

AT&T OKLAHOMA ACCESS AND RELATED INTERCONNECTION SERVICES GUIDEBOOK

PART 2 - Provisions
SECTION 2 - General Conditions

2nd Revised Page 4

ACCESS SERVICE

2. General Regulations (cont'd)

2.1 Undertaking of the Company (cont'd)

2.1.4 Provision of Services

- (A) The Company will provide to the customer, upon reasonable notice, services offered in this Guidebook at the specified rates and charges, to the extent that such services are or can be made available with reasonable effort and after provisions have been made for the Company's Telephone Exchange Service.

In the event that the customer's request cannot be fulfilled with existing facilities and equipment or the request is not consistent with the Company's filed guidebooks and technical references contained therein, alternative designs may be provided by the Company. Additionally, the Company will work with the customer to reach an agreeable solution.

The Company may discontinue certain Company services in geographic areas for which the Company has no customers subscribing to those services.

Effective November 1, 2025, High Capacity DS1 and MegaLink Custom DS3 Services will no longer be available for purchase by new or existing customers. This action does not apply to Local Interconnections, Tandem Switched Access, SS7, or E911 selective router terminations. Requests for renewals, moves, adds, or changes to 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 rates until Service is discontinued. For the avoidance of doubt, this action does not supersede any prior grandfathering or discontinuance of these Services in specific wire centers.

(N)
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(N)

- (B) The services provided under this Guidebook are provided over such routes and facilities as the Company may elect. Requests for special facilities or routing of access service will be provided in accordance with Section 11 (Special Facilities Routing of Access Services) or Section 14 (Special Construction), as appropriate.
- (C) The services in this Guidebook will be provided as follows:
- (1) The service will include any entrance cable or drop wiring and wiring as set forth in Part 68 of the F.C.C.'s Rules and Regulations.
 - (2) The service will be installed by the Company to such point of termination. Access Service is provided with only one point of termination per customer request; the Company will provide additional points of termination at an additional charge. The charge for additional points of termination will include the cost of additional materials and labor. The labor rates, as set forth in 13.4.2(C)(Charges for Additional Labor), will apply.

ACCESS SERVICE

5. Ordering for Access Service (cont'd)⁽²⁾ (N)

5.2 Access Order (cont'd)

5.2.1 Ordering Conditions (cont'd)

Except as provided below, the Company shall permit a requesting telecommunications carrier to commingle an unbundled network element or a combination of unbundled network elements with wholesale services obtained from the Company, to the extent provided by and subject to the terms and conditions of the requesting telecommunications carrier's interconnection agreement with the Company (or, if applicable, of the Company intrastate guidebooks or tariffs).⁽¹⁾

The Company need not provide access to (1) an unbundled DS1 loop in combination, or commingled, with a dedicated DS1 transport or dedicated DS3 transport facility or service, or to an unbundled DS3 loop in combination, or commingled, with a dedicated DS3 transport facility or service, or (2) an unbundled dedicated DS1 transport facility in combination, or commingled, with an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled dedicated DS3 transport facility in combination, or commingled, with an unbundled DS1 loop or a DS1 channel termination service, or to an unbundled DS3 loop or a DS3 channel termination service, unless the requesting telecommunications carrier certifies that all of the following conditions are met.⁽¹⁾

- (1) The following criteria are satisfied for each combined circuit, including each DS1 circuit, each DS1 enhanced extended link, and each DS1-equivalent circuit on a DS3 enhanced extended link:
 - (i) Each circuit to be provided to each end user customer will be assigned a local number prior to the provision of service over that circuit;

(1) In the event the Commission or a court, pursuant to any regulatory or judicial review of the Commission's Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers, Report and Order and Order on Remand and Further Notice of Proposed Rulemaking, CC Docket No. 01-338, FCC 03-36, para. 581 (released Aug. 21, 2003) (Triennial Review Order), vacates, stays, remands, reconsiders, or rejects the portion of the Triennial Review Order requiring ILECs to permit commingling, the terms and conditions of this Guidebook authorizing commingling, which are identified with a footnote, shall cease to be effective as of the effective date of the Commission order or the issuance of the court's mandate. In that event, the Company will provide customers that have commingled UNE(s) and/or UNE Combination(s) with wholesale services obtained under this Guidebook written notice that, within 30 days, customers must either convert such UNE(s) or UNE Combination(s) to a comparable service, or disconnect such UNE(s) and/or UNE Combination(s) from those wholesale services. Failure to provide the Company instructions to convert or disconnect such UNE(s) and/or UNE Combination(s) within 30 days, as described above, shall be deemed authorization to convert the UNE(s) and/or UNE Combination(s) to comparable access services at month-to-month rates.

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

ACCESS SERVICE

5. Ordering for Access Service (cont'd)⁽²⁾ (N)

5.2 Access Order (cont'd)

5.2.1 Ordering Conditions (cont'd)

- (ii) Each DS1-equivalent circuit on a DS3 enhanced extended link must have its own local number assignment, so that each DS3 must have at least 28 local voice numbers assigned to it;
- (iii) Each circuit to be provided to each end user customer will have 911 or E911 capability prior to the provision of service over that circuit;
- (iv) Each circuit to be provided to each end user customer will terminate in a collocation arrangement that meets the requirements detailed below;
- (v) Each circuit to be provided to each end user customer will be served by an interconnection trunk that meets the requirements detailed below;
- (vi) For each 24 DS1 enhanced extended links or other facilities having equivalent capacity, the requesting telecommunications carrier will have at least one active DS1 local service interconnection trunk that meets the requirements detailed below; and
- (vii) Each circuit to be provided to each end user customer will be served by a switch capable of switching local voice traffic.

A collocation arrangement meets the requirements in (iv), above, if it is:

- (1) Established pursuant to section 251(c)(6) of the Act and located at the Company's premises within the same LATA as the customer's premises, when the Company is not the collocator; and
- (2) Located at a third party's premises within the same LATA as the customer's premises, when the Company is the collocator.

An interconnection trunk meets the requirements of (v) and (vi) above in this certification if the requesting telecommunications carrier will transmit the calling party's number in connection with calls exchanged over the trunk and the trunk is located in the same LATA as the customer premises served by the EEL.⁽¹⁾

- (1) In the event the Commission or a court, pursuant to any regulatory or judicial review of the Commission's *Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers*, Report and Order and Order on Remand and Further Notice of Proposed Rulemaking, CC Docket No. 01-338, FCC 03-36, para. 581 (released Aug. 21, 2003) (*Triennial Review Order*), vacates, stays, remands, reconsiders, or rejects the portion of the Triennial Review Order requiring ILECs to permit commingling, the terms and conditions of this Guidebook authorizing commingling, which are identified with a footnote, shall cease to be effective as of the effective date of the Commission order or the issuance of the court's mandate. In that event, the Company will provide customers that have commingled UNE(s) and/or UNE Combination(s) with wholesale services obtained under this Guidebook written notice that, within 30 days, customers must either convert such UNE(s) or UNE Combination(s) to a comparable service, or disconnect such UNE(s) and/or UNE Combination(s) from those wholesale services. Failure to provide the Company instructions to convert or disconnect such UNE(s) and/or UNE Combination(s) within 30 days, as described above, shall be deemed authorization to convert the UNE(s) and/or UNE Combination(s) to comparable access services at month-to-month rates.
- (2) See Part 2 Section 2.1.4(A) for service availability. (N)

ACCESS SERVICE

5. Ordering for Access Service (cont'd)⁽¹⁾ (N)

5.2 Access Order (cont'd)

5.2.3 Service Provisioning Interval (cont'd)

Access Services will be installed during Company business days. If a customer requests that installation be done outside of normally scheduled work hours, and the Company agrees to this request, the customer will be subject to applicable charges described in 13.2 (Additional Labor).

5.2.3.1 Negotiated Interval

The Company will negotiate a service date interval with the customer when:

- (A) There is no standard interval for the service, or
- (B) The quantity of Access Service Orders exceeds the quantities specified in Section 5.3.2 (C) (1) or
- (C) The customer requests a service date beyond the applicable standard interval service date.

Standard Intervals

Analog/Voice Grand/DS0	10 days
DS1	5 days

The Company will offer a service date based on the type and quantity of Access Services the customer has requested. The negotiated interval may not exceed by more than six months the standard interval service date, or, when there is no standard interval, the Company offered service date.

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

(N)

ACCESS SERVICE

5. Ordering for Access Service (cont'd)⁽¹⁾

(N)

5.3 Rate Regulations (cont'd)

5.3.2 Access Order Modification Charges (cont'd)

(C) Expedited Order Charge

- (1) Analog (Metallic, Telegraph), Voice Grade, DS0 (MegaLink Data and DoveLinksm) and DS1 Access Services.

If a customer desires that service be provided on an earlier date than the standard intervals, the customer may request that service be provided on an expedited service interval. To qualify for an expedited interval the customer must provide End User premises access, where needed, until 11 PM (CT), Monday-Friday.

When the customer requests a 0-2 day expedite interval, on Analog (Metallic, Telegraph), DS0 (MegaLink Data, DoveLink) Access Services, the request must be received by the Company by 8:30 AM (CT), Monday – Friday. All 0-2 day expedite interval requests received after 8:30AM (CT) will reflect an application date of the next business day and the due date will also be changed to the next business day. Expedite charges will be determined by the interval between the application date and the expedite due date. APP day 0 does not begin until the Company verifies facilities or determines facilities are not in place.

If, upon reviewing availability of equipment, facilities and scheduled workload, the Company agrees to provided service on an expedited basis and the customer accepts this proposal, an Expedited Order Charge will apply (in case of Analog, Voice Grade, DS0 and DS1 Access Services).

The Maximum number of circuits, which may be expedited, is limited to twelve (12) two-point or six (6) multi-point Analog/ DS0 circuits at the same location; and a limit of nine (9) DS1 circuits at the same location. When the number of access circuits exceeds the maximum threshold the interval will be negotiated.

If the Company determines that service can be provided on an expedited basis, the following charges will apply based upon agreed upon expedited service interval. The Expedited Order Charge (in case of Analog, Voice Grade, DS0 and DS1 Access Services) applies on a per order basis, regardless of the number of circuits on the order

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

(N)

ACCESS SERVICE

5. Ordering for Access Service (cont'd)⁽¹⁾ (N)

5.3 Rate Regulations (cont'd)

5.3.2 Access Order Modification Charges (cont'd)

(C) Expedited Order Charge (cont'd)

- (1) Analog (Metallic, Telegraph), Voice Grade, DSO (Megalink Data) and DS1 Access Services (cont'd)

<u>USOC</u>	<u>Analog/Voice Grade/DS0 Access Services</u>	
	<u>Expedited Service Intervals</u>	<u>Expedited Order Charge</u>
EODXN	9 days	\$ 375.00
EODXL	8 days	425.00
EODXJ	7 days	475.00
	+	
EODXG	6 days	525.00
EODXE	5 days	575.00
EODXC	4 days	625.00
EODXA	3 days	675.00
EODWR	2 days	1,500.00
EODWQ	1 days	2,000.00
EODWP	0 days	2,500.00

<u>USOC</u>	<u>DS1 Access Services</u>	
	<u>Expedited Service Intervals</u>	<u>Expedited Order Charge</u>
EODXR	4 days	\$ 625.00
EODXP	3 days	675.00
EODWO	2 days	1,500.00
EODWN	1 days	2,000.00
EODWM	0 days	2,500.00

- (a) In addition to expedited order charges, special construction charges may apply, if the Company determines that additional cost will be incurred.
- (b) When the request for expediting occurs subsequent to the issuance of the Access Order, a Service Date Change Charge as specified in (B), preceding, also applies.
- (c) If the Company is subsequently unable to meet an agreed upon expedited service date, no Expedite Order Charge or Expedite Circuit Charge will apply, unless the missed service date was caused by the customer.
- (d) The Company will adhere to the expedite intervals as specified above, except during circumstances beyond its direct control (i.e., acts of God, governmental requirements, work stoppages and civil commotions).

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

(N)

ACCESS SERVICE

5. Ordering for Access Service (cont'd)⁽¹⁾ (N)

5.3 Rate Regulations (cont'd)

5.3.2 Access Order Modification Charges (cont'd)

(C) Expedited Order Charge (cont'd)

(2) For all Access Services, excluding Analog, Voice Grade, DS0 and DS1 Access Services

If the customer desires that service be provided on an earlier date than that which has been established for the access order or the provision of the Access Service, the customer may request that service be provided on an expedited basis. If the Company determines that service can be provided on the requested date and that additional labor costs or extraordinary costs are required to meet the requested service date, the customer will be notified and will be provided with an estimate of the additional charges involved. The total charge to the customer for the Additional Engineer may not exceed the estimated amount by more than 10%. If the customer instructs the Company to proceed, such additional charges will be determined and billed to the customer as follows:

To calculate the additional labor charges, the Company will, upon authorization from the customer to incur the additional labor charges, keep track of the additional labor hours used to meet the request of the customer and will bill the customer at the applicable addition labor charges, as set forth in 13.4.

- (a) Extraordinary Costs. The special construction terms and conditions, specified in Section 14 of this Guidebook will be used by the Company to determine charges to recover the extraordinary costs which may be involved. Authorization to incur the costs and to bill the customer will be in accordance with the terms and conditions of Section 14.
- (b) When the request for expediting occurs subsequent to the issuance of the access order, a Service Date Change Charge, as specified in (B), preceding, also applies.
- (c) If the Company is subsequently unable to meet an agreed upon expedited service date, no Expedited Order Charge will apply, unless the missed service date was caused by the customer.
- (d) The Company will adhere to customer requested expedites approved by the Company, except during circumstances beyond its direct control (i.e., acts of God, governmental requirements, work stoppages and civil commotions).

(D) Partial Cancellation Charge

Any decrease in the number of the following Access Services or Arrangements ordered will be treated as a partial cancellation and the charges described in 5.3.3 will apply.

- MegaLink Custom Service Channels
- Special Access Channels

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

(N)

ACCESS SERVICE

7. Special Access Service⁽³⁾ (N)

The following list matches the Company's Basic Service Element (BSE) names to the industry standard names for each BSE.

<u>Company Names</u>	<u>Generic Name of ONA Service</u>
Bridging	Bridging
- Central Office Bridging Capability	
- Telegraph ⁽²⁾ Bridging	
Clear Channel Capability on 1.544 Mbps	Access To Clear Channel Transmission
Conditioning	Conditioning
Extended Superframe Format Conditioning	Extended Superframe Conditioning
Multiplexing	Multiplexing - Digital
- Central Office Multiplexing	
Secondary Channel Capability	Secondary Channel Capability

7.1 Service Provisioning

Special Access Service includes all exchange access not utilizing Company end office switches.

Special Access Service, with the exception of Network Reconfiguration Service provides a transmission path connecting customer-designated premises^{/1/}, either directly or through a Company Hub where bridging, multiplexing, Network Reconfiguration Service functions are performed. Network Reconfiguration Service, as set forth in Section 15 (Network Management Services), works in conjunction with Special Access Service allowing customers the ability to reconfigure their circuits.

The connections provided by Special Access Service can be either analog or digital. Analog connections are differentiated by spectrum and bandwidth. Digital connections are differentiated by bit rate.

^{/1/} Company Centrex CO-like switches and Company Answering Service Concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Guidebook.

⁽²⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽²⁾ (N)

7.1 Service Provisioning (cont'd)

7.1.1 Types of Service Configurations (cont'd)

(C) Multiplexed Service

Multiplexed service is an arrangement that allows the conversion of Voice Grade⁽²⁾, Analog⁽²⁾, and Digital High Capacity facilities to lower capacity or bandwidth. The types of multiplexing available are as follows:

(1) Voice Grade to Telegraph (43 Type Carrier)⁽¹⁾

An arrangement that converts a Voice Grade channel to Telegraph Grade channels using frequency division multiplexing.

(2) High Capacity (DS1) to Voice Grade

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade⁽¹⁾ services. A channel of this DS1 to the hub can also be used for MegaLink Data⁽¹⁾, or Metallic⁽¹⁾ service.

(3) High Capacity (DS1) to DS0

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

(4) High Capacity DS0 to Subrate⁽¹⁾

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.

(5) DS0 to Subrate⁽¹⁾

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.

(D) Reserved for Future Use

(E) Service to Service Through Connect Arrangement

The Service to Service Through Connect Arrangement rate element provides for an interconnection of like services in a Company Hub or serving wire center.

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽²⁾ (N)

7.1 Service Provisioning (cont'd)

7.1.2 Types of Channels

For the purpose of ordering, there are seven categories (channel types) of Special Access Service. These are as follows:

Metallic⁽¹⁾
Telegraph Grade⁽¹⁾
Voice Grade⁽¹⁾

MegaLink Data⁽¹⁾
High Capacity

Detailed descriptions of each of the channel types are provided in 7.3 (Service Descriptions, Rates and Charges).

7.1.3 Hubs

(A) General

A hub is a Company designated serving wire center at which bridging, multiplexing or Network Reconfiguration Service functions are performed.

The bridging functions (1) connect three or more customer-designated premises in a multipoint arrangement, (2) connect full-time and/or part-time video services as set forth in 7.3.6, or (3) reterminate Network Reconfiguration Service, as set forth in Section 15 (Network Management Services).

The multiplexing functions channelize analog or digital facilities to individual services requiring a lower capacity or bandwidth.

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.

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽²⁾ (N)

7.1 Service Provisioning (cont'd)

7.1.3 Hubs (cont'd)

(A) General (cont'd)

End to end services may be provided on channels of these facilities to a hub. The transmission performance for the end to end service provided between customer-designated premises will be that of the lower capacity or bit rate. For example, when a 1.544 Mbps facility is multiplexed to voice frequency channels, the transmission performance of the channelized services will be Voice Grade⁽¹⁾, not High Capacity.

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

- The Network Reconfiguration Service Offering allows the customer to reconfigure their Special Access Services.

(B) Types of Hubs

There are two types of bridging hubs and three types of multiplexing hubs. Bridging hubs are either intermediate or terminus. Multiplexing hubs are intermediate, super intermediate or terminus. The definitions for these hubs are as follows:

(1) Intermediate Bridging Hub

An intermediate bridging hub provides for the connection of three or more customer-designated premises to form a Special Access multipoint service serving itself and a specified number of subtending wire centers.

Single office(s), subtending from different intermediate bridging hubs, that are to be bridged with multiple offices subtending from a common intermediate bridge will be bridged with the multiple offices at the common bridging hub.

(2) Terminus Bridging Hub

A terminus bridging hub provides for the connection of three or more customer-designated premises to form a Special Access multipoint service within that bridging hub. For the purpose of multipoint service, the only instance when a terminus bridging hub may be connected to another office will be to interconnect to another bridging office when a bridging function is being performed.

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽²⁾ (N)
- 7.1 Service Provisioning (cont'd)
- 7.1.3 Hubs (cont'd)

(B) Types of Hubs (cont'd)

(3) Intermediate Multiplexing Hub

An intermediate multiplexing hub converts from higher to lower bit rate, or bandwidth, or from digital to voice grade⁽¹⁾ channels, serving itself and a specified number of subtending wire centers.

(4) Super Intermediate Multiplexing Hub

A super intermediate multiplexing hub converts from higher to lower bit rate, or bandwidth, or from digital to voice grade⁽¹⁾ channels, serving itself and/or subtending wire centers in an entire LATA, or one or more Numbering Plan Areas (NPAs).

(5) Terminus Multiplexing Hub

A terminus multiplexing hub converts from higher to lower bit rate, or bandwidth, or from digital to voice grade⁽¹⁾ channels, serving customers in that wire center only.

7.1.4 Ordering Options and Provisions

Each channel type is identified as a type of Special Access Service. However, such identification is not intended to limit a customer's use of the channel nor to imply that the channel is limited to a particular use. For example, if a customer's equipment is capable of transmitting voice over a channel that is identified as a Metallic⁽¹⁾ Service in this Guidebook, there is no restriction against doing so.

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

Additionally, the customer may specify optional features and BSEs for the individual channels derived from the facility to further tailor the channels to meet specific communications requirements. Descriptions of the optional features, BSEs and functions available are set forth in 7.3 (Service Descriptions, Rates and Charges).

The customer has the option of ordering Voice Grade⁽¹⁾ and High Capacity (digital) facilities (i.e., DS1 or DS3) to a Company Facility Hub for multiplexing to individual channels of lower capacity or bandwidth (i.e., Telegraph⁽¹⁾, Voice⁽¹⁾, etc.). 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 7.3 (Service Descriptions, Rates and Charges).

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽²⁾ (N)

7.1 Service Provisioning (cont'd)

7.1.4 Ordering Options and Provisions (cont'd)

For example, a customer may order a 1.544 Mbps facility from a customer-designated premises to a Company Hub for multiplexing to Voice Grade⁽¹⁾ channels, which may be extended to other customer-designated premises. Optional features and BSEs may be added to either the 1.544 Mbps or the Voice Grade⁽¹⁾ channels.

When ordering multipoint service, bridging or multiplexing, the customer will select the designated bridging hub(s) for his serving wire center from the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4 and will select the appropriate subtending wire centers from the Subtending Wire Center Section of F.C.C. No. 4. 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.

Special Access Service is ordered under the Access Order provisions set forth in Section 5 (Ordering for Access Service). 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.). Ordering provisions as set forth in 2.6 (Jointly Provided Access Services) will apply when more than one Exchange Company is involved.

7.1.5 Alternate Use

Alternate Use occurs when a service is arranged by the Company so that the customer can select different types of transmission at different times. A customer may use a service in any privately beneficial manner. However, where technical or engineering changes are required to effectuate an alternate use, the Company will make such special arrangements available on an individual case basis as set forth in Section 12 (Specialized Service or Arrangements).

(1) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽²⁾ (N)

7.1 Service Provisioning (cont'd)

7.1.7 Acceptance Testing

Testing and test results are available at the customer's request ,as follows:

- (A) At no additional charge, the Company will cooperatively test the following parameters at the time of installation:

- (1) For Voice Grade⁽²⁾ 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⁽²⁾ services, a balance test will be made if the customer has ordered the Improved Return Loss or Improved Equal Level Echo Path Loss optional features.

For other analog services (i.e., Metallic⁽¹⁾, Telegraph⁽¹⁾ and Video), acceptance tests will include tests for the parameters applicable to the service as specified by the customer in the order for service.

- (3) For digital services, acceptance tests will include tests applicable to the service as specified in the appropriate Technical References for MegaLink Data⁽¹⁾ and High Capacity services.

- (B) In addition to the above tests, Additional Cooperative Acceptance Testing for Voice Grade⁽²⁾ and Digital services to test other parameters, as described in 13.3.7(A) (Additional Cooperative Acceptance Testing), is available.

7.1.8 Design Layout Report

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

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽¹⁾ (N)****7.2 Rate Regulations**

This section contains the specific regulations governing the rates and charges that are applicable to Special Access Service.

Jurisdictional proration of rates and charges is set forth in 2.4 (Jurisdictional Report Requirements). Where Access Services are jointly provided, additional regulations are set forth in 2.6 (Jointly Provided Access Service).

7.2.1 Rate Elements

There are four basic rate elements which apply to Special Access Service.

Rates and charges (both monthly and nonrecurring) for Oklahoma will be applied as contained in Section 7.3.10 (High Capacity Service).

(A) Channel Termination

The Channel Termination rate element provides for the communications path between a customer-designated premises and the serving wire center of that premises, or for the communications path within a building which connects a customer's facilities with a customer-designated premises without routing through the serving wire center.

Included as part of the Channel Termination is a standard channel interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability, if any. The signaling capability itself is provided as an optional feature as set forth in (C), following.

One Channel Termination charge applies per customer-designated premises at which the channel is terminated. This charge will apply even if the customer-designated premises and the serving wire center are both located in the same Company building.

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

(N)

ACCESS SERVICE

7. Special Access Service (cont'd)⁽²⁾ (N)

7.2 Rate Regulations (cont'd)

7.2.1 Rate Elements (cont'd)

(B) Channel Mileage

The Channel Mileage rate element provides for the transmission facilities between the serving wire centers associated with two customer-designated premises, between a serving wire center associated with a customer-designated premises and a Company Hub, or between two Company Hubs or between a serving wire center associated with a customer designated premises and a WATS serving office.

A flat rate and a rate per mile apply to Channel Mileage.

(C) Optional Features, BSEs and Functions

The various Optional Features and Functions rate elements provide for optional features, BSEs and functions which may be added to a Special Access Service to improve its quality or utility to meet specific communications requirements. These are not necessarily identifiable with specific equipment, but rather represent the end result in terms of performance characteristics. Although the equipment necessary to perform a specified function may be installed at various locations along the path of service, it will be charged for as a single rate element.

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

- Signaling Capability
- Hubbing Functions
- Conditioning
- Transfer Arrangements

(D) Service to Service Through Connect Arrangement

The Service to Service Through Connect Arrangement rate element provides for an interconnection of like services in a Company Hub or serving wire center. The through connection is provided in conjunction with Voice Grade⁽¹⁾ Analog, MegaLink Data⁽¹⁾ and High Capacity services. The customer billed for the through connect arrangement will be responsible for all billing associated with the interconnection.

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽²⁾ (N)

7.2 Rate Regulations (cont'd)

7.2.4 Nonrecurring Charges (cont'd)

(B) Installation of Optional Features, BSEs and Functions

Nonrecurring charges apply for the installation of some of the optional features, BSEs and functions available with Special Access Service. The charge applies whether the feature, BSE or function is installed coincident with the initial installation of service or at any time subsequent to the installation of the service.

The optional features for which nonrecurring charges apply are:

- Voice Grade⁽¹⁾ Data Capability
- Voice Grade⁽¹⁾ Telephoto Capability

- MegaLink Data⁽¹⁾ Loop Transfer Arrangement
- MegaLink Data⁽¹⁾ Secondary Channel
- High Capacity Transfer Arrangement
- High Capacity Clear Channel Capability

(C) Installation of Service to Service Through Connect Arrangements

Nonrecurring charges apply for the work activity necessary to provide the intraoffice connection between dedicated, like services. The through connection is provided in conjunction with Voice Grade⁽¹⁾, MegaLink Data⁽¹⁾, and High Capacity two-point services.

(D) Service Rearrangements

Service Rearrangements are changes to existing (installed) services which do not result in either (1) a change in the minimum period requirements as set forth in Section 5.3.4 (Minimum Period Requirements), or (2) a change in the physical location of the point of termination at a customer-designated premises.

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽¹⁾ (N)

7.2 Rate Regulations (cont'd)

7.2.4 Nonrecurring Charges (cont'd)

(D) Service Rearrangements (cont'd)

Changes which result in the establishment of new minimum period obligations are treated as disconnects and starts. Changes in the physical location of the point of termination are treated as moves and are described and charged for as set forth in 7.2.7 (Moves) and 7.4(A) Service Facility Moves (SFM).

The charge to the customer for the service rearrangement is dependent on whether the change is administrative only in nature or involves actual physical change to the service.

- (1) Certain administrative changes will be made without charge to the customer. These administrative changes are as follows:
- Change of customer name, (i.e., the customer of record does not change but rather the customer of record changes its name--e.g., ABC Communications to All Business Concepts Communications).
 - Change of customer's or customer's end user premises address when the change of address does not involve a physical relocation of the service.
 - Change in billing data (name, address, contact name, or telephone number).
 - Change of agency authorization.
 - Change of customer test line number.
 - Change of customer's or customer's end user contact name or contact telephone number.
 - Change of jurisdiction.
- (2) When a customer requests a change in the customer of record (i.e., existing access service is provided and billed to a different entity), a nonrecurring charge will apply. This change is considered an administrative service rearrangement when the new customer assumes liability for all current and prior charges for the service(s) and has complied with the regulations and conditions as set forth in 2.2.1 (Assignment and Transfer of Facilities) for the Assignment and Transfer of Facilities, and no physical relocation or rearrangement of the service is required.

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

(N)

ACCESS SERVICE

7. Special Access Service (cont'd)⁽²⁾ (N)

7.2 Rate Regulations (cont'd)

7.2.7 Moves (cont'd)

(A) Service Facility Move (SFM) (cont'd)

Example 1

An SFM is requested to move 20 DS1s, with subtending VG⁽¹⁾ channels, to a DS3 facility (where the DS3 end of the channel is moving to a new customer premises location). The resulting SFM charge will be 20 DS1 to DS3 SFM charges with no SFM charges for the subtending VG⁽¹⁾ channels.

Example 2

An SFM is requested to move a DS3, with subtending DS1 channels, to another DS3 facility (where there is no change in the customer premises location on the DS3 facility end of the circuit). The resulting SFM charge will be a DS3 to DS3 SFM with no SFM charges for the subtending DS1 channels.

Example 3

An SFM is requested to move 6 DS1s, with subtending VG⁽¹⁾ channels, previously riding one DS3 facility to another DS3 facility. The resulting SFM charge would be (6) DS1 to DS3 SFMs with no SFM charges for the subtending VG⁽¹⁾ channels.

SFM's may be performed at the following service levels:

- Analog^{*(1)}/MegaLink Data⁽¹⁾ to 1.544 Mbps High Capacity (DS1)
- 1.544 Mbps High Capacity (DS1) to 1.544 Mbps High Capacity (DS1)
- 1.544 Mbps High Capacity (DS1) to MegaLink Custom (DS3)

The charges for an SFM for the services shown above are detailed in 7.4(A) (SFM's), following. There will be no change in minimum period requirements.

The diagrams, following, illustrate typical service arrangements before and after an SFM has occurred.

* Analog services include: Metallic⁽¹⁾ Service, Telegraph Grade⁽¹⁾ Service, Voice Grade⁽¹⁾ Service.

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽²⁾

(N)

7.2 Rate Regulations (cont'd)

7.2.7 Moves (cont'd)

(B) 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. Extension of access service facilities will be provided, at the customer's request, on a time sensitive charge basis. The labor rates which apply are as set forth in 13.4 (Rates and Charges). There will be no change in minimum period requirements.

(C) Moves of a Customer Premises

Moves to a different customer premises will be treated as a discontinuance and start of service, with exception as stated below, 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.

If the move of the customer's premises is as a result of an SFM (Service Facility Move) according to Section 7.2.7(A), and the facility to the new premises is existing, then no additional nonrecurring charges will apply for that end of the channel or circuit. Only the SFM charge will be applicable for such moves.

7.2.8 Minimum Periods

The minimum service period for all services is one month.

7.2.9 Facility Hubs

The Company will commence billing the monthly rate for the facility to the hub on the date specified by the customer on the Access Order. Individual services utilizing these facilities may be installed coincident with the installation of the facility to the hub or may be ordered and/or installed at a later date, at the option of the customer. The customer will be billed for a Voice Grade⁽¹⁾ or High Capacity digital Channel Termination, Channel Mileage (when applicable) and the Multiplexer at the time the facility is installed. Individual service rates (by service type) will apply for a Channel Termination and additional Channel Mileage (as required) for each channelized service.

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.

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽²⁾

(N)

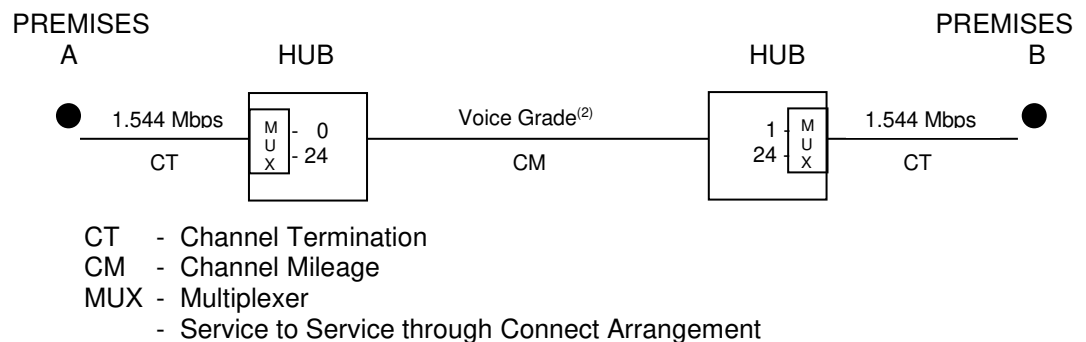
7.2 Rate Regulations (cont'd)

7.2.18 Service to Service Through Connect Arrangements

The Service to Service Through Connect Arrangement rate element provides for an interconnection of like services in a Company Hub or serving wire center. This arrangement is an intraoffice connection that is provisioned in lieu of a channel termination to a customer-designated premises. The through connection is provided in conjunction with Voice Grade⁽¹⁾ Analog, MegaLink Data⁽¹⁾ and High Capacity services. Additional Channel Mileage would apply if the two like services are located in different hubs or serving wire centers. The customer billed for the through connect arrangement will be responsible for all billing associated with the interconnection.

The following diagram depicts a Service to Service Through Connect Arrangement in which Voice Grade⁽¹⁾ Services, extended from DS1 multiplexed services, utilize a through connect arrangement in a Company Hub. Additional channel mileage was required to coterminate the services. The applicable rate elements are:

- 1.544 Mbps Channel Terminations (2 applicable) *
- DS1 to Voice Multiplexers (2 applicable) *
- Voice Grade⁽¹⁾ Channel Mileage
- Multiplexer to Multiplexer Service to Service Through Connect Arrangement



7.2.19 Individual Case Basis Pricing

Customer specific contracts under Individual Case Basis (ICB) pricing is offered for business services that are unique because of size or configuration. Rates may be different than those specified for such services in this Guidebook. ICB rates will be offered to the customer in writing on a non-discriminatory basis. All ICB pricing will comply with Oklahoma Corporation Commission Rule OAC 165:55-5-10.3

* Service already established

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽²⁾ (N)

7.3 Service Descriptions, Rates and Charges

7.3.1 General

There are seven types of Special Access Service, as follows:

- Metallic⁽¹⁾ (MT)
- Telegraph Grade⁽¹⁾ (TG)
- Voice Grade⁽¹⁾ (VG)

- MegaLink Data⁽¹⁾ (DA)
- High Capacity (HC)

Each of the seven channel types has its own characteristics. All are subdivided by one or more of the following:

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

(A) Descriptions

Each service consists of a basic channel to which the following services can be added as required to construct the service desired by the customer:

- Technical specifications packages (customized or predefined)
- Channel interface(s)
- Optional features, BSEs and functions.

Paragraph (A) of 7.3.2 through 7.3.10 provides a description of the characteristics of each basic channel type and indicates whether the channel is provided between customer-designated premises or between a customer-designated premises and a Company Hub where bridging or multiplexing functions are performed. Customized channels are available as specified in 7.2.16.

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)

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7. Special Access Service (cont'd)⁽²⁾

(N)

7.3 Service Descriptions, Rates and Charges (cont'd)

7.3.1 General (cont'd)

(B) Technical Specifications Packages

A matrix is provided in paragraph (B) of 7.3.2 through 7.3.10 which indicates the transmission parameters that are available with each Technical Specifications Package. The codes used to design the packages are constructed using the information shown across the top of the matrix as follows:

- The first two symbols of the code are letters which indicate the category of Special Access Service to which the parameters are applicable. These two letter codes also are shown in parentheses following the channel type in 7.3.1, preceding.
- An alpha, numeric or alpha-numeric designation follows these two letters to indicate the specific predefined package.

The letter "C" following the two letter code indicates the technical specifications package for a customized service. For a customized service, the customer may select any parameters available with that category of service as long as the parameters are compatible. Customized technical specifications packages will be provided where technically feasible. If the Company determines that the requested parameter specifications are not compatible, the customer will be advised and given the opportunity to change the order.

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

Metallic ⁽¹⁾	TR-NPL-000336
Telegraph Grade ⁽¹⁾	TR-NPL-000336
Voice Grade ⁽¹⁾	TR-TSY-000335
PUB 41004, Table 4	
	TR-NPL-000337
MegaLink Data ⁽¹⁾	TR-NPL-000341
PUB 62310	
High Capacity	TP-76625
PUB 62411	TR-INS-000342

Customers who wish to obtain copies of these references may obtain ordering information from the User's Guide section of this Guidebook.

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽³⁾ (N)

7.3 Service Descriptions, Rates and Charges (cont'd)

7.3.10 High Capacity Service

(A) Basic Channel Description

A High Capacity channel is a channel for the transmission of nominal 64.0 Kbps^{/1/(2)} or 1.544 Mbps, isochronous serial data. The actual bit rate and framing format is a function of the channel interface selected by the customer. High Capacity channels are provisioned (1) between customer-designated premises, (2) between a customer-designated premises and a Company Hub, (3) between Network Reconfiguration Service Hubs at 1.544 Mbps transmission, (4) between a Network Reconfiguration Service Hub and (5) between a Network Reconfiguration Service Hub and a Company Hub at 1.544 Mbps transmission

Loop Redundancy, which provides automatic restoration of the 1.544 Mbps High Capacity Service Channel Termination and physical route redundancy between the customer's premises and the customer's serving wire center in the event of a single loop failure, will be provided on High Capacity Channel Terminations in those situations where the customer's premises and serving wire center are equipped with the necessary equipment and facilities. If the equipment and facilities are not available, the interval for loop redundancy will be within 2 years from the date of customer request or the agreed upon date if Special Construction applies.

It is the customer's responsibility to arrange for the Network Channel Terminating Equipment associated with the High Capacity channel at the customer's premises. When a single High Capacity channel is ordered to be terminated at a customer's designated Interexchange Carrier's all digital POP which requires a minimum digital interface level of 44.736 Mbps, the Company will provide the required interface where facilities are available.

/1/ Available only as a channel of a 1.544 Mbps facility between two Company MegaLink Data Hubs. The customer must provide system and channel assignment data.

(2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽³⁾ (N)

7.3 Service Descriptions, Rates and Charges (cont'd)

7.3.10 High Capacity Service (cont'd)

(B) Technical Specifications Packages

Transmission Parameter	0	1	Package HC- 1C	2	3	4
Error-Free Seconds		X				

(C) Channel Interfaces (CI)

The following channel interface defines the bit rate that is available for a High Capacity DS1 channel:

CI	Bit Rate
DS-15 ^{1/(2)}	1.544 Mbps (DS1)

(D) Service to Service Through Connect Arrangement

(1) High Capacity Service Arrangement

This provides the interconnection of two DS1 services at a Digital Hub.

(2) Multiplexed Service Arrangement

This provides the interconnection of two digital channels extended from High Capacity multiplexed services. The through connect will be provisioned in lieu of a typical High Capacity channel termination. The ordering customer must provide channel assignments for both multiplexed services. Channel mileage is required if the multiplexed services are terminated in two separate digital hubs.

/1/ A 64.0 Kbps channel is available as a channel(s) of a 1.544 Mbps facility to a Company Hub.

(2) Effective June 30, 2021, 64.0 Kbps will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽⁴⁾ (N)

7.3 Service Descriptions, Rates and Charges (cont'd)

7.3.10 High Capacity Service (cont'd)

(E) Optional Features, BSEs and Functions

	Package HC-	
	0	1
Central Office Multiplexing:		
DS0 to Subrate ^{/2/(3)}	X	
DS1 to DS0		X
DS1 to Voice		X
Clear Channel Capability		X
Extended Superframe Format		X
Power Over the interface ⁽¹⁾		X
Transfer Arrangement		X

(1) Reserved for Future Use.

(2) Central Office Multiplexing BSE

(a) DSO to Subrate⁽³⁾

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.

(1) Obsolete, and limited to existing installations at existing locations, for existing customers as of October 23, 1993.

/2/ Available only on a channel of a 1.544 Mbps facility to a Company Hub or on a DS0 channel that connects to a customer's Network Reconfiguration Service (NRS) network which contains a DS1 channel.

(3) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company currently plans to discontinue this service on or after June 30, 2024.

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

(N)

ACCESS SERVICE

7. Special Access Service (cont'd)⁽³⁾ (N)
- 7.3 Service Descriptions, Rates and Charges (cont'd)
- 7.3.10 High Capacity Service (cont'd)

(E) Optional Features, BSEs and Functions (cont'd)

(2) Central Office Multiplexing BSE (cont'd)

(b) DS1 to DSO

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

(c) DS1 to Voice

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade⁽²⁾ Services. A channel of this DS1 to the hub can also be used for MegaLink Data⁽²⁾, DovLinksm, or Metallic Service⁽²⁾.

(3) Clear Channel Capability BSE

Clear Channel Capability is a BSE that provides the customer with an increase in usable bandwidth from 1.344 Mbps to 1.536 Mbps of an unconstrained data stream across the network. Clear Channel Capability is provided only on 1.544 Mbps High Capacity service and requires the customer signal at the channel interface to conform to Bipolar with Eight Zero Substitution (B8ZS) line code format as described in the appropriate Technical Reference for High Capacity Service. Customer equipment must be compatible with this method of providing the unconstrained signal.

(4) Extended Superframe Format BSE

Extended Superframe Format is a BSE that passes a customer provided framing format for 1.544 Mbps High Capacity service. Extended Superframe Format extends the customer's 1.544 Mbps framing structure from 12 to 24 frames and divides the 8 Kbps 193rd bit position pattern into three distinct functionalities: 2 Kbps for frame synchronization, 2 Kbps for cyclic redundancy checking, and 4 Kbps used primarily to send performance monitoring information over the Facilities Data Link.

(5) Power Over the Interface ⁽¹⁾

Power Over the Interface is an optional feature available with the installation of 1.544 Mbps High Capacity service. This option provides line power to the Customer's Premises Equipment, enabling the customer to benefit from uninterrupted service if a commercial power failure occurs.

(1) Obsolete, and limited to existing installations at existing locations, for existing customers as of October 23, 1993.

(2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)⁽¹⁾ (N)

7.3 Service Descriptions, Rates and Charges (cont'd)

7.3.10 High Capacity Service (cont'd)

(F) Rates and Charges

Rates and charges for Oklahoma will be applied as contained in this section. Each rate element is shown with its associated USOC, where appropriate.

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
			<u>1st Circuit</u>	<u>Additional Circuit</u>
(1) Channel Termination				
per point of termination 1.544 Mbps	TMECS	\$100.00	\$460.00	\$456.00
	<u>USOC</u>	<u>Monthly Rate</u>		
		<u>Fixed</u>	<u>Per Mile</u>	
(2) Channel Mileage				
1.544 Mbps				
0 miles	1L5XX	---	---	
Over 0 miles.....		\$50.00	\$16.80	
	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
			<u>1st Circuit</u>	<u>Additional Circuit</u>
(3) Service to Service through Connect Arrangement				
High Capacity Service Arrangement				
1.544 Mbps (DS1)	THA	---	\$195.00	\$156.00
Multiplexed Service Arrangement				
1.544 Mbps (DS1)	THK	---	325.00	280.00

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

(N)

ACCESS SERVICE

7. Special Access Service (cont'd)⁽³⁾ (N)

7.3 Service Descriptions, Rates and Charges (cont'd)

7.3.10 High Capacity Service (cont'd)

(F) Rates and Charges (cont'd)

Rates and charges for Oklahoma will be applied as contained in this section. Each rate element is shown with its associated USOC, where appropriate.

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(4) Reserved for Future Use			
(5) Multiplexing per arrangement			
DS0 to Subrates ⁽²⁾			
Up to 20 2.4 Kbps services.....	QSU24	135.00	---
Up to 10 4.8 Kbps services.....	QSU48	125.00	---
Up to 5 9.6 Kbps	QSU96	105.00	---
DS1 to DS0.....	QMU	180.00	---
DS1 to Voice.....	MQ1	180.00	---
(6) Clear Channel Capability per channel termination	CLR	---	\$95.00
(7) Extended Superframe Format per channel termination	SF1	---	---
(8) Power Over the Interface per channel termination	PW1	---	---
(9) Transfer Arrangement, Key Activated ^{/1/} per four port arrangement including control channel termination	USV	\$180.00	---

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

(2) Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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)

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7. Special Access Service (cont'd)⁽²⁾ (N)

7.4 Miscellaneous Rates and Charges

(A) Service Facility Move (SFM)

(1) Basic Service Description

A Nonrecurring Charge(s) will apply when a customer requests an SFM of Special Access Service as described in 7.2.7(A) (SFM). The Nonrecurring Charge(s) is applied on a first and additional basis, per Access Order, as specified below.

(2) Rates and Charges

		<u>Nonrecurring Charge</u>	
		<u>1st</u>	<u>Additional</u>
	<u>USOC</u>	<u>Circuit</u>	<u>Circuit</u>
(a) Analog ^{*(1)} /MegaLink Data ⁽¹⁾ to 1.544 Mbps High Capacity			
per service moved	NRBRA	\$100.00	\$50.00
(b) 1.544 Mbps High Capacity to 1.544 Mbps High Capacity			
per service moved	NRBRH	125.00	90.00
(c) 1.544 Mbps High Capacity to MegaLink Custom			
per service moved	NRBR1	150.00	120.00

* Analog services include: Metallic⁽¹⁾ Service, Telegraph⁽¹⁾ Service, Voice Grade⁽¹⁾ Service.

⁽¹⁾ Effective June 30, 2021, this Service will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew 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 rates until the service is discontinued. The Company 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

19. MegaLink Custom Services⁽¹⁾ (N)

The following list matches the Company's Basic Service Element (BSE) names to the industry standard names for each BSE.

<u>Company Names</u>	<u>Generic Name of ONA Service</u>
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Multiplexing	Multiplexing - Digital
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- Central Office Multiplexing	
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19.1 General Description

MegaLink Custom Service is a special access service utilizing DS3 technology to provide dedicated high capacity transport between customer designated premises*, either directly or through a Company Hub where bridging, multiplexing, Transport Resource Management Service, or Network Reconfiguration Service functions are performed. (Transport Resource Management Service and Network Reconfiguration Service, as set forth in Section 15, work in conjunction with MegaLink Custom Service, allowing customers the ability to reconfigure their circuits.) The DS3 signal provides for the transmission of nominal 44.736 Mbps isochronous serial data. MegaLink Custom Services are provided (1) between two customer designated premises, (2) between a customer designated premises and a Company Hub Central Office, (3) between a Company Hub Central Office and a Transport Resource Management Service Hub, (4) between Transport Resource Management Service Hubs at 44.736 Mbps transmission, (5) between Network Reconfiguration Service Hubs at 44.736 Mbps transmission, (6) between a Network Reconfiguration Service Hub and a Transport Resource Management Service Hub at 44.736 Mbps transmission, or (7) between a Network Reconfiguration Service Hub and a Company Hub at 44.736 Mbps transmission. MegaLink Custom Services may include Optional Features, BSEs and Functions.

MegaLink Custom Service offers the customer the option of requesting either an electrical or optical interface at their premises. The interface at a Company Hub Central Office is electrical.

Customers requesting electrical interface will receive an electrical signal with a transmission speed of 44.736 Mbps per channel. Compatible channel interfaces are set forth in Technical Reference Publication TR-INS-000342.

Customers requesting an optical interface will receive (an) optical signal(s) at the transmission speed(s) associated with the equivalent number of DS3s requested on the Access Order. The transmission speeds for optical interfaces are stated as approximate multiples of 44.736 Mbps.

* Company Centrex CO-like switches and Company Answering Service Concentrators are considered to be customer premises for purposes of administering regulations and rates contained in this Guidebook.

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

ACCESS SERVICE

19. MegaLink Custom Services (Continued)⁽¹⁾

(N)

19.1 General Description (Continued)

Technical specifications for MegaLink Custom Services may be found in the following Technical Reference Publications:

Technical Reference PUB 76625
Technical Reference TR-INS-000342

It is the customer's responsibility to arrange for the Network Channel Terminating Equipment associated with the high capacity channel at the customer's premises.

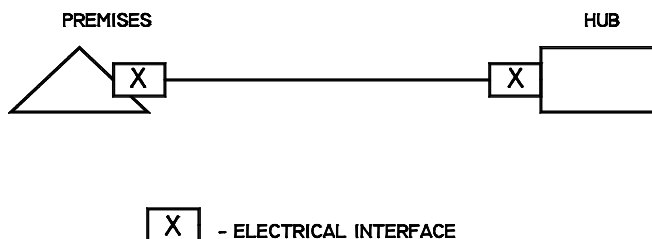
The following describes the service configurations available for MegaLink Custom Service.

Customer Designated Premises to Company Hub Central Office

Electrical Interface

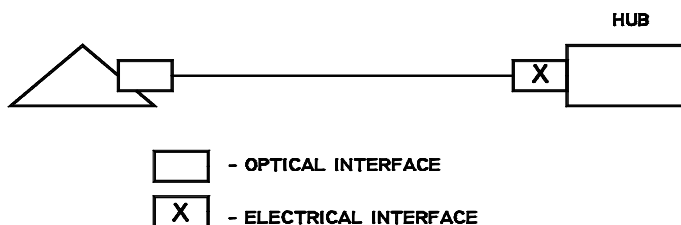
This service configuration provides electrical DS3 signals at the customer designated premises and the Company Hub Central Office.

Example:

Optical Interface

This service configuration provides optical signals at the customer designated premises and electrical DS3 signals at the Company Hub Central Office.

Example:



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

(N)

ACCESS SERVICE

19. MegaLink Custom Services (Continued)⁽¹⁾

(N)

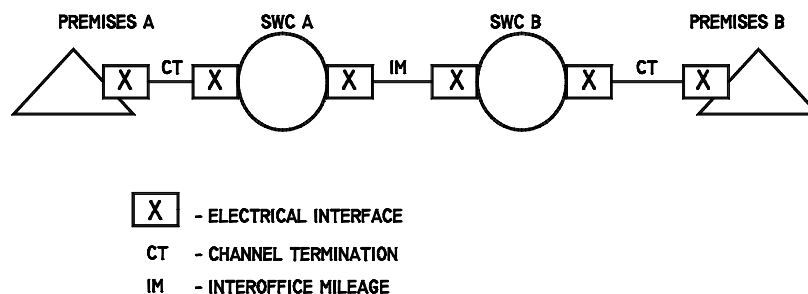
19.1 General Description (Continued)

Customer Designated Premises to Customer Designated Premises

Electrical Interface to Electrical Interface

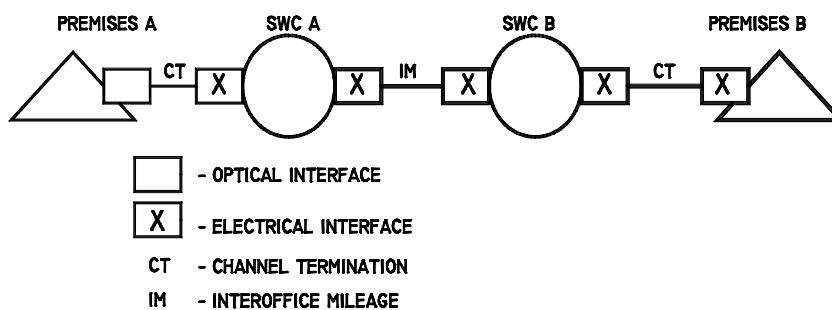
This service configuration provides electrical DS3 signals at both customer designated premises.

Example:

Optical Interface to Electrical Interface

This service configuration provides optical signals at one customer designated premises and electrical DS3 signals at the other customer designated premises.

Example:



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

(N)

ACCESS SERVICE

19. Megalink Custom Services (Continued)⁽¹⁾

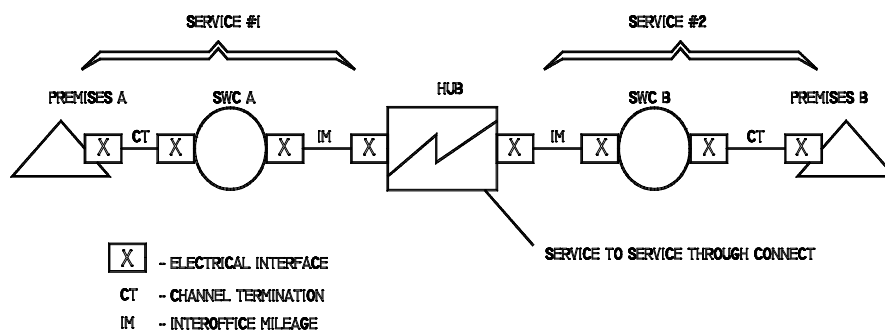
(N)

19.1 General Description (Continued)

Service to Service Through Connect Arrangement

The Service to Service Through Connect Arrangement provides for an interconnection of two Megalink Custom Services in the same Company Hub Central Office.

Example:



19.2 Optional Feature, BSE and Function Descriptions

19.2.1 Central Office Multiplexing BSE

DS3 to DS1 multiplexing provides an arrangement in a Company Hub Central Office that converts a DS3 signal to 28 DS1 channels using digital time division multiplexing.

When ordering multiplexing, the customer will select the designated hub(s) and subtending wire center(s) from the National Exchange Carriers Association, Inc. Tariff F.C.C. No. 4 Subtending Wire Center section(s) and Wire Center section(s). A description of the types of multiplexing hubs are as set forth in 7.1.3(B)(3) (Intermediate Multiplexing Hub), 7.1.3(B)(4) (Super Intermediate Multiplexing Hub) and 7.1.3(B)(5) (Terminus Multiplexing Hub) preceding.

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

(N)

ACCESS SERVICE

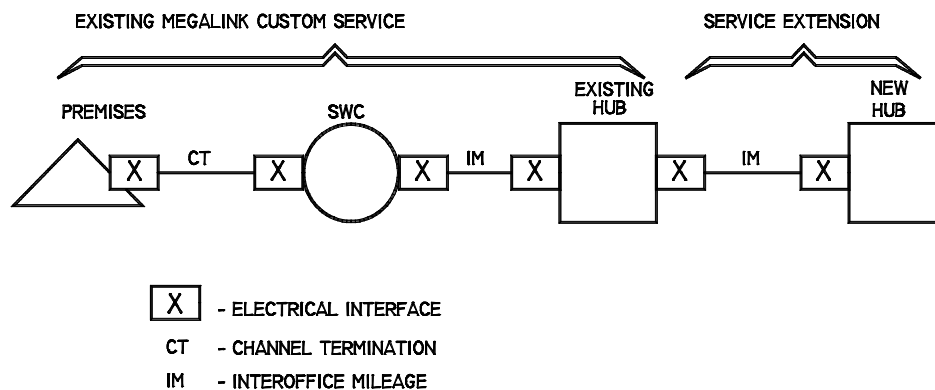
19. Megalink Custom Services (Continued)⁽¹⁾

(N)

19.2 Optional Feature, BSE and Function Descriptions (Continued)

19.2.3 Service Extension

An existing Megalink Custom Service can be extended from the current Company Hub Central Office to another Company Hub Central Office via a Service Extension.



19.3 Service Provisioning

19.3.1 Design Layout Report

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

19.3.2 Acceptance Testing

At no additional charge, the Company will, at the customer's request, cooperatively test at the time of installation, the parameters contained in Technical Reference PUB 76625.

In addition to the above tests, Additional Cooperative Acceptance Testing, to test other parameters not defined in Technical Reference PUB 76625, is available at the customer's request.

19.4 Rates and Charges

Rates and charges will be on an Individual Case Basis (ICB).

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

(N)