	
		Initial	Subsequent
(b) 1 x N Transfer Arrangement			
- This 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.			
- Per Arrangement	ICB	ICB	ICB

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features

(a) Digital Bridging

	Monthly Rate	Nonrecurring Charge
- Multistation Arrangement When Digital Data Service is arranged for multi-station operation, an additional monthly charge applies to each station connected to the multi-station service		
- Per station	$44.26	$36.23

	Monthly Rate	Nonrecurring Charge	
		Initial	Subsequent
(b) 1 x N Transfer Arrangement			
- This 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.			
- Per Arrangement	ICB	ICB	ICB

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features

(a) Digital Bridging

	Monthly Rate	Nonrecurring Charge
- Multistation Arrangement When Digital Data Service is arranged for multi-station operation, an additional monthly charge applies to each station connected to the multi-station service		
- Per station	$40.24	$36.23

	Monthly Rate	Nonrecurring Charge	
		Initial	Subsequent
(b) 1 x N Transfer Arrangement			
- This 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.			
- Per Arrangement	ICB	ICB	ICB

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features (Cont'd)

(c) Secondary Channel (Working in parallel with the following primary channels)

- Per Termination

	Monthly Rate	Nonrecurring Charge (1)
2.4 Kbps	$77.11	$400.00
4.8 Kbps	102.86	400.00
9.6 Kbps	128.54	400.00
56 Kbps	154.33	400.00

NOTE:
(1) The nonrecurring charge for a Secondary Channel does not apply if installed at the same time as the associated Digital Data Circuit.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features (Cont'd)

(c) Secondary Channel (Working in parallel with the following primary channels)

- Per Termination

	Monthly Rate	Nonrecurring Charge (1)
2.4 Kbps	$61.69	$400.00
4.8 Kbps	82.29	400.00
9.6 Kbps	102.83	400.00
56 Kbps	123.47	400.00

NOTE:
(1) The nonrecurring charge for a Secondary Channel does not apply if installed at the same time as the associated Digital Data Circuit.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features (Cont'd)

(c) Secondary Channel (Working in parallel with the following primary channels)

- Per Termination

	Monthly Rate	Nonrecurring Charge (1)
2.4 Kbps	$49.35	$400.00
4.8 Kbps	65.83	400.00
9.6 Kbps	82.26	400.00
56 Kbps	98.77	400.00

NOTE:
(1) The nonrecurring charge for a Secondary Channel does not apply if installed at the same time as the associated Digital Data Circuit.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features (Cont'd)

(c) Secondary Channel (Working in parallel with the following primary channels)

- Per Termination

	Monthly Rate	Nonrecurring Charge (1)
2.4 Kbps	$37.96	$400.00
4.8 Kbps	50.64	400.00
9.6 Kbps	63.28	400.00
56 Kbps	75.98	400.00

NOTE:
(1) The nonrecurring charge for a Secondary Channel does not apply if installed at the same time as the associated Digital Data Circuit.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features (Cont'd)

(c) Secondary Channel (Working in parallel with the following primary channels)

- Per Termination

	Monthly Rate	Nonrecurring Charge (1)
2.4 Kbps	$29.20	$400.00
4.8 Kbps	38.96	400.00
9.6 Kbps	48.68	400.00
56 Kbps	58.45	400.00

NOTE:
(1) The nonrecurring charge for a Secondary Channel does not apply if installed at the same time as the associated Digital Data Circuit.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features (Cont'd)

(c) Secondary Channel (Working in parallel with the following primary channels)

- Per Termination

	Monthly Rate	Nonrecurring Charge (1)
2.4 Kbps	$26.55	$400.00
4.8 Kbps	35.42	400.00
9.6 Kbps	44.26	400.00
56 Kbps	53.14	400.00

NOTE:
(1) The nonrecurring charge for a Secondary Channel does not apply if installed at the same time as the associated Digital Data Circuit.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.6 Digital Service (Cont'd)

(A) Digital Data (DA) (Cont'd)

(4) Optional Features (Cont'd)

(c) Secondary Channel (Working in parallel with the following primary channels)

- Per Termination

	Monthly Rate	Nonrecurring Charge (1)
2.4 Kbps	$24.14	$400.00
4.8 Kbps	32.20	400.00
9.6 Kbps	40.24	400.00
56 Kbps	48.31	400.00

NOTE:
(1) The nonrecurring charge for a Secondary Channel does not apply if installed at the same time as the associated Digital Data Circuit.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.7 High Capacity Digital Hand-Off Service [1]

	Monthly Rate	Nonrecurring Charge
(A) High Capacity Digital Hand-Off Service		
1. Dedicated Hand-Off Facility, each	$150.00	$455.00
2. Multiplexed Hand-Off Facility, each	$405.00	$455.00
3. PRI Alternative Digital Arrangement	Rates and charges same as those for **IntelliLinQ**® PRI 24b arrangement specified in P.U.C.-No. 1, Section 21D.	

[1] Effective November 3, 2012, High Capacity Digital Hand-Off Service is grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service are not permitted. High Capacity Digital Hand-Off Service is still available for resale until February 16, 2013, on which date the foregoing terms shall be effective for resale.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.7 High Capacity Digital Hand-Off Service [1]

	Monthly Rate	Nonrecurring Charge
(A) High Capacity Digital Hand-Off Service		
1. Dedicated Hand-Off Facility, each	$130.00	$455.00
2. Multiplexed Hand-Off Facility, each	$350.00	$455.00
3. PRI Alternative Digital Arrangement	Rates and charges same as those for **IntelliLinQ**® PRI 24b arrangement specified in P.U.C.-No. 1, Section 21D.	

[1] Effective November 3, 2012, High Capacity Digital Hand-Off Service is grandfathered and no longer available to new customers. Moves, additions or changes to subscribers' existing service are not permitted. High Capacity Digital Hand-Off Service is still available for resale until February 16, 2013, on which date the foregoing terms shall be effective for resale.

SPECIAL SERVICES

6. Rates and Charges (Cont'd)

6.7 High Capacity Digital Hand-Off Service

	Monthly Rate	Nonrecurring Charge
(A) High Capacity Digital Hand-Off Service		
1. Dedicated Hand-Off Facility, each	$130.00	$455.00
2. Multiplexed Hand-Off Facility, each	$350.00	$455.00
3. PRI Alternative Digital Arrangement	Rates and charges same as those for **IntelliLinQ**® PRI 24b arrangement specified in P.U.C.-No. 1, Section 21D.	

SPECIAL SERVICES

7. Abbreviations and Definitions

7.1 Abbreviations

ac	-	alternating current
AML	-	Actual Measured Loss
AP	-	Program Audio
CO	-	Central Office
Cont'd	-	Continued
CPE	-	Customer Provided Equipment
db	-	decibel
dc	-	direct current
f	-	frequency
F.C.C.	-	Federal Communications Commission
FI	-	Facility Interface
HC	-	High Capacity
Hz	-	Hertz
ICB	-	Individual Case Basis
kbps	-	kilobits per second
kHz	-	kilohertz
LATA	-	Local Access and Transport Area
Ma	-	milliamperes
Mbps	-	Megabits per second
Mcs	-	Microseconds
MHz	-	Megahertz
MTL	-	Maximum Termination Liability
rms	-	root-mean-square
SWC	-	Serving Wire Center
VG	-	Voice Grade
V & H	-	Vertical & Horizontal
1 X N	-	One by number