

AT&T INTERSTATE ACCESS GUIDEBOOK (Guidebook)

PART 7 - Special Access Services - West - CA
SECTION 32 - Optical Carrier Network (OCN) PTP

3rd Revised Page 1

32. Optical Carrier Network (OCN) Point-to-Point Service⁽³⁾

(N)

32.1 General Description

OCN Point-to-Point service will be designed to provide the customer with a custom point to point linear network. The Optical Point-to-Point service will offer a highly reliable transport service that is designed to connect customer locations and SBC wire centers in a linear (point to point) configuration. Large volumes of information can be transported between two locations in a dedicated, high-bandwidth optical path. Specifically, the OCN Point-to-Point services can handle voice, data, video, imaging, Internet traffic and other advanced broadband applications.

Rates and charges for Optical Carrier Network (OCN) Point-to-Point Service are set forth in Section 32.3, with the exception of the services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. The rates and charges for the Optical Carrier Network (OCN) Point-to-Point Service in the MSAs that have received Phase II pricing flexibility are set forth in Section 31.

(A) OCN Point-to-Point channels provide high speed synchronous optical fiber-based full duplex data transmission capabilities between two points. These services provide optical data transmission with the following characteristics:

- (1) OC-3/OC-3c provides channels operating at the terminating bit rate of 155.52 Mbps;
- (2) OC-12/OC-12c provides channels operating at the terminating bit rate of 622.08 Mbps;
- (3) OC-48/OC-48c provides channels operating at the terminating bit rate of 2488.32 Mbps;
- (4) OC-192/OC-192c provides channels operating at the terminating bit rate of 9953.28 Mbps;

(B) OC-3, OC-12, OC-48 and OC-192 channels may be used to connect:

- (1) a customer designated premises to another customer designated premises, without the add/drop multiplexing capability.
- (2) a customer designated premises to a Telephone Company location where add/drop multiplexing and add/drop functions are performed.
- (3) a SONET Ring and Access Services⁽²⁾ node or a Dedicated SONET Ring Service node in a Telephone Company location to a Collocator's physical or virtual collocation⁽¹⁾--this serving arrangement is referred to as (SMOA) SONET Mapped Optical Arrangement or to a Telephone Company location where add/drop multiplexing and add/drop functions are performed, and this serving arrangement is referred to as (SMUX) SMOA with a MUX.
- (4) two Dedicated SONET Facility nodes in the same or different Telephone Company location--this serving arrangement is referred to as (DIN) Dedicated Interconnection Network.

⁽¹⁾This connection is not available for OC-192.

⁽²⁾Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

⁽³⁾ See Part 2, Section 2.1.4(A) for service availability.

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Optical Transmission paths for OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC-192/OC-192c differentiated by bit rate and the quality of transmission is as delineated by the Optical Interface definitions in the appropriate technical reference publication(s) for the service ordered.

(1) See Part 2, Section 2.1.4(A) for Service availability.

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OC-3, OC-12, and OC-48 may be connected by (1) using the appropriate OC-3, OC-12 or OC-48 add/drop multiplexer (mux) along with the add/drop function to a DS1 and/or DS3 at suitably equipped wire centers, or (2), by using the full bandwidth premises to premises.

Where appropriate facilities are not immediately available, negotiated intervals or special construction charges may apply. The customer is responsible via the ordering process to identify what STS signal configuration is to be contained in each OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC-192/OC-192c service connection and each STS-1, STS-3 and/or STS-12 payload content. This information is needed for routing and connection purposes in the network. OCN does not extend the SONET data communication channel overhead across the network interface to the customer's equipment.

Ethernet over SONET (EoS)

EoS allows the efficient transport of Ethernet frames using SONET. Ethernet Optical Add/Drop capability will be available in bandwidths up to 1 Gbps on an OC-N Point-to-Point. As SONET bandwidths will be preset, the customer will be unable to transmit data beyond these preset SONET bandwidths. Only Single-Mode Fiber is available in the Central Office. The EoS line rates are based on the theoretical SONET payload line rates as per GR-253-CORE, Issue 4. These values are not representative of the true Ethernet transport capacity of the EoS circuit.

OC-3, OC-12, OC-48 and OC-192 based on customer requirements can be configured in any of the following ways:

(C) OC-3

- (1) three STS-1 (Synchronous Transport Signals) channels which each contain:
 - (a) one DS3 that is STS-1 mapped; or
 - (b) up to 28 asynchronous DS1s that are VT-mapped; or
 - (c) an STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an add/drop function to DS1 or DS3 services within the network; or
 - (d) 1 Gbps Ethernet STS-1 1-2v;
- (2) a single concatenated STS-3C channel.

(1) See Part 2, Section 2.1.4(A) for Service availability.

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(D) OC-12⁽¹⁾

(N)

- (1) twelve STS-1 channels which each contain:
 - (a) one DS3 that is STS-1 mapped; or
 - (b) up to 28 asynchronous DS1s that are VT-mapped; or
 - (c) an STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an add/drop function to DS1 or DS3 services within the network; or
 - (d) 1 Gbps Ethernet STS-1 1-9v; or
 - (e) 1 Gbps Ethernet STS-3c 1-3v;
- (2) four concatenated STS-3C channels.
- (3) from one to three STS-3Cs channels mixed with from three to nine STS-1 channels subject to utilization of the total OC-12 capacity.
- (4) a single concatenated STS-12C channel.

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

(E) OC-48⁽¹⁾

(N)

(1) forty-eight STS-1 channels which each contain:

- (a) one DS3 that is STS-1 mapped; or
- (b) up to 28 asynchronous DS1s that are VT-mapped; or
- (c) an STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an add/drop function to DS1 or DS3 services within the network; or
- (d) 1 Gbps Ethernet STS-1 1-21v; or
- (e) 1 Gbps Ethernet STS-3c 1-7v;

(2) sixteen concatenated STS-3C channels.

(3) from one to fifteen concatenated STS-3C channels, mixed with from three to forty-five STS-1 channels subject to utilization of the total OC-48 capacity.

(4) four concatenated STS-12Cs channels.

(5) from one to three concatenated STS-12C channels, mixed with from twelve to thirty-six STS-1 channels subject to utilization of the total OC-48 capacity.

(6) from one to three concatenated STS-12C channels, mixed with from four to twelve concatenated STS-3C channels, also mixed with from three to thirty-three STS-1 channels subject to utilization of the total OC-48 capacity.

(7) from one to three concatenated STS-12C channels, mixed with from one to eleven concatenated STS-3C channels, also mixed with from three to thirty-three STS-1 channels, subject to utilization of the total OC-48 capacity.

(1) See Part 2, Section 2.1.4(A) for Service availability.

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(F) OC-192⁽¹⁾

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- (1) One hundred ninety two interleaved STS-1 Channels which each contain:
 - (a) one DS3 that is STS-1 mapped; or
 - (b) up to 28 asynchronous DS1s that are VT-mapped; or
 - (c) an STS-1 channel without constraint to payload mapping when the STS-1 channel does not terminate via an Add/Drop Function to DS1 or DS3 services within the network; or
 - (d) 1 Gbps Ethernet STS-1 1-21v; or
 - (e) 1 Gbps Ethernet STS-3c 1-7v;
- (2) Sixty four interleaved concatenated STS-3 channels.
- (3) From one to sixty three interleaved concatenated STS-3c channels, mixed with from three to one hundred eighty nine STS-1 channels, subject to utilization of the total STS-192 capacity.
- (4) Sixteen interleaved concatenated STS-12c channels.
- (5) From one to fifteen interleaved concatenated STS-12c channels mixed with from twelve to one hundred eighty nine STS-1 channels, subject to utilization of the total STS-192 capacity.
- (6) From one to fifteen interleaved concatenated STS-12c channels, mixed with from four to sixty concatenated STS-3c channels subject to utilization of the total STS-192 capacity.
- (7) From one to fifteen interleaved concatenated STS-12c channels, mixed from one to fifty nine concatenated STS-3c channels, also mixed with from three to one hundred seventy seven STS-1 channels, subject to utilization of the total STS-192 capacity.
- (8) Four interleaved concatenated STS-48c channels.

(1) See Part 2, Section 2.1.4(A) for Service availability.

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- (9) From one to three interleaved concatenated STS-48c channels, mixed with from forty eight to one hundred forty four STS-1 Channels, subject to utilization of the total STS-192 capacity.
- (10) From one to three interleaved concatenated STS-48c channels, mixed with from sixteen to forty eight STS-3c channels, subject to utilization of the total STS-192 capacity.
- (11) From one to three interleaved concatenated STS-48c channels, mixed with from four to twelve STS-12c channels, subject to utilization of the total STS-192 capacity.
- (12) From one to three interleaved concatenated STS-48c channels, mixed with from one to forty seven concatenated STS-3c channels, also mixed with from three to one hundred forty one STS-1 channels, subject to utilization of the total STS-192 capacity.
- (13) From one to three interleaved concatenated STS-48c channels, mixed with from one to eleven concatenated STS-12c channels, also mixed with from twelve to one hundred thirty two STS-1 channels, subject to utilization of the total STS-192 capacity.
- (14) From one to three interleaved concatenated STS-48c channels, mixed with from one to eleven concatenated STS-12c channels, also mixed with from four to forty four concatenated STS-3c channels, subject to utilization of the total STS-192 capacity.
- (15) From one to three interleaved concatenated STS-48c channels, mixed with from one to eleven concatenated STS-12c channels, also mixed with from three to one hundred twenty nine STS-1 channels, subject to utilization for the total STS-192 capacity.
- (16) A single concatenated STS-192c Channel.

(1) See Part 2, Section 2.1.4(A) for Service availability.

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32.2 Rate Conditions⁽²⁾

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For Pricing Plans beginning prior to November 25, 2019:

This section contains the specific conditions governing the rates and charges which may apply to OCN Point-to-Point Service⁽¹⁾. The rates and charges in effect at the time the OCN Point-to-Point Service is installed and accepted by the customer are the rates and charges which will be billed to the customer requesting the service. The rates and charges in effect at the time may not be the same as those rates and charges in effect at the time the customer requests the service.

If the Telephone Company initiates rate changes resulting in a decrease of rates for an existing OC-3, OC-12 or OC-48 service with a 1, 3, or 5 year⁽¹⁾ billing period, or for an existing OC-192 service with a 3 or 5 year⁽¹⁾ billing period, those rate changes will be passed along to the customer. Rate changes resulting in an increase of rates for an existing OC-3, OC-12 or OC-48 service with a 1, 3, or 5 year⁽¹⁾ billing period, or for an existing OC-192 service with a 3 or 5 year⁽¹⁾ billing period will not exceed the original rate for that selected billing period. Rate changes may occur as a result of F.C.C. action.

For Pricing Plans beginning on or after November 25, 2019:

New Pricing Plan customers will be required to pay the lower of (1) the guidebook Pricing Plan rate at the time of billing; or (2) 120% of the initial rate in the first year of the contract; 144% in the second year of the contract, and 173% in the third year of the contract.

The four basic rate categories for OCN Point-to-Point Service⁽¹⁾ are Local Distribution Channel, Interoffice Transport, Collocation Transport and Optional Features and Functions.

(A) Local Distribution Channel (LDC)

The Local Distribution Channel (LDC) (same as Channel Termination (CT)) rate category provides for the communications path between a customer designated premise and the serving wire center of that premise. LDCs are only offered without SBC provided and maintained terminal ADM equipment at the customers designated premises and will hand-off basic 2-fiber or 4-fiber optic cables, depending upon the feature (as ordered). One LDC is applied per customer designated premises at which the channel is terminated even if collocation exists.

OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC-192/OC-192c LDCs provide point-to-point optical interconnection between the Telephone Company Serving Wire Center (SWC) and the customer premises.

⁽¹⁾ Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments.

⁽²⁾ See Part 2, Section 2.1.4(A) for Service availability.

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(A) Local Distribution Channel (LDC) (Cont'd)⁽¹⁾

(N)

The customer is required to provide an ADM that is compatible with the Telephone Company central office ADM as is described in Technical Publication GR-253-CORE.

All LDCs comprising a channel must have the same terminating bit rate unless multiplexing is performed at a Telephone Company Hub location.

(B) Interoffice Transport

Interoffice Transport facilities comprised of Fixed and Per Mile rate elements, provide the transmission paths between Serving Wire Centers associated with two customer designated premises or between a Serving Wire Center associated with a customer premises and a Telephone Company Hub location. Four interoffice transport types are available.

OC-3/OC-3c LDCs are interconnected to OC-3/OC-3c transport. OC-12/OC-12c LDCs are interconnected to OC-12/OC-12c transport. OC-48/OC-48c LDCs are interconnected to OC-48/OC-48c transport. OC-192/OC-192c LDCs are interconnected to OC-192/OC-192c transport.

In addition, interoffice transport can be connected between wire centers with Add/Drop multiplexing at a lower OC-N speed than the LDCs, if the transport is between a lower speed Add/Drop Function and:

- another lower speed Add/Drop Function;
- another lower speed Local Distribution Channel;
- a lower speed Dedicated Ring Port;

All of the above terminations must be the same speed as the transport.

(C) Collocation Transport

Collocation Transport provides for the transmission facilities arrangement between a Telephone Company central office frame and a collocation frame located in the Telephone Company Central Office. There are two components of Collocation Transport.

(1) Inter/Intra Office Fixed

Inter/Intra office fixed rate element provides for the electronic equipment required to terminate a channel between two collocation arrangements located either in the same central office (intra) or in two separate central offices (inter).

(2) Inter Office Per Mile

The Per Mile charge provides for the electronic equipment and facilities necessary to provide the interoffice transport between two collocation arrangements.

(1) See Part 2, Section 2.1.4(A) for Service availability.

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(N)

The following types of collocation transport are:

OC-3/OC-3c
OC-12/OC-12c
OC-48/OC-48c
OC-192/OC-192c

In addition to the collocation transport charge, one EISCC charge, of the same speed, from Section 16.7.4 of Tariff F.C.C. No. 1, will apply per collocation arrangement.

(D) Optional Features and Functions

The following optional features and functions are available:

Central Office Features which consist of:

- Add/drop Multiplexing (ADM)
- Add/drop function (ADM function)

OC-N Network Survivability which consist of:

- 1+1 Protection
- 1+1 Protection with Cable Survivability
- 1+1 Protection with Route Survivability

Regenerators which consist of:

- OC-48
- OC-192

Major Optional Features and Functions which consist of:

- Connection Arrangements
 - Shared Network Arrangement

(1) Add/Drop Multiplexing

Add/Drop multiplexing is an arrangement in a Telephone Company central office that allows non-concatenated OC-3, OC-12, OC-48 or OC-192 channels operating at a terminating speed of 155.52 Mbps, 622.08 Mbps, 2488.32 Mbps or 9953.28 Mbps, respectively, to add/drop a lower speed channel by using this feature along with the add/drop function as stated in Section 32.2(D)(2). The mix of multiplexing signals cannot exceed the maximum bandwidth of the higher speed OCN circuit terminating on the Central Office multiplexer.

(1) See Part 2, Section 2.1.4(A) for Service availability.

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(N)

For example, OC-3 add/drop multiplexing at a Telephone Company wire center will provide the capability to support the full add/drop function capacity of OC-3 Service bandwidth with up to 3 DS3 add/drop functions or equivalently up to 3 groups of 28 DS1 add/drop functions.

At the time of ordering any of the following basic rate categories, the customer must provide configuration information for the entire multiplexing option at the time the order for service is placed. In addition, concatenated services OC-3, OC-12 or OC-48 cannot be ordered under the central office feature section as the Telephone Company cannot convert individual STS-1 signals to concatenated (non-channelized) channels.

OC-12 add/drop multiplexing at a Telephone Company wire center will provide the capability to support the full add/drop function capacity of OC-12 service bandwidth with up to 4 OC-3 add/drop functions or up to twelve DS3 add/drop functions or equivalent combinations of OC-3 and DS3 add/drop functions.

If asynchronous DS1 ports are required on a OC-12 OCN circuit, then the OC-3 add/drop multiplexing feature and associated DS1 add/drop function must be ordered in addition to the OC-12 add/drop multiplexing feature.

OC-48 add/drop multiplexing at a Telephone Company wire center will provide the capability to support the full add/drop function capacity of OC-48 service bandwidth with up to 4 OC-12 add/drop functions or up to forty-eight DS3 add/drop functions or equivalent combination of OC-3 and DS3 add/drop functions. If DS1's are required for the OC-12 then the preceding guidelines established can be followed.

OC-192 add/drop multiplexing at a Telephone Company wire center will provide the capability to support full add/drop function capacity of OC-192 service bandwidth. Up to four OC-48 add/drop functions, or up to 16 OC-12 add/drop functions, or up to 64 OC-3 add/drop functions or equivalent combinations of OC-48, OC-12 and OC-3 add/drop functions are supported.

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

(2) Add/Drop Function⁽¹⁾

(N)

The OC-3, OC-12, OC-48 and OC-192 are able to add or drop lower level signals as shown in the matrix following. The add/drop function is offered at a circuit level. For example, if a customer wants to drop one DS3 signal from an OC-12 service, they would pay one add/drop function charge for the DS3 and the initial OC-12 add/drop multiplexing charge.

An OC-3, OC-12, OC-48 and OC-192 is only able to add or drop the services that have been identified by payload content (mapping) within the bandwidth. DS1 mapped STS-1 signals are only able to connect to a DS1, and a DS3 mapped STS-1 signals are only able to connect to a DS3. If a change is required it may be accomplished by the customer's CPE or through the current asynchronous environment for multiplexing of DS3 and DS1 services stated in Section 7.2 of Tariff F.C.C. No. 1.

Once the options in (1) and (2) above are specified by the customer they cannot be used with OC-3, OC-12 or OC-48 configured by the customer to contain a single non-channelized (concatenated) STS-3C or STS-12C signal, respectively.

Ethernet over SONET (EoS) is supported by an Add/Drop function. The quantities allowed will depend upon the VT or STS bandwidth assigned over the port.

ADD/DROP Function

	DS1	DS3	OC-3	OC-12	OC-48	1000 Base LX
OC-192	No	No	Yes	Yes	Yes	Yes
OC-48	No	Yes	Yes	Yes	N/A	Yes
OC-12	No	Yes	Yes	N/A	N/A	Yes
OC-3	Yes	Yes	N/A	N/A	N/A	Yes

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

(3) OCN Point-to-Point Network Survivability⁽²⁾

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There are 4 components of OCN Network Survivability:

- (a) 1+1 Protection
- (b) 1+1 Protection with Cable Survivability
- (c) 1+1 Protection with Route Survivability
- (d) 1+1 Protection with Diversity

(a) 1+1 Protection

This option provides two identical fiber pairs that are placed in the same cable and follows the same route. If the working pair fails, traffic shifts to the protect fiber pair. This option does not protect against a fiber cable cut.

The protected OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC-192/OC-192c Services are offered with four fibers in the same cable and the protection card is activated when this option is ordered. This will allow customers to order protection if their CPE can accommodate it.

(b) 1+1 Protection with Cable Survivability⁽¹⁾

With this option, the working fiber pairs and the protect fiber pairs are located in two separate cables within the same conduit. If the working fiber pair cable experiences damages or a fiber cut, traffic will switch to the protect fiber pair in a separate cable. These cables are located in the same conduit, if the conduit is cut, there is no protection.

This option will provide 1+1 protection and additional loop survivability with the working fiber pair and protect fiber pair placed in separate cables within the same conduit.

(c) 1+1 Protection with Route Survivability⁽¹⁾

This option will provide 1+1 protection and offer additional protection from fiber cable cuts by routing the working fiber pair via the primary route and the protected fiber pair via a physically diverse alternate route.

(1) Not available for OCN service originating and terminating within a Telephone Company location.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

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The protected fiber will be charged on a distance sensitive basis, in addition to the protection optical charge and will be based on quarter route miles, from the customer premises to the serving wire center.

This is the only option that will assure 100 percent availability of the service. Any service interruption will result in a credit equal to one month's bill for the circuit involved. If the interruption occurs on a Local Distribution Channel without this option, normal terms and conditions for out of service credits as stated in Part 2, Section 2 of this Guidebook, will apply. An interruption period will start when an inoperative service is reported to the Telephone Company and end when the service is operative. In any month, as a result of an interruption, the total credit per rate element of the interrupted service may not exceed 100 percent of the monthly charge for that particular rate element.

All other terms and conditions for Credit Allowances as stated in Part 2, Section 2 of this Guidebook, will apply.

Prior to confirming an order for service, the Telephone Company will provide a proposed route diagram to the customer. The diagram will include the number of quarter route miles and method used to support the number needed to provide the alternate route. In order to avoid compromising Route Survivability information, the Telephone Company will provide this information only to the ordering customer.

Installation of the 1+1 protection with Route Survivability option will not begin until the customer has accepted the proposed routing by the Telephone Company.

(1) OCN Point-to-Point Network Survivability is available on OC3/OC3c, OC-12/OC-12c and OC-48/OC-48c Services only.

(2) See Part 2, Section 2.1.4(A) for Service availability.

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(N)

(d) Diversity

This option will provide end-to-end diversity from A-Z for the second like service. It requires a charge for mileage on a "per Quarter Route Mile" basis, for each customer premises or Local Distribution Channel (LDC), only when both circuits terminate at the same customer premises. The standard OCN PTP service is provided without protection, but it is still an option with Diversity. 1+1 Protection is defined above and rates will apply as stated in Diversity Sections, 32.3(A)(4)(g)-(OC-3), 32.3(B)(4)(g)-(OC-12), 32.3(C)(4)(h)-(OC-48), and 32.3(D)(4)(g)-(OC-192). For the inter-office portion, the Diversity rate will cover any additional air-line mileage between serving wire centers.

This is the only option that will assure 100% availability from end-to-end of the service. Any service interruption of both services at the same time will result in a credit of one month's bill for the second circuit. If the interruption occurs on a section of the service where commonality has been identified to the customer, normal terms and conditions for out of service credits, as stated in Part 2, Section 2 of this Guidebook, will apply. An interruption period will start when an inoperative service is reported to the Telephone Company, and end when the service is operative. In any month, as a result of an interruption, the total credit per rate element of the interrupted service may not exceed 100 percent of the monthly charge for that particular rate element.

All other terms and conditions for Credit Allowances, as stated in Part 2, Section 2 of this Guidebook, will apply.

Prior to confirming an order for service, the Telephone Company will provide a proposed route diagram to the customer. The diagram will include the number of quarter route miles and method used to support the number needed to provide the alternate route. In order to avoid compromising Route Survivability information, the Telephone Company will provide this information only to the ordering customer.

Installation of the Diversity option will not begin until the customer has accepted the proposed routing by the Telephone Company.

⁽¹⁾ OCN Point-to-Point Network Survivability is available on OC-3/OC-3c, OC-12/OC-12c and OC-48/OC-48c Services only.

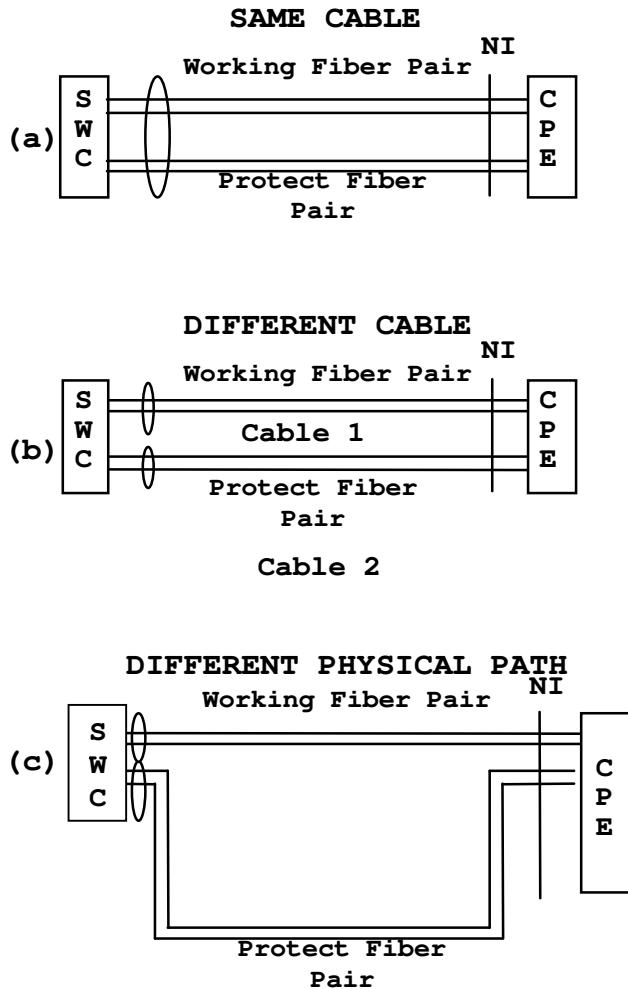
⁽²⁾ See Part 2, Section 2.1.4(A) for Service availability.

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The following diagrams provide an example of (a), (b), (c) and (d) above:



(1) OCN Point-to-Point Network Survivability is available on OC-3/OC-3c, OC-12/OC-12c and OC-48/OC-48c Services only. (T)
(N)

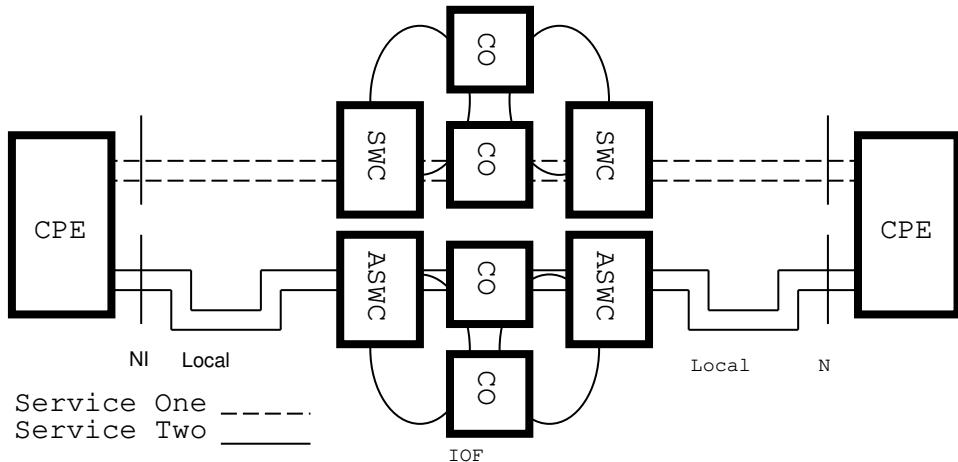
(2) See Part 2, Section 2.1.4(A) for Service availability.

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Diagram (d) :

OC-N PTP Survivability with Diversity (Two Circuits Diverse E-E, same locations)



(1) See Part 2, Section 2.1.4(A) for Service availability.

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(4) Point-to-Point OC-48 and OC-192 Regenerator

Regenerators provide essential detection and retransmission of SONET Optical 2488.32 Mbps and 9953.28 Mbps signals between customer premises. Regenerators will only be provided as required by the Telephone Company when actual fiber facility distances between customer designated premises and/or central office locations exceed design limits (typically 25 to 30 miles). Regenerators will be located exclusively in Telephone Company central offices.

(5) Connection Arrangement**(a) Shared Network Arrangement⁽¹⁾**

- A Shared Network Arrangement is a service offering that enables a customer ("Service User") to connect subtending services to the multiplexed OC-3, OC-12 or OC-48 service of another customer (the "Host Subscriber"), with the Telephone Company maintaining separate billing for each. Each customer will be billed for those rate elements associated with their own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User obtains either subtending DS3 or DS1 from a Host's multiplexed OC-3 service or an OC-3 service from a Host's multiplexed OC-12 service or an OC-12 service from a Hosts' multiplexed OC-48 service.
- Under the Shared Network Arrangement, the Telephone Company may share record information with the Host subscriber pertaining to the services of other users of the shared network. Such disclosure will be under the sole discretion of the Telephone Company and is necessary to perform billing reconciliation and/or other functions required in connection with maintaining account records.
- A nonrecurring charge, only, will apply to the Shared Network Arrangement.

(6) Network Channel Interfaces

The network channel interfaces define the bit rates that are available for OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c and OC-192/OC-192c services operating at speeds of 155.52 Mbps, 622.08 Mbps, 2488.32 Mbps and 9953.28 Mbps. Network Channel interfaces and codes are described in Part 2, Section 7 of this Guidebook.

(1) Effective 05/26/06, this condition is limited to existing customers. For new customers purchasing Shared Network Arrangement, terms and conditions set forth in Part 2, Section 5 of this Guidebook, will apply.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽³⁾

(N)

(E) Monthly Extension Rates⁽¹⁾

At the expiration of the TPP term and if the customer wishes to continue OC-3/OC-3c, OC-12/OC-12c, OC-48/OC-48c or OC-192/OC-192c, the customer may select a new TPP⁽²⁾ at the prevailing TPP rate.

If a customer does not wish to renew the TPP at the expiration of the term, the Monthly Extension Rates will apply until the customer cancels or renews the service with a new TPP term. Monthly Extension Rates are not available as an individual TPP and are to be used as a default applied at the end of a regular 1 year (12 month), 3 year (36 month) and 5 year (60 month)⁽²⁾ TPP.

(F) Nonrecurring Charges*

One-time charges that apply for a specific work activity, e.g., installation, rearrangements, moves, etc., as described in Part 2, Section 7 of this Guidebook.

(G) Minimum Periods

The Minimum Period for OC-3, OC-12 and OC-48 OCN Point-to-Point Service is one year and the minimum period for OC-192 OCN Point-to-Point Service is three years. In the event OCN Point-to-Point Service is terminated prior to completion of the minimum period, termination liabilities as described in Section 32.2(I) will apply.

* For Services ordered under MVP, refer to Section 22.3(E) (5) of Tariff F.C.C. No. 1.

⁽¹⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after January 22, 2016.

⁽²⁾ Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments.

⁽³⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽⁴⁾

(N)

(H) Term Pricing Plans (TPP)⁽¹⁾⁽²⁾⁽³⁾**(1) General Description**

Term Pricing Plans (TPP) are available on Local Distribution Channel, Interoffice Transport, Collocation Transport and Add/Drop Multiplexing rate elements. The TPP stabilizes rates for OCN Point-to-Point Service for the specified period of time. The following TPPs are available:

- One Year (12 Month) TPP - OC-3, OC-12 and OC-48,
- Three Year (36 Month) TPP - OC-3, OC-12, OC-48 and OC-192, or
- Five Year (60 Month)⁽²⁾ TPP - OC-3, OC-12, OC-48 and OC-192.

(2) Modifications

When additional like-speed OCN Point-to-Point Service circuits are purchased, the customer may include the additional circuits in an existing TPP if:

- The customer renegotiates their TPP for a period of time equal to or greater than the time remaining on the existing TPP;
- The circuits are the same speed; and
- The circuits are located between the same customer designated premises.

(3) Renewals

At the end of a TPP period, the customer must select one of the following options within one month prior to the expiration date:

- a. Renew the service for a one, three or five year⁽²⁾ TPP as provided in this Guidebook;
- b. Elect to disconnect the service upon expiration of the billing period; or
- c. Continue the service on a monthly basis at the current monthly extension rates.

All services under an existing TPP that are not renewed within the period stated above will revert to Option (3)c above and be billed at the current monthly extension rates.

⁽¹⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after January 22, 2016.

⁽²⁾ Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments.

⁽³⁾ For Pricing Plans effective on or after November 25, 2019, see terms on page 8, sect 32.2.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽²⁾

(N)

(4) Conversions

If there is at least one month remaining on an existing 1 or 3 year OCN Point-to-Point TPP, the customer may convert the service to a higher term OCN Point-to-Point TPP⁽¹⁾ without termination liability and, at the time of the access order to convert, retain the service for the period remaining on the higher term OCN Point-to-Point TPP. No retroactive OCN Point-to-Point TPP discounts will apply prior to the order date.

For example; a customer with an existing 3 Year OCN Point-to-Point TPP with 11 months remaining elects to convert to a 5 Year⁽¹⁾ OCN Point-to-Point TPP. At the time of the order, the customer will begin paying the 5 year⁽¹⁾ TPP rate for the remaining period of 2 years and 11 months (35 months) on the new TPP.

(5) Transitioning from Other Special Access Services to OCN Point-to-Point

The customer may, at any time, move other existing Telephone Company Special Access Services to an OCN Point-to-Point service provided the following conditions are met for the new OCN Point-to-Point circuit being ordered.

⁽¹⁾ Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments.

⁽²⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽¹⁾

(N)

(5) Transitioning from Other Special Access Services to OCN Point-to-Point (Cont'd)

The new OCN Point-to-Point circuit must:

- (a) Be the same speed and configuration as the existing service being disconnected.
- (b) Be located between the same two customer designated premises or between the same customer designated premises and the Serving Wire Center.
- (c) Have a minimum billing period that is greater or equal to the remaining billing period revenue for the existing service.
- (d) Represent equal or greater of the total minimum billing period revenue as the remaining billing period revenue of the existing service.

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽³⁾

(N)

(I) Termination Liability⁽¹⁾

Customer requesting termination of service prior to the expiration date of the OCN Point-to-Point TPP will be liable for a termination charge. The termination charge for all TPP terms with an Optical Interface, will be calculated as follows:

Billing PeriodTermination Percentage

1, 3, or 5 years ⁽²⁾	50%
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The termination liability is calculated as follows:

(Monthly recurring X Months remaining X (Termination rate)	in billing)	percentage)
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Example:

An OCN Point-to-Point customer with a \$20,000 monthly rate terminates service after 2 years with 1 year (12 months) remaining in a 3 year TPP. The termination liability would be calculated as:

$\$20,000 \times 12 \times .50 = \$120,000$ Termination Liability

A termination charge will not apply under the following conditions and circumstances:

1. Moves as set forth under "Moves" without decreasing number of OCN PTP circuits
2. Modifications of services as described in the Guidebook
3. Conversions to other special access service if
 - a. service is same or higher
 - b. billing period same or greater
 - c. billing period revenue for the special access service is greater than or equal to the OCN PTP billing period revenue.

(J) Moves

Moves involve a change in the physical location of one of the following:

- Service rearrangement;
- Point of Termination within the same customer premises; or
- Customer's premises.

Move charges are dependent upon the type of move requested by the customer.

(1) Service Rearrangement

Service Rearrangements are changes to existing (installed) services which do not result in either (1) a change in the minimum period requirements or (2) a change in the physical location of the point of termination at a customer designated premises as described in Part 2, Section 7 of this Guidebook.

⁽¹⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after January 22, 2016.

⁽²⁾ Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments.

⁽³⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽¹⁾

(N)

(2) Moves of the Point of Termination Within the Same Customer Premises

When the move of the Point of Termination is to a new location within the same customer premises, the move will be treated as an extension of access service facilities as described in Part 2, Section 7 of this Guidebook.

(3) Moves of a Customer Premises

Moves to a different customer premises will be treated as a discontinuance and start of service as described in Part 2, Section 7 of this Guidebook.

(K) Mileage Measurement

The application of distance sensitive rates requires the determination of the airline distance between a serving wire Center (SWC) and an end office or two or more serving wire center (SWC) locations as described in Part 2, Section 7 of this Guidebook.

(L) Modification of Access Service

The customer may request a modification of an access order at any time prior to notification by the Telephone Company that service is available for the customer's use. The Telephone Company will make every effort to accommodate a requested modification when it is able to do so with the normal work force assigned to complete such an order within normal business hours. If the modification cannot be made with the normal work force during normal business hours, the Telephone Company will notify the customer. If the customer still desires the access order modification, the Telephone Company will schedule a new service date. All charges for access order modifications will apply on a per order, per occurrence basis as described in Part 2, Section 5 of this Guidebook.

(M) Shared Use

Shared use occurs when Special Access Service and Switched Access Service are provided over the same Wideband Analog or DS1 or DS3 facilities or SONET based services through a common interface. The facility will be ordered, provided and rated as Special Access Service (e.g., Local Distribution Channel, DS3 Service Packages, DS3 Service Channels, Channel Mileage Terminations and Channel Mileage, as appropriate, and Multiplexing).

The nonrecurring charge that applies when the Shared Use Facility is installed will be the nonrecurring charge associated with the installation of the appropriate Special Access Wideband Analog or DS1 or DS3 facility or SONET based service.

Individual service (i.e., Switched or Special Access) nonrecurring charges will not apply to the individual channels of the Shared Use Facility. Rating as Special Access will continue until such time as the customer chooses to use a portion of the available capacity for providing Switched Access Transport Service from the office where multiplexing occurs to either an end office or an access tandem.

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽¹⁾

(N)

(N) Jointly Provided Service

Jointly Provided Service is also referred to as "meet-point-billing" arrangements. The service consists of one end of an OCN Point-to-Point circuit located in one exchange telephone company operating territory and the other end of service located in another exchange telephone company operating territory. When Access Service, is jointly provided, the exchange telephone companies involved will agree upon a billing, design and ordering arrangement which is consistent with the provisions contained in the Ordering and Billing Standards section. Prior to implementation of, or changes to any billing arrangements, the exchange telephone companies involved will give the affected customers 30 days notice.

The type of billing arrangement utilized for jointly provided access service is dependent upon the type of access service provided. Meet Point Billing allows each involved exchange telephone company to provide service and bill for the portion of the access service that is rendered under its own tariff.

At the time an order is placed, the customer will be notified of the arrangement which will apply and any pertinent information pertaining thereto. For example, the customer will be notified as to the entity responsible for receipt of payment, answers to billing inquiries, adjustments to bills, etc.

(O) Ordering Options and Conditions

The ordering options and conditions sets forth the order related charges for ordering Access Service as described in Part 2, Section 5 of this Guidebook.

(P) Upgrade to OCN Point-to-Point from lower speeds

Customers with one, three or five year OCN Point-to-Point TPPs (or existing Broadband Circuit Service Term Pricing Plans as shown in Section 20 of Tariff F.C.C. No. 1), may at any time upgrade to OCN Point-to-Point service (e.g., OC-12 to OC-48) without incurring the Termination Liability charge, providing the following criteria are met:

- The customer subscribes to a Term Pricing Plan period that is equal to, or greater than 12 months;
- The expiration date for the new Term Pricing Plan period is beyond the end of the original Term Pricing Plan period;
- No lapse in service occurs;
- 100% of any waived or unamortized nonrecurring charges will apply, when applicable;
- The monthly rates for the new service(s) will be those rates in effect at the time the new service(s) is/are installed;
- The new service is provided between the same customer locations and with the same customer of record as the disconnected service; and
- The billed monthly recurring revenue for the new service is equal to or greater than the billed monthly recurring revenue remaining in the service being converted.

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽⁴⁾

(N)

(A) OC-3/OC-3c(1) Local Distribution Channel-Per Point of
Termination

	<u>USOC</u>	<u>1 Year⁽¹⁾⁽³⁾</u>	<u>3 year⁽¹⁾⁽³⁾</u>	<u>5 year⁽¹⁾⁽²⁾</u>	<u>Mo. Ext.</u>
TMECS	\$23,767.23 (I)	\$19,240.14 (I)	\$1,300.00	\$45,971.55 (I)	

(2) Interoffice Transport

-Mileage	<u>USOC</u>	<u>1 Year⁽¹⁾⁽³⁾</u>	<u>3 year⁽¹⁾⁽³⁾</u>	<u>5 year⁽¹⁾⁽²⁾</u>	<u>Mo. Ext.</u>
-Fixed	1L5XX	\$12,449.51 (I)	\$11,034.81 (I)	\$886.00	\$40,406.52 (I)
-Per Mile	1L5XX	\$2,942.60 (I)	\$2,942.60 (I)	\$220.00	\$7,071.15 (I)

(3) Collocation Transport-Transport Facilities between Collocation
Arrangements

	<u>USOC</u>	<u>1 Year⁽¹⁾⁽³⁾</u>	<u>3 year⁽¹⁾⁽³⁾</u>	<u>5 year⁽¹⁾⁽²⁾</u>	<u>Mo. Ext.</u>
-Fixed	1H48S	\$2,070.00	\$1,840.00	\$1,400.00	\$2,640.00
-Per Mile	1H48S	\$299.00	\$299.00	\$220.00	\$462.00

(4) Optional Features and Functions

(a) OC-3 Add/Drop Multiplexing-Per Arrangement*

	<u>USOC</u>	<u>1 Year⁽¹⁾⁽³⁾</u>	<u>3 year⁽¹⁾⁽³⁾</u>	<u>5 year⁽¹⁾⁽²⁾</u>	<u>Mo. Ext.</u>
MPECX	\$16,976.60 (I)	\$13,581.27 (I)	\$950.00	\$30,304.94 (I)	

(b) Add/Drop Function-Per DS-3

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
MXJBX	\$2,755.02 (I)		\$0

* Concatenated services cannot be multiplexed.

⁽¹⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after January 22, 2016.

⁽²⁾ Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments.

⁽³⁾ For Pricing Plans effective on or after November 25, 2019, see terms on page 8, sect 32.2.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽²⁾

(N)

			<u>Nonrecurring</u>
	<u>USOC</u>	<u>Monthly</u>	<u>Charge</u>
(4) <u>Optional</u> <u>Features and</u> <u>Functions</u> (Cont'd)			
(b) <u>Add/Drop</u> <u>Function</u> (Cont'd)			
-Per DS1	MXJAX	\$1,010.19 (I)	\$0
-Per 1000 Base LX	MX4LX	\$500.00	\$0
(c) <u>1+1 Protection</u> -Per OC-3/OC-3c Customer Premises	P8T	\$180.00	\$0
(d) <u>1+1 Protection</u> <u>with Cable</u> <u>Survivability⁽¹⁾</u> -Per OC-3/OC-3c Customer Premises	P3S	\$180.00	\$500.00
(e) <u>1+1 Protection</u> <u>with Route</u> <u>Survivability⁽¹⁾</u> -Per OC-3/OC-3c Customer Premises	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)	
-Per Quarter Route Mile	S2DXY	\$50.00	\$0

(1) Not available for OCN service originating and terminating within a Telephone Company location.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽²⁾

(N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Features and Functions</u> (Cont'd)			
(f) <u>Shared Network Arrangement</u> -Processing Charge per Service Order	NRBOP	\$0	\$30.00
(g) Diversity ⁽¹⁾ -Per Quarter Route Mile -Per OC-3/OC-3c	S2DXY CPAPA	\$50.00 \$200.00	\$0 \$0

(5) Moves (OC-3/OC-3c)(a) Service Rearrangement

See Part 2, Section 7 of this Guidebook, for rates and charges.

(b) Moves of Point of Termination

See Part 2, Section 13 of this Guidebook, for rates and charges.

(c) Moving Customer Premises

See Part 2, Section 7 of this Guidebook, for rates and charges.

⁽¹⁾ The Per Quarter Route Mile is required for one or both ends of the second service when both services terminate at the same customer premises.

⁽²⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽⁴⁾

(N)

(B) OC-12/OC-12c**(1) Local Distribution Channel**-Per Point of
Termination

	<u>USOC</u>	<u>1 Year</u> ^{(1) (3)}	<u>3 year</u> ^{(1) (3)}	<u>5 year</u> ⁽¹⁾	<u>Mo. Ext.</u>
TMECS	\$51,608.82 (I)	\$45,270.90 (I)	\$3,000.00	\$106,607.15 (I)	

(2) Interoffice Transport

-Mileage	<u>USOC</u>	<u>1 Year</u> ^{(1) (3)}	<u>3 year</u> ^{(1) (3)}	<u>5 year</u> ^{(1) (2)}	<u>Mo. Ext.</u>
-Fixed	1L5XX	\$38,706.65 (I)	\$33,104.37 (I)	\$2,250.00	\$82,833.30 (I)
-Per Mile	1L5XX	\$2,795.49 (I)	\$2,942.60 (I)	\$220.00	\$7,071.15 (I)

**(3) Collocation Transport—Transport Facilities between Collocation
Arrangements**

(3)	<u>USOC</u>	<u>1 Year</u> ^{(1) (3)}	<u>3 year</u> ^{(1) (3)}	<u>5 year</u> ^{(1) (2)}	<u>Mo. Ext.</u>
-Fixed	1H48S	\$5,980.00	\$5,175.00	\$4,000.00	\$7,392.00
-Per Mile	1H48S	\$299.00	\$483.00	\$400.00	\$792.00

(4) Optional Features and Functions**(a) OC-12 Add/Drop Multiplexing—Per Arrangement***

	<u>USOC</u>	<u>1 Year</u> ^{(1) (3)}	<u>3 year</u> ^{(1) (3)}	<u>5 year</u> ^{(1) (2)}	<u>Mo. Ext.</u>
MPEDX	\$36,216.72 (I)	\$31,689.63 (I)	\$2,100.00	\$65,660.61 (I)	

(b) Add/Drop Function—Per OC-3

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
MXJCX	\$4,591.70 (I)		\$0

* Concatenated services cannot be multiplexed.

⁽¹⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after January 22, 2016.

⁽²⁾ Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments.

⁽³⁾ For Pricing Plans effective on or after November 25, 2019, see terms on page 8, sect 32.2.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service Nonrecurring⁽²⁾ (N)

		<u>USOC</u>	<u>Monthly</u>	<u>Charges</u>
(4) <u>Optional Features and Functions</u> (Cont'd)				
(b) <u>Add/Drop Function</u> (Cont'd) -Per DS3		MXJBX	\$2,755.02 (I)	\$0
-Per 1000 Base LX		MX4LX	\$500.00	\$0
(c) <u>1+1 Protection</u> -Per OC-12/OC-12c Customer Premises		P8T	\$260.00	\$0
(d) <u>1+1 Protection with Cable Survivability⁽¹⁾</u> -Per OC-12/OC-12c Customer Premises		P3S	\$260.00	\$600.00
(e) <u>1+1 Protection with Route Survivability⁽¹⁾</u> -Per OC-12/OC-12c Customer Premises -Per Quarter Route Mile		P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)	
		S2DXY	\$100.00	\$0

(1) Not available for OCN service originating and terminating within a Telephone Company location.

(2) See Part 2, Section 2.1.4(A) for Service availability. (N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽²⁾

(N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Features and Functions</u> (Cont'd)			
(f) <u>Shared Network Arrangement -Processing Charge per Service Order</u>	NRBOP	\$0	\$30.00
(g) <u>Diversity⁽¹⁾ -Per Quarter Route Mile</u> -Per OC-12/OC-12c	S2DXY CPAPB	\$100.00 \$300.00	\$0 \$0

(5) Moves (OC-12/OC-12c)(a) Service Rearrangements

See Part 2, Section 7 of this Guidebook, for rates and charges.

(b) Moves of Point of Termination

See Part 2, Section 13 of this Guidebook, for rates and charges.

(c) Moving Customer Premises

See Part 2, Section 7 of this Guidebook, for rates and charges.

⁽¹⁾ The Per Quarter Route Mile is required for one or both ends of the second service when both services terminate at the same customer premises.

⁽²⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽⁴⁾

(N)

(C) OC-48/OC-48c(1) Local Distribution Channel-Per Point of
Termination

	<u>USOC</u>	<u>1 Year^{(1) (3)}</u>	<u>3 year^{(1) (3)}</u>	<u>5 year^{(1) (2)}</u>	<u>Mo. Ext.</u>
TMECS	\$122,571.03(I)	\$110,913.71(I)	\$7,000.00	\$274,489.95(I)	

(2) Interoffice Transport

-Mileage	<u>USOC</u>	<u>1 Year^{(1) (3)}</u>	<u>3 year^{(1) (3)}</u>	<u>5 year^{(1) (2)}</u>	<u>Mo. Ext.</u>
-Fixed	1L5XX	\$72,037.34(I)	\$63,662.22(I)	\$4,500.00	\$159,109.86(I)
-Per Mile	1L5XX	\$3,225.56(I)	\$ 2,942.60(I)	\$220.00	\$7,071.15(I)

(3) Collocation Transport—Transport Facilities between Collocation
Arrangements

	<u>USOC</u>	<u>1 Year^{(1) (3)}</u>	<u>3 year^{(1) (3)}</u>	<u>5 year^{(1) (2)}</u>	<u>Mo. Ext.</u>
-Fixed	1H48S	\$14,950.00	\$13,455.00	\$10,400.00	\$19,140.00
-Per Mile	1H48S	\$345.00	\$598.00	\$440.00	\$858.00

(4) Optional Features and Functions

(a) OC-48 Add/Drop Multiplexing—Per Arrangement*

	<u>USOC</u>	<u>1 Year^{(1) (3)}</u>	<u>3 year^{(1) (3)}</u>	<u>5 year^{(1) (2)}</u>	<u>Mo. Ext.</u>
MXRFX	\$62,813.39(I)	\$52,344.50(I)	\$3,700.00	\$117,087.12(I)	

(b) Add/Drop Function—Per OC-12

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
MXJEX	\$11,479.13(I)		\$0

* Concatenated services cannot be multiplexed.

⁽¹⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after January 22, 2016.

⁽²⁾ Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments.

⁽³⁾ For Pricing Plans effective on or after November 25, 2019, see terms on page 8, sect 32.2.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽²⁾

(N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Features and Functions</u> (Cont'd)			
(b) <u>Add/Drop Function</u> (Cont'd)			
-Per OC-3	MXJCX	\$4,591.70 (I)	\$0
-Per DS3	MXJBX	\$2,755.02 (I)	\$0
-Per 1000 Base LX	MX4LX	\$500.00	\$0
(c) <u>1+1 Protection</u> -Per OC-48/OC-48c Customer Premises	P8T	\$1,410.00	\$0
(d) <u>1+1 Protection with Cable Survivability⁽¹⁾</u> -Per OC-48/OC-48c Customer Premises	P3S	\$1,410.00	\$700.00
(e) <u>1+1 Protection with Route Survivability⁽¹⁾</u> -Per OC-48/OC-48c Customer Premises	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below (P8T + S2DXY))	
-Per Quarter Route Mile	S2DXY	\$125.00	\$0

(1) Not available for OCN service originating and terminating within a Telephone Company location.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽²⁾

(N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring</u> <u>Charge</u>
(4) <u>Optional Features and Functions</u> (Cont'd)			
(f) <u>Point-to-Point OC-48 Regenerator</u> -each	RGY48	\$5,500.00	\$0
(g) <u>Shared Network Arrangement</u> -Processing Charge per Service Order	NRBOP	\$0	\$30.00
(h) <u>Diversity⁽¹⁾</u> -Per Quarter Route Mile -Per OC-48/OC-48c	S2DXY CPAPC	\$125.00 \$700.00	\$0 \$0

(5) Moves (OC-48/OC-48c)(a) Service Rearrangement

See Part 2, Section 7 of this Guidebook, for rates and charges.

(b) Moves of Point of Termination

See Part 2, Section 13 of this Guidebook, for rates and charges.

(c) Moving Customer Premises

See Part 2, Section 7 of this Guidebook, for rates and charges.

⁽¹⁾ The Per Quarter Route Mile is required for one or both ends of the second service when both services terminate at the same customer premises.

⁽²⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽⁴⁾

(N)

(D) OC-192/OC-192c

		<u>USOC</u>	<u>3 year⁽¹⁾⁽³⁾</u>	<u>5 year⁽¹⁾⁽²⁾</u>	<u>Mo. Ext.</u>
(1)	<u>Local Distribution Channel</u> -Per Point of Termination		TMECS \$332,741.12(I)	\$21,000.00	\$706,059.77(I)
(2)	<u>Interoffice Transport</u> -Mileage -Fixed -Per Mile	1L5XX	\$190,986.65(I)	\$13,500.00	\$477,311.21(I)
		1L5XX	\$4,074.38(I)	\$300.00	\$9,091.44(I)
(3)	<u>Collocation Transport</u> -Transport Facilities between Collocation Arrangements -Fixed -Per Mile	1H48S	\$19,406.25	\$13,500.00	\$31,185.60
		1H48S	\$414.00	\$300.00	\$594.00
(4)	<u>Optional Features and Functions</u>				
(a)	OC-192 Add/Drop Multiplexing* -Per Arrangement	MXRGX	\$135,812.70(I)	\$9,600.00	\$308,558.97(I)
(b)	Add/Drop Function -Per OC-48	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>	
		MXJFX	\$33,059.93(I)		\$0

*Concatenated services cannot be multiplexed.

⁽¹⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after January 22, 2016.

⁽²⁾ Effective on August 21, 2018, AT&T will no longer offer term plans longer than 36 months, including any renewals, extensions or conversions of existing term commitments.

⁽³⁾ For Pricing Plans effective on or after November 25, 2019, see terms on page 8, sect 32.2.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽³⁾

(N)

		<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4) <u>Optional Features and Functions (Cont'd)</u>				
(b) <u>Add/Drop Function (Cont'd)</u>				
-Per OC-12	MXJEX	\$11,479.13 (I)		\$0
-Per OC-3	MXJCX	\$4,591.70 (I)		\$0
-Per 1000 Base LX	MX4LX	\$500.00		\$0
(c) <u>1+1 Protection</u>				
-Per OC-192/OC-192c Customer Premises	P8T	\$2,700.00		\$0
(d) <u>1+1 Protection with Cable Survivability⁽¹⁾</u>				
-Per OC-192/OC-192c Customer Premises	P3S	\$2,700.00		\$800.00
(e) <u>1+1 Protection with Route Survivability⁽¹⁾</u>				
-Per OC-192/OC-192c Customer Premises	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)		
-Per Quarter Route Mile	S2DXY	\$150.00		\$0
(f) <u>Point-to-Point OC-192 Regenerator</u>				
-each	RGY	\$11,000.00		\$0
(g) <u>Diversity⁽²⁾</u>				
-Per Quarter Route Mile	S2DXY	\$150.00		\$0
-Per OC-192/OC-192c	CPAPD	\$1,200.00		\$0

⁽¹⁾ Not available for OCN service originating and terminating within a Telephone Company location.

⁽²⁾ The Per Quarter Route Mile is required for one or both ends of the second service when both services terminate at the same customer premises.

⁽³⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

32. Optical Carrier Network (OCN) Point-to-Point Service⁽¹⁾

(N)

(5) Moves (OC-192/OC-192c)(a) Service Rearrangement

See Part 2, Section 7 of this Guidebook, for rates and charges.

(b) Moves of Point of Termination

See Part 2, Section 13 of this Guidebook, for rates and charges.

(c) Moving Customer Premises

See Part 2, Section 7 of this Guidebook, for rates and charges.

(E) Installation and Rearrangement Charges

USOC	Administrative Charge, per Order	Design and Central Office Connection Charge, per circuit	Customer Connection, Charge, per termination
OC-3/OC-3c	\$ 60.00	\$ 375.00	\$ 450.00
OC-12/OC-12c	60.00	375.00	450.00
OC-48/OC-48c	60.00	500.00	600.00
OC-192/OC-192c	60.00	2,250.00	600.00
Ethernet 100 Base	60.00		
Ethernet 1000 Base	60.00		

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.1 General (Cont'd)****7.1.1 Service Types (Cont'd)**

The customer has the option of ordering analog, digital high capacity⁽³⁾ or Fiber Advantage^{SM(3)} facilities (i.e., 1.544 Mbps⁽¹⁾, (N) 3.152 Mbps, 6.312 Mbps, 44.736 Mbps and 274.176 Mbps) 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 7.2 following. 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 and functions available are also set forth in 7.2 following. The customer may order SONET Ring and Access Services⁽²⁾ (i.e., 1.544 Mbps - 2.488 Gbps) as described in 7.2.11 following.

Cascading multiplexing occurs when a 3.152 Mbps facility is provided from a customer designated premises to a Telephone Company Hub for multiplexing to two 1.544 Mbps channels. The 1.544 Mbps channels may be further multiplexed at the same or a different Hub to analog or digital channels or may be extended to other customer designated premises. Optional features may be added to either the high capacity⁽³⁾ service or to individually multiplexed channel(s). When ordering, the customer will specify the desired multiplexing Hub(s) selected from the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4. (N)

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 designated 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⁽³⁾. (N)

(1) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers. Refer to section 7.4.11(A) for conversion options.

(2) Effective January 3, 2006, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.1 General (Cont'd)****7.1.2 Rate Categories (Cont'd)****(B) Channel Mileage**

The Channel Mileage rate category provides for the transmission facilities between the serving wire centers associated with two customer designated premises, between the serving wire centers associated with a customer designated premises and a Telephone Company Hub or between two Telephone Company Hubs. Channel mileage is portrayed in mileage bands. There are two rates that apply for each band: a fixed rate per band and a rate per mile.

When the customer orders High Capacity⁽¹⁾ Service as described in Section 7.2.9(A) and Part 14, Section 31, paragraph 31.5.2.9 following, the Channel Mileage facility must be ordered in conjunction with an associated Channel Termination, as previously described in Section 7.1.2(A). (N)

(C) Optional Features and Functions

The Optional Features and Functions rate category provides for optional features and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather characteristics may be obtained. These characteristics may be obtained by using various combinations of equipment. Although the equipment necessary to perform a specified function may be installed at various locations along the service, it will be charged for as a single rate element.

Examples of Optional Features and Functions that are available include, but are not limited to, the following:

- Signaling Capability
- Conditioning
- Bridging and/or multiplexing

Descriptions for each of the available Optional Features and Functions are set forth in 7.2 following.

(1) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.1 General (Cont'd)****7.1.4 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⁽¹⁾ 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⁽¹⁾, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature. (T)
- (B) For other analog services (i.e., Metallic⁽¹⁾, Telegraph⁽¹⁾, Video⁽³⁾, and WATS⁽¹⁾ Access Line) and for digital services (i.e., Generic Digital Transport⁽¹⁾ and High Capacity⁽⁴⁾), acceptance tests will include tests for the parameters applicable to the service as specified in the order for service. (T) (T) (N)

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade⁽¹⁾ Service to test other parameters, as described in Part 4, Section 13, paragraph 13.3, is available at the customer's request. All tests results will be made available to the customer upon request. (T)

- (1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (T)
- (2) (DELETED) (T)
- (3) Effective December 31, 2020, Analog Video Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change existing service arrangements will not be accepted. AT&T currently plans to discontinue this Service on or after December 31, 2021. (T)
- (4) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions

For the purposes of ordering, the types of Special Access Service are:

Metallic ⁽²⁾ (MT)	TR-NPL-000336	(T)
Telegraph Grade ⁽²⁾ (TG)	TR-NPL-000336	(T)
Voice Grade (VG) ⁽²⁾	TR-NPL-000335, PUB 41004, Table 4	(T)
- WATS ⁽²⁾ Access Line (WAL)	TR-NPL-000334	(T)
Video ⁽⁴⁾ (TV)	GR-338-CORE ATT-TELCO-002-200-777	(T)
Generic Digital Transport ⁽²⁾ (GDT)	PUB 62507 and 62310 TR-NPL-000157 PUB L-780030-PB/NB, PUB L-780035-PB/NB, PUB L-780036-PB/NB, PUB L-780037-PB/NB, PUB L-780077-PB/NB	(T)
High Capacity ⁽⁵⁾ (HC)	PUB 62508 and 62411 PUB L-780059-PB	(N)
Service Description and Technical Requirements for SONET Ring and Access Services ⁽¹⁾	PUB L-780046-PB/NV	(T)

(1) Effective January 3, 2006, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service. (T)

(2) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024. (T)

(3) (DELETED) (T)

(4) Effective December 31, 2020, Analog Video Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change existing service arrangements will not be accepted. AT&T currently plans to discontinue this Service on or after December 31, 2021. (T)

(5) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 Voice Grade Service⁽²⁾ (Cont'd)

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

(15) Multiplexer Cross Connect

This arrangement is available only as a cross-connect of one channel of a Special Access High Capacity DS1⁽³⁾ multiplexer to one channel of another Special Access High Capacity DS1⁽³⁾ multiplexer. The customer must provide system and channel assignment information. All channel mileage charges will also apply. (N)

The following table shows the services with which the optional features and functions are available.

	Available with Technical Specifications Package VG-											
	C	1	2	3	4	5	6	7	8	9	10	11
C-Type Conditioning	X					X	X	X	X	X	X	
Central Office Bridging												
Capability	X		X			X	X				X	X
Central Office Multiplexing	X						X					
Customer Specified Premises												
Receive Level	X		X	X				X	X	X		
Data Capability	X						X	X				X
ELEPL 2	X	X	X	X		X		X				
Improved Attenuation Distortion	X					X	X	X	X	X	X	
Improved Envelope Delay Distortion						X	X	X	X	X	X	X
Improved Termination	X	X	X	X	X	X	X	X	X	X	X	X
Improved Return Loss For												
Effective Two-Wire												
Transmission	X		X	X					X			
PPSN Interface Arrangement ⁽¹⁾	X											X
Sealing Current Conditioning	X						X	X				X
Selective Signaling Arrangement	X		X									
Signaling Capability	X	X	X		X				X	X	X	
Simplex Reversal	X	X	X	X					X	X	X	
Telephoto Capability	X											X
Transfer Arrangement	X	X	X	X	X	X	X	X	X	X	X	X
Multiplexer Cross Connect	X	X	X	X	X	X	X	X	X	X	X	X

(1) As of October 6, 2004, PPS Interface Arrangement service utilizing the X.25 protocol and the X.75 protocol is obsolete and is limited to existing installations, at existing locations, for existing customers.

(2) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(3) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Generic Digital Transport Service⁽¹⁾ (Cont'd)

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

(6) Multiplexer Cross Connect

This arrangement is available only as a cross-connect of one channel of a GDTS multiplexer to one channel of another GDTS multiplexer; or one channel of a Special Access High Capacity DS1⁽²⁾ multiplexer to one channel of another Special Access High Capacity DS1⁽²⁾ multiplexer. Cross connects will be provided at 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps, 56 or 64 kbps. The customer must provide system and channel assignment information. All channel mileage charges will also apply.

(N)
(N)

(7) Network Reconfiguration Service

Network Reconfiguration Service (NRS) allows a customer to make changes in the individual circuit segments of their network. These changes can be mapped, stored and executed based on time of day, or the customer may request changes on demand for disaster recovery.

The NRS service is available at the Telephone Company's serving wire centers equipped with Digital Cross Connect as set forth in NECA's Tariff FCC No. 4. Two rate elements apply for NRS. One monthly rate element shall apply per DSO channel termination and one rate element shall apply per each reconfiguration completed from a Telephone Company Control Center.

NRS must be ordered at the time DOS service is ordered. NRS is required on all circuit terminations of the customer's network to be reconfigured. The customer must comply with Utility security procedures.

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.8 Generic Digital Transport Service (Cont'd)

7.2.8.1 Fractional DS1 Service⁽¹⁾

(B) Technical Specifications Packages

Technical Specifications Package HC1 will apply for all speeds of Fractional DS1 Service.

A Fractional DS1 channel with Technical Specifications Package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a Channel Service Unit equivalent which is designed, manufactured, and maintained to conform with the specifications contained in the Technical Reference for High Capacity Service⁽²⁾. (N)

(C) Channel Interfaces (CI)

The following channel interfaces define the bit rates that are available for a Fractional DS1 channel:

CI	Bit Rate
DS-1S	128, 256, 384, 512, 768 kbps

(1) Effective October 27, 2016, Fractional DS1 Service is limited to existing Customers for existing service arrangements; no new or additional term commitments of any kind, including any otherwise available renewals, will be available; and no move, add, or change orders will be accepted.

(2) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Service Descriptions (Cont'd)****7.2.9 High Capacity Service⁽¹⁾⁽³⁾⁽⁴⁾**

(N)

(A) Basic Service Description

A High Capacity service is for the transmission of 1.544, 3.152, 6.312, 44.736 (DS3, DS3x3 and DS3x12⁽²⁾), or 274.176 Mbps isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. DS3, DS3x3 and DS3x12⁽²⁾ will be provided with or without Telephone Company provided terminal equipment on the customer's premises. When a customer desires to furnish their own terminal equipment, the Telephone Company will work cooperatively with the customer to provide a physical interface satisfactory to both parties. High Capacity services are provided between customer designated premises through serving wire centers or between a customer designated premises and a Telephone Company Hub, or between a customer designated premises to an EIS Point of Termination, or an EIS Point of Termination to a Hub. DS3x12⁽²⁾ is only provided between a customer designated premises and the serving wire center serving that premises.

DS3, DS3x3 and DS3x12⁽²⁾ service provides a total capacity of one(DS3), three (DS3x3) or twelve (DS3x12⁽²⁾) services. DS3x3 services can be point-to-point or connected at the wire center serving that premises to individual terminating DS3 services, or to individual DS3 services for multiplexing at a Hub. DS3x12⁽²⁾ services can only be connected at the serving wire center to individual terminating DS3 services, or to individual DS3 services for multiplexing at a Hub. The DS3 to DS1 multiplexing function is only available in Telephone Company Hubs as indicated in the EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4.

DS3, DS3x3 and DS3x12⁽²⁾ High Capacity service offerings are only available where facilities and operating conditions permit. Where facilities and/or operating conditions do not permit, Special Construction as set forth in Pacific Bell Telephone Company's Tariff F.C.C. No. 1, Section 5.1.3 shall apply.

- (1) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM 3-year terms for the remainder of the applicable term.
- (2) DS3X12 is discontinued and no longer available in this publication.
- (3) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (4) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Service Descriptions (Cont'd)****7.2.9 High Capacity Service⁽³⁾⁽⁴⁾ (Cont'd)**

(N)

(A) Basic Service Description (Cont'd)

Fiber AdvantageSM Service is a high performance service providing transmission of 1.544⁽¹⁾, 3.152, 6.312, 44.736 (DS1⁽¹⁾ DS3, DS3x3, or DS3x12⁽²⁾), or 274.176 Mbps isochronous serial data with reliability parameters designed to limit a single event from interrupting service. Fiber AdvantageSM Service is offered as end-to-end fiber optic DS1⁽¹⁾ and DS3 (DS3, DS3x3 and DS3x12⁽²⁾) services provided with either an electrical or optical interface at the customer's premises.

Customers requesting an electrical interface will receive an electrical signal with a transmission speed of 44.736 Mbps per channel. When the optical interface is selected for DS3 Channel Termination (s) Without Terminal Equipment, the customer must provide the optical line termination at its premises, which must be compatible with Telephone Company equipment.

Customers requesting an optical interface for (a) Fiber AdvantageSM DS3x12⁽²⁾ Channel Terminations (s) With Terminal Equipment will receive (an) optical signal(s) at the transmission speed(s) associated with the number of DS3s requested on the Access Order. The transmission speeds for optical interfaces are stated as approximate multiples of 44.736 Mbps. If the customer selects a Fiber AdvantageSM (DS3) DS3x12⁽²⁾ Channel Termination with Terminal Equipment, and when existing facilities and equipment are in place, the customer can designate the twelve DS3 channel terminations to be provisioned over a single OC-12 optical interface.

- (1) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers. Refer to section 7.4.11(A) for conversion options.
- (2) DS3X12 is discontinued and no longer available in this publication.
- (3) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (4) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Service Descriptions (Cont'd)****7.2.9 High Capacity Service⁽⁴⁾⁽⁵⁾ (Cont'd)**

(N)

(A) Basic Service Description (Cont'd)

Fiber AdvantageSM Services are only available where facilities and operating conditions permit as determined Telephone Company. Upon request, Fiber Advantage service may be placed on diverse fiber facilities where available. Where facilities and/or operating conditions do not permit, Special Construction as set forth in Pacific Bell Telephone Company's Tariff F.C.C. No. 1, Section 5.1.3 shall apply. A customer may order any appropriate High Capacity AdvantageSM Service.

DS3x3, and DS3x12⁽³⁾ high capacity service shall only be provided as Fiber AdvantageSM Service. At the customer's option, DS1⁽¹⁾ may be provided as High Capacity, Fiber Advantage or SONET Ring and Access Service⁽²⁾; DS3 may be provided as either Fiber AdvantageSM Service or SONET Ring and Access Services⁽²⁾.

(B) Technical Specifications

While in service the average performance of error free seconds will be 98.75% over a continuous 24-hour period. In order to meet this standard, the service must be measured at the specified Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications set forth in Technical Reference PUB 62508.

Fiber AdvantageSM Service will provide at least 99.999% circuit availability on a monthly basis. This applies only to the Telephone Company-provided service and requires customer-provided equipment to be fully compatible and operational under the specifications set forth in Technical Publication L-780059-PB.

(C) Channel Interfaces

Compatible channel interfaces are set forth in Technical Reference 62508 and PUBL-780059-PB.

- (1) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers. Refer to section 7.4.11(A) for conversion options.
- (2) Effective January 3, 2006, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.
- (3) DS3X12 is discontinued and no longer available in this publication.
- (4) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (5) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service⁽¹⁾ (Cont'd)

(N)

(D) Optional Features and Functions

(1) Reserved for Future Use
(2) Transfer Arrangement

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

(3) Central Office Multiplexing

(a) DS4 to DS1

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channels using digital time division multiplexing.

(b) DS3 to DS1

There are two options available with this feature.

Option 1

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

Option 2

An arrangement that converts a 44.736 Mbps channel to up to 28 channels for use with DS1 service when Network Reconfiguration Service is requested as set forth in 7.2.9(D)(4) following. When this option is ordered the Multiplexing Hub must be one of the Network Reconfiguration Hubs listed in NECA's Tariff FCC No. 4.

(1) See Part 2, Section 2.1.4(A) for service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service⁽²⁾ (Cont'd)

(N)

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

(3) Central Office Multiplexing (Cont'd)

(c) DS2 to DS1

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

(d) DS1C to DS1

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing.

(e) DS1 to Voice/Digital⁽¹⁾

An arrangement that converts a 1.544 Mbps channel up to 24 channels for use with Voice Grade, and/or Generic Digital Transport Services.

Customers ordering multiplexed High Capacity Service will be required to provide subsequent system and channel assignment data.

The following table shows the services with which the optional features and functions are available.

	Available with Technical Specifications Package HC-						
	0	1	1C	2	3	3x3	4
Central Office Multiplexing:							
DS4 to DS1							X
DS3 to DS1							
- Option 1					X		X
- Option 2					X		X
DS2 to DS1						X	
DS1C to DS1					X		
DS1 to Voice/Digital ⁽¹⁾				X			
Transfer Arrangement				X			
Alternate Serving Wire Center				X		X	
Enhanced Access Diversity				X		X	X
Multiplexer Cross Connect	X						

(1) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service⁽²⁾ (Cont'd)

(N)

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

(4) Network Reconfiguration Service⁽¹⁾

Network Reconfiguration Service (NRS) allows a customer to make changes in the individual circuit segments of their network. These changes are made at the DS0 level which have been multiplexed onto the DS1, or at the DS1 level which have been multiplexed onto the DS3. The changes are initiated by the customer calling the Telephone Company and requesting a reconfiguration to be completed. For DS0 to DS1, the desired reconfiguration can be mapped and stored and executed based on time of day or for disaster recovery.

The NRS service is available at the Telephone Company's serving wire center equipped with Digital Cross Connect as set forth in NECA's Tariff FCC No. 4.

(1) Effective December 5, 2018, Network Reconfiguration Service (NRS) will no longer be available for purchase by new or existing customers, and NRS service agreements may no longer be renewed. Effective July 31, 2022, the Telephone Company will no longer accept new requests for physical changes to existing service arrangements including the upgrade or downgrade of access/port speed, installation of new service, or moves to different service addresses.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service⁽²⁾ (Cont'd)

(N)

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

(4) Network Reconfiguration Service⁽¹⁾ (Cont'd)

(a) DS1 to DS0 NRS

Two rate elements apply for NRS. One monthly rate element shall apply per DS1 channel termination equipped with NRS capability and one rate element shall apply per each reconfiguration completed by a Telephone Company Control Center at either the DS1 or DSO level.

NRS must be ordered at the time high capacity service is ordered. NRS is required on all circuit terminations of the customer's network to be reconfigured. The customer must comply with Utility security procedures.

(b) DS3 to DS1 Network Reconfiguration Service

The NRS Termination Charge and Network Reconfiguration Charge are in addition to any applicable Channel Termination, Channel Mileage, Multiplexing, and other optional features and functions charges.

A NRS Termination Charge is required for each termination on a Digital Cross-Connect System, when connecting between Digital Cross-Connect Systems and is in addition to any applicable Channel Mileage charges. Two DS3 NRS Termination charges will apply when connecting between two central offices where DS3 NRS Terminations are provided, one charge at each termination.

The Network Reconfiguration charge occurs when the customer orders a network reconfiguration.

(1) Effective December 5, 2018, Network Reconfiguration Service (NRS) will no longer be available for purchase by new or existing customers, and NRS service agreements may no longer be renewed. Effective July 31, 2022, the Telephone Company will no longer accept new requests for physical changes to existing service arrangements including the upgrade or downgrade of access/port speed, installation of new service, or moves to different service addresses.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.2 Service Descriptions (Cont'd)****7.2.9 High Capacity Service⁽²⁾⁽³⁾ (Cont'd)**

(N)

(D) Optional Features and Functions (Cont'd)**(5) Alternate Serving Wire Center (ASWC)**

ASWC is an optional feature in which High Capacity Channel Terminations are provided to an alternate serving wire center other than that normally serving the customer's designated premises. The Telephone Company will designate the serving wire center to be used, however, the mileage used to determine the monthly rate for channel mileage is based on the normal serving wire center associated with the customer designated premises as described in 7.1.2 preceding. The customer may order DS3 ASWC with either an electrical or optical handoff. When an optical handoff is ordered, no terminal equipment will be provided by the Telephone Company at the customer premises. This feature is not available with Shared Use Digital High Capacity Service or DS3x3 or DS3x12⁽¹⁾ Service.

When a customer orders the ASWC Optional Feature, the Alternate Serving Wire Center rate as specified in Part 14, Section 31, paragraph 31.5.2.9(C)(5) applies in addition to the Channel Termination and Channel Mileage Rates and Charges for each applicable High Capacity Service. Rates for ASWC apply per point of termination. In addition, if ASWC is ordered after installation of the DS1 or DS3 service, a Service Rearrangement Charge shall apply as set forth in 7.4.1(C)(3), following.

Listed following are serving wire center locations where ASWC is immediately available:

SNFCCA01	SNFCCA21	CLCYCA11
ANHMCA11	SCRMCA11	IGWDCA01
LSANCA01	LSANCA03	LSANCA07
OKLDCA03	LSANCA08	LSANCA10
LSANCA11		

(1) DS3X12 is discontinued and no longer available in this publication.
(2) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
(3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service⁽¹⁾ (Cont'd)

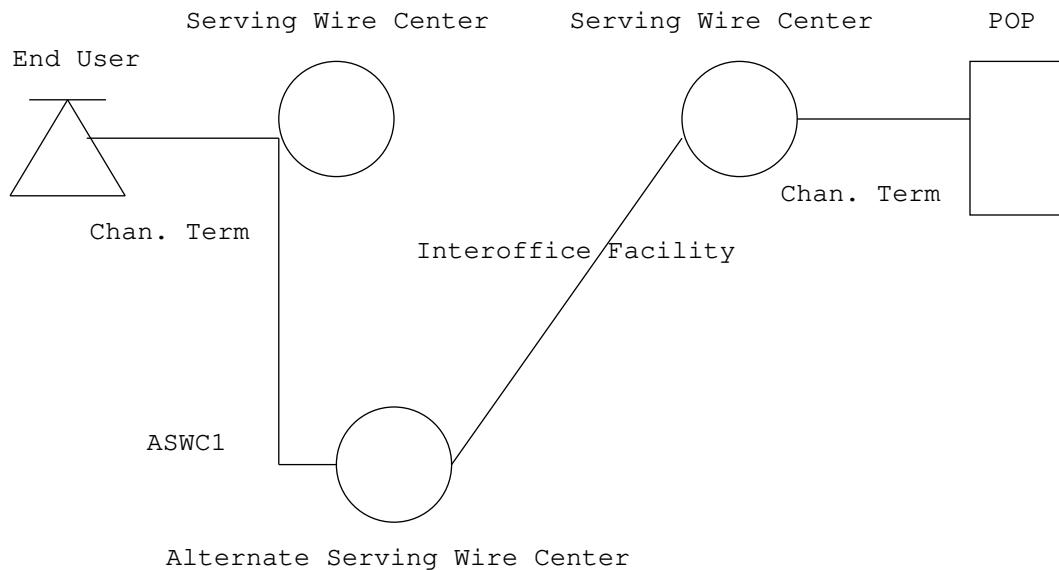
(N)

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

(5) Alternate Serving Wire Center (ASWC) (Cont'd)

Subject to the provisions of paragraph 2.1.4 (Provision of Services) in Part 2, Section 2 of this Guidebook, and paragraph 5.1.3 (Special Construction) in Pacific Bell Telephone Company's Tariff F.C.C. No. 1, ASWC will be provided in other locations within one year from receiving a customer request.

Example: High Capacity DS1 or DS3 service connecting two customer premises via Alternate Serving Wire Center.



	Rate Elements	Applicable charges
1	2 Chan. Terms	Monthly Recurring and Non-Recurring
2	Interoffice Mileage	Monthly Recurring
3	ASWCI	Monthly Recurring

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service⁽¹⁾ (Cont'd)

(N)

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

(6) Enhanced Access Diversity (EAD)

EAD is an optional feature in which Special Access High Capacity Service is provided on a transmission facility alternately routed from the primary (standard) transmission facility path. The amount of diversity is determined by the option, described below, selected by the customer.

EAD may be provisioned on Telephone Company facilities where capability and capacity permit. Otherwise, the customer may order facilities under Special Construction.

When placing orders for EAD, the customer must identify the services that will be diverse. The customer must also supply all appropriate facility assignments and other information to permit the Telephone Company to provide and maintain EAD service.

When High Capacity DS3 service is multiplexed, rates and charges for each EAD service connecting to the multiplexer will apply. Applicable rates and charges for the DS3 service will also apply if identified as an EAD service. Customers leasing Telephone Company-provided multiplexers will provide and identify Connecting Facility Assignments of diverse services to the multiplexer.

EAD is provided on a per DS1 or DS3 basis only.

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service⁽¹⁾ (Cont'd)

(N)

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

(6) Enhanced Access Diversity (EAD) (Cont'd)

Option 1

This option utilizes existing physically diverse interoffice facilities, excluding equipment and facilities located in a wire center extending to the first manhole outside the wire center, to provide diversity between serving wire centers only.

Option 2

This option utilizes existing physically diverse local loop and interoffice facilities, excluding equipment and facilities located in a wire center extending to the first manhole outside the wire center or from the point of termination to the first manhole outside a customer premises, to provide diversity between customer premises, between a customer premises and a hub, or between a customer premises and an EIS Point of Termination.

Option 3

This option utilizes existing physically diverse local loop and interoffice facilities to provide diversity between customer premises, between a customer premises and a hub, or between a customer premises and an EIS Point of Termination.

In this option, diverse channel termination (local loop) facilities from the customer premises to a wire center other than the customer's serving wire center must already exist.

The customer must inform the Telephone Company of existing diverse local loop facilities provided under Special Construction over which the service will be routed.

Interoffice mileage will be charged between the wire centers where the local loops actually terminate.

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 High Capacity Service⁽¹⁾ (Cont'd)

(N)

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

(7) DS1 Multiplexer Cross Connect

This arrangement is available only as a cross-connect of one channel of a Special Access High Capacity DS3 multiplexer to a channel of another Special Access High Capacity DS3 multiplexer. Cross connects are provided at 1.544 Mbps. The customer must provide system and channel assignment information. All channel mileage charges will also apply.

7.2.10 Reserved for Future Use

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.1 Types of Rates and Charges (Cont'd)****(C) Nonrecurring Charges (Cont'd)****(3) Service Rearrangements (Cont'd)****(b) Rollover Changes**

Rollover Changes listed below, are physical changes to, or reclassification of existing service including (a) preceding, and there is no change in either the point of termination or the EIS point of termination. A Rollover Change Charge for Special Access Service will apply as set forth in Part 14, Section 31, paragraph 31.5.2. No charge will apply for subtending services of the service being rolled over as long as there is no change to the subtending services. The following are examples where rollover charges will apply.

- Rearranging an existing Special Access DS1⁽³⁾⁽⁴⁾ or DS3⁽³⁾⁽⁴⁾ service from one port in the same class. (N)
- Rearranging an existing service from one multiplexer to another multiplexer.
- Rearranging an existing lower speed service to an existing multiplexed higher speed service.
- Reclassification of 3 existing DS3⁽⁴⁾ services between the same points of termination to a DS3x3 service, or 4 existing DS3x3 services between the same points of termination to a DS3x12⁽²⁾ service as long as the Rate Stability Payment Plan is equivalent or longer than the lower bit rate services being reclassified. (N)
- Rearranging an existing service to the dedicated ring configuration of SONET Ring and Access Services⁽¹⁾.

(1) Effective January 3, 2006, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) DS3X12 is discontinued and no longer available in this publication.

(3) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

(4) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.3 Message Station Equipment Recovery Charge**

The Message Station Equipment Recovery Charge is a charge to recover that portion of Message Station equipment that is assigned to Special Access Service. This charge is assessed only to those services which the Special Access Surcharge applies.

7.4.4 Minimum Periods

Except as set forth following the minimum service period for all services is one month.

The minimum service period for Fiber AdvantageSM DS3⁽⁸⁾ and DS3x3 services is one month. (N)

The minimum service period for Fiber AdvantageSM DS3⁽⁸⁾ and DS3x3 services is a 1-year⁽⁶⁾ term plan. After the 1-⁽⁷⁾, 3-⁽⁴⁾ or 5-year⁽⁴⁾ Rate Stability Payment Plan is satisfied, the customer must select a renewal option as referenced in Section 7.4.11(C). (N)

The minimum period for DS3x12⁽⁵⁾ service is a 3-year Rate Stability Payment Plan. After the 3- or 5-year Rate Stability Payment Plan is satisfied, the customer must select a renewal option as referenced in Section 7.4.11(C).

The minimum service period for part-time and occasional Video⁽³⁾ services is one day.

(1) [DELETED]

(2) (DELETED)

(3) Effective December 31, 2020, Analog Video Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change existing service arrangements will not be accepted. AT&T currently plans to discontinue this Service on or after December 31, 2021.

(4) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

(5) DS3X12 is discontinued and no longer available in this publication.

(6) Effective January 17, 2024, the 1-year minimum period no longer applies.

(7) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

(8) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.6 Multiplexed Services

The Telephone Company will commence billing the monthly rate for the High Capacity⁽³⁾ facilities to the Hub and the associated multiplexer 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. Individual service rates (e.g., Voice Grade, Metallic or GDTs Service) will apply for a Channel Termination and additional Channel Mileage (as required) for each channelized service. Channel Termination charges are not applied at Hubs when, by customer request, individual services are channelized by Telephone Company multiplexers. These will be billed to the customer as each individual service is installed. A High Capacity⁽³⁾ service may not be ordered with multiplexing to lower levels at both ends.

(N)

(N)

(N)

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 at the appropriate service level (e.g., DS1⁽²⁾⁽³⁾ or DS3⁽²⁾⁽³⁾).

(N)

When a DS3x3 or DS3x12⁽¹⁾ is hubbed and segregated into individual DS3 services, a separate multiplexer charge is not required between the DS3x3 or DS3x12⁽¹⁾ service and the individual DS3⁽³⁾ services. DS3⁽²⁾⁽³⁾ rates and charges will apply to the individual DS3⁽³⁾ services as required (e.g., channel termination, channel mileage and optional features if requested). If multiplexing is used to multiplex DS3x3 or DS3x12⁽¹⁾ service to DS1⁽³⁾ service, then at least one DS3⁽²⁾⁽³⁾ to DS1⁽²⁾⁽³⁾ multiplexer is required.

(N)

(N)

(N)

(N)

- (1) DS3x12 is discontinued and no longer available in this publication.
- (2) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.8 Shared Use Analog, Digital High Capacity⁽²⁾ and SONET Ring and Access Services

Shared Use occurs when Special Access Service and Switched Access Service are provided over the same High Capacity⁽²⁾ Special Access facility through a common interface. The Special Access monthly rate for the Channel Termination, Channel Mileage, if applicable, and multiplexer will apply, regardless of whether any individual channels of the Shared Special Access facility are used for Special Access Service, Switched Access Service, or any other type of service. The practice known as "ratcheting" (to apply non-Special Access rates on a proportional basis) shall not apply in any circumstance.

(N)

7.4.9 Extension of WATS Access Service

WATS Access Service is available with extensions, i.e., additional terminations, of the service at different customer designated premises in the same or different LATAs. Extensions are provided and charged for as separate Voice Grade Special Access Service. The rate elements which apply are: WATS Access Line Channel Termination, Channel Mileage, if applicable, and Signaling Capability (Optional Features and Functions), if applicable. All appropriate charges as set forth in Part 14, Section 31 will apply.

7.4.10 Reserved for Future Use

- (1) Effective January 3, 2006, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.
- (2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.11 Fiber AdvantageSM Service^{(5) (7) (8)}**

(N)

Monthly Extension Rates

Month extension rates are charges that the customer may elect to be converted to at the end of their 1, 3 or 5-year Rate Stability Payment Plan, until a new Rate Stability Payment Plan is selected or service is disconnected. Monthly extension rates are only available once the term plan has expired.

(A) Fiber AdvantageSM DS1^{(1) (2) (3)} Month-to-Month, DS3 and DS3x3 Month-to-Month and for DS3, DS3x3 and DS3x12⁽⁶⁾ Rate Stability Payment Plans

Rates and Charges for DS1^{(1) (2) (3)} are offered Month-to-Month or with a 1, 3 or 5-year Rate Stability Payment Plan.

Rates and Charges for DS3 and DS3x3 are offered Month-to-Month.⁽⁴⁾

- (1) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers.
- (2) At the expiration of the grandfathered Fiber AdvantageSM DS1 Rate Stability Payment Plan term, the customer may choose a new DS1 Term Payment Plan with the prices in effect at that time. If the customer elects not to establish a new DS1 TPP, the service will be billed the tariffed month-to-month rates in effect at the time the grandfathered Fiber Advantage DS1 Rate Stability Payment Plan expires.
- (3) Conversion of existing Fiber Advantage DS1 Rate Stability Payment Plan may be made to a new DS1 Term Payment Plan (TPP) term. If the expiration date for the new DS1 TPP term is beyond the expiration of the original Fiber Advantage DS1 Rate Stability Payment Plan term, no other charges from the original plan will apply. Access Order charges associated with conversion to new DS1 TPPs will be waived. Refer to DS1 Term Payment Plan 7.4.18 following for all DS1 TPP term and conditions.
- (4) [DELETED]
- (5) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.
- (6) DS3X12 is discontinued and no longer available in this publication.
- (7) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (8) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.11 Fiber AdvantageSM Service^{(5) (7) (8)} (Cont'd)**

(N)

(A) (Cont'd)

Rates and Charges for DS3 and DS3x3 service are offered with a 1, 3 or 5-year⁽⁴⁾ Rate Stability Payment Plan. DS3x12⁽⁶⁾ service is offered with a 3 or 5-year Rate Stability Payment Plan.

For customers that subscribe to a 1, 3 or 5-year Rate Stability Plan, the monthly rates in effect at the time the service is installed may decrease but will not increase at any time during the payment plan period.

The customer has the option to order a Rate Stability Payment Plan for each individual DS1^{(1) (2) (3)} or DS3 service hubbed with a DS3 or DS3x3 service.

- (1) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers.
- (2) At the expiration of the grandfathered Fiber AdvantageSM DS1 Rate Stability Payment Plan term, the customer may choose a new DS1 Term Payment Plan with the prices in effect at that time. If the customer elects not to establish a new DS1 TPP, the service will be billed the guidebook month-to-month rates in effect at the time the grandfathered Fiber Advantage DS1 Rate Stability Payment Plan expires.
- (3) Conversion of existing Fiber Advantage DS1 Rate Stability Payment Plan may be made to a new DS1 Term Payment Plan (TPP) term. If the expiration date for the new DS1 TPP term is beyond the expiration of the original Fiber Advantage DS1 Rate Stability Payment Plan term, no other charges from the original plan will apply. Access Order charges associated with conversion to new DS1 TPPs will be waived. Refer to DS1 Term Payment Plan 7.4.18 following for all DS1 TPP term and conditions.
- (4) Effective on September 13, 2017, Fiber AdvantageSM DS3 Rate Stability 5-year Payment Plans are no longer available, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a Fiber AdvantageSM DS3 Rate Stability 5-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current Fiber AdvantageSM DS3 Rate Stability 5-year Payment Plan term for the remainder of that term.
- (5) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM 3-year terms for the remainder of the applicable term.
- (6) DS3X12 is discontinued and no longer available in this publication.
- (7) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (8) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.11 Fiber AdvantageSM Service⁽³⁾⁽⁵⁾⁽⁶⁾ (Cont'd)

(N)

(B) Termination Liability Charges for Fiber AdvantageSM DS1⁽¹⁾ Month-to-Month, DS3 and DS3x3 Month-to-Month and for DS1⁽¹⁾, DS3, DS3x3 and DS3x12⁽⁴⁾ Rate Stability Payment Plans

Minimum Periods for Fiber AdvantageSM DS1⁽¹⁾, DS3, DS3x3 and DS3x12⁽⁴⁾ services apply as set forth in section 5.2.6(A) and 7.4.4 preceding.

For Rate Stability Payment Plans (e.g. 1, 3 and 5-year plans) discontinued prior to the end of their Payment Plan period, the Termination Liability Charges will apply as follows:

- For Rate Stability Payment Plans discontinued prior to the end of the Rate Stability Payment Plan period, the customer will be liable for 45% of the total monthly charges for the unexpired portion of the service.

An existing DS3, DS3x3 or DS3x12⁽⁴⁾ under a 1 or 3-year billing period may be converted to a longer term (i.e., 3 or 5-year billing period) without termination liabilities, provided that:

- (1) the expiration date for the new term agreement is beyond the end of the original term agreement,
- (2) the converted DS3 must be based upon the rates that are currently in effect and otherwise available to all customers,
- (3) the customer maintains the same or greater number of DS3 circuits under the new billing period, and
- (4) No lapse in service occurs.

(1) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers. Refer to section 7.4.11(A) for conversion options.

(2) [DELETED]

(3) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

(4) DS3X12 is discontinued and no longer available in this publication.

(5) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

(6) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.11 Fiber AdvantageSM Service⁽³⁾⁽⁵⁾⁽⁶⁾ (Cont'd)

(N)

(C) Renewal Plan (Cont'd)

(2) DS3 and DS3x3 service for Month-to Month and for, DS3, DS3x3 and DS3x12⁽⁴⁾ service Rate Stability Payment Plans

At the end of the Rate Stability Payment Plan, the customer may renew, for any Rate Stability Payment Plan, in effect, without a new nonrecurring charge being applied, as long as the physical serving arrangement is not changed.

At the expiration of the billing period, the customer must select one of the following options:

- (1) Elect to renew the service for a new 1, 3 or 5 year billing period⁽²⁾, at rates and charges currently in effect.
- (2) Elect to be converted to monthly extension rates.
- (3) Elect to disconnect the service upon expiration of the billing period.

(1) [DELETED]

(2) Effective on September 13, 2017, Fiber AdvantageSM DS3 Rate Stability 5-year Payment Plans are no longer available, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a Fiber AdvantageSM DS3 Rate Stability 5-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current Fiber AdvantageSM DS3 Rate Stability 5-year Payment Plan term for the remainder of that term.

(3) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

(4) DS3X12 is discontinued and no longer available in this publication.

(5) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

(6) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.11 Fiber AdvantageSM Service⁽²⁾⁽⁴⁾⁽⁵⁾ (Cont'd)

(N)

(C) Renewal Plan (Cont'd)

(2) DS3 and DS3x3 service for Month-to Month and for, DS3, DS3x3 and DS3x12⁽³⁾ service Rate Stability Payment Plans (Cont'd)

If the customer does not choose one of the preceding options prior to the expiration date of the commitment period, monthly extension rates will be applied upon expiration of the commitment period.

Option (1) as described preceding is available to customers if the term plans remain in effect and are not grandfathered. If the term plans are grandfathered and the service expires, absent customer notification, the customers expired service will be converted to monthly extension rates upon expiration.

The customer must provide the Telephone Company with a written notice of intent to extend the DS3 billing period no later than one month prior to the expiration of the service period.

The customer may continue service at the original rate, on a month-to-month basis, up to one full year after the original Rate Stability Payment Plan ends.⁽¹⁾

For a Renewed Rate Stability Payment Plan discontinued prior to the end of its Payment Plan period, the customer will be liable for 25% of the total monthly charges for the unexpired portion of the renewed service plan.

(1) [DELETED]

(2) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM 3-year terms for the remainder of the applicable term.

(3) DS3X12 is discontinued and no longer available in this publication.

(4) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

(5) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.11 Fiber AdvantageSM Service^{(3) (5) (6)} (Cont'd)**

(N)

(D) Change of DS1⁽²⁾, DS3, DS3x3 or DS3x12⁽⁴⁾ Rate Stability Payment Plan

At any time a customer has the option to change their current payment plan to an equivalent or longer payment plan (e.g., Month-to-Month to 3 year) without any Termination Liability Charges applicable to the current Rate Stability Payment Plan and without new nonrecurring charges applicable to the new equivalent or longer payment plan, as long as all other aspects of the services and facilities remain unchanged. In addition, the new equivalent or longer Rate Stability Payment Plan the customer chooses begins on the service order completion date and is treated as a new Rate Stability Payment Plan period.

Customers may change to a shorter Rate Stability Payment Plan by paying the associated Termination Liability Charges with the original Rate Stability Payment Plan. The rates that will apply will be the current rates in effect for the Rate Stability Payment Plan ordered. However, no new nonrecurring charges will apply.

(E) Upgrades of Fiber Advantage DS3, DS3x3 or DS3x12⁽⁴⁾ Services to higher speed services

Customers with 3 or 5-year term agreements may at any time upgrade to a higher speed service (e.g., DS3 to DS3x12⁽⁴⁾, DS3 to BCS⁽¹⁾, etc.), without incurring the Termination Liability charge, providing the following criteria are met:

- One the newer high-speed service, the customer subscribes to a term agreement that is equal to, or greater than 36 months;
- The expiration date for the new term agreement is beyond the end of the original term agreement;
 - (1) This option is limited to existing customers at existing locations as of January 11, 2002.
 - (2) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers. Refer to section 7.4.11(A) for conversion options.
 - (3) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.
 - (4) DS3X12 is discontinued and no longer available in this publication.
 - (5) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
 - (6) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.11 Fiber AdvantageSM Service⁽¹⁾⁽³⁾⁽⁴⁾ (Cont'd)**

(N)

(E) Upgrades of Fiber Advantage DS3, DS3x3 or DS3x12⁽²⁾ Service to higher speed services (Cont'd)

- No lapse in service occurs;
- Nonrecurring Charges will apply, when applicable;
- The monthly rates for the new service will be those rates in effect at the time the new service is installed;
- The new service is provided between the same customer locations and with the same customer of record as the disconnected service;
- The billed recurring revenue for the new service is equal to or greater than the billed recurring revenue remaining in the service being converted; and
- Spare facilities must be available or a nonrecurring upfront payment, which is a special construction charge, may apply.

(F) In addition to all other provisions of this section, any customer terminating any part of a Fiber AdvantageSM service that was installed under a waiver of nonrecurring charges, before the expiration of the term under which it was installed, shall be liable for the unexpired portion of the installation charges that were in effect at the time of installation, i.e., if a 3-year (36 month) term plan were selected, for each month the customer retains service, the unexpired portion of the installation charges shall be reduced by 1/36.

If only a portion of the service is disconnected prior to the expiration of the term plan, the customer shall be responsible for the unexpired installation charges of the disconnected part of the service only.

The unexpired nonrecurring charges shall continue to be reduced by the number of months in the original term plan, even if the customer chooses to increase the term before the original term expires.

(G) Reserved for Future Use

(1) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM 3-year terms for the remainder of the applicable term.

(2) DS3X12 is discontinued and no longer available in this publication.

(3) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

(4) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.13 Zone Pricing

Special Access High Capacity DS1⁽²⁾⁽³⁾ (1.544 Mbps) and DS3⁽²⁾⁽³⁾ (44.736 Mbps), including DS3x3, and DS3x12⁽¹⁾, services are divided into 3 pricing zones. The rate elements included in zone pricing are Channel Terminations, Channel Mileage, and Multiplexing. The pricing zone for each serving wire center is identified in the NECA Tariff No. 4. (N)

Channel Termination - The rate for each Channel Termination is determined by the serving wire center.

Channel Mileage - Channel Mileage calculations will be made in accordance with Section 7.4.5, preceding. When Channel Mileage is computed between wire centers in different pricing zones, the rates of the higher rate pricing zone shall apply.

Multiplexing - The rates for multiplexing will be determined by the billing location of the multiplexing arrangement.

- (1) DS3X12 is discontinued and no longer available in this publication.
- (2) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (3) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.14 DS1 High Capacity Service Optional Pricing Plan⁽¹⁾⁽²⁾⁽³⁾****(A) Description**

DS1 High Capacity⁽⁴⁾ Service Optional Pricing Plan (DS1 OPP) offers the customer discounted rates for DS1 High Capacity Service⁽⁴⁾ when certain requirements are met: (N) (N)

- Applies to DS1⁽⁴⁾ Services only (N)
- A term length commitment
- Base period or interim base period volumes
- A minimum volume commitment
- Excludes Fiber AdvantageSM DS1 Service⁽⁴⁾ (N)

A customer's subscription to DS1 OPP services shall apply to all of the customer's DS1⁽⁴⁾ High Capacity services (N) regardless of the number of separate billing accounts established for such services.

When ordering DS1 OPP, the customer shall select a DS1 OPP term length of 3, 4, or 5 years. During the term, the customer may elect to increase the term or volume of the plan without any Termination Liability, provided there is no lapse of time between the effective date of the increase and the termination of the previously effective volume or discount choice.

The new term length begins on the same start day as the term length it replaces. There will be no retroactive adjustments of a discount due to a customer-initiated change in term or volume commitment.

- (1) Effective May 17, 2003, The DS1 High Capacity Service (1.544 Mbps) Optional Pricing Plan (OPP) will no longer be available to new customers. There will be no change to existing customers.
- (2) At the end of the grandfathered DS1 High Capacity Service OPP term, the customer may choose a new DS1 Term Payment Plan with the prices in effect at that time. If the customer elects not to establish a new DS1 TPP, the service will be billed the guidebook month-to-month rates in effect at the time the grandfathered DS1 High Capacity Service OPP term expires.
- (3) Conversion of an existing DS1 High Capacity Service OPP may be made to a new DS1 Term Payment Plan (TPP) term. If the expiration date for the new DS1 TPP term is beyond the expiration of the original DS1 High Capacity Service OPP term, no other charges from the original plan will apply. Access Order charges associated with conversion to new DS1 TPPs will be waived. Refer to DS1 Term Payment Plan 7.4.18 following for all DS1 TPP terms and conditions.
- (4) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.14 DS1⁽¹⁾ High Capacity Service Optional Pricing Plan (Cont'd) (N)

(F) Plan Changes

A customer may increase its volume and/or term by notifying the Telephone Company not later than 30 days prior to the beginning of a new performance period.

A customer may cancel or change its subscription to the DS1 OPP without incurring any termination liability by delivering written notice to the Telephone Company of the cancellation or change up until 60 days after the close of the first performance period.

A customer may terminate its subscription to DS1 OPP by providing the Telephone Company at least 30 days written notice of termination. No discount shall apply during the performance period in which the termination date occurs. In the event that the termination date occurs before two-thirds of the term period has passed, the customer shall pay to the Telephone Company a termination charge equal to the sum of the recurring charge discounts received by the customer under DS1 OPP during the four performance periods immediately preceding termination.

7.4.15 DS3⁽¹⁾ Leaseback

(N)

DS3 Leaseback is an option available to customers of Fiber AdvantageSM DS3 Special Access Service who allow the Telephone Company use of their channel terminations for the provision of any type of Special Access High Capacity DS1 channel terminations. With DS3 Leaseback, the Telephone Company will provide a credit to the customer of the Fiber AdvantageSM DS3 Special Access Service for the use of their DS3 channel termination and associated DS3 to DS1 multiplexer. The Telephone Company will bill the customer of the DS1 service for a DS1 Channel Termination provided over the DS3 service.

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 DS1 Discount Value Plan (DS1-DVP)⁽¹⁾ (Cont'd)

(B) Services Available under DS1-DVP

The following recurring rate elements are included in DS1-DVP and are described in 7.2 (Basic Service Description) :

<u>Rate Element</u>	<u>USOC</u>	
- DS1 ⁽²⁾ High Capacity Channel Termination	(TMECS)	(N)
- DS1 ⁽²⁾ High Capacity Channel Mileage (Fixed and Per Mile)	(1L5XX)	
- DS1 ⁽²⁾ High Capacity Multiplexing	(MQ1/MQ2)	
- DS1 ⁽²⁾ Collocation Transport Inter/Intra Office (Fixed and Per Mile)	(1H48S)	(N)

(1) Effective May 17, 2003, The DS1 Discount Value Plan (DS1-DVP) will no longer be available to new customers. There will be no change to existing customers. Refer to section 7.4.17(A) for conversion options.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 DS1 Discount Value Plan (DS1-DVP) (Cont'd)

(C) Terms and Conditions (Cont'd)

(2) Upgrades of DS1-DVP Circuits to Other Services

A customer may upgrade DS1-DVP circuits to DS1/DS3 Fiber AdvantageSM ⁽²⁾ Service, SONET Ring and Access Services⁽¹⁾ without termination liability provided that:

- (a) the customer identifies the DS1-DVP circuits being moved;
- (b) the DS1-DVP circuits are being moved to a new service;
- (c) the due date to disconnect the DS1-DVP and the due date to connect the new service are the same;
- (d) the billed recurring revenue for the new service is equal to or greater than the billed recurring revenue remaining in the DS1-DVP service being converted;
- (e) the term length of the new service is equal to or greater than the number of months remaining in the DS1-DVP being replaced; and
- (f) the new service is provided between the same customer locations and with the same customer of record as the disconnected service.

(N)

(1) Effective January 3, 2006, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 DS1 Discount Value Plan (DS1-DVP) (Cont'd)

(C) Terms and Conditions (Cont'd)

(3) Nonrecurring Charges

All applicable nonrecurring charges as set forth in Part 2, Section 5 of this Guidebook and Section 5 of Pacific Bell Telephone Company's F.C.C. Tariff No. 1, paragraph 7.4.1(C) of this Section and/or Section 13 of Pacific Bell Telephone Company's F.C.C. Tariff No. 1 will apply.

The Access Order Charge will be waived when a customer's initial order for DS1-DVP moves existing DS1⁽¹⁾ or DS1 OPP service to DS1-DVP prior to December 31, 1999 and meets all the criteria listed in Section 7.4.17(E). The Access Order Charge will be waived once per customer - subsequent orders will incur all applicable nonrecurring charges, including the Access Order Charge. (N)

For example: If a customer places an order to move or convert DS1⁽¹⁾ High Capacity circuit(s) or DS1 OPP circuit(s) to DS1-DVP on June 25, 1999, then the Access Order Charge will be waived. If the same customer places a subsequent order to add more DS1⁽¹⁾ circuit(s) to DS1-DVP, then all applicable nonrecurring charges will apply. (N)

The nonrecurring charges cannot be included in the calculation of the MMRC.

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.17 DS1 Discount Value Plan (DS1-DVP) (Cont'd)

(E) Conversion of Existing DS1⁽¹⁾ or DS1 OPP Services to DS1-DVP (N)

A customer may convert existing DS1⁽¹⁾ High Capacity service or existing DS1 OPP service to DS1-DVP. If the customer's initial DS1-DVP order is placed by December 31, 1999 to convert DS1⁽¹⁾ High Capacity service or DS1 OPP service to DS1-DVP and meets the following criteria, then all Access Order Charges will be waived as specified in paragraph 7.4.17(C) (3). Any subsequent DS1-DVP orders placed by the same customer will incur all applicable nonrecurring charges. DS1 Fiber Advantage^{SM(1)} Service may not convert to DS1-DVP. (N)

- (1) the customer must provide the Telephone Company with written notice to change by August 25, 1999; (N)
- (2) the disconnect due date of the DS1⁽¹⁾ High Capacity Service or DS1 OPP Service and the connect due date of the DS1-DVP must be the same date; (N)
- (3) customers must change all DS1⁽¹⁾ rate elements associated with the circuits over to DS1-DVP; (N)
- (4) the converted service must be provided between the same customer locations and with the same customer of record as the disconnected service; (N)
- (5) the DS1 OPP service being disconnected must change service to a DS1-DVP that is greater than or equal to the number of months remaining in the current DS1 OPP term; and (N)
- (6) the new DS1-DVP service must have billed revenue greater than or equal to the DS1⁽¹⁾ or DS1 OPP service being disconnected. (N)

Any conversion requested after August 25, 1999 will incur all applicable Access Order Charges.

(1) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.18 DS1 Term Payment Plan⁽²⁾⁽³⁾⁽⁴⁾ (DS1 TPP)**

(N)

(A) General Description

For Term Payment Plans beginning prior to November 25th, 2019:

The DS1 Term Payment Plan (DS1 TPP) is a term plan that allows a customer to purchase DS1 High Capacity Service over a 1, 2, 3, 5 or 7 year period.⁽¹⁾⁽²⁾ During the term of the selected DS1 TPP, Telephone Company initiated recurring rate changes (increases or decreases) will automatically be applied to the monthly payments for the remaining months of the current DS1 TPP term. The monthly recurring rate during the DS1 TPP term will never exceed the initial DS1 TPP rate. The DS1 TPP rates can be found in Part 14, Section 31, paragraph 31.5.2.9.1.

For Term Payment Plans beginning on or after November 25th, 2019:

New Term Payment Plan customers will be required to pay the lower of (1) the guidebook Term Payment Plan rates in effect at the time of billing; or (2) 120% of the initial rate in the first year of the contract; 144% in the second year of the contract, and 173% in the third year of the contract.

The DS1 TPP cannot be combined with other guidebook services, discounts, or pricing flexibility contracts, unless explicitly stated in the respective guidebook terms and conditions.

The following recurring rate elements are included in the DS1 TPP:

- DS1 High Capacity Service Channel Termination; refer to Section 7.2 for description
- DS1 High Capacity Service Channel Mileage - Fixed and Per Mile; refer to Section 7.2 for description
- DS1 High Capacity Service Central Office Multiplexing; refer to Section 7.2 for description
- DS1 High Capacity Service Collocation Transport (Fixed and Per Mile); refer to section 7.1 for a description

(1) Effective on September 13, 2017, DS1 TPP 5- and 7-year Payment Plans are no longer available, including for any otherwise available conversions. Circuits already subject to a DS1 TPP 5- or 7-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current DS1 TPP 5- or 7-year Payment Plan term for the remainder of that term.

(2) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM 3-year terms for the remainder of the applicable term.

(3) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

(4) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.18 DS1 Term Payment Plan (DS1 TPP) (Cont'd) ^{(1) (2) (3)}**

(N)

(B) Conversion of service to a new DS1 TPP or Higher Speed Service

During a customer's DS1 TPP term, conversion may be made to a new DS1 TPP term of the same or different length or an upgrade may be made to a higher speed service, if the expiration date for the new DS1 TPP term or for the new higher service is beyond the expiration of the original DS1 TPP term. The new DS1 TPP term or higher speed service must occur between the same two termination points as the original DS1 service being converted. The new DS1 TPP term or the higher speed service term becomes effective upon completion of the conversion activity. The rates, terms, and conditions applicable for the new DS1 TPP term or higher speed service will be those in effect at the time the conversion is requested. Credit for months under the previous DS1 TPP may not be transferred to the new DS1 TPP or to the higher speed service term. When all conditions described above are met, termination liability for the remaining months on the original DS1 TPP will not apply.

- (1) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM 3-year terms for the remainder of the applicable term.
- (2) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (3) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.18 DS1 Term Payment Plan (DS1 TPP) ⁽¹⁾⁽²⁾⁽³⁾ (Cont'd)**

(N)

(C) Moves

During a DS1 TPP term a customer may move one end of a DS1 High Capacity Service to another location in the same LATA and keep the DS1 TPP in force provided the following requirements are met:

- (1) the customer must have met the minimum in-service period at the previous location and will be subject to a new minimum in-service period at the new location; and
- (2) the Move is accommodated on a single customer order with the stipulation that the BAN (Billing Account Number), the NC (Network Channel Code), ACTL (Access Customer Terminal Location) and the ECCKT (Circuit Id) are provided and are the same as for the existing circuit being moved.

Moves to a different wire center may result in a change in the application of the rate elements associated with the service and therefore could result in a change in the monthly recurring charges.

EXAMPLE #1: One end of a DS1 is changed from Location A to Location B within the same LATA. The new Channel Mileage associated with the one-ended Move increased by 2 miles. Therefore, the resulting Channel Mileage calculation increases the monthly recurring charge accordingly.

EXAMPLE #2: One end of a DS1 is changed from Location C to Location D within the same LATA. The new Channel Mileage associated with the one-ended Move decreased by 5 miles. Therefore, the resulting Channel Mileage calculation decreases the monthly recurring charge accordingly.

If no lapse in service occurs and if the requirements in (1) and (2) as stated previously are met, termination liability will not apply. Nonrecurring Channel Termination Charges or Nonrecurring Collocation Transport Charges and Access Order Charges for the physical move will apply.

- (1) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM 3-year terms for the remainder of the applicable term.
- (2) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 DS1 Term Payment Plan (DS1 TPP) ^{(3) (4) (5)} (Cont'd)

(N)

(D) Expiration of DS1 TPP Term Options

The DS1 TPP is not available for renewal. At the expiration of the DS1 TPP term, the customer may select a new DS1 TPP term at the prevailing DS1 TPP rates. If a customer does not wish to purchase a new DS1 TPP at the expiration of the term, the customer's service will automatically convert to the current month-to-month rates.

(E) DS1 High Capacity Service Portability Commitment ⁽²⁾

DS1 High Capacity Service Portability Commitment (Portability Commitment) ⁽²⁾ provides a customer the ability to establish a regional volume commitment in the form of DS1 Channel Terminations and receive a waiver on DS1 TPP Termination Liability, as described in 7.4.18(G), during the life of the Portability Commitment ⁽²⁾. The Portability Commitment ⁽²⁾ will consist of a Commitment Level (CL), as described below, and will have a term of three years. The Portability Commitment ⁽²⁾ does not otherwise affect the rates, terms, or conditions of the Customer's DS1 TPP. Only Portability Commitments ⁽²⁾ established prior to August 30, 2016, may be renewed. To renew, the Customer must notify the Telephone Company, in writing, with such notice directed to both the Customer's account manager and the access service center, and specifically identify the Customer's Commitment Level (as defined herein), prior to the expiration of the Customer's existing Portability Commitment ⁽²⁾ term.

For a Portability Commitment ⁽²⁾ under Section 7.4.18(E) (1), Customers may purchase DS1 service under DS1 TPP terms of 2, 3, 5 or 7 years ^{(1) (3)} and have the associated Channel Terminations count towards the Portability Commitment ⁽²⁾ CL. After establishing the CL, Customer may continue to purchase DS1 service on a month-to-month arrangement or under a DS1 TPP of 1, 2, 3, 5 or 7 years ⁽¹⁾ without portability and have the associated Channel Terminations not count toward the Customer's portability CL.

⁽¹⁾ Effective on September 13, 2017, DS1 TPP 5- and 7-year Payment Plans are no longer available, including for any otherwise available conversions. Circuits already subject to a DS1 TPP 5- or 7-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current DS1 TPP 5- or 7-year Payment Plan term for the remainder of that term.

⁽²⁾ Effective on October 30, 2020, new DS1 High Capacity Service Portability Commitments will no longer be available for purchase by new or existing customers, and existing Portability Commitments may no longer be renewed.

⁽³⁾ Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

⁽⁴⁾ Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

⁽⁵⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 DS1 Term Payment Plan (DS1 TPP) ^{(3) (4) (5)} (Cont'd)

(N)

(E) DS1 High Capacity Service Portability Commitment⁽²⁾ (Cont'd)

For a Portability Commitment⁽²⁾ under Section 7.4.18(E) (2), Customers may purchase DS1 service under DS1 TPP terms of 1, 2, 3, 5 or 7 years^{(1) (3) (4)} or on a month-to-month basis and have the associated Channel Terminations count towards the CL.

Access Order Charges and all installation charges will be billed as applicable.

(1) For Portability Commitments⁽²⁾ established **prior** to August 30, 2016, the terms and conditions associated with the Portability Commitment⁽²⁾ are as follows:

- (a) Customer commits to a 3-Year Commitment Level (CL) that is reviewed on a monthly basis. The initial monthly CL is calculated by the Telephone Company and is the total of all DS1 Channel Terminations in-service for the month previous to the month in which the Customer notifies the Telephone Company, in writing, of the Customer's CL. The initial monthly CL will consist of all Channel Terminations including those on Month-to-Month terms and other term pricing plans. The effective date of the Portability Commitment⁽²⁾ will be the first day of the month immediately following the month in which the Portability Commitment⁽²⁾ is signed;
- (b) Customer must have a minimum of 40 Channel Terminations in-service each month and at least 80% of the CL under a 2, 3, 5 or 7 year DS1 TPP each month;
- (c) At the commencement of the Customer's Portability Commitment⁽²⁾ and upon any renewal of a portability Commitment⁽²⁾, at least 80 percent of the Customer's CL must be purchased under a 2, 3, 5 or 7 year DS1 TPP; and

⁽¹⁾ Effective on September 13, 2017, DS1 TPP 5- and 7-year Payment Plans are no longer available, including for any otherwise available conversions. Circuits already subject to a DS1 TPP 5- or 7-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current DS1 TPP 5- or 7-year Payment Plan term for the remainder of that term.

⁽²⁾ Effective on October 30, 2020, new DS1 High Capacity Service Portability Commitments will no longer be available for purchase by new or existing customers, and existing Portability Commitments may no longer be renewed.

⁽³⁾ Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

⁽⁴⁾ Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

⁽⁵⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 DS1 Term Payment Plan (DS1 TPP) ^{(2) (3) (4)} (Cont'd)

(N)

(E) DS1 High Capacity Service Portability Commitment⁽¹⁾ (Cont'd)

(1) For Portability Commitments⁽¹⁾ established **prior** to August 30, 2016, the terms and conditions associated with the Portability Commitment⁽¹⁾ are as follows:

(d) Each month, the total number of 2, 3, 5 and 7-year DS1 TPP Channel Terminations for the previous month will be calculated and measured against the corresponding monthly CL;

(i) If the total number of Channel Terminations, as calculated above, is 80% - 124% of the CL, no other charges will apply for the previous month.

(ii) If the total number of Channel Terminations, as calculated above, is less than 80% of the CL, charges will be assessed as follows:

Customer will be billed the difference between 80% of the CL and the actual number of in-service Channel Terminations.

EXAMPLE #1: Customer A has a CL = 1,000 Channel Terminations for the month of June. Customer A must have at least 800 DS1 Channel Terminations in-service to meet the 80% target. In July, the monthly review calculated 795 DS1 Channel Terminations in-service for the month of June. The difference between 80% of the CL (800) and the actual in-service total (795) is 5 Channel Terminations. Therefore, the customer will be billed an amount equal to 5 Channel Terminations multiplied by the lowest available Price Cap Zone 1 Channel Termination rate, as set forth in Part 14, Section 13, paragraph 31.5.2.9(I). For subsequent months, Customer A will continue to be billed an amount equal to the difference between 80% of the CL and the actual in-service number of Channel Terminations that are below 80% of the CL (multiplied) by the lowest available Price Cap Zone 1 Channel Termination rate, as set forth in Part 14, Section 13, paragraph 31.5.2.9(I), until 80% of the CL is met.

⁽¹⁾ Effective on October 30, 2020, new DS1 High Capacity Service Portability Commitments will no longer be available for purchase by new or existing customers, and existing Portability Commitments may no longer be renewed.

⁽²⁾ Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

⁽³⁾ Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.18 DS1 Term Payment Plan (DS1 TPP) ^{(2) (3) (4)} (Cont'd)**

(N)

**(E) DS1 High Capacity Service Portability Commitment⁽¹⁾
(Cont'd)**

(1) For Portability Commitments⁽¹⁾ established **prior** to August 30, 2016, the terms and conditions associated with the Portability Commitment⁽¹⁾ are as follows:
(Cont'd)

(d) Each month, the total number of 2, 3, 5 and 7 year DS1 TPP Channel Terminations for the previous month will be calculated and measured against the corresponding monthly CL; (Cont'd)

(iii) If the total number of in-service Channel Terminations, as calculated above, is more than 124% of the PC, the Customer will be billed an adjustment factor equal to the Nonrecurring Channel Termination charge multiplied by the difference between the actual number of Channel Terminations in-service and 124% of the CL.

EXAMPLE #2: Customer B has a CL of 500 Channel Terminations. In month 5 of the commitment, Customer B has 650 Channel Terminations in-service. Customer B has exceeded the CL by more than the 124% threshold (620). Customer B will be charged an adjustment factor equal to 30 Channel Terminations (650-620) multiplied by the current Nonrecurring Channel Termination rate. For subsequent months, Customer B will continue to be charged the Nonrecurring Channel Termination rate multiplied by the difference between the actual number of Channel Terminations in-service and 124% of the CL until Customer B no longer exceeds the CL by the 124% threshold.

⁽¹⁾ Effective on October 30, 2020, new DS1 High Capacity Service Portability Commitments will no longer be available for purchase by new or existing customers, and existing Portability Commitments may no longer be renewed.

⁽²⁾ Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

⁽³⁾ Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 DS1 Term Payment Plan (DS1 TPP) ⁽²⁾⁽³⁾⁽⁴⁾ (Cont'd)

(N)

(E) DS1 High Capacity Service Portability Commitment⁽¹⁾
(Cont'd)

(1) For Portability Commitments⁽¹⁾ established **prior** to August 30, 2016, the terms and conditions associated with the Portability Commitment⁽¹⁾ are as follows:
(Cont'd)

(d) Each month, the total number of 2, 3, 5 and 7 year DS1 TPP Channel Terminations for the previous month will be calculated and measured against the corresponding monthly CL; (Cont'd)

(iv) Customers may increase the CL at any time by providing written notification to Telephone Company. Credits for previously charged adjustments billed for exceeding the CL will not be provided when a Customer increases the CL. However, an adjustment factor will not be billed if notice to increase the CL is provided to the Telephone Company within the calendar month following a reported adjustment, and the CL increase is sufficient that the number of in-service rate elements does not exceed 124% of the new CL. For instance, in Example #2 above, if the Customer increases the CL from 500 to 525 before the end of month 6, the adjustment factor applicable to month 5 will not be billed because the actual in-service volume (650) is less than or equal to the new 124% threshold (651).

⁽¹⁾ Effective on October 30, 2020, new DS1 High Capacity Service Portability Commitments will no longer be available for purchase by new or existing customers, and existing Portability Commitments may no longer be renewed.

⁽²⁾ Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

⁽³⁾ Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 DS1 Term Payment Plan (DS1 TPP) ⁽²⁾ ⁽³⁾ ⁽⁴⁾ (Cont'd)

(N)

(E) DS1 High Capacity Service Portability Commitment⁽¹⁾ (Cont'd)

(1) For Portability Commitments⁽¹⁾ established **prior** to August 30, 2016, the terms and conditions associated with the Portability Commitment⁽¹⁾ are as follows: (Cont'd)

(d) Each month, the total number of 2, 3, 5 and 7 year DS1 TPP Channel Terminations for the previous month will be calculated and measured against the corresponding monthly CL; (Cont'd)

(v) If the customer elects to terminate the DS1 High Capacity Service Portability Commitment⁽¹⁾ or elects to decrease the CL prior to the 3-Year commitment, Termination Liabilities will apply. Termination Liability is calculated as the decreased number of Channel Terminations multiplied by the lowest available Price Cap Zone 1 Channel Termination rate, as set forth in Part 14, Section 31, paragraph 31.5.2.9(I), multiplied by the number of months remaining in the term of the Portability Commitment⁽¹⁾.

EXAMPLE #3: Customer C has a CL equal to 1,000 Channel Terminations. In month 10 of the 36-month Portability Commitment⁽¹⁾, Customer C elects to decrease the CL by 50 Channel Terminations. The Termination Liability associated with the decrease is equal to:

(50 Channel Terminations) X (26 months remaining) X (Lowest available Price Cap Zone 1 Channel Termination rate)

EXAMPLE #4: Customer D has a CL equal to 500 Channel Terminations. In month 20 of the 36-month Portability Commitment⁽¹⁾, Customer D elects to terminate the entire Portability Commitment⁽¹⁾. The Termination Liability associated with the termination of the entire Commitment is equal to:

(500 Channel Terminations) X (16 months remaining) X (Lowest available Price Cap Zone 1 Channel Termination rate)

⁽¹⁾ Effective on October 30, 2020, new DS1 High Capacity Service Portability Commitments will no longer be available for purchase by new or existing customers, and existing Portability Commitments may no longer be renewed.

⁽²⁾ Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

⁽³⁾ Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

(4) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.18 DS1 Term Payment Plan (DS1 TPP) ^{(2) (3) (4)} (Cont'd)**

(N)

**(E) DS1 High Capacity Service Portability Commitment⁽¹⁾
(Cont'd)**

(2) For Portability Commitments⁽¹⁾ established **on or after August 30, 2016, the terms and conditions associated with the Portability Commitment⁽¹⁾ are as follows:**

(a) Customer commits to a 3-Year Commitment Level (CL) that is reviewed on a monthly basis by the Telephone Company. To begin the process of establishing a Portability Commitment⁽¹⁾, Customer must request from the Telephone Company a list of DS1 circuits with Channel Terminations for all of the ACNAs of Customer and any entities that are then affiliated companies of Customer. Customer must designate from the provided list which DS1 circuits with Channel Terminations are to be included in, and which are to be excluded from, its Portability Commitment⁽¹⁾ and return the list with those designations to the Telephone Company. Failure to provide a designation for a listed circuit will be deemed to be a designation that such circuit is to be excluded from its Portability Commitment⁽¹⁾.

Only those DS1 circuits with Channel Terminations that are designated as being included ("Designated DS1s") will be subject to the Portability Commitment⁽¹⁾.

The Customer's initial monthly CL is the total number of Channel Termination associated with Designated DS1s.

The effective date of the Portability Commitment⁽¹⁾ will be the first day of the month immediately following the month in which the Portability Commitment⁽¹⁾ is signed.

(b) Customer must commit a minimum of 100 DS1 circuits with Channel Terminations to establish a Portability Commitment⁽¹⁾.

⁽¹⁾ Effective on October 30, 2020, new DS1 High Capacity Service Portability Commitments will no longer be available for purchase by new or existing customers, and existing Portability Commitments may no longer be renewed.

⁽²⁾ Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

⁽³⁾ Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 DS1 Term Payment Plan (DS1 TPP) ^{(2) (3) (4)} (Cont'd)

(N)

(E) DS1 High Capacity Service Portability Commitment⁽¹⁾ (Cont'd)

(2) For Portability Commitments⁽¹⁾ established **on or after** August 30, 2016, the terms and conditions associated with the Portability Commitment⁽¹⁾ are as follows: (Cont'd)

- (c) Customer, including all of its ACNAs and Affiliates, may be subject to only one Portability Commitment⁽¹⁾ for the operating territory of the Telephone Company. An "Affiliate," as that term is used in connection with the Portability Commitment⁽¹⁾, is a person that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person. For purposes of the prior sentence, "own" means to own an equity interest (or the equivalent thereof) of more than 10 percent.
- (d) Designated DS1s that are disconnected during the term of the Portability Commitment⁽¹⁾ will not incur Termination Liability charges.
- (e) Circuits which are not included in the Portability Commitment⁽¹⁾ by Customer in the initial designation, as described in paragraph 7.4.18(E)(2)(a), or ordered under the DS1 TPP on or after August 30, 2016 without being designated for the Portability Commitment⁽¹⁾, may not be added to the Portability Commitment⁽¹⁾ for the duration of the Portability Commitment⁽¹⁾ term.
- (f) Customer may add additional DS1 circuits with Channel Terminations to the Portability Commitment⁽¹⁾ during the term of the Portability Commitment⁽¹⁾ only when initially ordering such DS1 circuit. A DS1 circuit with a Channel Termination that is so added, will be considered a Designated DS1.
- (g) Any Designated DS1 with an expired term plan that is subject to month-to-month rates will continue to count toward Customer's CL.

⁽¹⁾ Effective on October 30, 2020, new DS1 High Capacity Service Portability Commitments will no longer be available for purchase by new or existing customers, and existing Portability Commitments may no longer be renewed.

Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

⁽²⁾ See Page 116 for Service availability.

⁽³⁾ Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.18 DS1 Term Payment Plan (DS1 TPP) ⁽²⁾⁽³⁾⁽⁴⁾ (Cont'd)**

(N)

**(E) DS1 High Capacity Service Portability Commitment⁽¹⁾
(Cont'd)**

(2) For Portability Commitments⁽¹⁾ established **on or after** August 30, 2016, the terms and conditions associated with the Portability Commitment⁽¹⁾ are as follows:
(Cont'd)

(h) During the monthly review of Customer's Designated DS1s and its CL, the Telephone Company will determine whether Customer met, did not meet, or exceeded its CL on the last day of the month being reviewed.

If Customer did not meet its CL, Customer will be billed a charge for each Channel Termination below its CL equal to the lowest available Price Cap Zone 1 Channel Termination rate, as set forth in Part 14, Section 13, paragraph 31.5.2.9(I), on such last day of the month.

Example: Customer's CL is 100 Channel Terminations. At the end of the month, Customer had 90 Channel Terminations in service. Customer will be billed:

$$(100 - 90) \times (\text{Lowest available Price Cap Zone 1 Channel Termination rate})$$

If a Customer exceeds its CL by 115 percent or greater for three consecutive months, Customer's CL will be increased to ninety percent (90%) of the average number of Designated DS1s for those three months.

Example: Customer's CL is 100 Channel Terminations. For three consecutive months during the Portability Commitment⁽¹⁾ term, the Customer's Channel Termination volumes are 118, 120 and 122, for an average of 120. The Customer's new CL will be:

$$[(118+120+122) / (3)] \times (90\%) = 108$$

⁽¹⁾ Effective on October 30, 2020, new DS1 High Capacity Service Portability Commitments will no longer be available for purchase by new or existing customers, and existing Portability Commitments may no longer be renewed.

⁽²⁾ Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

⁽³⁾ Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 DS1 Term Payment Plan (DS1 TPP) ⁽²⁾⁽³⁾⁽⁴⁾ (Cont'd) (N)

(E) DS1 High Capacity Service Portability Commitment⁽¹⁾
(Cont'd)

(2) For Portability Commitments⁽¹⁾ established **on or after** August 30, 2016, the terms and conditions associated with the Portability Commitment⁽¹⁾ are as follows:
(Cont'd)

(i) If Customer elects to decrease the CL prior to expiration of the 3-Year commitment, a buy-down charge will apply. The buy-down charge is calculated as the number by which the CL is decreased multiplied by the lowest available Price Cap Zone 1 Channel Termination rate, as set forth in Part 14, Section 13, paragraph 31.5.2.9(I), on the date of the buy-down multiplied by the number of months remaining in the term of the Portability Commitment⁽¹⁾.

Example: Customer C has a CL equal to 1,000 Channel Terminations. In month 10 of the 36-month Portability Commitment⁽¹⁾, Customer C elects to decrease the CL by 50 Channel Terminations. The buy-down charge associated with the decrease is equal to:

(50 Channel Terminations) X (Lowest available Price Cap Zone 1 Channel Termination rate) X (26 months remaining) = Buy-down Charge

⁽¹⁾ Effective on October 30, 2020, new DS1 High Capacity Service Portability Commitments will no longer be available for purchase by new or existing customers, and existing Portability Commitments may no longer be renewed.

⁽²⁾ Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

⁽³⁾ Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE**7. Special Access Service (Cont'd)****7.4 Rate Regulations (Cont'd)****7.4.18 DS1 Term Payment Plan (DS1 TPP) ⁽²⁾⁽³⁾⁽⁴⁾ (Cont'd)**

(N)

(F) Applicable One-Time Charges**(1) Access Order Charge**

Access Order Charges will apply, as described in Part 2, Section 5, paragraph 5.4.2, to all order activity. An Access Order charge will apply on any changes made to a plan (e.g., moving from a 3 year to a 7-year plan, on physical moves of DS1 High Capacity Services, and new installations) as applicable.

(2) DS1 Term Payment Plan Non-Recurring Charges

Nonrecurring channel termination charge will apply per channel termination on new installations of DS1 High Capacity Service on 1-year DS1 TPP term, and on all physical moves of DS1 High Capacity Services. Non-recurring channel termination charges will be waived on new installations with 2, 3, 5 and 7-year DS1 TPP terms. The Nonrecurring Channel Termination Charge will also apply, applicable as stated in 7.4.18(E) previously, for customers who have a DS1 High Capacity Service Portability Commitment⁽¹⁾.

⁽¹⁾ Effective on October 30, 2020, new DS1 High Capacity Service Portability Commitments will no longer be available for purchase by new or existing customers, and existing Portability Commitments may no longer be renewed.

⁽²⁾ Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

⁽³⁾ Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

⁽⁴⁾ See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.18 DS1 Term Payment Plan (DS1 TPP) ⁽¹⁾⁽²⁾⁽³⁾ (Cont'd)

(N)

(G) Termination Liability

Termination liability charges will apply in the following cases:

- (1) In the event service is terminated prior to the expiration of the minimum service period, charges, as specified in Part 2, Section 5, paragraphs 5.3.6 and 5.3.7 (Minimum Period and Minimum Period Charges), will apply in addition to the termination liability charges identified in 7.4.18(G) (2) following.
- (2) In the event service is terminated prior to the end of the DS1 TPP term, a termination charge utilizing the following termination percentage will apply:

Termination Billing Period Percentage: 40%

The termination charge is calculated as follows:

(Monthly Recurring Rate) X (Months remaining in DS1 TPP term) X (Termination Billing Period Percentage)

Example: A customer with a \$500 monthly rate terminates service with 10 months remaining in a 3-year DS1 TPP term. The termination liability charge would be calculated as follows:

$$(\$500) \times (10) \times (.40) = \$2000$$

- (1) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.
- (2) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.3 Services Available in an MSA

The following services are available in MSAs with Full and Limited Service Relief:

Special Access ^{/1/}
Metallic Service ^{/4/}
Telegraph Grade Service ^{/4/}
Voice Grade Service ^{/4/}
Video Service ^{/5/}
Generic Digital Transport Service ^{/4/}
- Fractional DS1 Service - 128, 256, 384, 512 and 768 kbps
High Capacity Service ^{/6/}
SONET Ring and Access Service ^{/2/}

(N)

/1/ Material in this Section has been de-tariffed pursuant to FCC Order No. 17-43, released April 28, 2017.

/2/ Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

/3/ (DELETED)

/4/ Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

/5/ Effective December 31, 2020, Analog Video Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add, or change existing service arrangements will not be accepted. AT&T currently plans to discontinue this Service on or after December 31, 2021.

/6/ See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽³⁾

(N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>1st</u>	<u>Add'l</u>
(A) Channel Termination					
- Per point of termination					
(1) 1.544 Mbps					
Zone 1	TMECS/TMELB	\$4,621.53(I)	\$900.00	\$900.00	
Zone 2	TMECS/TMELB	5,151.87(I)	900.00	900.00	
Zone 3	TMECS/TMELB	5,454.81(I)	900.00	900.00	
DS1 Fiber Advantage SM ⁽¹⁾					
Month to Month	FAMCP/FAMCL	175.00	600.00	300.00	
1 Year Plan	FAMPP/FAMPL				
3 Year Plan	FAMCP/FAMCL	135.00	600.00	300.00	
5 Year Plan	FA1+P/FA1+L				
	FAMCP/FAMCL	105.00	600.00 ⁽²⁾	300.00 ⁽²⁾	
	FA3+P/FA3+L				
	FAMCP/FAMCL	95.00	600.00 ⁽²⁾	300.00 ⁽²⁾	
	FA5+P/FA5+L				

(1) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers. Refer to Part 14, Section 7, paragraph 7.4.11(A) for conversion options.

(2) Nonrecurring charges associated with the installation of Fiber AdvantageSM Services under a 3 or 5-year term plan are waived.

(3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽²⁾ (Cont'd)

(N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Monthly Extension Rates</u>	<u>Nonrecurring Charges</u>
(A) Channel Termination (Cont'd)				
- Per point of termination (Cont'd)				
(2) Fiber Advantage SM DS3, DS3x3 and DS3x12 Monthly Extension Rates				
Fiber Advantage DS3 with Terminal Equipment				
Zone 1 Z3MAC/Z3MAP \$63,135.23(I) \$63,135.23(I) \$26,825.00				
Zone 2 Z3MAC/Z3MAP 63,135.23(I) 63,135.23(I) 31,000.00				
Zone 3 Z3MAC/Z3MAP 63,135.23(I) 63,135.23(I) 31,000.00				
Fiber Advantage DS3 without Terminal Equipment				
Zone 1 ZOMAC/ZOMAP 41,669.20(I) 41,669.20(I) 18,200.00				
Zone 2 ZOMAC/ZOMAP 41,669.20(I) 41,669.20(I) 21,150.00				
Zone 3 ZOMAC/ZOMAP 41,669.20(I) 41,669.20(I) 21,150.00				
Fiber Advantage DS3x3 with Terminal Equipment				
Zone 1 Z3MAC/Z3MAP 190,870.26(I) 190,870.26(I) 56,200.00				
Zone 2 Z3MAC/Z3MAP 190,870.26(I) 190,870.26(I) 56,200.00				
Zone 3 Z3MAC/Z3MAP 190,870.26(I) 190,870.26(I) 56,200.00				
Fiber Advantage DS3x3 without Terminal Equipment				
Zone 1 ZOMAC/ZOMAP 117,658.69(I) 117,658.69(I) 43,200.00				
Zone 2 ZOMAC/ZOMAP 117,658.69(I) 117,658.69(I) 43,200.00				
Zone 3 ZOMAC/ZOMAP 117,658.69(I) 117,658.69(I) 43,200.00				
Fiber Advantage DS3x12 with Terminal Equipment				
Zone 1 Z3MAC/Z3MAP 492,454.53(I) 0.00				
Zone 2 Z3MAC/Z3MAP 492,454.53(I) 0.00				
Zone 3 Z3MAC/Z3MAP 492,454.53(I) 0.00				
Fiber Advantage DS3x12 without Terminal Equipment				
Zone 1 ZOMAC/ZOMAP 496,242.60(I) 0.00				
Zone 2 ZOMAC/ZOMAP 496,242.60(I) 0.00				
Zone 3 ZOMAC/ZOMAP 496,242.60(I) 0.00				

(1) [DELETED]

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽³⁾ (Cont'd) (N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(A) Channel Termination (Cont'd)			
- Per point of termination (Cont'd)			
(3) Fiber Advantage SM DS3, DS3x3 and DS3x12 Rate Stability Payment Plan ⁽¹⁾			
(a) 1 Year Plan ⁽²⁾			
Fiber Advantage DS3 with Terminal Equipment			
Zone 1 Z3MAC/Z3MAP	\$14,391.89	\$2,500.00	
Zone 2 Z3MAC/Z3MAP	15,129.95	2,500.00	
Zone 3 Z3MAC/Z3MAP	15,498.96	2,500.00	
Fiber Advantage DS3 without Terminal Equipment			
Zone 1 ZOMAC/ZOMAP	12,177.73	1,500.00	
Zone 2 ZOMAC/ZOMAP	12,177.73	1,500.00	
Zone 3 ZOMAC/ZOMAP	12,177.73	1,500.00	
Fiber Advantage DS3x3 with Terminal Equipment			
Zone 1 Z3MAC/Z3MAP	34,540.56	5,500.00	
Zone 2 Z3MAC/Z3MAP	40,850.81	6,000.00	
Zone 3 Z3MAC/Z3MAP	41,847.20	6,500.00	
Fiber Advantage DS3x3 without Terminal Equipment			
Zone 1 ZOMAC/ZOMAP	29,912.99	4,000.00	
Zone 2 ZOMAC/ZOMAP	29,912.99	4,500.00	
Zone 3 ZOMAC/ZOMAP	29,912.99	5,000.00	

(1) For Pricing Plans effective on or after November 25th, 2019 see terms in section 31.4(F) of this guidebook.

(2) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

(3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽²⁾⁽⁴⁾⁽⁵⁾ (Cont'd)

(N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(A) Channel Termination (Cont'd)			
- Per point of termination (Cont'd)			
(3) Fiber Advantage SM DS3, DS3x3 and DS3x12 ⁽³⁾ Rate Stability Payment Plan ⁽¹⁾ (Cont'd)			
(b) 3 Year Plan ⁽²⁾			
Fiber Advantage DS3 with Terminal Equipment			
Zone 1	Z3MAC/Z3MAP	\$5,531.32	\$1,000.00
Zone 2	Z3MAC/Z3MAP	5,772.88	1,000.00
Zone 3	Z3MAC/Z3MAP	6,014.39	1,000.00
Fiber Advantage DS3 without Terminal Equipment			
Zone 1	ZOMAC/ZOMAP	6,038.56	750.00
Zone 2	ZOMAC/ZOMAP	6,280.10	750.00
Zone 3	ZOMAC/ZOMAP	6,521.64	750.00
Fiber Advantage DS3x3 with Terminal Equipment			
Zone 1	Z3MAC/Z3MAP	15,700.25	2,500.00
Zone 2	Z3MAC/Z3MAP	16,497.34	3,000.00
Zone 3	Z3MAC/Z3MAP	17,173.66	3,250.00
Fiber Advantage DS3x3 without Terminal Equipment			
Zone 1	ZOMAC/ZOMAP	10,627.86	2,000.00
Zone 2	ZOMAC/ZOMAP	11,110.96	2,250.00
Zone 3	ZOMAC/ZOMAP	11,594.03	2,500.00
Fiber Advantage DS3x12 ⁽³⁾ with Terminal Equipment			
Zone 1	Z3MAC/Z3MAP	43,332.68	0.00
Zone 2	Z3MAC/Z3MAP	45,216.70	0.00
Zone 3	Z3MAC/Z3MAP	47,100.72	6,000.00
Fiber Advantage DS3x12 ⁽³⁾ without Terminal Equipment			
Zone 1	ZOMAC/ZOMAP	37,680.60	0.00
Zone 2	ZOMAC/ZOMAP	38,886.91	0.00
Zone 3	ZOMAC/ZOMAP	40,096.00	5,000.00

(1) For Pricing Plans effective on or after November 25th, 2019 see terms in section 31.4(F) of this guidebook.

(2) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

(3) DS3X12 is discontinued and no longer available in this publication.

(4) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

(5) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽³⁾ (Cont'd)

(N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges⁽¹⁾</u>
(A) Channel Termination (Cont'd)			
- Per point of termination (Cont'd)			
(3) Fiber Advantage SM DS3, DS3x3 and DS3x12 Rate Stability Payment Plan (Cont'd)			
(c) 5 Year Plan ⁽²⁾			
Fiber Advantage DS3 with Terminal Equipment			
Zone 1	Z3MAC/Z3MAP	\$970.00	\$2,500.00
Zone 2	Z3MAC/Z3MAP	990.00	3,000.00
Zone 3	Z3MAC/Z3MAP	1,010.00	3,500.00
Fiber Advantage DS3 without Terminal Equipment			
Zone 1	ZOMAC/ZOMAP	1,000.00	1,500.00
Zone 2	ZOMAC/ZOMAP	1,100.00	2,000.00
Zone 3	ZOMAC/ZOMAP	1,150.00	2,500.00
Fiber Advantage DS3x3 with Terminal Equipment			
Zone 1	Z3MAC/Z3MAP	2,390.00	4,500.00
Zone 2	Z3MAC/Z3MAP	2,828.75	5,500.00
Zone 3	Z3MAC/Z3MAP	2,888.75	6,500.00
Fiber Advantage DS3x3 without Terminal Equipment			
Zone 1	ZOMAC/ZOMAP	1,500.00	3,000.00
Zone 2	ZOMAC/ZOMAP	1,600.00	4,000.00
Zone 3	ZOMAC/ZOMAP	1,700.00	5,000.00
Fiber Advantage DS3x12 with Terminal Equipment			
Zone 1	Z3MAC/Z3MAP	7,200.00	7,000.00
Zone 2	Z3MAC/Z3MAP	8,500.00	9,000.00
Zone 3	Z3MAC/Z3MAP	8,900.00	12,000.00
Fiber Advantage DS3x12 without Terminal Equipment			
Zone 1	ZOMAC/ZOMAP	5,800.00	6,000.00
Zone 2	ZOMAC/ZOMAP	6,100.00	8,000.00
Zone 3	ZOMAC/ZOMAP	6,500.00	10,000.00

(1) Nonrecurring charges associated with the installation of Fiber Advantage Service under a 5-year Rate Stability Plan are waived.

(2) Effective on September 13, 2017, Fiber Advantage DS3 Rate Stability 5-year Payment Plans are no longer available, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a Fiber Advantage DS3 Rate Stability 5-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current Fiber Advantage DS3 Rate Stability 5-year Payment Plan term for the remainder of that term.

(3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽⁴⁾ (Cont'd)

(N)

		<u>USOC</u>	Monthly Rates	
			<u>Fixed</u>	<u>Per Mile</u>
(B) Channel Mileage ⁽¹⁾				
(1) 1.544 Mbps				
Zone 1	0	1L5XX/1L5	None	None
	Over 0	1L5XX/1L5	\$1,578.36(I)	\$322.10(I)
Zone 2	0	1L5XX/1L5	None	None
	Over 0	1L5XX/1L5	1,704.69(I)	347.40(I)
Zone 3	0	1L5XX/1L5	None	None
	Over 0	1L5XX/1L5	1,894.10(I)	372.65(I)
Fiber Advantage ^{SM(2)}				
	0	1L5XX/1L5	None	None
	Over 0	1L5XX/1L5	50.00	10.00
(2) 44.736 Mbps		<u>USOC</u>	Monthly Rates ⁽³⁾	
Zone 1	0	1L5XX	<u>Fixed</u>	<u>Per Mile</u>
	Over 0	1L5XX	None	None
Zone 2	0	1L5XX	10,522.64(I)	651.66(I)
	Over 0	1L5XX	None	None
Zone 3	0	1L5XX	11,574.79(I)	862.83(I)
	Over 0	1L5XX	None	None
			12,627.04(I)	862.83(I)
Zone 1	0	1L5XX	Monthly Extension Rates	
	Over 0	1L5XX	<u>Fixed</u>	<u>Per Mile</u>
Zone 2	0	1L5XX	None	None
	Over 0	1L5XX	10,522.64(I)	651.66(I)
Zone 3	0	1L5XX	None	None
	Over 0	1L5XX	11,574.79(I)	862.83(I)
			None	None
			12,627.04(I)	862.83(I)

- (1) When the customer orders High Capacity Service as previously described in Part 14, Section 7, paragraph 7.2.9(A), the Channel Mileage facility must be ordered in conjunction with an associated Channel Termination, as previously described in Part 14, Section 7, paragraph 7.1.2(A).
- (2) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers. Refer to Part 14, Section 7, paragraph 7.4.11(A) for conversion options.
- (3) This option will no longer be available for new circuits provisioned on or after, November 21, 2003. There will be no change to existing circuits.
- (4) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽⁶⁾ (Cont'd)

(N)

		USOC	1 Year Rates ^{(3) (5)}	
			Fixed	Per Mile
(B)	Channel Mileage ⁽¹⁾ (Cont'd)			
(2)	44.736 Mbps (Cont'd)			
Zone 1	0	1L5XX	None	None
	Over 0	1L5XX	\$2,828.02	\$131.06
Zone 2	0	1L5XX	None	None
	Over 0	1L5XX	2,896.99	148.30
Zone 3	0	1L5XX	None	None
	Over 0	1L5XX	3,069.44	165.54
			3 Year Rates ^{(3) (4)}	
Zone 1	0	1L5XX	None	None
	Over 0	1L5XX	1,828.50	83.54
Zone 2	0	1L5XX	None	None
	Over 0	1L5XX	1,873.64	94.80
Zone 3	0	1L5XX	None	None
	Over 0	1L5XX	1,986.50	108.35
			5 Year Rates ⁽²⁾	
Zone 1	0	1L5XX	None	None
	Over 0	1L5XX	400.00	17.50
Zone 2	0	1L5XX	None	None
	Over 0	1L5XX	410.00	20.00
Zone 3	0	1L5XX	None	None
	Over 0	1L5XX	435.00	22.50

- (1) When the customer orders High Capacity Service as previously described in Part 14, Section 7, paragraph 7.2.9(A), the Channel Mileage facility must be ordered in conjunction with an associated Channel Termination, as previously described in Part 14, Section 7, paragraph 7.1.2(A).
- (2) Effective on September 13, 2017, High Capacity DS3 5-year Payment Plans are no longer available, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a High Capacity DS3 5-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current High Capacity DS3 5-year Payment Plan term for the remainder of that term.
- (3) For Pricing Plans effective on or after November 25th, 2019 see terms in section 31.4(F) of this guidebook.
- (4) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.
- (5) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (6) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽⁶⁾ (Cont'd)

(N)

	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>
(C) Optional Features and Functions			
(1) Multiplexing			
DS3 to DS1 or Fiber Advantage SM DS1 ⁽¹⁾			
Option 1 ⁽²⁾			
Option 2 ⁽³⁾			
- Per arrangement			
Monthly Rate	Zone 1 MQ3/MQ4 ⁽⁵⁾	\$18,257.80(I)	None
	Zone 2 MQ3/MQ4 ⁽⁵⁾	18,856.30(I)	None
	Zone 3 MQ3/MQ4 ⁽⁵⁾	19,454.90(I)	None
Monthly Extension	Zone 1 MQ3/MQ4 ⁽⁵⁾	18,257.80(I)	None
	Zone 2 MQ3/MQ4 ⁽⁵⁾	18,856.30(I)	None
	Zone 3 MQ3/MQ4 ⁽⁵⁾	19,454.90(I)	None

(1) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers. Refer to Part 14, Section 7, paragraph 7.4.11(A) for conversion options.

(2) A channel of this DS3 can be connected to a DS1.

(3) A channel of this DS3 can be connected to a DS1 and reconfigured within the DCS hub.

(4) [DELETED]

(5) A channel(s) of this DS1 can be connected to a WATS Access Line. If this DS1 terminates in a GDTs hub, a channel(s) of the DS1 can be used to provide GDTs. GDTs service stops at the DS1 interface.

(6) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽⁸⁾ (Cont'd)

(N)

		<u>USOC</u>	Monthly Rates	Nonrecurring Charges
(C) Optional Features and Functions (Cont'd)				
(1) Multiplexing (Cont'd)				
DS3 to DS1 or Fiber Advantage SM DS1 ⁽¹⁾ (Cont'd)				
Option 1 ⁽²⁾				
Option 2 ⁽³⁾				
- Per arrangement				
1 Year ^{(5) (7)}	Zone 1	MQ3/MQ4	\$9,260.72	\$0.00
	Zone 2	MQ3/MQ4	9,580.08	0.00
	Zone 3	MQ3/MQ4	9,899.44	0.00
3 Year ^{(5) (6)}	Zone 1	MQ3/MQ4	6,009.44	0.00
	Zone 2	MQ3/MQ4	6,218.40	0.00
	Zone 3	MQ3/MQ4	6,427.36	0.00
5 Year ⁽⁴⁾	Zone 1	MQ3/MQ4	275.00	0.00
	Zone 2	MQ3/MQ4	285.00	0.00
	Zone 3	MQ3/MQ4	295.00	0.00

- (1) Effective May 17, 2003, Fiber Advantage DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to exiting customers. Refer to Part 14, Section 7, paragraph 7.4.11(A) for conversion options.
- (2) A channel of this DS3 can be connected to a DS1.
- (3) A channel of this DS3 can be connected to a DS1 and reconfigured within the DCS hub.
- (4) Effective on September 13, 2017, High Capacity DS3 5-year Payment Plans are no longer available, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a High Capacity DS3 5-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current High Capacity DS3 5-year Payment Plan term for the remainder of that term.
- (5) For Pricing Plans effective on or after November 25th, 2019 see terms in section 31.4(F) of this guidebook.
- (6) See Page 22 for service availability.
- (7) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (8) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽⁷⁾ (Cont'd)

(N)

	<u>USOC</u>	Monthly Rates	Nonrecurring Charges
(C) Optional Features and Functions (Cont'd)			
(1) Multiplexing (Cont'd)			
DS1 or Fiber Advantage SM DS1 ⁽¹⁾ to Voice/Digital ⁽²⁾⁽⁶⁾			
- Per arrangement			
Zone 1	MQ1/MQ2	\$11,431.80 (I)	None
Zone 2	MQ1/MQ2	11,847.72 (I)	None
Zone 3	MQ1/MQ2	12,263.40 (I)	None
(2) Reserved for Future Use			
(3) Transfer Arrangement			
(Key Activated ⁽³⁾ or Dial-up ⁽⁴⁾)			
- Per four port arrangement			
Including control channel			
Termination ⁽⁵⁾			
Zone 1	USV	5.66	None
Zone 2	USV	5.66	None
Zone 3	USV	5.66	None

(1) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers. Refer to Part 14, Section 7, paragraph 7.4.11(A) for conversion options.

(2) A channel(s) of this DS1 can be connected to a WATS Access Line. If this DS1 terminates in a GDTs hub, a channel(s) of the DS1 can be used to provide GDTs. GDTs service stops at the DS1 interface.

(3) The key activated control Channel is rated as a Metallic Channel Termination (use USOC: T6EME in lieu of T6ECS) and Channel Mileage, if applicable (use USOC: 1L5MX in lieu of 1L5XX).

(4) The Dial-up option requires the customer to purchase the Controller Arrangement (USOC: XTDDU) from 13.3.8 preceding.

(5) An additional Channel Termination charge will apply whenever a spare Service is configured as a leg to the customer's premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer premises serving wire center.

(6) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(7) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽²⁾ (Cont'd)

(N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
(C) Optional Features and Functions (Cont'd)			
(4) Network Reconfiguration Service ⁽¹⁾			
- Per DS1 termination			
Zone 1	CNND1	\$40.00 (R)	None
Zone 2	CNND1	40.00 (R)	None
Zone 3	CNND1	40.00 (R)	None
- Per DS3 termination (hub to hub only)	CNND3	300.00 (N)	None (R)
(5) Alternate Serving Wire Center (ASWC)			
- Per point of termination			
- DS1			
Zone 1	A1VAX/ASWC1	140.00	
Zone 2	A1VAX/ASWC1	140.00	
Zone 3	A1VAX/ASWC1	140.00	
- DS3 with terminal equipment (electrical)			
Zone 1	A1V BX/ASWC3	1,000.00	
Zone 2	A1V BX/ASWC3	1,000.00	
Zone 3	A1V BX/ASWC3	1,000.00	
- DS3 without terminal equipment (optical)			
Zone 1	A1V JX/ASWC5	750.00	
Zone 2	A1V JX/ASWC5	750.00	
Zone 3	A1V JX/ASWC5	750.00	
(6) Enhanced Access Diversity (EAD)			
- Per DS1 or DS3 service			
Option 1	DEQAX/DVRS1	10.00	87.00
Option 2	DA1AX/DVRS2	12.00	99.00
Option 3	AVOAX/DVRS3	12.00	99.00
(7) Multiplexer Cross Connect			
0 Channel Miles	1L5TC	5.00	40.00
Over 0 Channel Miles	1L5TC	5.00	40.00

(1) Effective December 5, 2018, Network Reconfiguration Service (NRS) will no longer be available for purchase by new or existing customers, and NRS service agreements may no longer be renewed. Effective July 31, 2022, the Telephone Company will no longer accept new requests for physical changes to existing service arrangements including the upgrade or downgrade of access/port speed, installation of new service, or moves to different service addresses.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽¹⁾ (Cont'd)

(N)

	<u>USOC</u>	Nonrecurring Charges	
		<u>1st</u>	<u>Add'l</u>
(D) Rollover			
- Per point of termination			
- DS1			
Zone 1	NRBR1/NRBRH	\$450.00	\$206.00
Zone 2	NRBR1/NRBRH	450.00	206.00
Zone 3	NRBR1/NRBRH	450.00	206.00
- DS3			
Zone 1	NRBR3	450.00	206.00
Zone 2	NRBR3	450.00	206.00
Zone 3	NRBR3	450.00	206.00
- DS3x3			
Zone 1	NRBR3	1,350.00	618.00
Zone 2	NRBR3	1,350.00	618.00
Zone 3	NRBR3	1,350.00	618.00
(E) Rollover When Point of Termination Changes			
- Per point of termination			
- DS1			
Zone 1	NRBR0	900.00	321.00
Zone 2	NRBR0	900.00	321.00
Zone 3	NRBR0	900.00	321.00
- DS3			
Zone 1	NRBR0	900.00	321.00
Zone 2	NRBR0	900.00	321.00
Zone 3	NRBR0	900.00	321.00
(F) Fiber Advantage SM Diversity	<u>USOC</u>	Nonrecurring Charges	
- Per DS1, DS3, DS3x3 or DS3x12 Service	DF4/SHF	\$200.00	
(G) DS3 Leaseback	<u>USOC</u>	Monthly Credit	
- Per DS1 Channel	NAC1X/LBK++	\$40.00	

(1) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽⁷⁾ (Cont'd)

(N)

(H)	Collocation Transport 1.544 Mbps	USOC 1H48S	Monthly Rate		Nonrecurring Charges	
			Fixed	Per Mile	1st Ckt.	Addl Ckt.
Fiber Advantage SM 1.544 Mbps ⁽¹⁾		1H48S	\$50.00	\$14.50	\$633.50	\$633.50
44.736 Mbps		1H48S				
Month-to-Month			600.00	\$41.80	2,500.00	2,500.00
Monthly Extension			600.00	41.80		
1 Year ⁽⁴⁾⁽⁶⁾			410.00	19.00	2,500.00	2,500.00
3 Year ⁽⁴⁾⁽⁵⁾			405.00	18.50	1,000.00	1,000.00
5 Year ⁽³⁾			400.00	17.50	0.00	0.00

(1) Effective May 17, 2003, Fiber AdvantageSM DS1 Rate Stability Payment Plan will no longer be available to new customers. There will be no change to existing customers. Refer to Part 14, Section 7, paragraph 7.4.11(A) for conversion options.

(2) [DELETED]

(3) Effective on September 13, 2017, High Capacity DS3 5-year Payment Plans are no longer available, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a High Capacity DS3 5-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current High Capacity DS3 5-year Payment Plan term for the remainder of that term.

(4) For Pricing Plans effective on or after November 25th, 2019 see terms in section 31.4(F) of this guidebook.

(5) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.

(6) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

(7) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽⁶⁾ (Cont'd)

(N)

31.5.2.9.1 DS1 Term Payment Plan

Rates and charges for the DS1 Term
Payment Plan^{(1) (3) (4) (5)}

<u>USOC</u>	<u>1 Year</u>	<u>2 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u>7 Year</u>
(1) Channel Termination					
- Per Point of Termination					
TMECS ZN1 \$1,033.27	\$666.66	\$584.52	\$100.00	\$97.50	
TMECS ZN2 1,107.06	716.95	597.82	110.00	107.50	
TMECS ZN3 1,180.88	767.21	644.90	120.00	117.50	
(2) Channel Mileage					
- Fixed					
1L5XX ZN1 379.37	210.18	180.59	35.00	32.50	
1L5XX ZN2 396.64	222.50	191.89	37.50	35.00	
1L5XX ZN3 413.87	234.91	203.18	40.00	37.50	
- Per Mile					
1L5XX ZN1 84.52	49.45	41.75	8.50	8.25	
1L5XX ZN2 91.42	54.41	44.04	9.00	8.75	
1L5XX ZN3 98.30	59.34	46.25	9.25	9.00	

(3) Central Office Multiplexing DS1 to DS0 voice/digital⁽²⁾
- Per arrangement

MQ1/MQ2/QMU	ZN1	343.20	224.40	207.90	160.00	150.00
MQ1/MQ2/QMU	ZN2	356.40	231.00	214.20	165.00	155.00
MQ1/MQ2/QMU	ZN3	369.60	237.60	220.50	170.00	160.00

(1) Effective on September 13, 2017, DS1 TPP 5- and 7-year Payment Plans are no longer available, including for any otherwise available conversions. Circuits already subject to a DS1 TPP 5- or 7-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current DS1 TPP 5- or 7-year Payment Plan term for the remainder of that term.

(2) Effective November 20, 2019, this Service will no longer be available for purchase by new or existing customers, and service agreements may no longer be renewed. In addition, requests to move, add or change existing service arrangements will not be accepted. Following the expiration of a customer's existing term agreement, service will be provided on a month-to-month basis at the applicable monthly extension rates until the service is discontinued. AT&T currently plans to discontinue this Service on or after June 30, 2024.

(3) For Pricing Plans effective on or after November 25th, 2019 see terms in section 31.4(F) of this guidebook.

(4) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM 3-year terms for the remainder of the applicable term.

(5) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.

(6) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)

31.5.2.9 High Capacity Service⁽⁶⁾ (Cont'd)

(N)

31.5.2.9.1 DS1 Term Payment Plan (Cont'd)

Rates and charges for the DS1 Term
Payment Plan^{(1) (3) (4) (5)} (Cont'd)

(4) Collocation Transport

- Channel Mileage
- Fixed

<u>USOC</u>	<u>1 Year</u>	<u>2 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u>7 Year</u>
1H48S	\$60.00	\$47.50	\$45.00	\$40.00	\$37.50
- Per Mile					
1H48S	\$14.25	\$14.00	\$10.25	\$9.25	\$9.00

(5) Nonrecurring Charges - One Time Charges⁽²⁾

- Per point of channel termination

<u>USOC</u>	<u>Description</u>	<u>Rate</u>
TMECS	Channel Termination Nonrecurring Charge	\$900.00
1H48S	Collocation Transport Nonrecurring Charge	900.00

- (1) Effective on September 13, 2017, DS1 TPP 5- and 7-year Payment Plans are no longer available, including for any otherwise available conversions. Circuits already subject to a DS1 TPP 5- or 7-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current DS1 TPP 5- or 7-year Payment Plan term for the remainder of that term.
- (2) Channel Termination Nonrecurring Charges and Collocation Transport Nonrecurring Charges are waived on new installations of DS1 High Capacity Service with a 2, 3, 5 or 7-year DS1 TPP.
- (3) For Pricing Plans effective on or after November 25th, 2019 see terms in section 31.4(F) of this guidebook.
- (4) Effective November 1, 2022, DS1 TPP 2- and 3-year, and DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plans are no longer available, including conversions. Circuits already subject to a DS1 TPP 2- or 3-year or DS3 (High Capacity and Fiber AdvantageSM) 3-year Payment Plan, as of November 1, 2022, will continue to be provided under the then-current DS1 TPP 2- or 3-year or DS3 High Capacity and Fiber AdvantageSM) 3-year terms for the remainder of the applicable term.
- (5) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 (High Capacity and Fiber AdvantageSM) 1-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services on January 17, 2024, will continue to be provided for the remainder of the then-current terms.
- (6) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)⁽³⁾

(N)

31.5.2.10 Reserved for Future Use

31.5.2.11 SONET Ring and Access Services⁽¹⁾

		<u>USOC</u>	<u>Monthly Rates</u>
(A) Mileage			
(1) Dedicated Ring			
- per interoffice mile			
155 Mbps (OC3)	0 - 10 miles	1L5XX/1L8XX	None
	over 10 miles	1L5XX/1L8XX	\$120.00
622 Mbps (OC12)	0 - 10 miles	1L5XX/1L8XX	None
	over 10 miles	1L5XX/1L8XX	250.00
2.4 Gbps (OC48)	0 - 10 miles	1L5XX/1L8XX	None
	over 10 miles	1L5XX/1L8XX	500.00
(2) Circuit Service			
- per interoffice mile			
622 Mbps (OC12/c)		1L5XX/1L8XX	250.00
622 Mbps (STS-12) ⁽²⁾		1L5XX/1L8XX	250.00
155 Mbps (OC3c)		1L5XX/1L8XX	100.00
51 Mbps (DS3)		1L5XX/1L8XX	25.00
1.5 Mbps (DS1)		1L5XX/1L8XX	15.00

(1) Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) STS12 has been discontinued by the vendor and is limited to existing customers at existing locations as of January 5, 1999.

(3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)⁽³⁾

(N)

31.5.2.11 SONET Ring and Access Services⁽¹⁾ (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>
(C) Nodes: CO and Premises (Cont'd)		
- per node (Cont'd)		

(4) CO Node for two point (circuit service) configuration

Month-to-Month		
622 Mbps (OC12/12c)	FC6XB/NOCCM	\$4,500.00
622 Mbps (STS12) ⁽²⁾	FC6XB/NOCCM	4,500.00
155 Mbps (OC3/3c)	FC6XB/NOCCM	1,500.00
51 Mbps (STS1 or DS3)	FC6XB/NOCCM	450.00
1.5 Mbps (DS1)	FC6XB/NOCCM	60.00
1 Year Plan		
622 Mbps (OC12/12c)	FC6XB/NOCC1	4,000.00
622 Mbps (STS12) ⁽²⁾	FC6XB/NOCC1	4,000.00
155 Mbps (OC3/3c)	FC6XB/NOCC1	1,250.00
51 Mbps (STS1 or DS3)	FC6XB/NOCC1	400.00
1.5 Mbps (DS1)	FC6XB/NOCC1	45.00
3 Year Plan		
622 Mbps (OC12/12c)	FC6XB/NOCC3	3,000.00
622 Mbps (STS12) ⁽²⁾	FC6XB/NOCC3	3,000.00
155 Mbps (OC3/3c)	FC6XB/NOCC3	1,000.00
51 Mbps (STS1 or DS3)	FC6XB/NOCC3	300.00
1.5 Mbps (DS1)	FC6XB/NOCC3	40.00
5 Year Plan		
622 Mbps (OC12/12c)	FC6XB/NOCC5	2,100.00
622 Mbps (STS12) ⁽²⁾	FC6XB/NOCC5	2,100.00
155 Mbps (OC3/3c)	FC6XB/NOCC5	700.00
51 Mbps (STS1 or DS3)	FC6XB/NOCC5	230.00
1.5 Mbps (DS1)	FC6XB/NOCC5	35.00

(1) Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) STS12 has been discontinued by the vendor and is limited to existing customers at existing locations as of January 5, 1999.

(3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)⁽²⁾

(N)

31.5.2.11 SONET Ring and Access Services⁽¹⁾ (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring 1st</u>	<u>Charges Add'l</u>
(D) Local Loop Link				
- per link (with equipment)				
Month-to-Month				
155 Mbps (OC3c)	DCHSX/LLALM	\$7,500.00	\$56,200.00	\$28,100.00
45 Mbps (DS3)	DCHSX/LLALM	2,400.00	31,000.00	15,500.00
1.5 Mbps (DS1)	DCHSX/LLALM	130.00	720.00	360.00
1 Year Plan				
155 Mbps (OC3c)	DCHSX/LLAL1	6,000.00	6,500.00	3,250.00
45 Mbps (DS3)	DCHSX/LLAL1	2,290.00	3,500.00	1,750.00
1.5 Mbps (DS1)	DCHSX/LLAL1	130.00	720.00	360.00
3 Year Plan				
155 Mbps (OC3c)	DCHSX/LLAL3	3,200.00	3,250.00	1,625.00
45 Mbps (DS3)	DCHSX/LLAL3	1,600.00	1,750.00	875.00
1.5 Mbps (DS1)	DCHSX/LLAL3	130.00	360.00	180.00
5 Year Plan				
155 Mbps (OC3c)	DCHSX/LLAL5	2,400.00	None	None
45 Mbps (DS3)	DCHSX/LLAL5	1,200.00	None	None
1.5 Mbps (DS1)	DCHSX/LLAL5	120.00	None	None

(1) Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)⁽³⁾

(N)

31.5.2.11 SONET Ring and Access Services⁽¹⁾ (Cont'd)

	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>1st</u>	Charges <u>Add'l</u>
(E) Premises Access Ports				
- per port				
Month-to-Month				
OC-48	KP6YX	\$6,000.00	\$850.00	\$425.00
622 Mbps (OC12c)	FP6TX/LSAUM	2,000.00	700.00	350.00
622 Mbps (OC12)	FP6TX/LSAUM	2,000.00	700.00	350.00
155.5 Mbps (OC3c)	FP6OX/LSAOM	675.00	700.00	350.00
155.5 Mbps (OC3)	FP6OX/LSAOM	675.00	700.00	350.00
45 Mbps (DS3)	FP6BX/LSA3M	330.00	700.00	350.00
1.5 Mbps (DS1)	FP6AX/LSA1M	90.00	700.00	350.00
100 Mbps Ethernet ⁽²⁾				
(STS-1) at OC-3 node	S9TAX	225.00	385.00	195.00
(STS-1) at OC-12 node	S9TBX	225.00	385.00	195.00
(STS-3c) at OC-12 node	S9TCX	280.00	385.00	195.00
1 Gbps Ethernet ⁽²⁾				
(STS-1) at OC-12 node	S9TDX	350.00	425.00	215.00
(STS-3c) at OC-12 node	S9TEX	350.00	425.00	215.00
100 Mbps Ethernet ⁽²⁾				
(STS-1) at OC-48 node	S9TGX	225.00	385.00	195.00
(STS-3c) at OC-48 node	S9THX	280.00	385.00	195.00
1 Gbps Ethernet ⁽²⁾				
(STS-1) at OC-48 node	S9TJX	350.00	425.00	215.00
(STS-3c) at OC-48 node	S9TKX	350.00	425.00	215.00
(STS-12c) at OC-48 node	S9TLX	875.00	425.00	215.00
(STS-24c) at OC-48 node	S9TMX	1,500.00	425.00	215.00

(1) Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) Effective January 21, 2004, new orders for SONET Ring and Access Service with the EOS enhancement will be served by different equipment. Disconnect of the existing SONET Ring and Access Service and placement of an order for new SONET Ring and Access Service with the EoS enhancement is required. Refer to Part 14, Section 7, paragraph 7.4.16(H) for details.

(3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)⁽²⁾

(N)

31.5.2.11 SONET Ring and Access Services⁽¹⁾ (Cont'd)

	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>1st</u>	Charges <u>Add'l</u>
(E) Premises Access Ports (Cont'd)				
- per port (Cont'd)				
1 Year Plan				
OC-48	KP6YX	\$5,700.00	\$850.00	\$425.00
622 Mbps (OC12c)	FP6TX/LSAU1	1,900.00	700.00	350.00
622 Mbps (OC12)	FP6TX/LSAU1	1,900.00	700.00	350.00
155.5 Mbps (OC3c)	FP6OX/LSAO1	600.00	700.00	350.00
155.5 Mbps (OC3)	FP6OX/LSAO1	600.00	700.00	350.00
45 Mbps (DS3)	FP6BX/LSA31	300.00	700.00	350.00
1.5 Mbps (DS1)	FP6AX/LSA11	80.00	700.00	350.00

(1) Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)⁽³⁾

(N)

31.5.2.11 SONET Ring and Access Services⁽¹⁾ (Cont'd)

	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>1st</u>	Charges <u>Add'l</u>
(E) Premises Access Ports (Cont'd)				
- per port (Cont'd)				
3 Year Plan				
OC-48	KP6YX	\$5,100.00	\$450.00	\$425.00
622 Mbps (OC12c)	FP6TX/LSAU3	1,700.00	350.00	175.00
622 Mbps (OC12)	FP6TX/LSAU3	1,700.00	350.00	175.00
155.5 Mbps (OC3c)	FP6OX/LSAO3	460.00	350.00	175.00
155.5 Mbps (OC3)	FP6OX/LSAO3	460.00	350.00	175.00
45 Mbps (DS3)	FP6BX/LSA33	230.00	350.00	175.00
1.5 Mbps (DS1)	FP6AX/LSA13	60.00	350.00	175.00
100 Mbps Ethernet ⁽²⁾				
(STS-1) at OC-3 node	S9TAX	145.00	385.00	195.00
(STS-1) at OC-12 node	S9TBX	145.00	385.00	195.00
(STS-3c) at OC-12 node	S9TCX	180.00	385.00	195.00
1 Gbps Ethernet ⁽²⁾				
(STS-1) at OC-12 node	S9TDX	250.00	425.00	215.00
(STS-3c) at OC-12 node	S9TEX	250.00	425.00	215.00
100 Mbps Ethernet ⁽²⁾				
(STS-1) at OC-48 node	S9TGX	145.00	385.00	195.00
(STS-3c) at OC-48 node	S9THX	180.00	385.00	195.00
1 Gbps Ethernet ⁽²⁾				
(STS-1) at OC-48 node	S9TJX	250.00	425.00	215.00
(STS-3c) at OC-48 node	S9TKX	250.00	425.00	215.00
(STS-12c) at OC-48 node	S9TLX	600.00	425.00	215.00
(STS-24c) at OC-48 node	S9TMX	900.00	425.00	215.00

(1) Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) Effective January 21, 2004, new orders for SONET Ring and Access Service with the EoS enhancement will be served by different equipment. Disconnect of the existing SONET Ring and Access Service and placement of an order for new SONET Ring and Access Service with the EoS enhancement is required. Refer to Part 14, Section 7, paragraph 7.4.16(H) for details.

(3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)⁽³⁾

(N)

31.5.2.11 SONET Ring and Access Services⁽¹⁾ (Cont'd)

	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>1st</u>	Charges <u>Add'l</u>
(E) Premises Access Ports (Cont'd)				
- per port (Cont'd)				
5 Year Plan				
OC-48	KP6YX	\$4,500.00	None	None
622 Mbps (OC12c)	FP6TX/LSAU5	1,500.00	None	None
622 Mbps (OC12)	FP6TX/LSAU5	1,500.00	None	None
155.5 Mbps (OC3c)	FP6OX/LSAO5	390.00	None	None
155.5 Mbps (OC3)	FP6OX/LSAO5	390.00	None	None
45 Mbps (DS3)	FP6BX/LSA35	150.00	None	None
1.5 Mbps (DS1)	FP6AX/LSA15	45.00	None	None
100 Mbps Ethernet ⁽²⁾				
(STS-1) at OC-3 node	S9TAX	130.00	\$385.00	\$195.00
(STS-1) at OC-12 node	S9TBX	130.00	385.00	195.00
(STS-3c) at OC-12 node	S9TCX	160.00	385.00	195.00
1 Gbps Ethernet ⁽²⁾				
(STS-1) at OC-12 node	S9TDX	200.00	425.00	215.00
(STS-3c) at OC-12 node	S9TEX	200.00	425.00	215.00
100 Mbps Ethernet ⁽²⁾				
(STS-1) at OC-48 node	S9TGX	130.00	385.00	195.00
(STS-3c) at OC-48 node	S9THX	160.00	385.00	195.00
1 Gbps Ethernet ⁽²⁾				
(STS-1) at OC-48 node	S9TJX	200.00	425.00	215.00
(STS-3c) at OC-48 node	S9TKX	200.00	425.00	215.00
(STS-12c) at OC-48 node	S9TLX	500.00	425.00	215.00
(STS-24c) at OC-48 node	S9TMX	850.00	425.00	215.00

(1) Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) Effective January 21, 2004, new orders for SONET Ring and Access Service with the EoS enhancement will be served by different equipment. Disconnect of the existing SONET Ring and Access Service and placement of an order for new SONET Ring and Access Service with the EoS enhancement is required. Refer to Part 14, Section 7, paragraph 7.4.16(H) for details.

(3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)⁽³⁾

(N)

31.5.2.11 SONET Ring and Access Services⁽¹⁾ (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st</u>	<u>Add'l</u>
(F) Central Office Access Ports				
- per port				

Month-to-Month

OC-48	KC6YX	\$6,000.00	\$850.00	\$425.00
622 Mbps (OC12/c)	FC6TX/LSALM	2,000.00	600.00	300.00
622 Mbps (OC12)	FC6ZX/LSATM	750.00	600.00	300.00
622 Mbps (STS12) ⁽²⁾	FC6ZX/LSATM	750.00	600.00	300.00
155 Mbps (OC3/c-48)	FC6UX/LSA4M	675.00	600.00	300.00
155 Mbps (OC3/c-12)	FC6VX/LSACM	335.00	600.00	300.00
155 Mbps (OC3/c-3)	KC65X	675.00	600.00	300.00
51 Mbps (STS1 hardwire)	FC6WX/LSADM	250.00	600.00	300.00
51 Mbps (STS1/DS3)	FC6YX/LSASM	250.00	600.00	300.00
51 Mbps (STS1/DS1s)	FC64X/LSAWM	900.00	600.00	300.00

1 Year Plan

OC-48	KC6YX	5,700.00	850.00	425.00
622 Mbps (OC12/c)	FC6TX/LSAL1	1,900.00	600.00	300.00
622 Mbps (OC12)	FC6ZX/LSAT1	675.00	600.00	300.00
622 Mbps (STS12) ⁽²⁾	FC6ZX/LSAT1	675.00	600.00	300.00
155 Mbps (OC3/c-48)	FC6UX/LSA41	600.00	600.00	300.00
155 Mbps (OC3/c-12)	FC6VX/LSAC1	300.00	600.00	300.00
155 Mbps (OC3/c-3)	KC65X	600.00	600.00	300.00
51 Mbps (STS1 hardwire)	FC6WX/LSAD1	225.00	600.00	300.00
51 Mbps (STS1/DS3)	FC6YX/LSAS1	225.00	600.00	300.00
51 Mbps (STS1/DS1s)	FC64X/LSAW1	800.00	600.00	300.00

(1) Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) STS12 has been discontinued by the vendor and is limited to existing customers at existing locations as of January 5, 1999.

(3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)⁽³⁾

(N)

31.5.2.11 SONET Ring and Access Services⁽¹⁾ (Cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st</u>	<u>Add'l</u>
(F) Central Office Access Ports (Cont'd)				
- per port (Cont'd)				

3 Year Plan

OC-48	KC6YX	\$5,100.00	\$450.00	\$425.00
622 Mbps (OC12/c)	FC6TX/LSAL3	1,700.00	300.00	150.00
622 Mbps (OC12)	FC6ZX/LSAT3	525.00	300.00	150.00
622 Mbps (STS12) ⁽²⁾	FC6ZX/LSAT3	525.00	300.00	150.00
155 Mbps (OC3/c-48)	FC6UX/LSA43	475.00	300.00	150.00
155 Mbps (OC3/c-12)	FC6VX/LSAC3	235.00	300.00	150.00
155 Mbps (OC3/c-3)	KC65X	475.00	300.00	150.00
51 Mbps (STS1 hardwire)	FC6WX/LSAD3	175.00	300.00	150.00
51 Mbps (STS1/DS3)	FC6YX/LSAS3	175.00	300.00	150.00
51 Mbps (STS1/DS1s)	FC64X/LSAW3	650.00	300.00	150.00

5 Year Plan

OC-48	KC6YX	4,500.00	None	None
622 Mbps (OC12/c)	FC6TX/LSAL5	1,500.00	None	None
622 Mbps (OC12)	FC6ZX/LSAT5	450.00	None	None
622 Mbps (STS12) ⁽²⁾	FC6ZX/LSAT5	450.00	None	None
155 Mbps (OC3/c-48)	FC6UX/LSA45	400.00	None	None
155 Mbps (OC3/c-12)	FC6VX/LSAC5	200.00	None	None
155 Mbps (OC3/c-3)	KC65X	400.00	None	None
51 Mbps (STS1 hardwired)	FC6WX/LSAD5	150.00	None	None
51 Mbps (STS1/DS3)	FC6YX/LSAS5	125.00	None	None
51 Mbps (STS1/DS1s)	FC64X/LSAW5	550.00	None	None

(1) Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) STS12 has been discontinued by the vendor and is limited to existing customers at existing locations as of January 5, 1999.

(3) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)⁽²⁾

(N)

31.5.2.11 SONET Ring and Access Services⁽¹⁾ (Cont'd)

(G) Primary Node Link - per Link	<u>USOC</u>	Monthly	Nonrecurring	Charges
		<u>Rates</u>	<u>1st</u>	<u>Add'l</u>

3 Year Plan

OC-48	NB6YX	\$5,100.00	\$450.00	\$425.00
622 Mbps (STS12)	NBPZX/PNLG3	2,200.00	400.00	200.00
155 Mbps (OC3/c-48)	NBPUX/PNLF3	1,650.00	400.00	200.00
155 Mbps (OC3/c-12)	NBPVX/PNLE3	1,300.00	400.00	200.00
155 Mbps (OC3/c-3)	NB65X	1,650.00	400.00	200.00
51 Mbps (STS1 hardwired)	NBPWX/PNLB3	650.00	400.00	200.00
51 Mbps (STS1/DS3)	NBPYX/PNLD3	650.00	400.00	200.00
51 Mbps (STS1/DS1)	NBP4X/PNLC3	1,100.00	400.00	200.00

5 Year Plan

OC-48	NB6YX	4,500.00	None	None
622 Mbps (STS12)	NBPZX/PNLG5	1,900.00	None	None
155 Mbps (OC3/c-48)	NBPUX/PNLF5	1,400.00	None	None
155 Mbps (OC3/c-12)	NBPVX/PNLE5	1,100.00	None	None
155 Mbps (OC3/c-3)	NB65X	1,400.00	None	None
51 Mbps (STS1 hardwired)	NBPWX/PNLB5	550.00	None	None
51 Mbps (STS1/DS3)	NBPYX/PNLD5	550.00	None	None
51 Mbps (STS1/DS1)	NBP4X/PNLC5	950.00	None	None

(1) Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

31. Metropolitan Statistical Area Access Services (Cont'd)

31.5 Rates and Charges (Cont'd)

31.5.2 Special Access Service (Cont'd)⁽²⁾

(N)

31.5.2.11 SONET Ring and Access Services⁽¹⁾ (Cont'd)

	<u>USOC</u>	Monthly <u>Rates</u>	
(H) Optional Features and Functions			
(1) Central Office Multiplexing			
- per arrangement			
DS1 - DS0		See paragraph 31.5.2.9(C) (1)	
DS3 - DS1			
Month to Month	MQ3/MQ3XM	\$500.00	
1 Year Plan	MQ3/MQ3X1	450.00	
3 Year Plan	MQ3/MQ3X3	330.00	
5 Year Plan	MQ3/MQ3X5	200.00	
(2) Rollover			
- per point of termination (same location)			
DS1	NRBRH/NRBR1	230.00	\$206.00
DS3	NRBR3	230.00	206.00
OC3c	NRBR3	230.00	206.00
- Per point of termination (location of termination changes)			
DS1	NRBR0	427.00	321.00
DS3	NRBR0	427.00	321.00
OC3c	NRBR0	427.00	321.00
(3) Shared Network Arrangement			
- Per service order	<u>USOC</u>	<u>Nonrecurring Charges</u>	
Processing Charge		\$30.00	

31.5.2.12 Reserved for Future Use

(1) Effective 01/03/06, SONET Ring and Access Service is limited to existing customers at existing locations except where spare capacity exists; customers may add additional locations on existing rings. New SONET ring services will be provided via Dedicated SONET Ring Service.

(2) See Part 2, Section 2.1.4(A) for Service availability.

(N)