



December 24, 2008

Ms. Renee Jenkins
Docketing Division Chief
The Public Utilities Commission of Ohio
180 East Broad Street, 10th Floor
Columbus, Ohio 43215-3793

RE: 06-947-TP-ATA

Dear Ms. Jenkins:

Enclosed for filing is an electronic copy of Cincinnati Bell Extended Territories LLC (CBET) final tariff pages for CBET ACCESS SERVICES TARIFF PUCO NO. 2. With this filing CBT is proposing to make changes to Section 7 - Special Access Service, Section 10 - Federal Government Specialized Service or Arrangements, Section 13 - Additional Engineering, Additional Labor and Miscellaneous Services and Section 17 - LAN Advantage.

This filing should be docketed under Case Number 08-1243-TP-ATA.

Please direct questions to Mike Bishop. He can be reached at (513) 397-1231 or via email at mike.bishop@cinbell.com.

Sincerely,

/s/ Michael E. Bishop

Michael E. Bishop
Senior Manager –Switched
Services & Regulatory

Attachments

ACCESS SERVICE

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service
- Point-to-Point Service

(T)

(A) Basic Channel Description(1) General

Point-to-Point OC-3, OC-12, OC-48 and OC-192 channels provide high speed synchronous optical fiber-based full duplex data transmission capabilities. These services provide optical data transmission with the following characteristics:

- OC-3 Service provides channels operating at the terminating bit rate of 155.52 Mbps; and,
- OC-12 Service provides channels operating at the terminating bit rate of 622.08 Mbps.
- OC-48 Service provides channels operating at the terminating bit rate of 2488.32 Mbps.
- OC-192 Service provides channels operating at the terminating bit rate of 9953.28 Mbps.

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

- one customer-designated premise to another customer-designated premise, either with or without the add/drop multiplexing capability at the customer-designated premises.
- a customer-designated premise either with or without add/drop multiplexing capability to a Telephone Company location where add/drop functions and/or cross-connections are performed.

Optical Transmission paths for OC-3, OC-12, OC-48 and OC-192 Services are differentiated by bit rate and the quality of transmission as delineated by the Optical Interface specified in established standard and technical publications.

OC-3, OC-12, OC-48, and OC-192 Service may be connected by (1) using the appropriate OC-3, OC-12, OC-48 or OC-192 add/drop multiplexer (mux) at the two customer Premises or between a customer premise and a Telephone Company location, or (2), by using the full bandwidth premise to premise, or between a customer premise and a Telephone Company location.

Add/Drop Multiplexing only occurs at the customer premise. The customer may supply the equipment, or have the Telephone Company supply the equipment for them. Add/Drop Multiplexing does not occur at the Telephone Company Serving Wire Center.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
- Point-to-Point Service (Cont'd)
(A) Basic Channel Description (Cont'd)(1) General (Cont'd)

Add/Drop Functions occur at the Customer Premises and at the Telephone Company Serving Wire Center in order to support the full bandwidth of the Service.

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

OC-3 - three STS-1 (Synchronous Transport Signals) channels which each contain:

- one DS3 that is STS-1 mapped;
- up to 28 DS1s that are VT-mapped;
- 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 CBT network;
- Any of the above arrangements may be used in combination with each other subject to utilization of the total OC-3 capacity
- a single concatenated STS-3C channel.

OC-12 - twelve STS-1 channels which each contain:

- one DS3 that is STS-1 mapped;
- up to 28 DS1s that are VT-mapped;
- 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 CBT network;
- four concatenated STS-3C channels;
- Any of the above arrangements may be used in combination with each other subject to utilization of the total OC-12 capacity
- a single concatenated STS-12C channel.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
- Point-to-Point Service (Cont'd)(A) Basic Channel Description (Cont'd)(1) General (Cont'd)

OC-48 - forty-eight STS-1 channels which each contain:

- one DS3 that is STS-1 mapped;
- up to 28 DS1s that are VT-mapped;
- 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 CBT network;
- sixteen concatenated STS-3C channels;
- four concatenated STS-12C channels;
- any of the above arrangements may be used in combination with each other subject to utilization of the total OC-48 capacity;
- a single concatenated STS-48C channel.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service
- Point-to-Point Service (Cont'd) (T)(A) Basic Channel Description (Cont'd)(1) General (Cont'd)

OC-192 - One hundred ninety two STS-1 channels
which each contain:

- 1 DS3 that is STS1 mapped
- 64 concatenated STS-3C channels;
- 16 concatenated STS-12C channels;
- 4 concatenated STS-48c channels
- A single concatenated STS-192C channel

Any of the above arrangements may be used with in
Combination with each other subject to utilization of
the total OC-192 bandwidth.

(B) Channel Configuration

(1) OC-3, OC-12, OC-48 and OC-192 Channel Terminations

OC-3, OC-12, OC-48 and OC-192 Channels consist of
Channel Terminations (CTs), interoffice mileage and
optional features and functions.

OC-3, OC-12 OC-48 and OC-192 Channel Terminations
provide optical interconnection between the Telephone
Company Serving Wire Center (SWC) and the customer
premise.

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service - Point-to-Point Service (Cont'd) (T)(B) Channel Configuration (Cont'd)

The following types of CTs are available:

<u>Terminating Bit Rate</u>	<u>Loop Format*</u>	<u>Data Transmission Format</u>
155.52	2 fiber	Synchronous
622.08	2 fiber	Synchronous
2488.32	2 fiber	Synchronous
9953.28	2 fiber	Synchronous

When OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service is provided, the customer has the option of supplying the add/drop multiplexing at the customer premises. If the customer chooses to supply the equipment, the add/drop multiplexing must be compatible with the add/drop multiplexing used by the Telephone Company in the Serving Wire Center. The Telephone Company will work with the customer to select compatible add/drop multiplexers which conform to the requirements set forth in established standard and technical publications.

(1) OC-3, OC-12, OC-48 and OC-192 Channel Terminations

All CTs comprising a channel must have the same terminating bit rate unless add/drop multiplexing is performed at the at the customer premise with the associated add/drop function and at the Telephone Company location with the appropriate add/drop functions.

(2) Channel Mileage

Channel Mileage facilities, comprised of Fixed and Per Mile as described in Section 7.1.2(B) preceding, provide the transmission paths between Serving Wire Centers associated with two customer-designated premises or between a Serving Wire Center associated with a customer premise and a Telephone Company Hub location. Four Channel Mileage types are available - OC-3 which supports bit rate of 155.52, OC-12 transport at the 622.08 bit rate, OC-48 transport at a bit rate of 2488.32 and OC-192 transport at a bit rate of 9953.28.

*Unidirectional Path Switched Rings

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service - Point-to-Point Service (Cont'd) (T)(B) Channel Configuration (Cont'd)(2) Channel Mileage (Cont'd)

OC-3 CTs are interconnected to OC-3 transport.
OC-12 CTs are interconnected to OC-12 transport.
OC-48 CTs are interconnected to OC-48 transport.
OC-192 CTs are interconnected to OC-192 transport.

In addition, Channel Mileage can be connected between wire centers at a lower OC-N speed than the CT, if the transport is between a lower speed Add/Drop Function and:

- another lower speed Add/Drop Function;
- another lower speed Channel Termination;
- a lower speed Dedicated Ring Port;
- a lower speed Cross-Connect.

All of the above terminations must be the same speed as the Channel Mileage.

(3) Optional Features and Functions

The following optional features and functions are available: Add/Drop Multiplexing, Add/Drop Function, OC-3, OC-12, OC-48 and OC-192 Cross-Connection, 1+1 Protection with Route Survivability, 1+1 Protection with Central Office Survivability, and OC-48 and OC-192 Regenerator.

(a) OC-3, OC-12, OC-48 and OC-192 Add/Drop Multiplexing

An arrangement at the customer premise that allows an OC-3, OC-12, OC-48 or OC-192 channel operating at a terminating speed of 155.52 Mbps, 622.08 Mbps, 2488.32 Mbps, and 9953.28 Mbps, respectively, to add/drop a lower speed channel by using this feature along with the add/drop function as stated in (b) following.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
- Point-to-Point Service (Cont'd)(B) Channel Configuration (Cont'd)(3) Optional Features and Functions (Cont'd)(a) OC-3, OC-12 and OC-48 Add/Drop Multiplexing
(Cont'd)

OC-3 add/drop multiplexing at a customer premise will provide the capability to support the full add/drop function capacity of OC-3 Service bandwidth with up to one OC-3 add/drop Function, three DS3 add/drop functions or equivalently up to three groups of 28 DS1 add/drop functions or equivalent combinations of DS3 and groups of 28 DS1 add/drop functions.

OC-12 add/drop multiplexing at a customer premise will provide the capability to support the full add/drop function capacity of OC-12 Service bandwidth with up to one OC-12 add/drop function, four OC-3 add/drop functions or up to 12 DS3 add/drop functions or equivalent combinations of OC-12, OC-3 and DS3 add/drop functions.

OC-48 add/drop multiplexing at a customer premise will provide the capability to support the full add/drop bandwidth, up to one OC-48 add/drop function, four OC-12 add/drop functions, sixteen OC-3 add/drop functions, 48 DS3 add/drop functions or equivalent combination of OC-12, OC-3 and DS3 add/drop functions.

OC-192 add/drop multiplexing at a customer premise will provide the capability to support the full add/drop function capacity of OC-192 Service bandwidth with up to one OC-192 add/drop function, four OC-48 add/drop functions, 16 OC-12 add/drop functions, 64 OC-3 add/drop functions or 192 DS3 add/drop functions or equivalent combination of DS3, OC-3, OC-12 and OC-48 add/drop functions.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
- Point-to-Point Service (Cont'd)(B) Channel Configuration (Cont'd)(3) Optional Features and Functions (Cont'd)

(b) Add/Drop Function

The OC-3, OC-12, OC-48 and OC-192 Service 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 at the customer premise, a customer drops one DS3 signal from an OC-12 service, they would pay one add/drop Function charge for the DS3, plus the OC-12 add/drop multiplexing charge. If a DS3 needs to be dropped at a Telephone Company location, the customer would pay one DS3 add/drop Function Charge. No add/drop multiplexing charge applies at the Telephone Company location.

The OC-3, OC-12, OC-48 and OC-192 Service 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 DS3 mapped STS-1 signals are only able to connect to a DS3. If a change is required, it may be accomplished by the customer's CPE or through the current asynchronous environment for multiplexing of DS3 and DS1 services stated in Section 7.2.2.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service - Point-to-Point Service (Cont'd) (T)(B) Channel Configuration (Cont'd)(3) Optional Features and Functions (Cont'd)

ADD/DROP Function

	DS1	DS3	OC3	OC12	OC48	OC192	10mg	1000mg	GigE
OC-192	No*	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
OC-48	No*	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes
OC-12	No*	Yes	Yes	Yes	N/A	N/A	Yes	Yes	Yes
OC-3	Yes	Yes	Yes	N/A	N/A	N/A	Yes	Yes	Yes

* to add/drop a DS1 from an OC-12 OC-48 and/or

OC-192, an Optical to Electrical DS1 Add/Drop Capability must be purchased as well as an OC-3 Add/Drop Function and a DS1 Add/Drop Function.

(c) OC-3, OC-12, OC-48 and OC-192 Cross-Connection

This is an arrangement to cross-connect OC-3 Service, OC-12 Service OC-48 Service, or OC-192 Service to another service or to an add/drop function of the same speed at a wire center for the same or for a different customer on a per circuit basis. The customer must purchase service to the wire center from his designated premise. One charge applies per service cross-connected.

(d) Optical to Electrical DS1 Add/Drop Capability

This option allows an electrical DS1 to be derived From an OC-12 OC-48 or OC-192 by using this capability To add/drop the electrical DS1 from an OC-3 add/drop function. The OC-3 add/drop function must be purchased separately.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
- Point-to-Point Service (Cont'd)(B) Channel Configuration (Cont'd)(3) Optional Features and Functions (Cont'd)

(d) 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 protect fiber pair via a physically diverse alternate route. The protect fiber will be charged on a distance-sensitive basis, based on quarter route miles, from the customer premise to the serving wire center.

This option will also provide 50 millisecond protection switching to assure 100 percent availability of the service. Any service interruption greater than one (1) minute will result in a credit equal to one month's bill for the circuit involved. If the interruption occurs on a Channel Termination without this option, normal terms and conditions for out-of-service credits as stated in 2.4.3 preceding 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 2.4.3 preceding, will apply.

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.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service
- Point-to-Point Service (Cont'd)

(T)

(B) Channel Configuration (Cont'd)(3) Optional Features and Functions (Cont'd)

(e) 1+1 Protection with Central Office Survivability
for OC-3, OC-12, OC-48 and OC-192

(a) This option will provide 1+1 protection and offer additional protection from Serving Wire Center (SWC) failure for services not terminating at the SWC. This will be accomplished by routing the working fiber pair via the primary route to the customer's SWC and the protect fiber pair to an alternate wire center chosen by the Telephone Company. The protect fiber will be charged on a distance-sensitive basis, based on quarter route miles, from the customer premise to the alternate wire center. Channel Mileage for the appropriate OC-3, OC-12, OC-48 or OC-192 Service ordered will be charged between the SWC and the alternate wire center using the V&H coordinates method as stated in National Exchange Carrier Association Tariff F.C.C. No. 4.

This option will also assure 100 percent availability of the service. Any service interruption greater than one (1) minute will result in a credit equal to one month's bill for the circuit involved. If the interruption occurs on a Channel Termination without this option, normal terms and conditions for out of service credits as stated in 2.4.3 preceding 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 2.4.3 preceding, will apply.

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7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
- Point-to-Point Service (Cont'd)

(B) Channel Configuration (Cont'd)

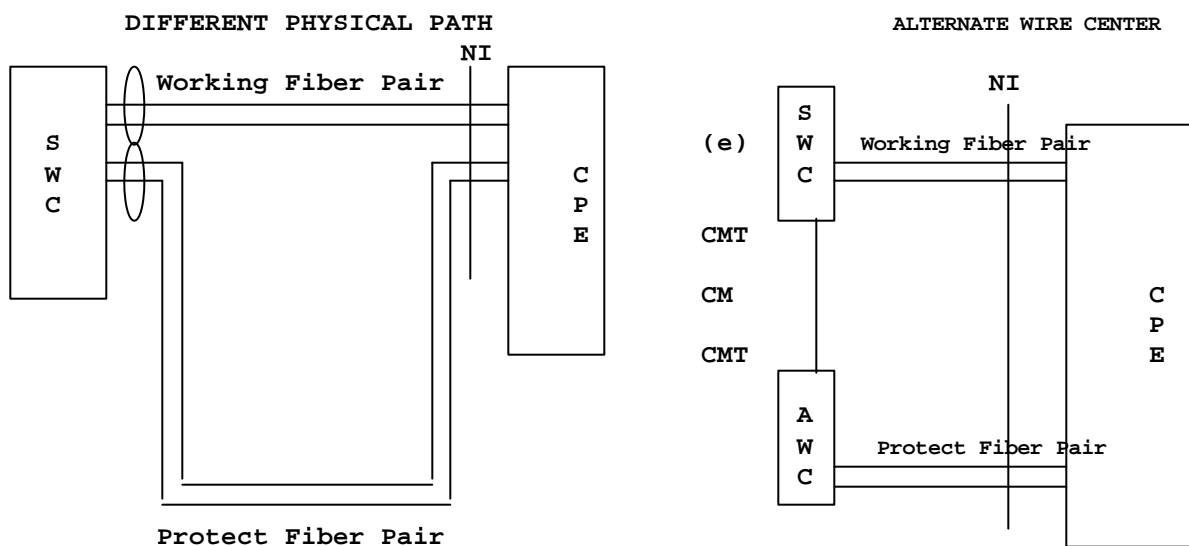
(3) Optional Features and Functions (Cont'd)

(e) 1+1 Protection with Central Office Survivability
for OC-3, OC-12, OC-48 and OC-192 (Cont'd)

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

If the customer wants to use this optional feature as a ring extension with OC-12, OC-48, or OC-192 Dedicated Ring Service, then both the customer's Serving Wire Center and alternate wire center must have Nodes located on the ring. The Telephone Company will work cooperatively with the customer to determine the appropriate alternate wire center to be used for the Dedicated Ring situation. Channel Mileage will not apply to this option when used with a ring extension.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
- Point-to-Point Service (Cont'd)(B) Channel Configuration (Cont'd)(1) Optional Features and Functions (Cont'd)

*CM = Channel Mileage
 *CMT = Channel Mileage Terminations

(f) OC-48 and OC-192 Regenerators

Regenerators provide essential detection and retransmission of SONET Optical signals between customer premises. Regenerators will be provided as required by the Telephone Company when actual fiber facility distances between customer designated premise and/or central office locations exceed design limits (typically 18 to 25 miles). Regenerators will be located exclusively in Telephone Company central offices.

The following diagrams provide an example of (d) and (e) above:

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
Dedicated Ring(A) Basic Service Description(1) General

OC-3, OC-12, OC-48 and OC-192 Dedicated Ring Service operates at the same speeds as Point-to-Point Services, however, the Dedicated Ring Service provides a customer a dedicated custom network. The network is in a ring architecture designed to provide increased reliability and functionality connecting multiple customer-designated locations and specified Telephone Company

Central Offices (COs) via self-healing network designs. Dedicated Ring Service will provide 50 millisecond protection switching to assure 100 percent availability of the services on the ring. Dedicated Ring Service is provided where appropriate SONET facilities are available. Where facilities are not available, Special Construction may apply.

Dedicated Ring Service is an alternative to OC-3, OC-12, OC-48 and OC-192 point-to-point service between multiple customer locations. Rate elements include nodes, ports, mileage between nodes, regenerators, Optical to Electrical DS1 add/drop capability and Optical OC-48 add/drop capability. Rates are specified in 7.4.3 following.

Existing customers with Point-to-Point OC-3, OC-12, OC-48 and OC-192 may upgrade to Dedicated Ring Service without termination liability.

A service interruption greater than one (1) minute will result in a credit equal to one month's bill for the individual port-to-port connection involved. An interruption of service 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.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service
Dedicated Ring (Cont'd) (T)(B) Dedicated Ring Configuration

(1) Nodes

The ring will provide connectivity to multiple customer-designated locations (nodes). However, a ring must have a minimum of three nodes. At least one node must be a Telephone Company CO and one must be a customer premise. A maximum of 16 nodes, including regenerators, will be allowed per ring.

The Telephone Company reserves the right to determine the order of the nodes on the ring.

When a customer premise node is located in the same building as a CO node, there will be no diversity between the two nodes.

The customer will be billed time and material for any additional charges incurred by the Telephone Company in locating Company equipment at the customer premise.

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service

(T)

Dedicated Ring (Cont'd)(B) Dedicated Ring Configuration (Cont'd)

(3) Ports

The ring capacity will be either OC-3, OC-12, OC-48 or OC-192. Lower speed channels are accessible at nodes via port terminations.

Accepted interfaces are as follows:

OC-n Ring Type

(Maximum number of ports supported by Ring Type)

PORTS	OC-3	OC-12	OC-48	OC-192
DS1	84	84/OC-3 Port**	84/OC-3 Port**	84/OC-3 Port**
DS3	3	12	48	192
OC-3	1	4	16	64
OC-12	N/A	1	4	16
OC-48	N/A	N/A	1	4
OC-192	N/A	N/A	N/A	1

OC-3 Point-to-Point service may connect to an OC-3 port of an OC-12, OC-48 ring, or OC-192 ring. OC-12 Point-to-Point service may connect to an OC-12 port of an OC-48 ring or OC-192 ring located in a Company CO. OC-48 Point-to-Point service may connect to an OC-48 port of an OC-192 ring.

As described in Section 7.2.3.A for OC-3 Service, an OC-3 port will permit the connection of STS-1 channels to other STS-1 channels across the OC-12, OC-48 or OC-192 Dedicated Ring Service subject to The overall ring capacity limits described in (6) following. Also, an STS-1 channel with DS1 payload mapping accessing an OC-12 Dedicated Ring using an OC-3 port may be connected to the Optical to Electrical DS1 add/drop capability for the purpose of connecting up to 28 DS1 ports. An STS-1 channel with DS3 payload mapping accessing the OC-12 or OC-48 Dedicated Ring using an OC-3 port may individually connect to a DS3 port.

* Optical to Electrical DS1 add/drop capability as shown in 7.2.4(B)(4) is needed along with an OC-3 Port.

** Number of interfaces on Nodes equipped for multiplexing may vary.

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7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service
Dedicated Ring (Cont'd)

(T)

(B) Dedicated Ring Configuration (Cont'd)(3) Ports (Cont'd)

DS1 ports, DS3 ports and STS-1 channels within OC-3 ports may not connect to any other ports within the same node. All other port-to-port connections are allowable except for DS3 port to DS1 port connections. If a DS3 to DS1 connection is required, it may be accomplished by the customer's CPE or through the current multiplexing environment of DS3 and DS1 Services described in Section 7.2.9.

(4) Mileage

Mileage is the total airline distance between the serving wire center of each node involved on the ring. A one mile minimum will be billed between nodes.

In addition, interoffice transport may be connected between wire centers at a lower OC-N speed than the Dedicated Ring, if the transport is between a dedicated ring port and:

- a lower speed Add/Drop Function;
- a lower speed Channel Termination;
- another lower speed Dedicated Ring Port;
- a lower speed Cross-Connect;

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

(5) Optical to Electrical DS1 Add/Drop Capability

This option allows an electrical DS1 to be derived from an optical OC-12 OC-48 or OC-192 ring by using this capability to add/drop the electrical DS1 from an OC-3 port.

(6) Dedicated Ring Regenerator

Regenerators provide essential detection and re-transmission of SONET Optical 155.52 Mbps, 622.08 Mbps, 2488.32 Mbps and 9953.28 Mbps signals between nodes. Regenerators will only be provided as required by the Telephone Company when actual fiber facility distances between customer-designated nodes exceed inter-nodal design limits (typically 18 to 25 miles). Regenerators will be located exclusively in Telephone Company COs and do not allow ports to access customer service connections.

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service
Dedicated Ring (Cont'd)

(T)

(B) Dedicated Ring Configuration (Cont'd)(7) Dedicated Ring Connection Capacity

For OC-3 Dedicated Ring Service, the maximum ring capacity between nodes is not to exceed 3 STS-1 equivalents. OC-3 Dedicated Ring Services will provide capability for node-to-node connection of DS1, STS-1 or STS-3C, using DS1, DS3 and OC-3 ports on the OC-3 ring.

For OC-12 Dedicated Ring Service, the maximum ring capacity between nodes is not to exceed 12 STS-1 equivalents. OC-12 Dedicated Ring Services will provide capability for node-to-node connection of STS-1, STS-3C or STS-12C Channels using DS3, OC-3 or OC-12 ports on the OC-12 ring. DS1 Port Connections are available with OC-12 Dedicated Ring Service if an OC-3 Port and an Optical to Electrical DS1 add/drop capability is purchased.

For OC-48 Dedicated Ring Service, the maximum ring capacity between nodes is not to exceed 48 STS-1 equivalents. OC-48 Dedicated Ring Services will provide capability for node-to-node connection of DS3, STS-1, STS-3C, STS-12C or STS-48C Channels using DS3, OC-3, OC-12, or OC-48 ports on the OC-48 ring. DS1 Port Connections are available with OC-48 Dedicated Ring Service if an OC-3 Port and an Optical to Electrical DS1 add/drop capability is purchased.

For OC-192 Dedicated Ring Service, the maximum ring capacity between nodes is not to exceed 192 STS-1 equivalents. OC-192 Dedicated Ring Services will provide capability for node-to-node connection of DS3, STS-1, STS-3C, STS-12C, STS-48C or STS-192C Channels using DS3, OC-3, OC-12, OC-48 or OC-192 ports on the OC-192 ring. DS1 Port Connections are available with OC-192 Dedicated Ring Service if an OC-3 Port and an Optical to Electrical DS1 add/drop capability is purchased.

ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
Dedicated Ring (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
Dedicated Ring (Cont'd)

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192
Service Dedicated Ring (Cont'd) (T)

(B) Dedicated Ring Configuration (Cont'd)

ACCESS SERVICE

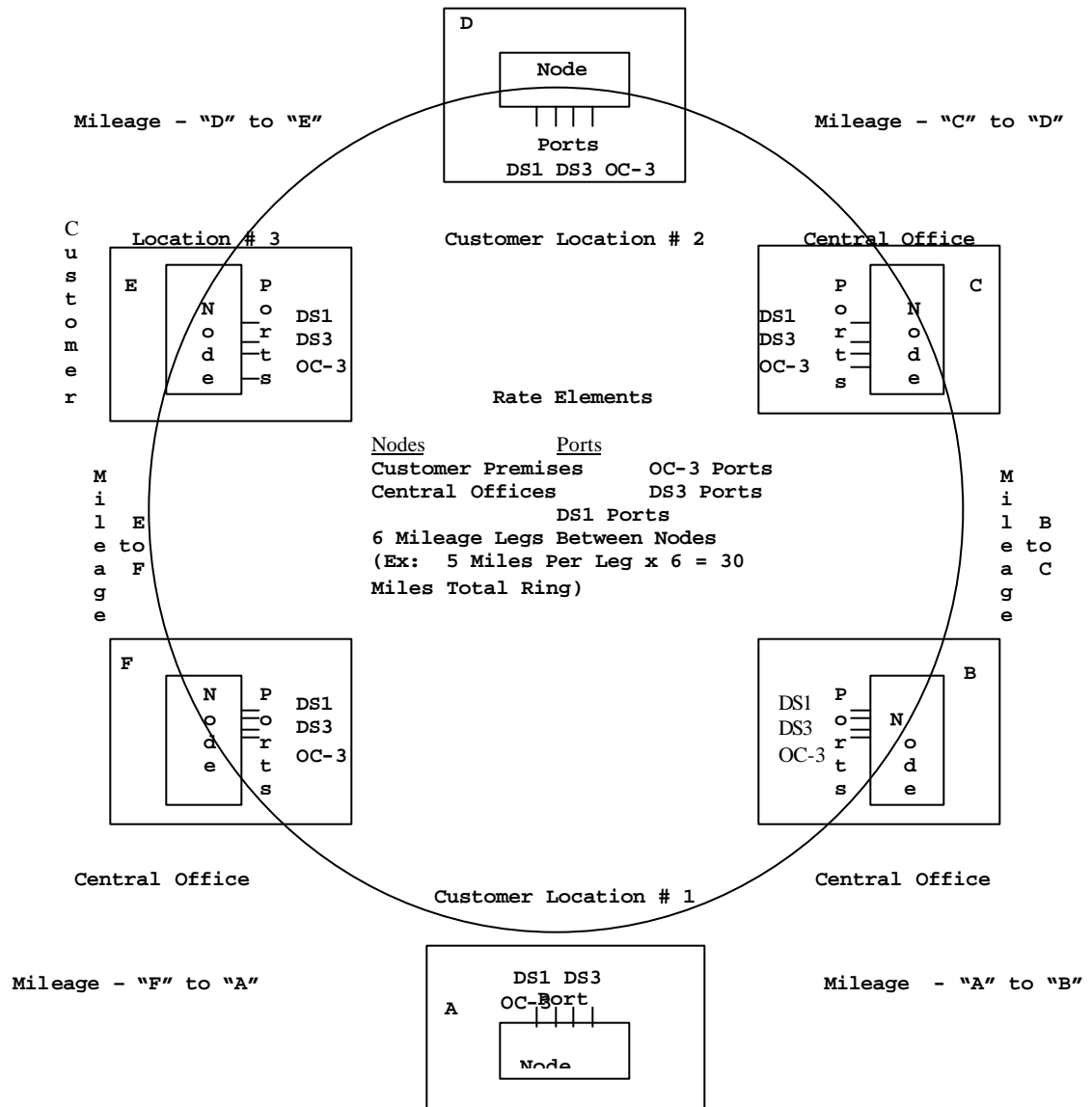
7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service Dedicated Ring (Cont'd)

(T)

(B) Dedicated Ring Configuration (Cont'd)

(8) Diagram OC-3, OC-12 OC-48, and OC-192 Ring

CBT OC-3 Dedicated Ring Service



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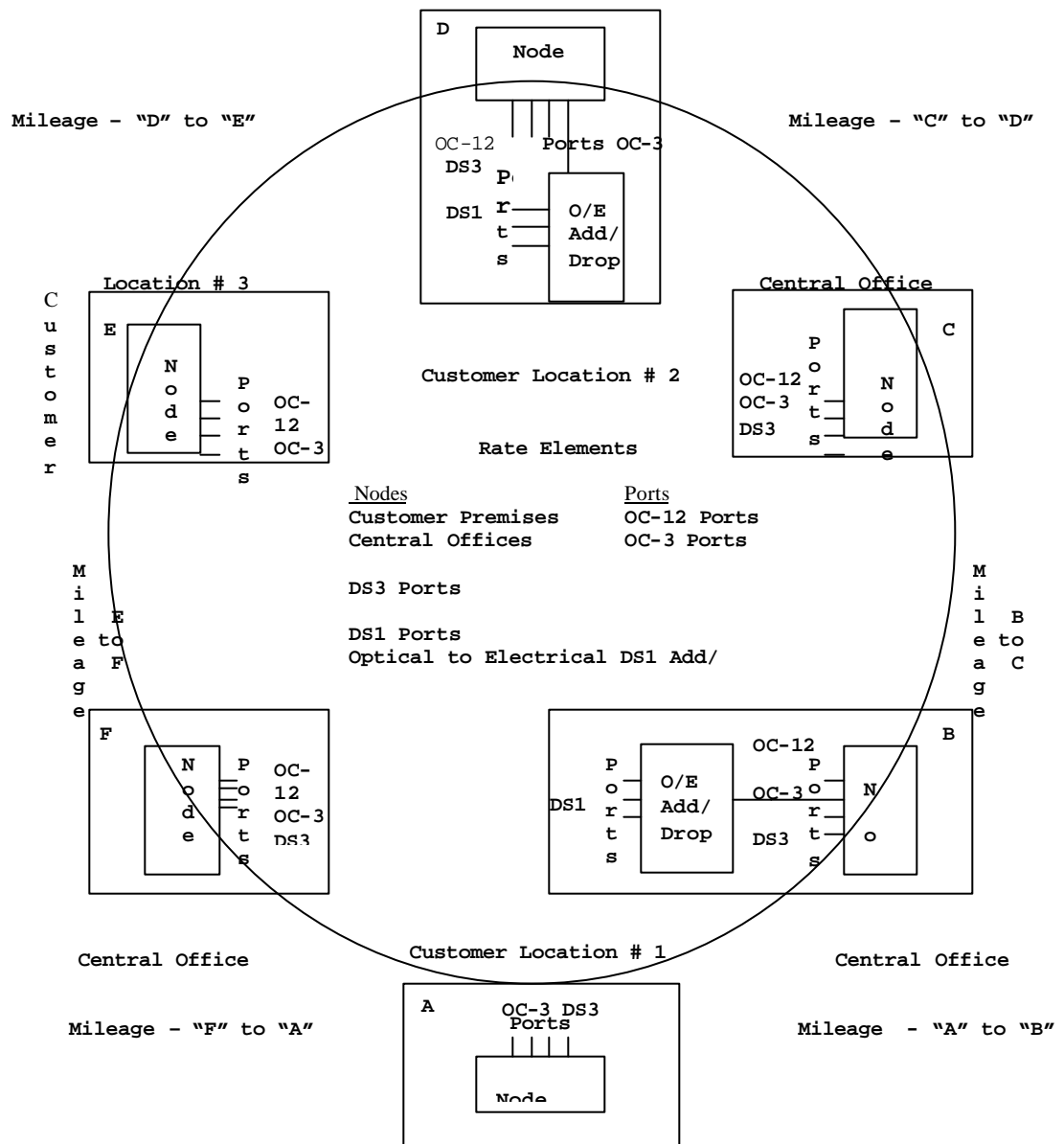
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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192

(T)

Service Dedicated Ring (Cont'd)(B) Dedicated Ring Configuration (Cont'd)(8) Diagram OC-3, OC-12 OC-48, and OC-192 Ring**CBT OC-12 Dedicated Ring Service**

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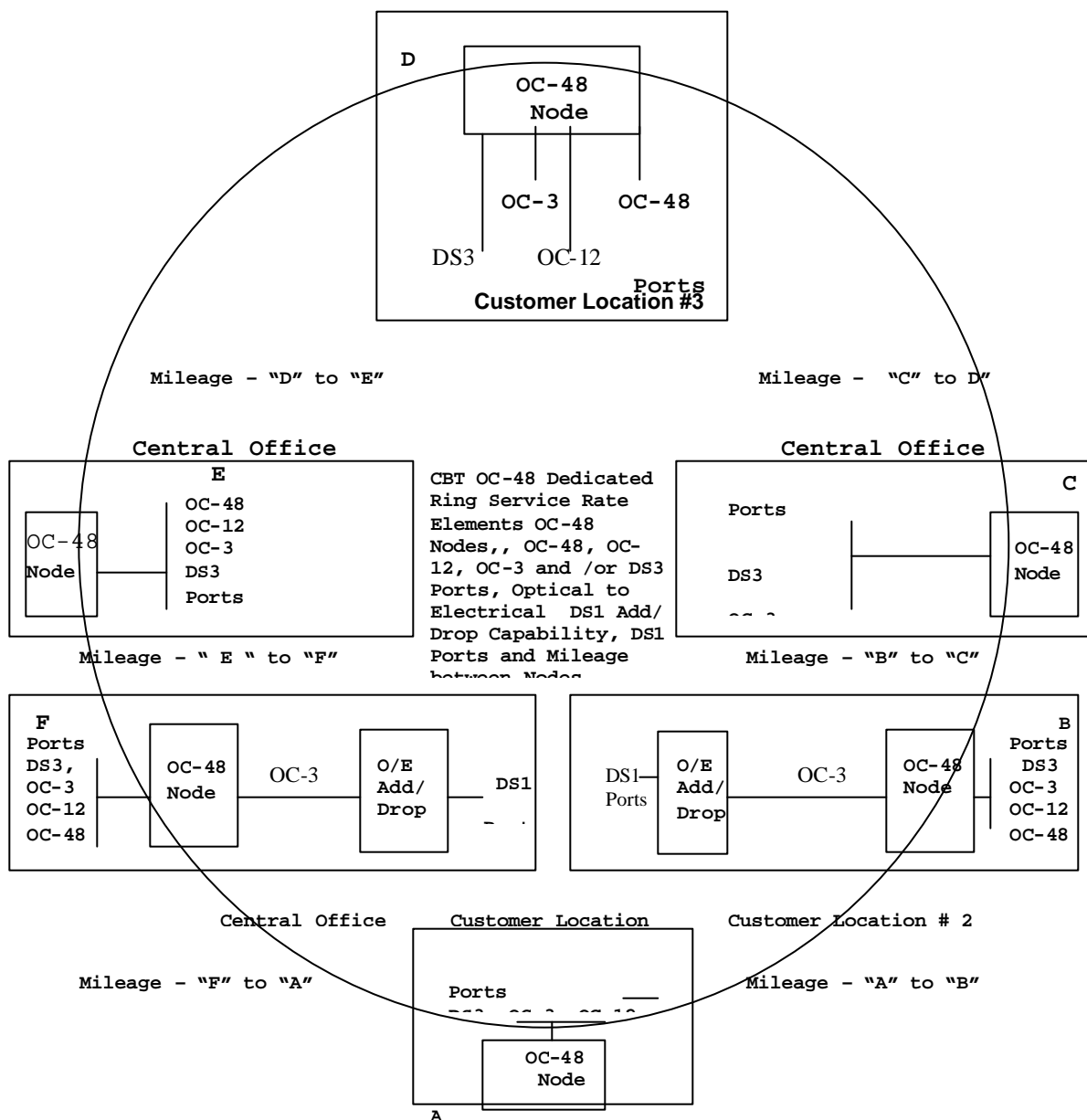
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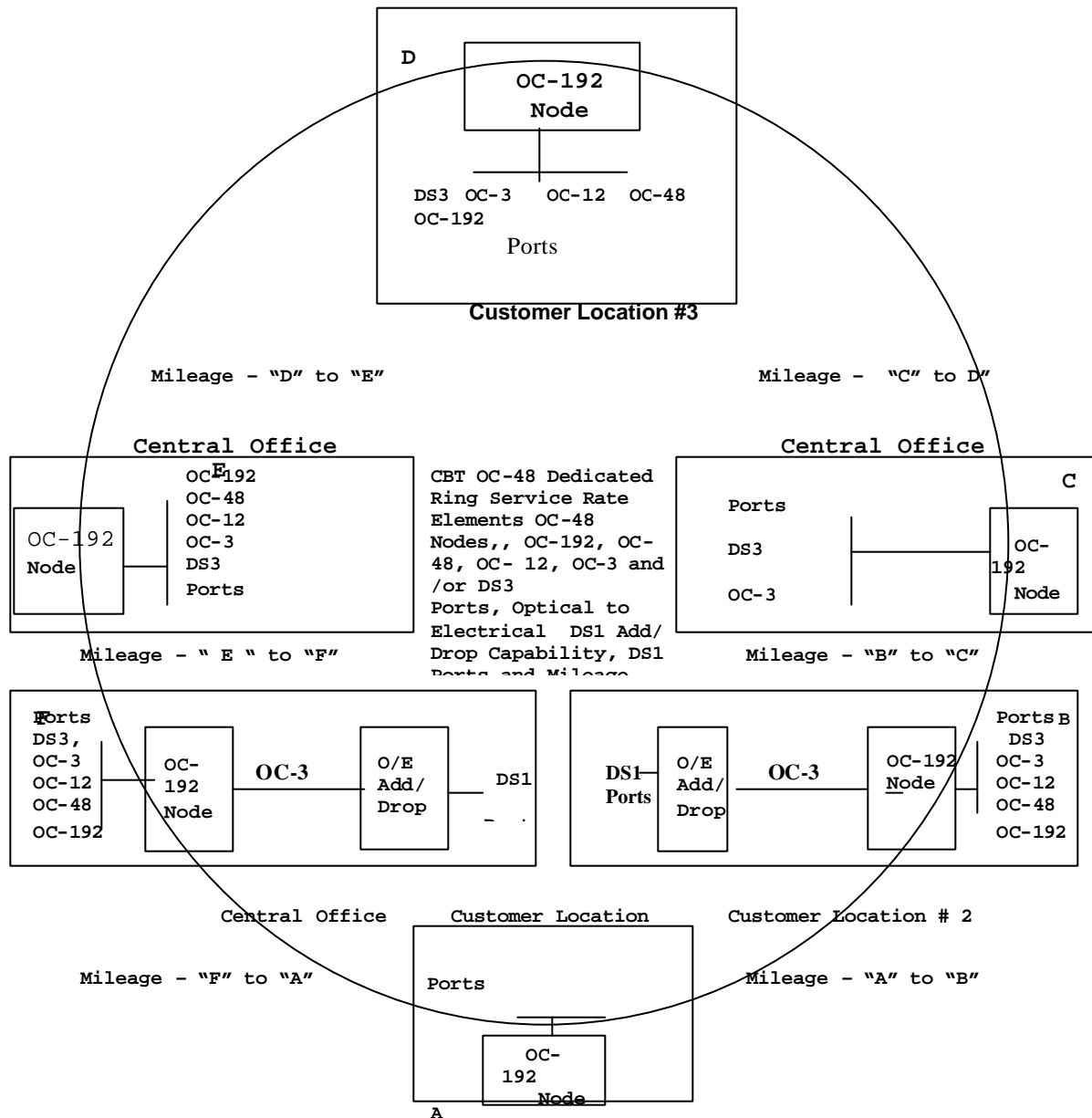
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ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 (T)Service Dedicated Ring (Cont'd)(B) Dedicated Ring Configuration (Cont'd)(8) Diagram OC-3, OC-12, OC-48 and OC-192 Ring**CBT OC-48 Dedicated Ring Service**

ACCESS SERVICE

7. Special Access Service (Cont'd)7.2 Service Descriptions (Cont'd)7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service Dedicated Ring (Cont'd) (T)(8) Diagram OC-3, OC-12, OC-48 and OC-192 Ring
CBT OC-192 Dedicated Ring Service

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 (T)
Service Dedicated Ring (Cont'd)

(B) Dedicated Ring Configuration (Cont'd)

(9) Optional Payment Period

Dedicated Rings are available for either 36 month or 60 month periods. Monthly recurring charges apply for the nodes, ports and mileage between nodes. If a node is added after the initial installation of the dedicated ring, the new node will carry the same OPP rate as the initial ring and be co-terminous with that OPP. However, if a node is added during the last 12 months or less of an OPP, the customer will be billed the initial OPP ring rate for a minimum period of 12 months.

Logical changes in the ring (change in mapping content) are not considered to be a dedicated ring termination, however, any physical change would be considered a termination and all appropriate termination liability would apply as specified in paragraph 7.4.9 following. Also, all other rate regulations pertaining to OPP would apply. See Section 7.3.7 following

ACCESS SERVICE

7. Special Access Service (Cont'd)7.4 Rates and Charges (Cont'd)7.4.2 High Capacity Service (Cont'd)*

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
(C) Optional Features and Functions				
(1) Multiplexing				
DS4 to DS1				
- Per arrangement	MXA++	ICB	None	
DS3 to DS1				
- Per arrangement	QM3X1	\$ 615.36	None	
DS2 to DS1				
- Per arrangement	MXD++	ICB	None	
DS1C to DS1				
- Per arrangement	MXH++	ICB	None	
DS1 to Voice*				(N)
- Per arrangement	QMVX1	\$ 350.00	None	(N)
DS1 to Digital Data				
- Per arrangement	QMKX1	\$ 350.00	None	
DS1 to DSO*				
- Per arrangement	QMU	\$300.00	None	
DSO to Subrates*				
- Per arrangement				
- Up to 20 2.4 kbps services	QSU24	\$ 61.49	None	
- Up to 10 4.8 kbps services	QSU48	36.10	None	
- Up to 5 9.6 kbps services	QSU96	23.40	None	

* One Year Minimum on all features and functions

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
- Point-to-Point Services (Cont'd)(C) OC-192 Service

	USOC	Recurring Charges Optional Payment Plan		
		Monthly	36 MOS.	60 Mos.
(1) Channel Termination	TMECS	\$13,000.00	11,000.00	9,000.00
- Per Point of Termination Terminating Bit Rate 9953.28 Mbps				
(2) Channel Mileage				
- Fixed	1L5XS	2,400.00	2,200.00	2,000.00
- Per mile at 9953.28 Mbps	1L5XS	150.00	125.00	100.00
- Long Haul Per Mile 40+ Miles at 9953.28 Mbps	ZZYDJ	500.00	450.00	400.00
(3) Optional Features and Functions				
(a) OC-192 Add/Drop Multiplexing	MXRGX	7,800.00	6,800.00	5,840.00
- Per Arrangement				
(b) Add/Drop Function				
- Per GigE	MXJJX	1,100.00	1,000.00	900.00
- Per 100mg	MXJKX	250.00	225.00	200.00
- Per 10mg	MXJLX	80.00	75.00	70.00
- Per OC-192	MXJ9X	2,000.00	1,900.00	1,800.00
- Per OC-48	MXJFX	1,000.00	950.00	900.00
- Per OC-12	MXJEX	500.00	450.00	405.00
- Per OC-3	MXJCX	200.00	150.00	135.00
- Per DS3	MXJBX	80.00	75.00	70.00

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ACCESS SERVICE

7. Special Access Service (Cont'd)7.5 Rates and Charges (Cont'd)7.5.3 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
- Point-to-Point Services (Cont'd)(C) OC-192 Service (Cont'd)

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

(c) ISP Connection	LVP	Monthly	100.00	
		36 MOS.	100.00	
		60 MOS.	100.00	
(d) Private Virtual Circuit/VLAN	PVCAX	Monthly	40.00	
		36 MOS.	40.00	
		60 MOS.	40.00	
	<u>USOC</u>	<u>Monthly</u>		
(e) 1+1 Protection with Route Survivability				
- Per Quarter				
Route Mile	S2DXY		20.00	
(f) 1+1 Protection with Central Office Survivability				
- Per Quarter				
Route Mile	S2VXY		20.00	
- Channel Mileage				
Fixed and Per Mile				Apply Rates and Charges As 7.5.12C Preceding
(g) Point-to-Point OC-192 Regenerator				
- Each (as required)	RGY92		5,800.00	
(h) Cross Connect OC-192 -OC-192	OCCGX		\$ 100.00	
(4) Optical to Electrical DS1 Add/Drop Capability		<u>Monthly</u>	<u>36 Mo.</u>	<u>60 Mo.</u>
- Per OC-3 to DS1 Add/Drop	MXJDX	1,200.00	1,150.00	1,100.00
- DS-1 Port at OC-48 Node	MXJAX	50.00(I)		

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ACCESS SERVICE

7. Special Access Service (Cont'd)7. Rates and Charges (Cont'd)7.4.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
- Dedicated Ring (Cont'd)*

(C) Ports (cont'd)		<u>USOC</u>	<u>36 Mo.</u>	<u>60. Mo.</u>
OC-3 at OC-192 Node	S9NEX		150.00	135.00
OC-12 at OC-192 Node	S9NGX		375.00	350.00
OC-48 at OC-192 Node	S9NJX		1,000.00	900.00
OC-192 at OC-192 Node	SPR9X		1,900.00	1800.00
DS3 at OC-192 Node	SPRXX		75.00	70.00
DS1 at OC-192 Node	SPR1X		45.00	40.00
10mg at OC-192 Node	SPRVX		75.00	70.00
100mg at OC-192 Node	SPRWX		225.00	200.00
GigE at OC-192 Node	SPRPX		1,000.00	900.00
ISP Connection	LVP		100.00	100.00
Private Virtual Circuit/VLAN	PVCAX		40.00	40.00
(D) Mileage				
Per mile between nodes by ring type				
OC-3	1A5BS		\$ 200.00	\$ 150.00
OC-12	1A5BS		200.00	150.00
OC-48	1A5BS		200.00	150.00
OC-192	1A5BS		200.00	150.00
(E) Optical to Electrical DS1 Add/Drop Capability				
Per OC-3 to DS1 Add/Drop				
	MXJDX		1,150.00	1,100.00
(F) Dedicated Ring Regenerator				
OC-3 Ea. (as req.)	RGY		1,000.00	900.00
OC-12 Ea. (as req.)	RGY		1,600.00	1,500.00
OC-48 Ea. (as req.)	RGY		2,800.00	2,700.00
OC-192 Ea. (as req.)	RGY		5,600.00	5,400.00

* Three Year Minimum on all features and functions

** Optical to Electrical DS1 add/drop capability as shown in 7.2.4
is needed along with an OC-3 port. (Not available with OC-192
Dedicated Ring Service)

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ACCESS SERVICE

7. Special Access Service (Cont'd)7. Rates and Charges (Cont'd)7.4.4 OC-3 Service, OC-12 Service, OC-48 Service and OC-192 Service (T)
- Dedicated Ring (Cont'd)*

	<u>USOC</u>	<u>36 Mo.</u>	<u>60. Mo.</u>
(D) Mileage			
Per mile between nodes by ring type			
OC-3	1A5BS	\$ 200.00	\$ 150.00
OC-12	1A5BS	200.00	150.00
OC-48	1A5BS	200.00	150.00
OC-192	1A5BS	200.00	150.00
(E) Optical to Electrical DS1 Add/Drop Capability			
Per OC-3 to DS1 Add/Drop	MXJDX	1,200.00	1,100.00
(F) Dedicated Ring Regenerator			
OC-3			
Each (as req.) RGY		1,000.00	900.00
OC-12			
Each (as req.) RGY		1,600.00	1,500.00
OC-48			
Each (as req.) RGY		3,100.00	2,900.00
OC-192			
Each (as req.) RGY		6,200.00	5,800.00

* Three Year Minimum on all features and functions

** Optical to Electrical DS1 add/drop capability as shown in 7.2.4
is needed along with an OC-3 port. (Not available with OC-192
Dedicated Ring Service)

ACCESS SERVICE

9. Directory Assistance Service

Customers may obtain Directory Assistance Service for telephone numbers in their local calling area at the rate specified below by calling the Directory Assistance operator

The rates and charges are:

- (A) Directory Assistance Service call, each \$0.30

10. Federal Government Specialized Service or Arrangements

(N)

10.1 General

This section covers Access Services that are provided to a customer for use only by agencies or branches of the Federal Government and other users authorized by the Federal Government Federal Government. Services provided to state emergency operations control communications, including communications for national security, emergency preparedness and presidential requirements. They are required to assure continuity of Government in emergency and crisis situations and to provide for national security. In addition, this section covers Telecommunications Service Priority (TSP) System services and procedures as set forth in 10.8.1(D) since it is administered by the Federal Government.

Services for command and control communications and for national security and emergency preparedness sometimes require short notice and short duration service provisions. These provisions are especially man-made, or declared emergencies. Requirements of this type cannot be forecasted and are usually needed for a relatively short period. The provision of service under these conditions may require the availability of facilities, such as portable microwave equipment, which are provided on a temporary basis by the Telephone Company or Customer.

10.2 Emergency Conditions

These services will be provided on the date requested or as soon as possible thereafter when the emergency falls into one of the following categories:

- (A) State of crisis declared by the National Command Authorities (includes commitments made to the National Communications System in the "National Plan for Emergencies and Major Disasters").

(N)

(M)

(M)

Regulations formerly appearing on this page are now found on page 201.14

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)

(N)

10.2 Emergency Conditions (Cont'd)

- (B) Efforts to protect endangered U.S. personnel or property both in the U.S. and abroad. (Includes space vehicle recovery and protection efforts.)
- (C) Communications requirements resulting from hostile action, a major disaster or a major civil disturbance.
- (D) The director (Cabinet level) of a Federal department, Commander of a Unified/Specified Command, or head of a military department has certified that a communications requirement is so critical to the protection of life and property or to the National Defense that it must be processed immediately.
- (E) Political unrest in foreign countries which affect the national interest.
- (F) Presidential Service.

10.3 Intervals to Provide Service

Certain services provided under the provisions of this section of tariff are provided on an individual case basis. Therefore, orders for such service shall be placed under the Negotiated Interval provisions set forth in 5.2.1(B) preceding.

(N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd) (N)10.4 Safeguarding of Service10.4.1 Facility Availability

In order to insure communications during periods of emergency, the Telephone Company will, within the limits of good management, make available the necessary facilities to restore service in the event of damage or to provide temporary emergency service as set forth in 10.8.1(D) and 10.8.3(D) following.

10.4.2 Utilization of Government Owned Facilities

In order to meet the requirements of agencies or branches of the Federal Government, the Telephone Company may utilize government-owned facilities, when necessary to provide service.

10.5 Federal Government Regulations

In accordance with Federal Government Regulations, all service provided to the Federal Government will be billed in arrears. However, this provision does not apply to other customers that obtain services under the provisions of this tariff to provide their services to the Federal Government.

10.6 Mileage Application

Mileage, when used for rate application in this section of the tariff, shall be determined by the V and H Coordinates Method as set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC., WIRE CENTER AND INTERCONNECTION INFORMATION, TARIFF F.C.C. No. 4 and administered as set forth in 7.3.4 preceding.

(N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)

(N)

10.7 Move Charges

When service without a maximum termination liability charge associated with it, as set forth in 10.8.1 and 10.8.2 following, is moved to a new location within the same building or to a different building, all associated nonrecurring charges apply.

When service with a maximum termination liability charge associated with it, as set forth in 10.8.1 and 10.8.2 following, is moved and is reinstalled at a new location, the customer may elect:

- to pay the unexpired portion of the maximum termination liability charge for the service, if any, with the application of a nonrecurring charge and the establishment of a new maximum termination liability charge for such service at the new location, or
- to continue service subject to the unexpired portion of the maximum termination liability charge, if any, and pay the estimated costs of moving such service, provided that the customer requests these charges be quoted prior to ordering the service move. Charges for moving such service will be based on estimated costs attributable to the move.

Move charges include the estimated costs of removal, restoration of services or facilities necessitated by the move, transportation, storage, reinstallation, engineering, labor, supervision, materials, administration, and any other specific items of cost directly attributable to the move.

(N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)

(N)

10.8 Service Offerings

The following unique services are provided to a customer for use only by agencies or branches of the Federal Government, other authorized users and state emergency operations centers. The rates and charges for certain services shall be developed on an individual case basis and shall be consistent with the rates and charges for services offered in other sections of this tariff.

10.8.1 Type and Description(A) Voice Grade Special Access Services(1) Voice Grade Secure Communications Type I

Approximate bandwidth of 10-50,000 Hertz. Furnished for two-point secure communications on two-wire or four-wire metallic facilities between IC premises and end user's premises. Services are conditioned as follows:

T-3 Conditioning - The absolute loss (referenced to 1 milliwatt) with respect to frequency shall not exceed:

15 dB at 10 Hz
13 dB at 100 Hz
9 dB at 1,000 Hz
20 dB at 10,000 Hz
30 dB at 50,000 Hz

(N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd) (N)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(A) Voice Grade Special Access Services (Cont'd)(1) Voice Grade Secure Communications Type I (Cont'd)

Additional conditioning (available in one or two directions on four-wire facilities only) to provide the following characteristics:

The absolute loss (referenced to one milliwatt) with respect to frequency shall not exceed:

0 db at 1,000 Hz
+ 1 dB between 1,000 Hz and 40,000 Hz
+ 2 dB between 10 Hz and 50,000 Hz
(+ means more loss)

The net loss of the conditioned service (with or without additional conditioning) shall not vary by more than four dB at 1,000 Hz from the levels specified above. Voice frequency signaling or supervisory tones can be transmitted.

(2) Voice Grade Secure Communications Type II

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communications between an IC premises on an end user's premises and an end user's premises. Services are conditioned as follows:

G-1 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same as Voice Grade Secure Communications Type I services without additional conditioning. Voice frequency signaling or supervisory tones can be transmitted. (N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd) (N)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(A) Voice Grade Special Access Services (Cont'd)(3) Voice Grade Secure Communications Type III

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communications between an IC premises switch and an end user's premises. Services are conditioned as follows:

G-2 Conditioning - The absolute loss with respect to frequency and the net loss variation from the switch to an end user's premises shall be the same as Voice Grade Secure Communications Type I services without additional conditioning; from an end user's premises to the switch shall be the same as Voice Grade Secure Communications Type I services with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

(4) Voice Grade Secure Communications Type IV

Approximate bandwidth 10-50,000 Hz. Furnished on four-wire metallic facilities for duplex operation for two-point secure communication between two IC premises switches. Services are conditioned as follows:

G-3 Conditioning - The absolute loss with respect to frequency and the net loss variation shall be the same in both directions of transmission as Voice Grade Secure Communications Type I services with additional conditioning. Voice frequency signaling or supervisory tones can be transmitted.

(N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd) (N)10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(B) Wideband Digital Special Access Service

Service arrangements for secured communications to accommodate the transmission of binary digital baseband signals in a random polar format.

(1) Wideband Secure Communications Type I

For transmission at the rate of 18,750 bits per second.

(2) Wideband Secure Communications Type II

For transmission at the rate of 50,000 bits per second.

(3) Wideband Secure Communications Type III

To accommodate the transmission of restored polar two-level facsimile signals with a minimum signal element width of twenty microseconds at a rate of 50,000 bits per second.

To accommodate the transmission of binary digital baseband signals in a random polar format at the rate of 50,000 bits per second.

(C) Special Routing Access Service

Special Routing Access Service is furnished only to an IC for an agency or branch of the Federal Government. This service provides the customer's end users the ability to originate and terminate calls to or from the customer's premises utilizing a Special Routing Plan.

(N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd) (N)
10.8 Service Offerings (Cont'd)

10.8.1 Type and Description (Cont'd)(C) Special Routing Access Service (Cont'd)

This service is an optional service which operates in conjunction with Trunk Side Premium Access Service furnished to an IC under provisions of this tariff.

The Telephone Company will record Special Routing Access Service Active Mode Trunk Usage, and will bill the customer in accordance with these records. The hours for each trunk ordered will be summed and then rounded to the nearest hour, except that when the total is less than one hour, one hour will be used to determine the charge.

(D) Telecommunications Service Priority (TSP) System

- (1) Priority installation and/or restoration of National Security Emergency Preparedness (NSEP) telecommunications services shall be provided in accordance with Part 64.401, Appendix A, of the Federal Communications Commission's (FCC's) Rules and Regulations.

In addition, TSP System service shall be provided in accordance with the guidelines set forth in "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook" (NCS) H 3-1-2 dated July 9, 1990, and "Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual" (NCS) H 3-1-1.

The TSP System is a service, developed to meet the requirements of the Federal Government, as specified in the Service Vendor's Handbook and Service User's Manual which provides the regulatory, administrative and operational framework for the priority installation and/or restoration of NSEP telecommunications services. These include both Switched and Special Access Services. The TSP System applies only to NSEP telecommunications services, and requires and authorizes priority action by the Telephone Company providing such services.

(N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)

(N)

10.8 Service Offerings (Cont'd)10.8.1 Type and Description (Cont'd)(D) Telecommunications Service Priority (TSP) System
(Cont'd)

- (2) The TSP System's applicability is limited to Switched Access Services which the Telephone Company can discreetly identify for priority provisioning and/or restoration.
- (3) Some of the elements required for the TSP System are included in other sections of this tariff as general service offerings. They have been referenced in this section to reflect the complete TSP System with appropriate references to those other sections of the tariff for regulations, rates and charges.
- (4) The customer for TSP System Service also must be the same customer for the Access Service with which it is associated.
- (5) Under certain conditions it may be necessary to preempt one or more customer services with a lower or no Priority Restoration in order to install or restore NSEP telecommunications service(s) of a higher priority. If such preemption is necessary, and if circumstances permit, the Telephone Company will make reasonable effort to notify the preempted service customer of the action to be taken. Credit allowance for such service preemption shall be made in accordance with the provisions set forth in 2.4.3(E) preceding concerning Temporary Surrender of a Service.
- (6) The customer, in obtaining TSP System service, acknowledges and consents to the provision of certain customer service record information by the Telephone Company to the Federal Government, as specified in the TSP Service Vendor Handbook, in order for the Government to maintain and administer its overall TSP System. This customer service record information will include only TSP Authorization Code and Telephone Company Circuit/Service ID.

(N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd) (N)
- 10.8 Service Offerings (Cont'd)
- 10.8.1 Type and Description (Cont'd)
- (D) Telecommunications Service Priority (TSP) System (Cont'd)
- (7) When Priority Restoration Maintenance and Administration, as defined in the TSP Service Vendor Handbook, is discontinued (Revocation of Assigned Priority Restoration), and the associated Access Service is continued in service, the charge specified in 10.8.2(D)(2)(C) will not apply for such a discontinuance.
- (8) Credit allowance for service interruption for Priority Restoration Maintenance and Administration shall be the same as for the Access Service with which it is associated as set forth in 2.4.3 preceding.
- (9) Certain activities performed by the Telephone Company in association with the TSP System are as follows:
- (a) Priority Installation Invocation includes System Development, Verification, Confirmation and Preemption.
- (b) Priority Restoration Level Implementation includes System Development, Verification and Confirmation.
- (c) Priority Restoration Level Change includes Verification and Confirmation.
- (d) Priority Restoration Maintenance and Administration includes Reconciliation and Preemption.
- (10) The customer, in obtaining a Priority Installation and/or Restoration, recognizes that quoting charges and obtaining permission to proceed with the installation or restoration of certain Access Services will cause unnecessary delays and, as a result, would be contrary to the aforementioned Rules and Regulations. In subscribing to Priority Installation and/or Restoration service the customer recognizes this condition and grants the Telephone Company the right to quote charges after the restoration has been completed. (N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd)

(N)

10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges(A) Voice Grade Special Access Service

The provision of T-3 and G conditioned services contemplates station and tandem switching operations, using customer provided equipment, as well as Special Access Service. Separate narrowband or voice grade services, where required by the customer provided equipment or switching operation, are furnished in accordance with the applicable sections of this tariff.

<u>Voice Grade Secure Communications</u>	<u>USOC</u>	<u>Monthly Nonrecurring Termination</u>	
		<u>Rates</u>	<u>Charges</u>
Type I, each			
T-3 Conditioning,	GCA++	ICB rates and charges apply	
Additional Conditioning, per service termination	GTO++	ICB rates and charges apply	
Type II, each			
G-1 Conditioning,	GCB++	ICB rates and charges apply	
Type III, each			
G-2 Conditioning,	GCC++	ICB rates and charges apply	
Additional Conditioning, per service termination	G20++	ICB rates and charges apply	

(N)

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd) (N)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(A) Voice Grade Special Access Service (Cont'd)

<u>Voice Grade Secure Communications</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Termination Charges</u>
Type IV, each G-3 Conditioning, Additional, Conditioning, per service termination	GCD++	ICB rates and charges apply		
	G30++	ICB rates and charges apply		

(B) Wideband Digital Special Access Service

<u>Wideband Secure Communications</u>	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Termination Charges</u>
Type I, each	GW1++	ICB rates and charges apply		
Type II, each	GW2++	ICB rates and charges apply		
Type III, each	GW3++	ICB rates and charges apply		

(C) Special Routing Access Service

The following rates and charges are in addition to all other rates and charges that may be applicable for other services that may be furnished under the provisions of this tariff to operate in conjunction with this service:

	<u>USOC</u>	<u>Rates</u>	<u>Nonrecurring Charges</u>	
(1) Special Routing Access Service Special Routing Plan Setup, per Switching System	G1B	-	\$288.45	(N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd) (N)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(C) Special Routing Access Service (Cont'd)

	<u>USOC</u>	<u>Rates</u>	<u>Nonrecurring Charges</u>
(2) Special Routing Access Service Trunk Group Setup, per End Office or Tandem Office Switching Systems, per occurrence			
- Telephone Company Selection	G1D	-	\$442.15
- Customer Selection	G1S++	Rates and Charges Will Be Developed On Individual Case Basis	
(3) Special Routing Access Service Mode Selection (Active or Deactive), per Switching System, per occurrence			
	G1E	-	73.46
(4) Special Routing Access Service Trunk Usage, when in an active mode, per trunk, per hour	G1T	\$0.54*	

* This rate is in addition to Trunk Side Premium Access Service rates, as set forth in 6. preceding, that apply on an ongoing basis regardless of the mode selected as set forth in (3) preceding.

(N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd) (N)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(C) Special Routing Access Service (Cont'd)

	<u>USOC</u>	<u>Rates</u>	<u>Nonrecurring Charges</u>
(5) Special Routing Access Service Maintenance and Administration, per Switching System, per month	G1M	\$144.75	-

(D) Telecommunications Service Priority (TSP) System

The following rates and charges are in addition to all other rates and charges that may be applicable for other services that may be furnished under the provisions of this tariff which operate in conjunction with the TSP System. This includes, but is not limited to, Maintenance of Service as set forth in 13.3.1 following.

	<u>USOC</u>	<u>MONTHLY Rates</u>	<u>Nonrecurring Charges</u>
(1) Priority Installation (PI) of an Access Service - Invocation includes System Development, Verifica- tion, Confirmation and Preemption*			

Prime Service Vendor	PIAPX	-	\$944.69
Subcontractor	PIASX	-	944.69

(N)

* When an Access Service is ordered with both PI and PR, the associated nonrecurring charge for PR applies.

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ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd) (N)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(D) Telecommunications Service Priority (TSP) System
(Cont'd)

(1) Priority Installation (Cont'd)

- (a) Expedited (Emergency or Essential) Regulations, rates and charges are the same as those set forth in 5.2.2(D) preceding for the Switched or Special Access Service for which PI is required.

- (b) Utilizing Specially Constructed Regulations, rates and Facilities charges are the same as those set forth in this Company's Tariff F.C.C. No. 39 for Special Construction of the facilities for Switched or Special Access Service for which PI is required.

	MONTHLY	Nonrecurring
<u>USOC</u>	<u>Rates</u>	<u>Charges</u>

(2) Priority Restoration (PR)
Level Implementation
on an Access Service

- (a) When PR level is implemented - includes System Development Verification and Confirmation*,

Prime Service	PR5PX	-	\$944.69
Vendor			
Subcontractor	PR5SX	-	\$944.69

* When an Access Service is ordered with both PI and PR, the associated nonrecurring charge for PR applies.

(N)

ACCESS SERVICE

10. Federal Government Specialized Service or Arrangements (Cont'd) (N)10.8 Service Offerings (Cont'd)10.8.2 Rates and Charges (Cont'd)(D) Telecommunications Service Priority (TSP) System (Cont'd)

	<u>USOC</u>	<u>MONTHLY Rates</u>	<u>Nonrecurring Charges</u>	
(2) Priority Restoration (PR) (Cont'd)				
(b) When the PR level is changed on an associated working Access Service - includes Verification and Confirmation				
Prime Service Vendor	PR8PX	-	\$61.81	
Subcontractor	PR8SX	-	61.81	
(c) Administrative and maintenance of PR Service - includes Reconciliation and Preemption				
Prime Service Vendor	PR9PX	\$1.22	-	
Subcontractor	PR9SX	1.22	-	(N)

ACCESS SERVICE

- | | | |
|-----|-----------------|-----|
| 11. | <u>Reserved</u> | (M) |
| 12. | <u>Reserved</u> | (M) |

Regulations appearing on this page formerly appeared on page 201.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)

13.3.8 Service/Circuit Rearrangement

(T)

This option changes the Common Language Location Identification (CLLI) for a customer to their Point-Of-Presence (POP), or changes the customer facilities assignment.

USOC	Non-Recurring Rate
------	--------------------

Special	NRMC5	65.00
Per Channel	NRMC6	60.00

13.3.9 Design Management Charge

(T)

Applies on a per-circuit basis at the lowest circuit level moved for project coordination when customer is moving facilities within the customers network or from one customer network to another.

Circuit Type	USOC	Non-Recurring Rate
DS0 (VG, DDS, Audio,	PCCD0	\$ 250.00
DS1	PCCT1	500.00
LAN - 10Mg	PCC10	1,000.00
DS3,Video,LAN-100Mg	PCCT3	1,500.00
OC-3	PCC03	2,000.00
OC-12	PCC12	4,000.00
OC-48, LAN - 1Gbps	PCC48	8,000.00
OC-192	PCC92	16,000.00

13.3.10 Circuit Identification Change Charge

(T)

Applies per occurrence when a carrier requests changing the customer circuit identification.

USOC	Non-Recurring Rate
NRTAG	\$ 300.00

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks - Registration Program

(N)

Standard jacks are provided by the Telephone company to connect Registered Equipment to those services that are subject to the Registration Program as set forth in Technical Reference Publication AS No. 1. The use of jacks is covered in Part 68 of the F.C.C.'s Rules and Regulations. Specific jacks are described in the document on file with the FCC entitled "Descriptions of Standard Registration Program Connection Configurations Supplementing Configurations Described in Subpart F of Part 68 of the FCC's Rules and Regulations."

These jacks are used to terminate services provided by the Telephone Company. Other services or facilities provided by the Telephone Company or by others may also be terminated in any spare capacity of the jacks remaining after installation without additional charge for the use of such capacity.

The nonrecurring charges, which include installation, for standard jacks and their typical uses are set forth following:

	<u>USOC</u>	<u>Nonrecurring Charges</u>	
(A) <u>Standard Voice Jacks</u>			
(1) Miniature six-position jacks for connection of terminal equip- ment as follows:			
(a) Single line tele- phone set, sur- face or flush mounted.	RJ11C	\$00.00	
(b) Single line telephone sets, wall mounted.	RJ11W	32.00	(N)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)Standard Jacks - Registration Program (Cont'd)

(N)

(A) Standard Voice Jacks (Cont'd)

(1) (Cont'd)	USOC	Charges	Nonrecurring
(c) Two-line nonkey telephone sets, surface or flush mounted.	RJ14C		\$32.00
(d) Single-line, bridged 4-wire exchange, 2/RT, T1/R1.	RJ1DC		32.00
(e) Two-line nonkey telephone sets, wall mounted.	RJ14W		32.00
(f) For Connection of two exchange access lines with a sliding cover for testing each line with a standard single line telephone	RJ14X		32.00
(g) 9DB single line data equipment with mode indication and mode indication common leads. This jack is normally used in association with a series jack.	RJ16X		32.00

(N)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks-Registration Program (Cont'd)

(N)

(A) Standard Voice Jacks (Cont'd)

(1)	(Cont'd)	<u>USOC</u>	<u>Nonrecurring Charges</u>
(h)	Three-line non-key telephone sets and ancillary devices.	RJ25C	\$38.00
(i)	Single-line non-key telephone and ancillary devices connected directly to central office lines where there is a requirement for make-busy.	RJ18C	38.00
(j)	Single-line, non-key telephone and ancillary devices connected directly to central office lines where there is a requirement for make-busy; wall mounted.	RJ18W	31.00
(2)	50 Position Miniature Ribbon for connection of multiline terminating equipment and channel derivation devices as follows:		
(a)	For connection to 2-wire tie trunks; E&M type I signaling. (12 line capacity)	RJ2EX	96.00
(b)	For connection to 4-wire tie trunks; E&M type I signaling. (8 line capacity)	RJ2GX	96.00

(N)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks-Registration Program (Cont'd)

(N)

(A) Standard Voice Jacks (Cont'd)

(2) (Cont'd)	<u>USOC</u>	<u>Nonrecurring Charges</u>	
(c) For connection to 2-wire tie trunks; E&M type II signaling. (8 line capacity)	RJ2FX	\$ 96.00	
(d) For connection to 4-wire tie trunks; E&M type II signaling. (6 line capacity)	RJ2HX	96.00	
(e) For connection to off-premises station lines. (25 line capacity)	RJ21X	96.00	
(f) For use with series devices such as toll restrictors. (12 line capacity)	RJ71C	99.00	
(g) For connection of up to 12 lines, bridged 4-wire exchange, 2/RT, T1/R1.	RJ2DX	96.00	(N)

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks-Registration Program (Cont'd) (N)(A) Standard Voice Jacks (Cont'd)

(2)	(Cont'd)	<u>USOC</u>	<u>Nonrecurring Charges</u>	(N)
(h)	For connection of 2-12 nonkey telephone and ancillary devices connected directly to central office lines where there is a requirement for make-busy.	RJ2MB	\$99.00	
(3)	Miniature Eight-Position Jack. Four line, non-key telephone sets, for connection to ancillary devices and key telephone systems.	RJ61X	38.00	
(4)	Series Jack for connection of terminal equipment as follows:			
(a)	Single line alarm reporting devices.	RJ31X	44.00	
(5)	Miniature Eight-Position Series Jack for connection of alarm reporting devices	RJ38X	44.00	
(6)	Weatherproof Jack for use with single line telephone sets used at locations such as boats and marinas.	RJ15C	140.00	(N)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks - Registration Program (Cont'd)

(N)

(B) Standard Data Jacks

	<u>USOC</u>	<u>Nonrecurring Charges</u>	
(1) Up to Eight-Miniature, Eight-Position Keyed Jacks, in multiple mounting arrangements. Multiple line bridged tip and ring. Multiple installations of a fixed loss loop (FLL) or programmed (P) types of data equipment.	RJ41M	\$ 225.00	
(2) Universal Data Jack for use in connecting fixed loss loop (FLL) and programmed (P) types of data equipment. (1 line capacity)	RJ41S	70.00	
(3) Up to Eight-Miniature, Eight-Position Keyed Jacks, in multiple mounting arrangements. Multiple line bridged tip and ring. Multiple installations of programmed (P) types of data equipment.	RJ45M	225.00	
(4) Programmed Data Jack for use in connecting programmed data equipment. (1 line capacity)	RJ45S	75.00	(N)

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ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks-Registration Program (Cont'd)

(N)

(B) Standard Data Jacks (Cont'd)

	<u>USOC</u>	<u>Nonrecurring Charges</u>	
(5) Multiple Line Universal Data Jack for use in connecting fixed loss loop (FLL) and programmed (P) types of data equipment. This jack will terminate up to eight lines. The selection of this jack requires the use of the equipment listed following.	RJ26X	\$400.00	
(a) Multiple Line Universal Data Jack Circuit Cards. For use with RJ26X. One circuit card per circuit required.	RJ26S	42.00	
(b) Multiple Line Universal Data Jack Mounting options. For use with RJ26X. One required per RJ26X.			
- Wall Mounting with cover.	RJM3X	57.00	
- Rack Mounting (19 inch or 23 inch)	RJM4X	62.00	(N)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks-Registration Program (Cont'd)

(N)

(B) Standard Data Jacks (Cont'd)

	<u>USOC</u>	<u>Nonrecurring Charges</u>
(6) 50-Position Miniature Ribbon Jack, for programmed (P) types of data equipment. Single or multiple-line bridged tip and ring.	RJ27X	\$96.00
(7) Miniature Eight-Position Keyed Jack for connection of local area data channels and/or Digital Data Access Services.	RJ48S	00.00
(8) Miniature Fifty-Position Ribbon Jack for connection of local area data channels and/or Digital Data Access Services.*	RJ48T	96.00
(9) Miniature Eight-Position Keyed Modular Jack equipped with make busy leads, tip and ring.	RJ4MB	61.00
(10) Miniature Eight-Position Keyed Jack for connection of Local Area Data Channels (Providing T-R and T1-R1).	JM8	40.00

* The Telephone Company will wire the lines to the jack in the sequence designated by the customer.

(N)

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13. Additional Engineering, Additional Labor and Miscellaneous Services (Cont'd)

13.3 Miscellaneous Services (Cont'd)13.3.4 Standard Jacks-Registration Program (Cont'd) (N)

		<u>USOC</u>	<u>Nonrecurring Charges</u>	
(C)	<u>Standard Digital Jacks</u>			
(1)	Miniature Eight-Position Jack for connection of 1.544 Mbps Digital Services.	RJ48C	40.00	
(2)	Miniature Eight-Position Jack for connection of 1.544 Mbps Digital Services. Tip and Ring, T1-R1. Conductors 7 and 8 provide cable shield integrity. Conductors 3 and 6 are reserved for future use.	RJ48X	00.00	
(3)	50-Position Miniature Ribbon Jack for connection of 1.544 Mbps Digital Services. Eight tip and ring, eight T1-R1. Conductors 25 and 50 provide cable shield integrity. 16 conductors are reserved for future use.	RJ48M	96.00	
(4)	50-Position Miniature Ribbon Jack connecting up to twelve 1.544 Mbps Digital lines. 12 four wire circuits, tip and ring and tip 1/ring 1.	RJ48H	96.00	(N)

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ACCESS SERVICE

17. Cincinnati Bell Ethernet Service (T)17.1 Service Description

Cincinnati Bell Ethernet Service is an end-to-end high-speed data transport service which customers use for LAN interconnection and/or high-speed Internet access. (T)

17.2 Service Provisioning

CBT will provide Cincinnati Bell Ethernet Service for one or more of the following types of Ethernet LANs: Ethernet LANs operating at speeds of 1.544 Mbps, 3 Mbps, 4.5 Mbps, 6 Mbps, 10 Mbps, 100 Mbps, 200 Mbps, 300 Mbps, 400 Mbps, 500 Mbps, 600 Mbps, 700 Mbps, 800 Mbps, 900 Mbps, 1 Gbps and 10 Gbps. (T)

The Quality of Service (QoS) optional feature enables the Customer to specify the level of delay, delay variation (jitter), bandwidth packet loss and availability.

Cincinnati Bell Ethernet Service will be available 24 hours per day, 7 days per week, except as required to update, enhance, maintain and/or repair Cincinnati Bell Ethernet Service. CBT reserves the right to perform these tasks, as needed, during off-peak hours, normally on Sundays from 12:00 a.m. to 6:00 a.m. (T)

At the request of Customer CBT will interconnect one or more additional LANs owned by Customer to the LANs interconnected pursuant to this Tariff so long as such additional LANs are of the same type as the LANs interconnected hereunder. (e.g., An Ethernet LAN may only be extended to another Ethernet LAN but may be at a different speed.) (T)

Unless otherwise agreed in writing, CBT will provide Cincinnati Bell Ethernet Service for data transmission only. (T)

The electrical signals of Cincinnati Bell Ethernet Service operate in compliance with the following American National Standard Institute ("ANSI") or IEEE standards for Ethernet LANs operating at speeds of 1.544 Mbps, 3 Mbps, 4.5 Mbps, 6 Mbps, 10 Mbps, 100 Mbps, 200 Mbps, 300 Mbps, 400 Mbps, 500 Mbps, 600 Mbps, 700 Mbps, 800 Mbps, 900 Mbps, 1 Gbps, and 10 Gbps IEEE Standards 802.3 and 802.3u (Carrier Sense Multiple Access with Collision Detection (SMA/CD) Access Method and Physical Layer Specifications). (T)

Cincinnati Bell Ethernet Service supports the following interfaces: (T)
(i) for Ethernet LANs operating at speeds of 1.544 Mbps, 3 Mbps, 4.5 Mbps, 6 Mbps, 10 Mbps, 10 Base T and AUI or 100 Mbps, 200 Mbps, 300 Mbps, 400 Mbps, 500 Mbps, 600 Mbps, 700 Mbps, 800 Mbps, 900 Mbps, 100 Base T; and (ii) for Ethernet LAN's operating at a Native Mode of 1 Gbps or 10 Gbps, SX or LX Gigabit Interface Connectors.

ACCESS SERVICE

17. Cincinnati Bell Ethernet Service

(T)

17.2 Service Provisioning (Cont)

CBT will use its best efforts to repair any inoperable Cincinnati Bell Ethernet Service port within 4 hours after Customer has notified CBT that such port is inoperable. If such port remains inoperable for more than 8 hours after Customer has notified CBT that such port is inoperable, CBT will credit Customer's account for an amount equal to one-thirtieth (1/30) of the applicable monthly charge for such port. The same credit will apply for each additional 8-hour period that the port remains inoperable. The total amount of all credits for any one inoperable port will not exceed the monthly port charge for such inoperable port. The credit referred to herein shall be CBT's entire liability and Customer's exclusive remedy for any damages resulting from such inoperable port. (T)

Without the prior written consent of CBT, Customer will not access, or attempt to access, any equipment or facilities furnished by CBT in connection with this Tariff. Customer will indemnify and hold harmless CBT, its officers, directors, employees and agents, from and against any loss or expense, of whatever nature, arising out of any unauthorized access to any equipment or facilities furnished by CBT in connection with this Tariff. (T)

All equipment and facilities used by CBT in providing Cincinnati Bell Ethernet Service hereunder will remain the sole property of CBT, whether or not attached to or embedded in reality, unless otherwise agreed to in writing by the parties with respect to specific equipment. (T)

Customer agrees that any technical, financial or business information of CBT furnished to Customer in connection with this Agreement is confidential and proprietary to CBT, shall remain the property of CBT at all times and shall be returned to CBT upon request.

ACCESS SERVICE

17. Cincinnati Bell Ethernet Service

(T)

17.3 Obligations of the Customer

CBT will not be responsible for damages, malfunctions or failures caused by (a) Customer's failure to follow any operation or maintenance instructions provided by CBT to Customer; (b) Customer's repair, modification to or relocation of equipment used to provide service hereunder, or attachment of equipment not approved by CBT; and (c) abuse, misuse or negligent acts of Customer. Customer may request CBT to perform repair service for Customer in such instances on a time-and-materials basis.

Customer will furnish, at its expense, such space, electrical power and environmental conditioning at Customer's premises as CBT may reasonably require in connection with performing its obligations hereunder. Customer will permit CBT reasonable access to Customer's premises, in accordance with Customer's normal security procedures, in connection with providing service hereunder.

Customer will provide, install and maintain, at its expense, all equipment and facilities necessary for LAN interconnection on the Customer's side of the Demarcation Point. Customer shall be responsible for insuring that the operating characteristics of such equipment and facilities are compatible with Cincinnati Bell Ethernet Service and conform to the Technical Reference Specifications furnished by CBT to Customer in connection with this Tariff.

(T)

Customer will cause its electrical signals at the Demarcation Point to conform to the applicable ANSI or IEEE standards set forth in Section 8, above. Any additional equipment or facilities necessary to comply with such standards shall be furnished by Customer at its expense.

Prior to requesting repair service from CBT, Customer will use its best efforts, including but not limited to performing reasonable diagnostic tests, to verify whether any trouble with The LAN Advantage service is a result of the Customer's equipment or facilities. Customer shall be responsible for any such trouble resulting from the Customer's equipment or facilities. Customer will cooperate with any joint testing of Cincinnati Bell Ethernet Service reasonably requested by CBT.

(T)

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ACCESS SERVICE

17. Cincinnati Bell Ethernet Service

(T)

17.4 Rate Regulations

The rates and charges set forth for Cincinnati Bell Ethernet Service provide for the furnishing of service where suitable facilities are available. Where special construction of facilities is necessary, special construction charges may apply.

(T)

At locations where Customer provides power to CBT, CBT is not responsible for out of service conditions caused by power outages.

Customer shall pay CBT for Cincinnati Bell Ethernet Service at the applicable monthly rate for the type of Cincinnati Bell Ethernet Service, selected by the Customer, as indicated in Section D. In addition, Customer shall pay to CBT the applicable per port nonrecurring charge set forth in Section D.

(T)

(T)

If Customer cancels, in whole or in part, any requested addition, rearrangement, relocation or other modification to Cincinnati Bell Ethernet Service prior to completion thereof, Customer will reimburse CBT for the actual expenses incurred by CBT in connection with such modification prior to CBT's receipt of notice of cancellation; provided, however, the amount of such reimbursement will not exceed the service, construction, installation, termination and other charges for which Customer would have otherwise been responsible.

(T)

(T)

Cincinnati Bell Ethernet Service is available for a minimum term of 12 months or under a term payment plan of 24, 36, 48 or 60 months. If a Customer terminates a service, without cause, prior to the expiration of the term, the Customer will pay to CBT a termination charge equal to all remaining amounts due or to become due, including but not limited to all monthly charges for which Customer would have been responsible if the Customer had not terminated prior to the end of the applicable 12, 24, 36, 48 or 60-month term payment plan.

(T)

If Customer removes one or more ports from service prior to the expiration of the term hereof, Customer will pay to CBT a termination charge equal to all monthly charges for such port(s) for which Customer would have been responsible had Customer not removed such port(s).

ACCESS SERVICE

17. Cincinnati Bell Ethernet Service

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17.5 Rates and Charges

Electrical Port Type (Per Port)

		Nonrec		Monthly Rates			
Type of Service	Charge	Monthly	24 Mo.	36 Mo.	48 Mo.	60 Mo.	USOC
Unprotected Ports							
1.544 Mbps Ethernet LAN							
(Per Initial port)	250.00	375.00	363.75	348.75	337.50	330.00	LVZAH
(Per Add'l port)	250.00	375.00	363.75	348.75	337.50	330.00	LVZBH
3 Mbps Ethernet LAN							
(Per Initial port)	1000.00	525.00	509.25	488.25	472.50	462.00	LVZAS
(Per Add'l port)	1000.00	525.00	509.25	488.25	472.50	462.00	LVZBS
4.5 Mbps Ethernet LAN							
(Per Initial port)	1000.00	637.50	618.38	592.88	573.75	561.00	LVZAV
(Per Add'l port)	1000.00	637.50	618.38	592.88	573.75	561.00	LVZBV
6 Mbps Ethernet LAN							
(Per Initial Port)	1000.00	900.00	873.00	837.00	810.00	792.00	LVZAW
(Per Add'l port)	1000.00	900.00	873.00	837.00	810.00	792.00	LVZBW
10 Mbps Ethernet LAN							
(Per Initial port)	1000.00	675.00	654.75	627.75	607.50	594.00	LVZAU
(Per Add'l port)	500.00	187.50	181.00	174.38	168.75	165.00	LVZBU
100 Mbps Ethernet LAN							
(Per Initial port)	1000.00	1350.00	1309.50	1255.50	1215.00	1188.00	LVZA1
(Per Add'l port)	500.00	562.50	545.63	523.13	506.25	495.00	LVZB1
200 Mbps Ethernet LAN							
(Per Initial port)	1100.00	1500.00	1447.50	1387.50	1342.50	1312.50	LVZA2
(Per Add'l port)	700.00	791.25	766.88	736.88	712.50	697.50	LVZB2
300 Mbps Ethernet LAN							
(Per Initial port)	1150.00	1650.00	1586.25	1518.75	1470.00	1436.25	LVZA3
(Per Add'l port)	800.00	1020.00	987.75	950.63	918.75	900.00	LVZB3
400 Mbps Ethernet LAN							
(Per Initial port)	1200.00	1800.00	1725.00	1650.00	1597.50	1560.00	LVZA4
(Per Add'l port)	900.00	1248.75	1209.38	1164.38	1125.00	1102.50	LVZB4
500 Mbps Ethernet LAN							
(Per Initial port)	1250.00	1950.00	1863.75	1781.25	1725.00	1683.75	LVZA5
(Per Add'l port)	1000.00	1477.50	1430.63	1378.13	1331.25	1305.00	LVZB5
600 Mbps Ethernet LAN							
(Per Initial port)	1300.00	2100.00	2002.50	1912.50	1852.50	1807.50	LVZA6
(Per Add'l port)	1100.00	1706.25	1651.88	1591.88	1537.50	1507.50	LVZB6
700 Mbps Ethernet LAN							
(Per Initial port)	1350.00	2250.00	2141.25	2043.75	1980.00	1931.25	LVZA7
(Per Add'l port)	1200.00	1935.00	1873.13	1805.63	1743.75	1710.00	LVZB7
800 Mbps Ethernet LAN							
(Per Initial port)	1400.00	2400.00	2280.00	2175.00	2107.50	2055.00	LVZA8
(Per Add'l port)	1300.00	2163.75	2094.38	2019.38	1950.00	1912.50	LVZB8
900 Mbps Ethernet LAN							
(Per Initial port)	1450.00	2550.00	2418.75	2306.25	2235.00	2178.78	LVZA9
(Per Add'l port)	1400.00	2392.50	2315.63	2233.13	2156.25	2115.00	LVZB9
1 Gbps Ethernet LAN							
(Per Initial port)	1500.00	2625.00	2546.25	2441.25	2362.50	2310.00	LVZAO
(Per Add'l port)	500.00	2625.00	2546.25	2441.25	2362.50	2310.00	LVZBO
10 Gbps Ethernet LAN							
(Per Initial port)	1500.00	5625.00	5437.50	5250.00	5062.50	4875.00	LVZAP
(Per Add'l port)	1500.00	5625.00	5437.50	5250.00	5062.50	4875.00	LVZBP

Note 1: Nonrecurring charge applies when VLAN is installed subsequent to a port installation.

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D. Scott Ringo, Assistant Secretary, Cincinnati Bell Extended Territories LLC

ACCESS SERVICE

17. Cincinnati Bell Ethernet Service
17.5 Rates and Charges

Electrical Port Type (Per Port)

		Nonrec		Monthly Rates			
Type of Service	Charge	Monthly	24 Mo.	36 Mo.	48 Mo.	60 Mo.	USOC
Protected Ports							
10 Mbps Ethernet LAN							
(Per Initial port)	1000.00	1125.00	1091.25	1046.25	1012.50	990.00	LVZC1
(Per Add'l port)	500.00	187.50	181.50	174.38	168.75	165.00	LVZC2
100 Mbps Ethernet LAN							
(Per Initial port)	1000.00	1875.00	1818.75	1743.75	1687.50	1650.00	LVZD1
(Per Add'l port)	500.00	562.50	545.63	523.13	506.25	495.00	LVZD2
200 Mbps Ethernet LAN							
(Per Initial port)	1100.00	2040.00	1980.00	1897.50	1837.50	1796.25	LVZC3
(Per Add'l port)	700.00	873.75	849.28	815.63	787.50	768.75	LVZD3
300 Mbps Ethernet LAN							
(Per Initial port)	1150.00	2205.00	2141.25	2051.25	1987.50	1942.50	LVZC4
(Per Add'l port)	800.00	1185.00	1153.13	1108.13	1068.75	1042.50	LVZD4
400 Mbps Ethernet LAN							
(Per Initial port)	1200.00	2370.00	2302.00	2205.00	2137.50	2088.75	LVZC5
(Per Add'l port)	900.00	1496.25	1456.88	1400.63	1350.00	1316.25	LVZD5
500 Mbps Ethernet LAN							
(Per Initial port)	1250.00	2535.00	2463.75	2358.75	2287.50	2235.00	LVZC6
(Per Add'l port)	1000.00	1807.50	1760.63	1693.13	1631.25	1590.00	LVZD6
600 Mbps Ethernet LAN							
(Per Initial port)	1300.00	2700.00	2625.00	2512.50	2437.50	2381.25	LVZC7
(Per Add'l port)	1100.00	2118.75	2064.38	1985.63	1912.50	1863.75	LVZD7
700 Mbps Ethernet LAN							
(Per Initial port)	1350.00	2865.00	2786.25	2666.25	2587.50	2527.50	LVZC8
(Per Add'l port)	1200.00	2430.00	2368.13	2278.13	2193.75	2137.50	LVZD8
800 Mbps Ethernet LAN							
(Per Initial port)	1400.00	3030.00	2947.50	2820.00	2737.50	2673.75	LVZC9
(Per Add'l port)	1300.00	2741.25	2671.88	2570.63	2475.00	2411.25	LVZD9
900 Mbps Ethernet LAN							
(Per Initial port)	1450.00	3195.00	3108.75	2973.75	2887.50	2820.00	LVZCA
(Per Add'l port)	1400.00	3052.50	2965.63	2863.13	2756.25	2685.00	LVZDA
1 Gbps Ethernet LAN							
(Per Initial port)	1500.00	3375.00	3273.75	3138.75	3037.50	2970.00	LVZE1
(Per Add'l port)	1500.00	3375.00	3273.75	3138.75	3037.50	2970.00	LVZE2
10 Gbps Ethernet LAN							
(Per Initial port)	1500.00	7312.50	7031.25	6750.00	6468.75	6187.50	LVZF1
(Per Add'l port)	1500.00	7312.50	7031.25	6750.00	6468.75	6187.50	LVZF2

Note 1: Nonrecurring charge applies when VLAN is installed subsequent to a port installation.

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ACCESS SERVICE

17. Cincinnati Bell Ethernet Service17.5 Rates and Charges(Cont.)

Optional Features

<u>Type of Service</u>	<u>Nonrec Charge</u>	<u>Rate</u>	<u>24 Mo.</u>	<u>Monthly</u>			<u>60 Mo.</u>	<u>USOC</u>
				<u>36 Mo.</u>	<u>48 Mo.</u>			
PVC/LAN Connection	100.00	40.00	40.00	40.00	40.00	40.00	40.00	LVZMX
ISP Connection	100.00	100.00	100.00	100.00	100.00	100.00	100.00	LVP
Diverse Central Office/VLAN	NA	500.00	500.00	500.00	500.00	500.00	500.00	DCOXX
Redundant LAN Equipment	NA	500.00	500.00	500.00	500.00	500.00	500.00	RPE11
Quality of Service								
- 1.544 Mbps	NA	50.00	48.25	46.50	45.25	44.00	44.00	QOST1
- 3 Mbps	NA	70.00	67.55	65.10	63.35	61.60	61.60	QOST3
- 4.5 Mbps	NA	85.00	82.00	79.05	76.90	74.80	74.80	QOST4
- 6 Mbps	NA	120.00	115.80	111.60	108.60	105.60	105.60	QOST6
- 10 Mbps	NA	90.00	86.85	83.70	81.45	79.20	79.20	4106V
- 100 Mpps	NA	180.00	174.60	167.40	162.90	158.40	158.40	4107V
- 200 Mpps	NA	200.00	193.60	185.40	179.90	174.40	174.40	QOS20
- 300 Mpps	NA	220.00	212.60	203.40	196.90	190.40	190.40	QOS30
- 400 Mpps	NA	240.00	231.60	221.40	213.90	206.40	206.40	QOS40
- 500 Mpps	NA	260.00	250.60	239.40	230.90	222.40	222.40	QOS50
- 600 Mpps	NA	280.00	269.60	257.40	247.90	238.40	238.40	QOS60
- 700 Mpps	NA	300.00	288.60	275.40	264.90	254.40	254.40	QOS70
- 800 Mpps	NA	320.00	307.60	293.40	281.90	270.40	270.40	QOS80
- 900 Mpps	NA	340.00	326.60	311.40	298.90	286.40	286.40	QOS90
- 1 Gbps	NA	350.00	339.50	325.50	316.75	308.00	308.00	4108V
- 10 Gbps	NA	750.00	715.00	700.00	675.00	650.00	650.00	QOS10

Note 1: Nonrecurring charge applies when PVC is installed subsequent to a port installation.

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Summary: Tariff Final tariff pages for Cincinnati Bell Extended Territories LLC to modify the Access Service Tariff PUCO No. 2 Section 7 - Special Access Services, Section 13 - Miscellaneous Services, Section 17, Ethernet Service and to add Section 10, Federal Government Specialized Service or Arrangements. electronically filed by Mr. Michael E Bishop on behalf of Cincinnati Bell Extended Territories