

**AT&T INTERSTATE ACCESS GUIDEBOOK (Guidebook)**

PART 8 - Special Access Services - West - NV  
SECTION 21 - Optical Carrier Network (OCN) PTP

3rd Revised Page 1

**21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(1)</sup>**

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**21.1 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 21.3, 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 22.

(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 Dedicated SONET Ring Service node in a Telephone Company location to a customer designated premises or a Collocator's physical or virtual collocation--this serving arrangement is referred to as (SMA) 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) SMA 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.

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 at 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

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

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- (d) 1 Gbps Ethernet STS-1 1-2v;
- (2) a single concatenated STS-3C channel.
- (D) OC-12
  - (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.

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(E) OC-48

- (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) 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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(F) OC-192 (Cont'd)

- (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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**21.2 Rate Conditions**

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. 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.

<sup>(1)</sup>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 billing period, or for an existing OC-192 service with a 3 or 5 year 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 billing period, or for an existing OC-192 service with a 3 or 5 year 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 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 optional 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.

<sup>(1)</sup> 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.

<sup>(2)</sup> See Part 2, Section 2.1.4(A) for Service availability.

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

The customer is required to provide 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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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 18.8.2 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 set forth in Section 21.2(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.

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(2) Add/Drop Function

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 7.11 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.

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(3) OCN Point-to-Point Network Survivability

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 protected 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.

(b) 1+1 Protection with Cable Survivability

With this option, the working fiber pairs and the protected 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 protected 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

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

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(N)

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.

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

<sup>(2)</sup> 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 21.3(A)(4)(g)-(OC-3), 21.3(B)(4)(g)-(OC-12), 21.3(C)(4)(h)-(OC-48) and 21.3(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.

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

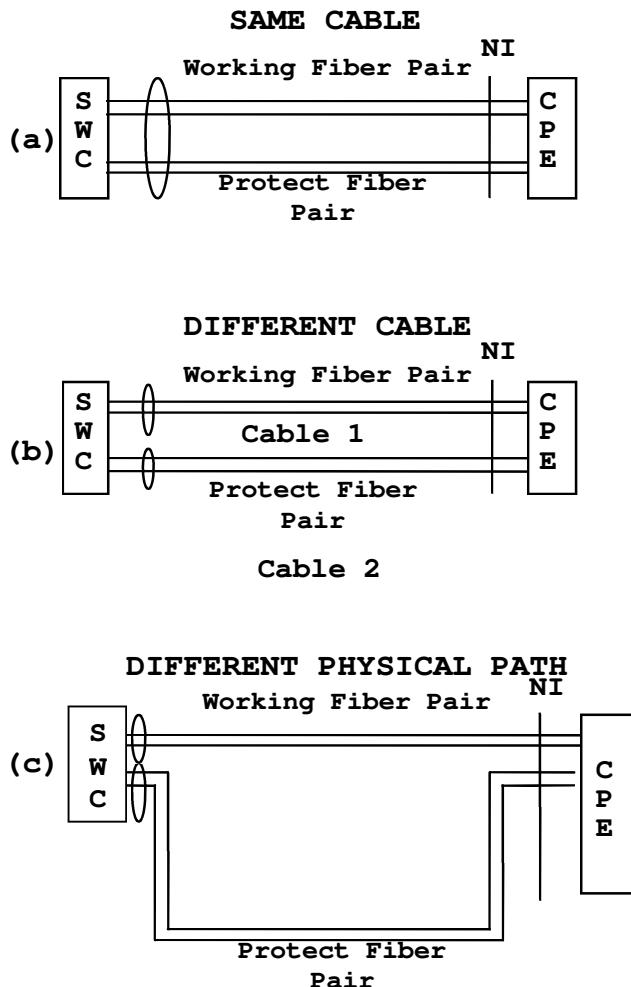
<sup>(2)</sup> See Part 2, Section 2.1.4(A) for Service availability.

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



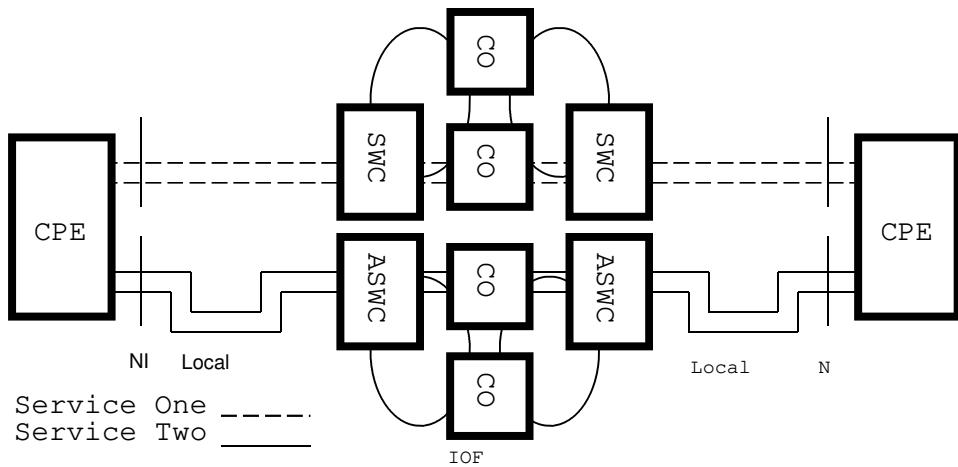
(1) See Part 2, Section 2.1.4(A) for Service availability. (N)

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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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(N)

(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<sup>(1)</sup>

- 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)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(3)</sup>

(N)

(E) Monthly Extension Rates<sup>(1)(2)</sup>

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 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)<sup>(2)</sup> 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 21.2(I) will apply.

<sup>(1)</sup> 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.

<sup>(2)</sup> 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.

<sup>(3)</sup> See Part 2, Section 2.1.4(A) for Service availability.

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(4)</sup>

(N)

(H) Term Pricing Plans (TPP)<sup>(1)(2)(3)</sup>**(1) General Description**

Term Pricing Plans (TPP) are available on Local Distribution Channels, 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
- <sup>(2)</sup>Five Year (60 Month) 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 <sup>(2)</sup>five year 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 7 sect 21.2.

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

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(2)</sup>

(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<sup>(1)</sup> OCN Point-to-Point TPP 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 OCN Point-to-Point TPP<sup>(1)</sup>. At the time of the order, the customer will begin paying the <sup>(1)</sup>5 year OCN Point-to-Point 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.

<sup>(1)</sup> 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. (T)

<sup>(2)</sup> See Part 2, Section 2.1.4(A) for Service availability. (N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(1)</sup>

(N)

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)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(3)</sup>

(N)

(I) Termination Liability<sup>(1) (2)</sup>

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 Period Termination Percentage

1, 3, or 5 years <sup>(2)</sup>	50%
---------------------------------	-----

The termination liability is calculated as follows:

(Monthly recurring <b>X</b> Months remaining <b>X</b> (Termination rate)	in billing)	percentage)
--	-------------	-------------

**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:

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

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 with in the same customer premises; or
- Customer's premises.

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

<sup>(1)</sup> 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.

<sup>(2)</sup> 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.

<sup>(3)</sup> See Part 2, Section 2.1.4(A) for Service availability.

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(1)</sup>

(N)

(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.

(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.

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

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(2)</sup>

(N)

(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.

(N) Jointly Provided Service

Jointly Provided Service is also referred to as "meet-point-billing" arrangements as described in Part 2, Section 2 of this Guidebook.

(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<sup>(1)</sup> OCN Point-to-Point TPPs 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;

(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)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(1)</sup>

(N)

- 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)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(4)</sup>

(N)

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

	<u>USOC</u>	<u>1 Year<sup>(1) (3)</sup></u>	<u>3 year<sup>(1) (3)</sup></u>	<u>5 year<sup>(1) (2)</sup></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<sup>(1) (3)</sup></u>	<u>3 year<sup>(1) (3)</sup></u>	<u>5 year<sup>(1) (2)</sup></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<sup>(1) (3)</sup></u>	<u>3 year<sup>(1) (3)</sup></u>	<u>5 year<sup>(1) (2)</sup></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<sup>(1) (3)</sup></u>	<u>3 year<sup>(1) (3)</sup></u>	<u>5 year<sup>(1) (2)</sup></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 7 sect 21.2.
- (4) See Part 2, Section 2.1.4(A) for Service availability.

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(1)</sup>

(N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring</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> with <u>Cable</u> <u>Survivability</u> -Per OC-3/OC-3c Customer Premises	P3S	\$180.00	\$500.00
(e) <u>1+1 Protection</u> with <u>Route</u> <u>Survivability</u> -Per OC-3/OC-3c Customer Premises		(Apply P8T rate above, P8T plus Per Quarter Route Mile below) (P8T + S2DXY)	
-Per Quarter Route Mile	S2DXY	\$50.00	\$0

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

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(2)</sup>

(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) <u>Diversity<sup>(1)</sup></u> -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.

<sup>(1)</sup> 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.

<sup>(2)</sup> See Part 2, Section 2.1.4(A) for Service availability.

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(4)</sup>

(N)

(B) OC-12/OC-12c(1) Local Distribution Channel

-Per Point of Termination		<u>USOC</u>	<u>1 Year</u> <sup>(1) (3)</sup>	<u>3 year</u> <sup>(1) (3)</sup>	<u>5 year</u> <sup>(1) (2)</sup>	<u>Mo. Ext.</u>
		TMECS	\$51,608.82(I)	\$45,270.90(I)	\$3,000.00	\$106,067.15

(2) Interoffice Transport

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

(3) Collocation Transport-Transport Facilities between Collocation Arrangements

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

## (b) Add/Drop Function-Per OC-3

		<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
		MXJCX	\$4,591.70(I)	\$0.00

\* 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 7 sect 21.2.

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

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(1)</sup>

(N)

		<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring</u> <u>Charges</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 DS3	MXJBX	\$2,755.02 (I)	\$0.00	
-Per 1000 Base LX	MX4LX	\$500.00	\$0.00	
(c) <u>1+1 Protection</u> -Per OC-12/OC-12c Customer Premises	P8T	\$260.00	\$150.00	
(d) <u>1+1 Protection</u> <u>with Cable</u> <u>Survivability</u> -Per OC-12/OC-12c Customer Premises	P3S	\$260.00	\$600.00	
(e) <u>1+1 Protection</u> <u>with Route</u> <u>Survivability</u> -Per OC-12/OC-12c Customer Premises	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)		
-Per Quarter Route Mile	S2DXY	\$100.00	\$150.00	

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

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(2)</sup>

(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<sup>(1)</sup> -Per Quarter Route Mile</u>	S2DXY	\$100.00	\$0
	CPAPB	\$300.00	\$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.

<sup>(1)</sup> 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.

<sup>(2)</sup> See Part 2, Section 2.1.4(A) for Service availability.

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(4)</sup>

(N)

(C) OC-48/OC-48c(1) Local Distribution Channel

## Per Point of Termination

	<u>USOC</u>	<u>1 Year<sup>(1)(3)</sup></u>	<u>3 year<sup>(1)(3)</sup></u>	<u>5 year<sup>(1)(2)</sup></u>	<u>Mo. Ext.</u>
TMECS		\$122,571.03(I)	\$110,913.71(I)	\$7,000.00	\$247,489.95(I)

(2) Interoffice Transport

-Mileage	<u>USOC</u>	<u>1 Year<sup>(1)(3)</sup></u>	<u>3 year<sup>(1)(3)</sup></u>	<u>5 year<sup>(1)(2)</sup></u>	<u>Mo. Ext.</u>
	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<sup>(1)(3)</sup></u>	<u>3 year<sup>(1)(3)</sup></u>	<u>5 year<sup>(1)(2)</sup></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<sup>(1)(3)</sup></u>	<u>3 year<sup>(1)(3)</sup></u>	<u>5 year<sup>(1)(2)</sup></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-3

	<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 7 sect 21.2.
- (4) See Part 2, Section 2.1.4(A) for Service availability.

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(1)</sup>

(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</u> -Per OC-48/OC-48c Customer Premises	P3S	\$1,410.00	\$700.00
(e) <u>1+1 Protection with Route Survivability</u> -Per OC-48/OC-48c Customer Premises -Per Quarter Route Mile	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)	
	S2DXY	\$125.00	\$0

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

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(2)</sup>

(N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring 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<sup>(1)</sup></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.

<sup>(1)</sup> 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.

<sup>(2)</sup> See Part 2, Section 2.1.4(A) for Service availability.

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(4)</sup>

(N)

(D) OC-192/OC-192c

		<u>USOC</u>	<u>3 year<sup>(1)(3)</sup></u>	<u>5 year<sup>(1)(2)</sup></u>	<u>Mo. Ext.</u>
(1)	<u>Local Distribution Channel</u> -Per Point of Termination	TMECS	\$332,741.12(I)	\$21,000.00	\$727,317.41(I)
(2)	<u>Interoffice Transport</u> -Mileage -Fixed	1L5XX	\$190,986.65(I)	\$13,500.00	\$477,311.21(I)
	-Per Mile	1L5XX	\$4,074.38(I)	\$300.00	\$9,091.44(I)
(3)	<u>Collocation Transport</u> -Transport Facilities between Collocation Arrangements -Fixed	1H48S	\$19,406.25	\$13,500.00	\$31,185.60
	-Per Mile	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)
		<u>USOC</u>	<u>Monthly</u>		<u>Nonrecurring Charge</u>
(b)	Add/Drop Function -per OC-48	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 7 sect 21.2.
- (4) See Part 2, Section 2.1.4(A) for Service availability.

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(2)</sup>

(N)

		<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(4)	<u>Optional Feature and Functions</u> (Cont'd)			
	(b) <u>Add/Drop Function</u> (Cont'd)			
	-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</u> with Cable Survivability -Per OC-192/ OC/192c Customer Premises	P3S	\$2,700.00	\$800.00
	(e) <u>1+1 Protection</u> with Route Survivability -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</u> OC-192 Regenerator			
	-each	RGY	\$11,000.00	\$0
	(g) <u>Diversity<sup>(1)</sup></u> -Per Quarter Route Mile	S2DXY	\$150.00	\$0
	-Per OC-192/ OC-192c	CPAPD	\$1,200.00	\$0

<sup>(1)</sup> 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.<sup>(2)</sup> See Part 2, Section 2.1.4(A) for Service availability.

(N)

21. Optical Carrier Network (OCN) Point-to-Point Service<sup>(1)</sup>

(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

	Administrative Charge, per Order	Design and Central Office Connection Charge, per circuit	Customer Connection, Charge, per termination
USOC	ORCMX	NRMCK	NRBBL
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 Channel Types (Cont'd)

Following is a brief description of each type of channel:

Voice Grade<sup>(1)</sup> - a channel for the transmission of analog signals within an approximate bandwidth of 300 to 3000Hz.

Video - a channel for the transmission of standard 525 line 60 field monochrome or National Television Systems Committee color video signal and one or two associated 5 or 15 kHz audio signals. The bandwidth is either 30 Hz to 4.5 MHz or 30 Hz to 6.6 MHz.

Digital Data<sup>(1)</sup> - a channel for the digital transmission of synchronous serial data at rates of 2.4, 4.8, 9.6, 56 or 64 kbps.

High Capacity<sup>(2)</sup> - a channel for the transmission of isochronous (N) serial digital data at rates of 1.544, 3.152, 6.312, 44.736 or 274.176 Mbps.

(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)

7.1 General (Cont'd)

7.1.1 Channel Types (Cont'd)

Detailed descriptions of each of the channel types are provided in 7.7 through 7.11 following.

The customer also has the option of ordering Voice Grade and High Capacity<sup>(1)</sup> facilities (i.e., 1.544 Mbps, 3.152 Mbps, 6.312 Mbps, 44.736 Mbps and 274.176 Mbps) to Telephone Company hubs 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 7.7 and 7.11 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 set forth in 7.2.1 following.

For example, a customer may order a 3.152 Mbps High Capacity<sup>(1)</sup> channel 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 Voice Grade channels or may be extended to other customer designated premises or hubs. Optional features may be added to either the 1.544 Mbps or the Voice Grade channels.

(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)

7.1.2 Service Descriptions

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

Video<sup>(2)</sup> (TV)  
Voice Grade<sup>(1)</sup> (VG)  
- WATS Access Line<sup>(1)</sup> (WAL)  
Digital Data<sup>(1)</sup> (DA)  
High Capacity<sup>(3)</sup> (HC)

(N)

Each service consists of a basic channel to which a technical specifications package (customized or predefined), channel interface(s) and, when desired, optional features and functions are added to construct the service desired by the customer. Technical specifications packages and optional features and functions are described in this section. Channel interfaces are described in paragraphs 15.3 and 15.4 of Nevada Bell Telephone Company, LLC's F.C.C. Tariff No. 1.

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

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

- (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) Effective December 31, 2020, 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. AT&T currently plans to discontinue this Service on or after December 31, 2021.
- (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)****7.1.7 Acceptance Testing**

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

- (A) For Voice Grade analog services, acceptance test will include tests for loss, 3-tone slope, DC continuity, operational signaling, C-notched noise, and C-message noise when these parameters are applicable and specified in the order for service. Additionally, for Voice Grade<sup>(1)</sup> services, a balance (improved loss) test will be made if the customer has ordered the improved loss optional feature.
- (B) For other analog services (i.e., Video<sup>(2)</sup>) and for digital services (i.e., Digital Data<sup>(1)</sup> and High Capacity<sup>(3)</sup>) service, (N) acceptance tests will include tests for the parameters applicable to the service as specified by the customer in the order for service.

In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade<sup>(1)</sup> service to test other parameters, as described in paragraph 13.3.5(B) of Nevada Bell Telephone Company, LLC's F.C.C. Tariff No. 1, is available at the customer's request. All test results will be made available to the customer upon request.

**7.1.8 Ordering Options and Conditions**

Special Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also included in that section are other charges which may be associated with ordering Special Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

- (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) Effective December 31, 2020, 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. AT&T currently plans to discontinue this Service on or after December 31, 2021.
- (3) See Part 2, Section 2.1.4(A) for Service availability. (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

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

(1) Channel Mileage Facility

The Channel Mileage Facility rate recovers the cost for the transmission path which extends between the Telephone Company serving wire centers and/or hub(s) and includes primarily outside plant used to provide the facility.

When the customer orders High Capacity<sup>(1)</sup> Service as described in 7.11 and 7.11.5 following, the Channel Mileage Facility must be ordered in conjunction with an associated Channel Termination as described in 7.2.1.(A), preceding.

(N)

(2) Channel Mileage Termination

The Channel Mileage Termination rate recovers the cost for end office equipment associated with terminating the facility (i.e., basic circuit equipment and terminations at serving wire centers and hubs). The Channel Mileage Termination rate will apply at the serving wire center(s) for each customer designated premises and Telephone Company hub where the channel is terminated. If the Channel Mileage is between Telephone Company bridging hubs, the Channel Mileage Termination rate will apply per Telephone Company designated hub. When the Channel Mileage Facility is zero (i.e., collocated serving wire centers), neither the Channel Mileage Facility rate nor the Channel Mileage Termination rate will apply.

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

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.1 Rate Categories (Cont'd)

(D) Collocation Transport

Collocation Transport provides for the transmission facilities between collocation arrangements located in Telephone Company Central Offices.

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).

When the DS1<sup>(1)</sup> Intra Office Fixed channel is ordered between two collocation arrangements that are for the same collocator, it will be provisioned as a temporary arrangement and will be in service until the collocator's own facilities are installed. There is no additional charge to disconnect these temporary facilities. (N)

(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. (N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements

Service rearrangements are changes to existing (installed) services which may be administrative only in nature, as set forth following, or that involve actual physical change to the service. Changes to pending orders are set forth in 5.2.2 preceding.

Changes in the physical location of the point of termination or customer designated premises are moves as set forth in 7.2.3 following.

Changes in the type of Service or Channel Termination which result in a change of the minimum period requirement will be treated as a discontinuance of the service and an installation of a new service.

Customers with DS3<sup>(1)</sup> service provided under Individual Case Basis (ICB) in other portions of this Guidebook or with a month-to-month billing period who wish to convert their DS3<sup>(1)</sup> service to a 1, 3 or 5 year billing period, (N) may do so without penalty or assessment of new nonrecurring charges, providing there is no physical change in the service arrangement. (N)

Changes in ownership or transfer of responsibility from one customer to another will be treated as a discontinuance of the service and an installation of a new service. In the event the change in ownership or transfer of responsibility as set forth in 2.1.2(A) preceding where there is no change in facilities or arrangements, the change will be treated as an administrative change without charge to the customer.

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

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.2 Types of Rates and Charges (Cont'd)

(C) Nonrecurring Charges (Cont'd)

(3) Service Rearrangements (Cont'd)

(b) All other service rearrangements will be charged for as follows:

- If the change involves the addition of other customer designated premises to an existing multipoint service, the nonrecurring charge for the channel termination rate element will apply. The charge(s) will apply only for the location(s) that is being added.
- If the change involves the addition of an optional feature or function which has a separate nonrecurring charge, that nonrecurring charge will apply.
- If the change involves changing the type of signaling on a Voice Grade service, a charge equal to the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will apply per service termination affected.
- If the change involves the rearrangement of existing Voice Grade Service to a Multiplexed High Capacity<sup>(1)</sup> service and there is no change of customer premises location(s), a charge equal to one-half the Voice Grade channel termination rate element nonrecurring charge will apply. The charge will be per service termination affected. (N)
- Except for moves stated in 7.2.3 following, all other changes, including the addition of optional feature or function without a separate nonrecurring charge, a charge equal to a channel termination nonrecurring charge will apply. Only one such charge will apply per service, per change.
- If a Special Access change involves changing a Multiplexer Cross Connect it will be considered to be a discontinuance and installation of the Multiplexer Cross Connect and all applicable nonrecurring charges shall apply.

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

(N)

## ACCESS SERVICE

## 7. Special Access Service (Cont'd)

## 7.2 Rate Regulations (Cont'd)

## 7.2.2 Types of Rates and Charges (Cont'd)

## (C) Nonrecurring Charges (Cont'd)

## (3) Service Rearrangements (Cont'd)

(c) DS1/DS3<sup>(1)</sup> Rollover Charges

(N)

Rollover Charges are physical changes to, or reclassification of existing service, where there is no change in either point of termination or the Expanded Interconnection Service (EIS) point of termination. Except as noted below, all facilities and equipment required for the activity must already exist. The following are examples where DS1/DS3 Rollover Charges will apply:

- Rearranging an existing Special Access DS1 or DS3 service from one port to another port in the same multiplexer.
- Rearranging an existing Special Access DS1 or DS3 service from one multiplexer to another multiplexer in the same serving wire center.
- Rearranging an existing Special Access DS1 or DS3 Channel Termination to a port of an existing multiplexed higher speed service in the same serving wire center.
- Rearranging an existing Special Access DS1 or DS3 Channel Termination to an EIS DS1 or DS3 Channel Termination in the same serving wire center.
- Rearranging an existing lower speed service to an existing multiplexed higher speed service.

In the event a change involves a physical move of the point of termination at the customer's premises or a move of the customer's premises, a move charge as set forth in 7.2.3 will apply.

Rollover Charges are set forth in paragraph 22.5.2.5(D). No charge will apply for subtending services of the service being rolled over as long as there is no change to the subtending services.

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

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.3 Moves

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

- The Point of Termination at the customer's premises
- The customer's premises

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

(A) Moves Within the Same Building

When the move is to a new location within the same building or a change of connecting facility assignment in the same central office other than DS1<sup>(1)</sup> and DS3<sup>(1)</sup> rollover rearrangements as described in 7.2.2(C)(3)(c) preceding, the charge for the move will be an amount equal to one half of the nonrecurring (i.e., installation) charge for the service termination affected. There will be no change in the minimum period requirements.

(N)

(B) Moves To a Different Building

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

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

(N)

/1/ Material now appears on Page 22.1.

**ACCESS SERVICE**

## 7. Special Access Service (Cont'd)

## 7.2 Rate Regulations (Cont'd)

## 7.2.4 Minimum Periods

The minimum service period for all services is one month, except DS3 High Capacity<sup>(5)</sup> Service under a 1<sup>(3)</sup>, 3 or 5 year billing period, and part-time Video<sup>(1)</sup> services. (N)

- (A) The minimum service period for part-time Video<sup>(1)</sup> services is one day (i.e., a continuous 24-hour period, not limited to a calendar day).
- (B) The minimum service period for DS3 (44.746 Mpbs) High Capacity<sup>(5)</sup> Special Access Service is a 1<sup>(3)</sup> year term plan. (N) After the 1<sup>(4)</sup>-, 3<sup>(2)</sup>-, or 5-year billing period is satisfied, the customer must select a renewal option as referenced in Section 7.11.5.1.

- (1) Effective December 31, 2020, 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. AT&T currently plans to discontinue this Service on or after December 31, 2021.
- (2) Effective November 1, 2022, DS1 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.
- (3) Effective January 17, 2024, the 1 year minimum period no longer applies.
- (4) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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 Rate Regulations (Cont'd)****7.2.6 Facility Hubs**

A customer has the option of ordering Voice Grade<sup>(1)</sup> service or High Capacity<sup>(2)</sup> services (i.e., DS1, DS1C, DS2, DS3 or DS4) to a (N) facility hub for channelizing to individual services requiring lower capacity facilities (e.g., Voice, etc.).

Different locations may be designated as hubs for different facility capacities, e.g., multiplexing from digital to digital may occur at one location while multiplexing from digital to analog may occur at a different location. When placing an Access Order the customer will specify the desired hub.

EXCHANGE CARRIER ASSOCIATION TARIFF F.C.C. NO. 4 identifies serving wire centers, hub locations and the type of multiplexing functions available.

Some of the types of multiplexing available include the following:

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

Point to point<sup>(2)</sup> services may be provided on channels of these (N) services to a hub. The transmission performance for the point to point<sup>(2)</sup> service provided between customer designated premises (N) will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps channel is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade, not High Capacity<sup>(2)</sup>. (N)

The Telephone Company will commence billing the monthly rate for the service to the hub on the date specified by the customer on the Access Order. Individual channels utilizing these services may be installed coincident with the installation of the service to the hub or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade or a High Capacity<sup>(2)</sup> Channel Termination, Channel Mileage (when applicable), and the multiplexer at the time the service is installed. Individual service rates (by service type) will apply for a Channel Termination and additional Channel Mileage (as required) for each channelized service. These will be billed to the customer as each individual service is installed. (N)

(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 Rate Regulations (Cont'd)****7.2.6 Facility Hubs (Cont'd)**

Cascading multiplexing occurs when a High Capacity<sup>(2)</sup> service is (N) de-multiplexed to provide channels with a lesser capacity and one of the lesser capacity channels is further de-multiplexed. For example, a 6.312 Mbps High Capacity<sup>(2)</sup> service is de- (N) multiplexed to four DS1 channels and then one of the DS1 channels is further de-multiplexed to 24 individual Voice Grade channels.

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.

The Telephone Company will designate hubs for Video<sup>(1)</sup> Services. Full-time or part-time service may be provided between customer designated premises or between a customer designated premises and a hub and billed accordingly at the monthly rates set forth in 7.8 and 7.9 following for a Channel Termination, Channel Mileage and Optional Features and Functions, as applicable. When the service is ordered to a hub, the customer may order a full-time or part-time Video<sup>(1)</sup> services as needed between that hub and additional customer designated premises. The rate elements required to provide the part-time service (i.e., Channel Termination, Channel Mileage and Optional Features and Functions, as applicable) will be billed at daily rates for the duration of the service requested.

(1) Effective December 31, 2020, 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. AT&T currently plans to discontinue this Service on or after December 31, 2021.

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

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.7 Shared Use Analog and Digital High Capacity<sup>(1)</sup> Services (N)

Shared Use occurs when Special Access Service and Switched Access Service are provided over the same High Capacity 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.

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

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Rate Regulations (Cont'd)

7.2.7 Shared Use Analog and Digital High Capacity<sup>(1)</sup> Services (Cont'd) (N)

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

**ACCESS SERVICE****7. Special Access Service (Cont'd)****7.3 Surcharge for Special Access Service (Cont'd)****7.3.4 Rate Regulations**

(A) The Surcharge will apply as set forth in 7.3.2(A) preceding, except that a surcharge will be assessed on a per voice grade equivalent basis for Special Access Services derived from High Capacity<sup>(1)</sup> Special Access Services as shown in the following example: (N)

<u>Special Access Service</u>	<u>Voice Grade Equivalent</u>	<u>Surcharge</u>	<u>Monthly Charge</u>	
DS1 <sup>(1)</sup>	24	X \$25.00	= \$600.00	(N)

In the case of multipoint Special Access Services, one Special Access Surcharge will apply for each termination of a Special Access Channel at an end user's premises.

(B) The Telephone Company will bill the appropriate Special Access Surcharge to the ordering customer for each interstate Special Access Service installed unless exemption certification is provided as set forth in 7.3.3 preceding.

(C) If a written certification is not received at the time the Special Access Service is obtained, the Surcharge will be applied. Exempt status will become effective on the certification date indicated by the customer, subject to the regulations set forth in (D) following.

**(D) Crediting the Surcharge**

The Telephone Company will cease billing the Special Access Surcharge when certification, as set forth in 7.3.3 preceding, is received. If the status of the Special Access Service was changed prior to receipt of the exemption certification, the Telephone Company will credit the customer's account, not to exceed ninety (90) days, based on the effective date of the change as specified by the customer in the letter of certification.

**(E) Surcharge Payment Deferral Provision**

The Telephone Company will bill the surcharge on Special Access facilities in service as of June 1, 1986, used in the provision of WATS or WATS-type service through a Telephone Company designated WATS Serving Office (WSO). Payment of such surcharge may be deferred, without penalty, for up to ninety (90) days from the date of the first bill rendered for the Special Access Surcharge.

If appropriate exemption certification is not received by the Telephone Company by the end of the ninety (90) days deferral period, the billed Special Access Surcharge will become due. These charges, if unpaid, will be subject to a late payment charge as set forth in paragraph 2.5.3 in Part 2, Section 2.

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

## ACCESS SERVICE

## 7. Special Access Service (Cont'd)

7.10 Digital Data Service<sup>(2)</sup>

## 7.10.1 Basic Channel Description

A Digital Data channel is a channel for duplex four-wire transmission of synchronous serial data at the rate of 2.4, 4.8, 9.6, 56 or 64 kbps.<sup>(1)</sup> The actual bit rate is a function of the channel interface selected by the customer. The channel provides a synchronous service with timing provided by the Telephone Company through the Telephone Company's facilities to the customer in the received bit stream. Digital Data channels are only available via Telephone Company designated hubs and are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs. Digital Data service may also be ordered in conjunction with High Capacity<sup>(3)</sup> (DS-1) to Analog/Digital (DS-0) multiplexing as set forth in 7.11.4 (5) following, and not be required to route through a Digital Data Service Hub as set forth in Technical Reference Pub L-780077-PB/NB.

(N)

The customer will provide the Channel Service Unit-type equipment or other Network Channel Terminating Equipment associated with the Digital Data channel at the customer premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

## 7.10.2 Technical Specifications Packages

Parameter	Package D-			
	1	2	3	4
Error-Free Seconds	X	X	X	X

The Telephone Company will provide a channel capable of meeting a monthly average performance equal to or greater than 99.875% error-free seconds (if provided through a Digital Data hub) while the channel is in service, if it is measured through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62310.

Voltages which are compatible with Digital Data Service are delineated in Technical Reference TR-NPL-000341.

- (1) 64 kbps Service is only available with High Capacity Multiplexing DS1 to Voice/Digital as set forth in 7.11.4 (B) (5) following. 64 kpbs service is only available where technically feasible.
- (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)

7.11 High Capacity Service<sup>(1)</sup>

(N)

## 7.11.1 Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 1.544, 3.152, 6.312, 44.736 (DS3), 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 will be provided with an electrical handoff at the customer premise at the request of the customer. High Capacity channels are provided between customer designated premises or between a customer designated premises and a Telephone Company hub or hubs.

The customer will provide the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. The interim program for interconnection of such equipment is set forth in Technical Reference PUB AS No. 1.

DS3 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 FCC No. 2 shall apply.

## 7.11.2 Technical Specifications Packages

Parameters	Package HC-				
	0	1	1C	2	3
Error-Free Seconds		X			

A channel with technical specifications package HC1 will be capable of an error-free second performance of 98.75% over a continuous 24 hour period as measured at the 1.544 Mbps rate through a CSU equivalent which is designed, manufactured, and maintained to conform with the specifications contained in Technical Reference PUB 62411 and Technical Advisory TA-TSY-000342.

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

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Service<sup>(1)</sup> (Cont'd) (N)

7.11.3 Channel Interface

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

<u>CI</u>	<u>Bit Rate</u>
DS-15	1.544 Mbps (DS1)
DS-27	274.176 Mbps (DS4)
DS-31	3.152 Mbps (DS1C)
DS-44	44.736 Mbps (DS3)
DS-63	6.312 Mbps (DS2)

Compatible channel interfaces are set forth in 15.3 following.

7.11.4 Optional Features and Functions

(A) Transfer Arrangement

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

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

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Service<sup>(2)</sup> (Cont'd)

(N)

7.11.4 Optional Features and Functions (Cont'd)

(B) Central Office Multiplexing

(1) DS4 to DS1

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

(2) DS3 to DS1

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

(3) DS2 to DS1

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

(4) DS1C to DS1

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

(5) DS1 to Voice/Digital<sup>(1)</sup>

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade or Digital Data Services.

(6) DS1 to DS0<sup>(1)</sup>

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

(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)

7.11 High Capacity Service<sup>(3)</sup> (Cont'd) (N)

## 7.11.4 Optional Features and Functions (Cont'd)

## (B) Central Office Multiplexing (Cont'd)

(7) DSO to Subrate<sup>(2)</sup>

An arrangement that converts a 64.0 Kbps channel to subspeeds of up to twenty 2.4 Kbps, ten 4.8 Kbps, or five 9.6 Kbps channels using digital time division multiplexing.

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

	Available with Technical Specifications Package HC-				
	0	1	1C	2	3
Central Office Multiplexing:					
DS4 to DS1					X
DS3 to DS1					X
DS2 to DS1					X
DS1C to DS1					X
DS1 to Voice/Digital <sup>(2)</sup>				X	
DS1 to DS0 <sup>(2)</sup>				X	
DS0 to Subrate <sup>(1)</sup>			X		
Cross-Connect				X	
Transfer Arrangement				X	

(1) Available only on a channel of 1.544 Mbps facility to a Telephone Company DDS hub.

(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)

7.11 High Capacity Service<sup>(1)</sup> (Cont'd) (N)

7.11.4 Optional Features and Functions (Cont'd)

(B) Central Office Multiplexing (Cont'd)

(8) Multiplexer Cross-Connect (MCC)

An arrangement which provides the cross-connect of one channel of a Special Access High Capacity DS3 multiplexer to a channel of another Special Access High Capacity DS3 Multiplexer.

Multiplexer Cross-Connection (MCC) will be charged per cross-connect per central office, where the cross-connection is performed. If MCC is provided between two Telephone Company offices where DS3 multiplexing is performed, appropriate Channel Mileage and Channel Mileage Termination Charges for the lower speed DS1 service will apply between the two central offices along with one MCC charge per cross-connect per central office.

When one service is cross-connected to another service, the two cross-connected services are treated separately for service performance measurement and service interruption credit purposes.

If two customers are involved, one customer will be responsible for the entire billing of MCC.

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

**ACCESS SERVICE****7. Special Access Service (Cont'd)****7.11 High Capacity Service<sup>(5)</sup> (Cont'd)**

(N)

**7.11.5 Rates and Charges General Description**

This section contains the specific regulations governing the rates and charges which apply to High Capacity Services.

DS3 High Capacity Service is available under a month-to-month<sup>(1)</sup>, one, three or five-year billing period as described in 7.11.5.1 (A), following.<sup>(2)</sup> If the Utility initiates rate changes resulting in a decrease of rates for an existing DS3 service with a 1, 3 or 5 year billing period, those rate changes will be passed along to the customer. Rate changes resulting in an increase of rates for an existing DS3 service with a 1, 3 or 5 year billing period will not exceed the original rate for that selected billing period.

**7.11.5.1 DS3 High Capacity Service Rate Description****Monthly Extension Rates**

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

**(A) DS3 High Capacity Service Billing Period**

The billing period establishes the amount of time that rates for a service are stabilized by the Utility.

The following billing periods are available for DS3 High Capacity Services and associated optional features and functions:

- Month-to-Month
- Monthly Extension Rate
- 1 Year (Channel Termination Only)<sup>(4)</sup>
- 3 Year (Channel Termination Only)<sup>(3)</sup>
- 5 Year (Channel Termination Only)<sup>(2)</sup>

(1) [DELETED]

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

(3) Effective November 1, 2022, DS1 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.

(4) Effective January 17, 2024, DS3 High Capacity Service 1-year Payment Plans 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)

7.11 High Capacity Service<sup>(4)</sup> (Cont'd)

(N)

7.11.5 Rates and Charges General Description (Cont'd)

7.11.5.1 DS3 High Capacity Service Rate Description<sup>(2)(3)</sup> (Cont'd)

(A) DS3 High Capacity Service Billing Period (Cont'd)

One month prior to the expiration of the billing period, the customer must select one of the following options:

- (1) Renew the service for a specified period of time as provided in this Guidebook under the regulations.
- (2) Elect to be converted to monthly extension rates.
- (3) Elect to disconnect the service upon expiration of the billing period.

Extend the service for an additional 12 month period at the current rates for the existing 1, 3 or 5 year billing period.

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.

If a customer selects neither (1) nor (3) preceding, the current regulations for the Month-to-Month rate option will be applied to the Channel Termination upon expiration of the billing period.<sup>(1)</sup>

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.

- (1) [DELETED]
- (2) Effective November 1, 2022, DS1 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.
- (3) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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)****7.11 High Capacity Service<sup>(4)</sup> (Cont'd)**

(N)

**7.11.5 Rates and Charges General Description (Cont'd)****7.11.5.1 DS3 High Capacity Service Rate Description<sup>(2)(3)</sup> (Cont'd)****(A) DS3 High Capacity Service Billing Period (Cont'd)**

No nonrecurring charges will apply as long as the same number of DS3s is renewed. Any change in the number of DS3s will incur appropriate nonrecurring charges.

The customer may elect to extend an existing DS3 under a 1, 3 or 5 year billing period for a single, additional 12 month period at the current rates for the existing billing period provided the same number of DS3 circuits are being extended.

If the current DS3 rates are lower than the original DS3 rates, the lower rate will be charged.

The customer must provide the Utility 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.

An existing DS3 under a 1 or 3 year billing period may be converted to a DS3 under a longer term 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 agreements,
- (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) [DELETED]

(2) Effective November 1, 2022, DS1 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.

(3) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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)

7.11 High Capacity Service<sup>(3)</sup> (Cont'd) (N)

## 7.11.5 Rates and Charges General Description (Cont'd)

7.11.5.1 DS3 High Capacity Service Rate Description<sup>(1)(2)</sup> (Cont'd)

## (B) DS3 High Capacity Service Termination Charges

(1) In the event service is terminated prior to the expiration of the billing period, termination charges will apply. Termination charges do not apply to Month-to-Month service. In the event service is terminated prior to the end of the billing period, a termination charge utilizing the following termination percentage will apply:

Billing Period	Termination Percentage
1, 3 or 5-year	45%

The termination charge is calculated as follows:

$$\text{Monthly Rate} \times \frac{\text{Months Remaining}}{\text{in Billing Period}} \times \text{Termination Percentage}$$

Example: A customer with a \$5,000 monthly rate terminates service with 10 months remaining in a 3 year billing period. The termination charge would be calculated as follows:

$$\$5,000 \times 10 \times .45 = \$22,500$$

The termination charge would be: \$22,500

(2) Customers requesting the termination of a DS3 under a 1, 3 or 5-year billing period prior to the expiration date of an extension of service will be charged a termination charge calculated as follows:

$$\frac{\text{Number of Months Utilized of the Service}}{\text{Current Month-to-Month Rate}} \times \frac{\text{Billing Period Extension of Month}}{\text{Billing Monthly Rate}}$$

(3) When a DS3 High Capacity Service, which is billed under the Shared Use provision is terminated, the termination liability will be based on the full charges as listed in 7.11.5.2 following.

(4) A termination charge will not apply if the customer modifies service as set forth in 7.2.3 (Moves), preceding, as long as the customer maintains the same or greater number of DS3 circuits.

(1) Effective November 1, 2022, DS1 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.

(2) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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)****7.11 High Capacity Service<sup>(4)</sup> (Cont'd)**

(N)

**7.11.5 Rates and Charges General Description (Cont'd)****7.11.5.2 DS1 Term Payment Plan (DS1 TPP)****(A) General Description**

For Term Payment Plans beginning prior to November 25<sup>th</sup>, 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.<sup>(1)(2)(3)</sup> 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 Section 22.

For Term Payment Plans beginning on or after November 25<sup>th</sup>, 2019:

New Term Payment Plan customers will be required to pay the lower of (1) the Term Payment 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 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 as described in 7.2 (Rate Regulations):

- DS1 High Capacity Service Channel Termination;
- DS1 High Capacity Service Channel Mileage - Channel Mileage Facility (per mile) and Channel Mileage Termination (per termination);
- DS1 High Capacity Service Central Office Multiplexing;
- DS1 High Capacity Service Collocation Transport (Fixed and Per Mile)

- (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- and 7-year Payment Plan term for the remainder of that term.
- (2) Effective November 1, 2022, DS1 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.
- (3) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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)****7.11 High Capacity Service<sup>(1)</sup> (Cont'd)**

(N)

**7.11.5 Rates and Charges General Description (Cont'd)****7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)****(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.

**(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.

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

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Service<sup>(1)</sup> (Cont'd) (N)

7.11.5 Rates and Charges General Description (Cont'd)

7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)

(C) Moves (Cont'd)

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 for the physical move will apply.

(D) Expiration of DS1 TPP Term options

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.

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

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

7.11 High Capacity Service<sup>(5)</sup> (Cont'd) (N)  
7.11.5 Rates and Charges General Description (Cont'd)  
7.11.5.2 DS1 Term Payment Plan (DS1 TPP)<sup>(4)</sup> (Cont'd)  
(E) DS1 High Capacity Service Portability Commitment<sup>(2)</sup>

DS1 High Capacity Service Portability Commitment<sup>(2)</sup> 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 7.11.5.2(G), during the life of the Portability Commitment<sup>(2)</sup>. The Portability Commitment<sup>(2)</sup> will consist of a Commitment Level (CL), as described below, and will have a term of three years. The Portability Commitment<sup>(2)</sup> does not otherwise affect the rates, terms, or conditions of the Customer's DS1 TPP. The Portability Commitment<sup>(2)</sup> 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<sup>(2)</sup> term.

Customers may purchase DS1 service under DS1 TPP terms of 2, 3, 5, or 7-years<sup>(1)(3)</sup> and have the associated Channel Terminations count towards the CL.

Following are the terms and conditions associated with the Portability Commitment<sup>(2)</sup>:

- (1) Customer commits to a 3-Year Commitment Level (CL) that is reviewed on a monthly basis. The initial monthly CL is calculated by 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<sup>(2)</sup> will be the first day of the month immediately following the month in which the Portability Commitment<sup>(2)</sup> is signed;
- (2) 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;<sup>(1)</sup>
- (3) At the commencement of the Customer's Portability Commitment<sup>(2)</sup> and upon any renewal of a Portability Commitment<sup>(2)</sup>, at least 80 percent of the Customer's CL must be purchased under a 2, 3, 5, or 7-year<sup>(1)</sup> 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- and 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 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.

(4) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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)****7.11 High Capacity Service<sup>(4)</sup> (Cont'd)**

(N)

**7.11.5 Rates and Charges General Description (Cont'd)****7.11.5.2 DS1 Term Payment Plan (DS1 TPP)<sup>(3)</sup> (Cont'd)****(E) DS1 High Capacity Service Portability Commitment<sup>(1)(2)</sup> (Cont'd)**

(4) 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;

(a) 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.

(b) 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 current Nonrecurring Channel Termination rate. 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 current nonrecurring Channel Termination rate, 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 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.

(3) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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)

7.11 High Capacity Service<sup>(2)</sup> (Cont'd)

(N)

## 7.11.5 Rates and Charges General Description (Cont'd)

## 7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)

(E) DS1 High Capacity Service Portability Commitment<sup>(1)</sup>  
(Cont'd)

## (4) (Cont'd)

(c) If the total number of in-service Channel Terminations, as calculated above, is more than 124% of the CL, 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.

(d) Customers may increase the Commitment Level (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).

<sup>(1)</sup> 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.

<sup>(2)</sup> See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Service<sup>(2)</sup> (Cont'd)

(N)

7.11.5 Rates and Charges General Description (Cont'd)

7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)

(E) DS1 High Capacity Service Portability Commitment<sup>(1)</sup>  
(Cont'd)

(4) (Cont'd)

(e) If the customer elects to terminate the DS1 High Capacity Service Portability Commitment 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 prevailing Month-to-Month recurring rate multiplied by the number of months remaining in the term of the Portability Commitment<sup>(1)</sup>.

EXAMPLE #3:

Customer C has a CL equal to 1,000 Channel Terminations. In month 10 of the 36-month Portability Commitment<sup>(1)</sup>, 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 (prevailing Month-to-Month Rate)

EXAMPLE #4:

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

(500 Channel Terminations) X (16 months remaining) X (prevailing Month-to-Month Rate)

<sup>(1)</sup> 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.

<sup>(2)</sup> See Part 2, Section 2.1.4(A) for Service availability.

(N)

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.11 High Capacity Service<sup>(4)</sup> (Cont'd) (N)

7.11.5 Rates and Charges General Description (Cont'd)

7.11.5.2 DS1 Term Payment Plan (DS1 TPP)<sup>(2)(3)</sup> (Cont'd)

(F) Applicable One-Time Charges

(1) DS1 Term Payment Plan Non-Recurring Charges

Non-recurring 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 7.11.5.2(E) previously, for customers who have a DS1 High Capacity Service Portability Commitment<sup>(1)</sup>.

(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 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.

(3) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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)

7.11 High Capacity Service<sup>(1)</sup> (Cont'd) (N)

7.11.5 Rates and Charges General Description (Cont'd)

7.11.5.2 DS1 Term Payment Plan (DS1 TPP) (Cont'd)

(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 Section 5.2.5 (Minimum Period), will apply in addition to the termination liability charges identified in 7.11.5.2(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:

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

7.11.5.3 Rates and Charges

Rates and Charges are found in Section 22.

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

## ACCESS SERVICE

## 22. Metropolitan Statistical Area Access Services (Cont'd)

## 22.5 Rates and Charges (Cont'd)

## 22.5.2 Special Access Service (Cont'd)

22.5.2.5 High Capacity Service<sup>(6)</sup>

(N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination (Per Point of Termination)			
- 1.544 Mbps	TMECS	\$4,545.80 (I)	\$300.00
- 3.152 Mbps	TWT++	ICB	ICB
- 6.312 Mbps	TWT++	ICB	ICB
- 44.736 Mbps (Month-to-Month)	Z3MAC/Z3MAP	57,427.76 (I)	1,500.00
(Monthly Extension)		57,427.76 (I)	1,500.00
(1 Year Plan) <sup>(3) (5)</sup>	and Z31A+	11,070.70	1,000.00
(3 Year Plan) <sup>(3) (4)</sup>	and Z31A+	4,758.38	250.00
(5 Year Plan) <sup>(2)</sup>	and Z31A+	900.00	0.00
- 274.176 Mbps	TWT++	ICB	ICB

(1) [DELETED]

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

(3) For term pricing plans effective on or after November 25<sup>th</sup>, 2019 see terms in section 22.4(F) of this guidebook.

(4) Effective November 1, 2022, DS1 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.

(5) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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

## 22. Metropolitan Statistical Area Access Services (Cont'd)

## 22.5 Rates and Charges (Cont'd)

## 22.5.2 Special Access Service (Cont'd)

22.5.2.5 High Capacity Service<sup>(7)</sup> (Cont'd)

(N)

	<u>USOC</u>	<u>Monthly Rates</u>
(B) Channel Mileage <sup>(2)</sup>		
(1) Channel Mileage Facility (Per Mile)		
– 1.544 Mbps	1L5XX/CMF	\$351.21
– 3.152 Mbps	CMF	ICB
– 6.312 Mbp	CMF	ICB
– 44.736 Mbps	1L5XX/CMF	
(Month-to-Month)		1,033.08
(Monthly Extension)		1,033.08
(1 Year Plan) <sup>(4)(6)</sup>		285.96
(3 Year Plan) <sup>(4)(5)</sup>		188.33
(5 Year Plan) <sup>(3)</sup>		35.00
– 274.176 Mbps	CMF	ICB
(2) Channel Mileage Termination (Per Termination)		
– 1.544 Mbps	1L5XX/CMF	1,721.79
– 3.152 Mbps	CMT	ICB
– 6.312 Mbp	CMT	ICB
– 44.736 Mbps	1L5XX/CMF	
(Month-to-Month)		8,609.33
(Monthly Extension)		8,609.33
(1 Year Plan) <sup>(4)(6)</sup>		2,577.22
(3 Year Plan) <sup>(4)(5)</sup>		1,741.42
(5 Year Plan) <sup>(3)</sup>		332.50
– 274.176 Mbps	CMT	ICB
(1) [DELETED]		
(2) When the customer orders High Capacity Service as described in Part 15, Section 7, paragraph 7.11 and Part 15, Section 7, paragraph 7.11.5.2, preceding, the Channel Mileage Facility must be ordered in conjunction with an associated Channel Termination as described in Part 15, Section 7, paragraph 7.2.1(A).		
(3) Effective on September 13, 2017, DS3 High Capacity Service 5-year Payment Plans are no longer available, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a DS3 High Capacity Service 5-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current DS3 High Capacity Service 5-year Payment Plan term for the remainder of that term.		
(4) For term pricing plans effective on or after November 25 <sup>th</sup> , 2019 see terms in section 22.4(F) of this guidebook.		
(5) Effective November 1, 2022, DS1 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.		
(6) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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

## 22. Metropolitan Statistical Area Access Services (Cont'd)

## 22.5 Rates and Charges (Cont'd)

## 22.5.2 Special Access Service (Cont'd)

22.5.2.5 High Capacity Service<sup>(8)</sup> (Cont'd)

(N)

	<u>USOC</u>	<u>Monthly Rates</u>
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## (C) Optional Features and Functions

## (1) Multiplexing, per arrangement

DS4 to DS1	MXA++	ICB
DS3 to DS1		
Month-to-Month	MQ3	\$31,019.10 (I)
Monthly Extension	MQ3	31,019.10 (I)
1 Year <sup>(5)</sup> (7)	MQ3	14,631.28
3 Year <sup>(5)</sup> (6)	MQ3	9,794.00
5 Year <sup>(2)</sup>	MQ3	400.00
DS2 to DS1	MXD++	ICB
DS1C to DS1	MXH++	ICB
DS1 to Voice/Digital <sup>(3) (4)</sup>	MQ1/MQ1++	10,392.60 (I)
DS1 to DS0 <sup>(4)</sup>	QMU/QMUA1	10,392.60 (I)
DS0 to Subrates <sup>(4)</sup>		
- Up to 20 2.4 kbps services	QSU24	175.00
- Up to 10 4.8 kbps services	QSU48	175.84
- Up to 5 9.6 kbps services	QSU96	124.84

- (1) [DELETED]
- (2) Effective on September 13, 2017, DS3 High Capacity Service 5-year Payment Plans are no longer available, including for any otherwise available renewals, extensions or conversions. Circuits already subject to a DS3 High Capacity Service 5-year Payment Plan, as of September 13, 2017, will continue to be provided under the then-current DS3 High Capacity Service 5-year Payment Plan term for the remainder of that term.
- (3) A channel of this DS1 to a multiplexing Hub can be used for Digital Data Service.
- (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) For term pricing plans effective on or after November 25<sup>th</sup>, 2019 see terms in section 22.4(F) of this guidebook.
- (6) Effective November 1, 2022, DS1 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.
- (7) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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

## 22. Metropolitan Statistical Area Access Services (Cont'd)

## 22.5 Rates and Charges (Cont'd)

## 22.5.2 Special Access Service (Cont'd)

22.5.2.5 High Capacity Service<sup>(3)</sup> (Cont'd)

(N)

	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charge</u>
(C) Optional Features and Functions (Cont'd)			
(2) Multiplexer Cross-Connect	1L5TC	\$10.00	\$80.00
- per cross-connect, per central office			
(3) Transfer Arrangement (dial-up) <sup>(1)</sup>			
- per four port arrangement including control channel termination <sup>(2)</sup>	USV	ICB	
(D) DS1/DS3 Rollover			
- per DS1 Channel Termination	NRBR1/NRBRH	300.00	
- per DS3 Channel Termination	NRBR3	825.00	

(1) The Dial-Up option requires the customer to purchase the Controller Arrangement from paragraph 13.3.7 of Nevada Bell Telephone Company, LLC's Tariff F.C.C. No. 1.

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

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

## ACCESS SERVICE

## 22. Metropolitan Statistical Area Access Services (Cont'd)

## 22.5 Rates and Charges (Cont'd)

## 22.5.2 Special Access Service (Cont'd)

22.5.2.5 High Capacity Service<sup>(6)</sup> (Cont'd) (N)

	<u>USOC</u>	Monthly Rate <u>Fixed</u>	Monthly Rate <u>Per Mile</u>	Nonrecurring Charges <u>1st Ckt.</u>	Nonrecurring Charges <u>Addl Ckt.</u>
(E) Collocation Transport					
1.544 Mbps	1H48S	\$54.70	\$9.00	\$300.00	\$300.00
44.736 Mbps	1H48S				
Month-to-Month		375.00	45.00	1,500.00	1,500.00
Monthly Extension		375.00	45.00		
1 Year <sup>(3) (5)</sup>		342.50	38.00	1,000.00	1,000.00
3 Year <sup>(3) (4)</sup>		337.50	36.50	0.00	0.00
5 Year <sup>(2)</sup>		332.50	35.00	0.00	0.00

(1) [DELETED]

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

(3) For term pricing plans effective on or after November 25<sup>th</sup>, 2019 see terms in section 22.4(F) of this guidebook.

(4) Effective November 1, 2022, DS1 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.

(5) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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

## 22. Metropolitan Statistical Area Access Services (Cont'd)

## 22.5 Rates and Charges (Cont'd)

## 22.5.2 Special Access Service (Cont'd)

22.5.2.5 High Capacity Service<sup>(6)</sup> (Cont'd)

(N)

## 22.5.2.5.1 DS1 Term Payment Plan

Rates and charges for the DS1 Term Payment Plan<sup>(1) (3) (4) (5)</sup>

	USOC	1 Year	2 Year	3 Year	5 Year	7 Year
(1) Channel Termination						
– Per Point of Termination	TMECS	\$1,033.27(I)	\$670.56(I)	\$555.54(I)	\$105.00	\$100.00
(2) Channel Mileage						
– Channel Mileage Termination (per termination)	1L5XX	413.87(I)	232.18(I)	206.40(I)	35.00	32.50
– Channel Mileage Facility (per mile)	1L5XX	92.17(I)	61.92(I)	47.72(I)	8.50	8.25
(3) Central Office Multiplexing	MQ1,					
DS1 to DS0	MQ1++,					
voice/digital <sup>(2)</sup>	QMUA1,					
– Per arrangement	QMU, QMU++	374.40	273.60	244.80	160.00	150.00
(4) Collocation Transport						
– Channel Mileage						
– Fixed	1H48S	50.00	45.00	40.00	35.00	32.50
– Per Mile	1H48S	9.00	9.00	8.75	8.50	8.25

(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- and 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 term pricing plans effective on or after November 25<sup>th</sup>, 2019 see terms in section 22.4(F) of this guidebook.

(4) Effective November 1, 2022, DS1 Term Payment Plan 2- and 3-year and DS3 High Capacity Service 3-year Payment Plans (collectively, Term Plan Services), are no longer available, including conversions. Existing Term Plan Services, as of November 1, 2022, will continue to be provided under the then-current terms, for the remainder of the applicable term.

(5) Effective January 17, 2024, DS1 Term Payment Plan 1-year and DS3 High Capacity Service 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**

## 22. Metropolitan Statistical Area Access Services (Cont'd)

## 22.5 Rates and Charges (Cont'd)

## 22.5.2 Special Access Service (Cont'd)

22.5.2.5 High Capacity Service<sup>(2)</sup> (Cont'd)

(N)

## 22.5.2.5.1 DS1 Term Payment Plan (Cont'd)

(5) Nonrecurring Charges <sup>(1)</sup>	<u>USOC</u>	<u>Rate</u>
- One Time Charges		
- Per point of channel termination		
- Channel Termination	TMECS	\$900.00
- Collocation Transport	1H48S	900.00

## 22.5.2.6 Reserved for Future Use

## 22.5.2.7 Reserved for Future Use

## 22.5.2.8 Reserved for Future Use

## 22.5.2.9 Reserved for Future Use

## 22.5.2.10 Reserved for Future Use

(1) 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.

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

(N)

(M1) Material now appears on 1st Revised Page 14.

(M2) Material formerly appeared on 1st Revised Page 19.

(M3) Material formerly appeared on 1st Revised Page 23.