

ENHANCED DEDICATED SONET SERVICE

A. GENERAL

The Company's Enhanced Dedicated SONET Service (EDSS) is an optical high capacity service provided using SONET-based technology. EDSS is provided on SONET facilities except where a service is extended on an "off-net" facility.

EDSS provides the customer a dedicated high capacity customized network. The network is in a ring architecture or topology that assures greater survivability and can be arranged as a full ring, a partial ring or a ring-on-ring topology that provides connectivity to multiple customer locations.

A full ring must have a minimum of three nodes with at least one of the nodes being located in a Company Central Office (CO) and one being located at a customer premises. The fiber path is such that when traversing the ring, the starting node and the end node are the same.

A partial ring must have a minimum of two nodes with at least one of the nodes being located in a CO and one being located at a customer premises. The customer premises node can be substituted with a high-speed interface if the customer circuits that are provisioned on the partial ring are connected in a CO. The fiber path is such that when traversing the ring, the starting node and the end node are different.

A ring-on-ring arrangement is a full ring riding over a larger full ring. The lower speed ring must have a minimum of two nodes with at least one of the nodes being located at a customer premises.

EDSS is an alternative to basic High Capacity point-to-point service between multiple customer locations. Monthly rate elements include ports, nodes, mileage and high-speed interfaces (certain partial ring configurations only). Rates are specified in Section D. following.

ENHANCED DEDICATED SONET SERVICE

B. DEFINITIONS

Add/Drop Multiplexing, (ADM): a multiplexing function that allows lower level signals to be added or dropped from an optical carrier channel.

Node: an EDSS rate element and a designation of either a customer location or CO on a SONET ring that has ADM capability. It is also the address of where a channelized (lower speed) service originates or terminates on a ring.

High Speed Interface: an EDSS rate element on a partial ring service that allows high-speed connection of the Company's facilities to the facilities of the customer or of a third party. High-speed connection is provided at a location that is mutually agreed upon by the Company and the customer.

Optical Carrier Rate, (OC #): a SONET transmission signal/speed, line rate, or service. The rates are in multiples of an OC1, which is equivalent to a STS1 (51.84 Mbps), SONET's basic rate.

<u>OC (#) Rate</u>	<u>Bandwidth Capacity</u>
3	155.52 Mbps
12	622.08 Mbps
48	2.488 Gbps
192	9.952 Gbps

Optical Carrier Rate Concatenated, (OC#c): a "clear channel" SONET transmission using only one framing format. Generally, an OC3 signal provides three STS1s frame formats with 3 overheads for a total capacity of 2268 bytes per Synchronous Payload Envelope (SPE) frame; in an OC3c signal, one STS3c frame format is used with one overhead, increasing the total payload capacity to 2340 bytes per SPE frame.

ENHANCED DEDICATED SONET SERVICE

B. DEFINITIONS (Cont'd)

OC12+3, OC48+3, OC192+3, OC192+12, and OC192+48: designations for nodes in ring-on-ring designs; the higher speed ADM is part of the true ring, and the lower speed ADM is connected for the purpose of mapping lower speed services onto the STS1s of the OC12, OC48 or OC192.

EDSS Port (Port): an EDSS rate element that denotes the interface at which a channelized or lower speed service terminates or originates at an EDSS node.

SONET, (Synchronous Optical Network): an international standard for the transmission of high capacity bandwidth over optical facilities. This synchronous transmission platform utilizes a modular multiplexing approach. Because of the large bandwidth, some of the payload is used to monitor, protect, manage and improve the transmission of the signal.

Synchronous Transport Signal Level, (STS1): a 51.84 Mbps signal that is the electrical equivalent of the OC1 or a DS3 with additional Mbps devoted to SONET overhead information. An STS1 can carry a DS3 or 28 DS1s when specifically formatted (mapped). These DS1s may be accessed off-ring using the product guide rates for DS3 to DS1 multiplexing optional service or via a DS3 Transmux port.

Transmuxing: the function of an EDSS DS3 Transmux port that performs a DS3 to DS1 conversion at an EDSS Node. The DS3 to DS1 conversion allows a single EDSS DS3 Transmux port to be associated with up to twenty-eight (28) VT1.5 mapped EDSS DS1 ports. Transmuxing within the EDSS network retains DS1 visibility allowing for, proactive maintenance capability of DS1 signals.

Virtual Tributary, (VT): a SONET structure designed for transport of sub-STS1 payloads. A DS1 is mapped into the SONET format using a VT1.5 as a packaging mechanism that is internal to the SONET signal.

ENHANCED DEDICATED SONET SERVICE

C. TERMS AND CONDITIONS

1. All Rings

When a customer premises node is located in the same building as a CO node, there may be less diversity between the two nodes.

When a customer transmits STS1, Internet Protocol or Ethernet signals, the mapping feature must be designated.

Ethernet services are provided on a point-to-point basis between two suitably equipped EDSS nodes.

Extended Superframe Format (ESF) is required on all DS1 circuits.

Generally, a transmission of 20 or more miles or a transmission through 6 or more COs will be subject to loss of signal integrity. Additional nodes may be added to maintain signal integrity.

The customer specifies the ring capacity in terms of optical carrier rates. EDSS is available in capacities of OC3, OC12, OC48 and OC192. Lower speed services are provided between nodes via ports.

EDSS is deployed upon customer request, and is available based on negotiated intervals. Where suitable SONET facilities are not available, Special Construction rates and charges may apply.

The customer must provide, at no cost to the Company, suitable and secure space, suitable environmental conditions, and uninterrupted power supply, building entrance facilities, and conduit for placement of the facilities and network equipment at its locations as necessary to provide the service.

One or more lower speed node(s) may subtend a higher speed node (e.g., an OC12 node may subtend an OC192 node). Rates and charges apply for both the higher speed node and for each subtending lower speed node provided. Additionally, the applicable port charge will apply to drop the lower speed channel

ENHANCED DEDICATED SONET SERVICE

C. TERMS AND CONDITIONS (Cont'd)

2. Partial Ring

When EDSS is provided in a partial ring configuration, the following applies:

The customer must provide the Company with its fiber optic facility requirements (i.e., whether it will use single mode fiber or multi-mode fiber) prior to the Company ordering the necessary SONET network equipment to provide the requested service. The customer may utilize its own fiber optic facilities or the facilities of a third party.

When ordering lower speed channels that originate at and terminate to nodes that are not within the partial ring provided by the Company, the customer must provide the Company with a copy of the order. This order provides the Company with authority to perform the necessary mapping of the channel through the partial ring to ensure continuity of the signal over the jointly provided ring. A Channel Mapping nonrecurring charge will apply for each channel mapped through the Company provided partial ring. The Channel Mapping charge applies to each lower capacity service that originates at and terminates to devices that are not within the partial ring provided by the Company. The Channel Mapping charge is billed to the lower capacity service. Channel mapping charges do not apply when ordering channels that originate at and terminate to nodes on the Company's portion of the partial ring.

Connection to Partial Ring Service:

The Company's network design will define the optical parameters at the connection locations. The Company is responsible for the optical parameters of the high-speed optical signal at the location where its facilities are connected to the facilities of the customer or of the third party. The Company bears no responsibility for the optical parameters beyond its location (i.e., in the facilities of the customer or of the third party). The customer or third party is responsible for engineering its portion of the jointly provided ring.

Connection to EDSS partial ring service is limited to high-speed fiber connection of the Company backbone network fiber optic facilities and the fiber optic facilities of the customer or of a third party. Partial ring service may only be connected to (1) another partial ring provided by the Company or (2) suitable ring facilities provided by the customer or third party. The portion of the ring provided by the customer or third party must use vendor equipment that matches the equipment used by the Company and must maintain the same vintage in software release as the Company. Upon written notice by the Company, the customer or third party will have sixty (60) days in which to complete the change-out of any software release deployed by the Company.

Connection to EDSS partial ring services may occur at the customer premises at which location the connection will occur via a node or at a mutually agreed upon location where connection occurs via a high-speed interface. Connection to other Company services may not occur at the mutually agreed upon high-speed interface. Such location will be designated as a customer premises for the purpose of administering the general terms and conditions set forth in this product guide.

ENHANCED DEDICATED SONET SERVICE

C. TERMS AND CONDITIONS (Cont'd)

3. Ring-on-Ring

When EDSS is provided in a ring-on-ring design, the following applies:

The lower speed ring must have a minimum of two nodes located at the customer premises or one node at the customer premises and one node at the CO.

The Company must provide the lower speed nodes.

Each lower speed node must subtend off of its corresponding higher speed node.

4. Ports

The type of ports that are supported on a node may limit the maximum number of ports that are provided on that node. Accepted port speeds are as follows:

Enhanced Nodes =	OC3	OC12	OC48	OC192
DS1 Ports	X	X	X	X
DS3 Ports	X	X	X	X
DS3 Transmux Ports	X	X	X	X
STS1 Ports	X	X	X	X
OC3 Ports		X	X	X
OC3c Ports		X	X	X
OC12 Ports			X	X
OC12c Ports			X	X
OC48 Ports				X
OC48c Ports				X
Ethernet Ports				
GigE-1 Ports		X	X	X
GigE-3 Ports		X	X	X
GigE-6 Ports		X	X	X
GigE-9 Ports		X	X	X
GigE-12 Ports			X	X
GigE-24 Ports			X	X

ENHANCED DEDICATED SONET SERVICE

C. TERMS AND CONDITIONS (Cont'd)

4. Ports (Cont'd)

Changes in month-to-month ports are treated as disconnects and subsequent installations.

When High Capacity services are provided between two EDSS rings, the associated ports must be symmetrical. (e.g., DS1 Port to DS1 Port, DS3 Port to DS3 Port)

When a lower capacity service is dropped from an EDSS, the associated ports will be billed to the lower capacity service. Lower capacity services may not be dropped at locations utilizing a high-speed interface.

Ports may be ordered in a symmetrical arrangement (e.g., DS3 Port to DS3 Port), an asymmetrical arrangement (e.g., OC12 Port to DS3 Port) or in certain transmuxing arrangements as specified following. Ethernet ports may only be ordered in symmetrical arrangements. Ports are not provided at locations where a high-speed interface is utilized.

When transmuxing arrangements are ordered in symmetrical or asymmetrical port combinations, the following conditions apply:

- A DS1 port associated with a DS3 Transmux port may not coexist as a separate DS1 port with the same EDSS node.
- An end-to-end DS1 service provided over EDSS may not be associated with more than one DS3 Transmux port.
- DS3 Transmux ports are available at premises nodes or at CO nodes.
- The higher speed port of an asymmetrical port combination will be mapped based on the speed of the connecting service and port.

For all other asymmetrical port combinations, the following conditions apply:

- The higher speed port will be mapped based on the speed of the connecting service and port. The higher speed port is referred to as a Stub Hub Port in the arrangement.
- The Stub Hub Port is only available at a premises node.
- Stub Hub Ports are not provided on partial ring configurations.
- The lower speed port(s) can be provided at customer premises and CO nodes.

ENHANCED DEDICATED SONET SERVICE

C. TERMS AND CONDITIONS (Cont'd)

4. Ports (Cont'd)

- Asymmetrical ports are available in the following combinations:

<u>Node Speeds</u>		<u>Port Combinations</u>	
OC3 EDSS Ring	OC3 - OC3	STS1 - DS3	
OC12 EDSS Ring	OC12 - OC12	STS1 - DS3	
		OC3 - DS3	OC3 - STS1
		OC3 - DS1	
		DS3 - DS1	
OC48 EDSS Ring	OC48 - OC48	DS3 - DS1	
		OC3 - DS3	OC3 - STS1
		OC12 - DS3	OC12 - STS1
		OC12 - OC3	OC12 - OC3c
OC192 EDSS Ring	OC192 - OC192	DS3 - DS1	
		STS1 - DS3	
		OC3 - DS3	OC3 - STS1
		OC12 - DS3	OC12 - STS1
		OC12 - OC3	OC12 - OC3c
		OC48 - DS3	OC48 - STS1
		OC48 - OC3	OC48 - OC3c
	OC48 - OC12 OC48 - OC12c		

ENHANCED DEDICATED SONET SERVICE

C. TERMS AND CONDITIONS (Cont'd)

5. Interfaces

EDSS is only available for the following interface combinations:

- DS1 - DS1
- DS1 - STS1
- DS3 - DS3
- DS3 - DS1
- STS1 - STS1
- OC3 - STS1
- OC3 - OC3
- OC3 w/DS3 mapping - DS3
- OC3 w/DS1 mapping - DS1
- STS1 w/DS3 mapping - DS3
- STS1 w/DS1 mapping - DS1
- OC3c - OC3c
- OC12 - STS1, DS3, OC3, OC3c & OC12
- OC12c - OC12c
- OC48 - STS1, DS3, OC3, OC3c, OC12, OC12c & OC48
- OC48c - OC48c
- Gigabit Ethernet
 - GigE1 - GigE1 (mapped as 1 STS1 channel)
 - GigE3 - GigE3 (mapped as 3 STS1 channels or 1 STS3c channel)
 - GigE6 - GigE6 (mapped as 6 STS1 channels or 1 STS6c channel)
 - GigE9 - GigE9 (mapped as 9 STS1 channels or 1 STS9c channel)
 - GigE12 - GigE12 (mapped as 12 STS1 channels or 1 STS12c channel)
 - GigE24 - GigE24 (mapped as 24 STS1 channels or 1 STS24c channel)

6. Mileage

EDSS Mileage on a full ring is the total of airline distances between nodes rounded up to the nearest mile.

EDSS Mileage on a partial ring is the total of airline distances between connection locations and each node on the partial ring. The total mileage is then rounded up to the nearest mile.

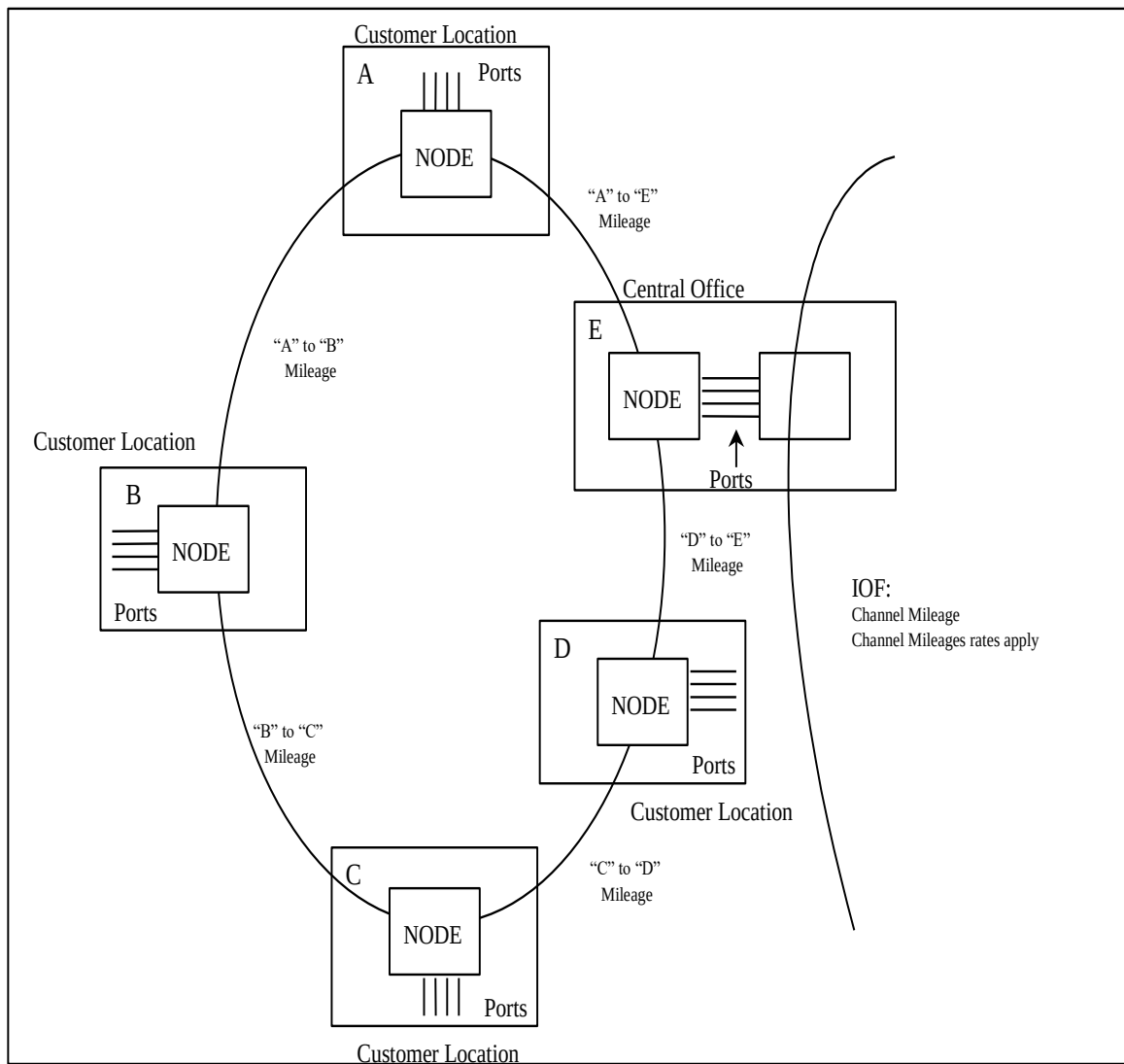
The mileage rate is based on total ring capacity and not on individual services between nodes. For example, the mileage charge for a four-node OC3 ring with 5.1 miles between each node (20.4 total miles) would be calculated by multiplying the OC3 mileage rate by 21 miles. This mileage calculation applies regardless of the number of services (e.g., DS3s) on the ring.

ENHANCED DEDICATED SONET SERVICE

C. TERMS AND CONDITIONS (Cont'd)

6. Mileage (Cont'd)

An example of a full Enhanced Dedicated SONET ring is diagrammed below:

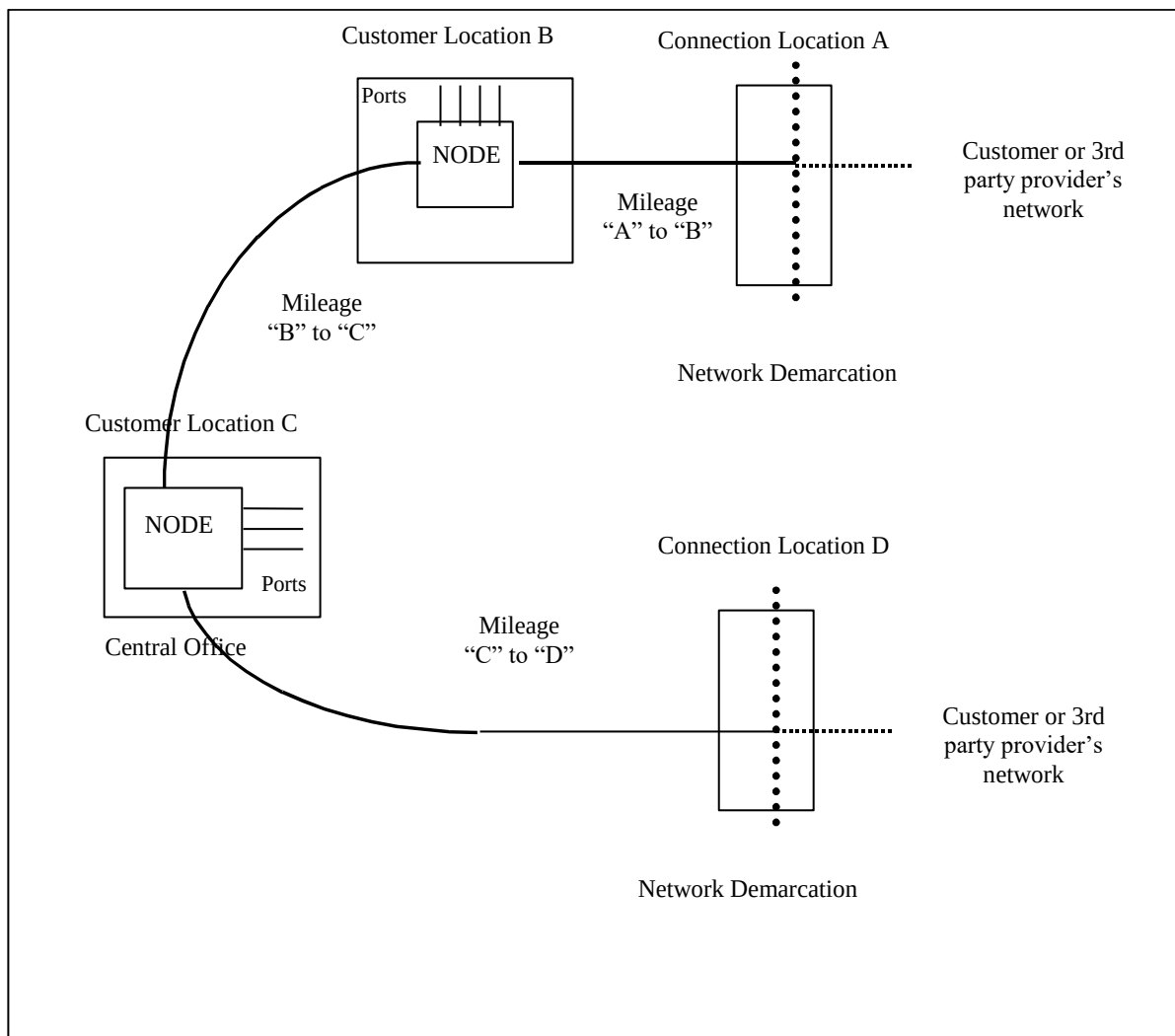


ENHANCED DEDICATED SONET SERVICE

C. TERMS AND CONDITIONS (Cont'd)

6. Mileage (Cont'd)

An example of a partial Enhanced Dedicated SONET ring is diagrammed below:



ENHANCED DEDICATED SONET SERVICE

C. TERMS AND CONDITIONS (Cont'd)

7. Commitment Period

EDSS is available for 3, 5 and 7-year commitment periods, for ports, nodes, mileage and high-speed interfaces. Ports are also available on a month-to-month basis. Ports and nodes added subsequent to the initial installation may be coterminous to the expiration date of the EDSS provided the addition is prior to the 21st month for a 3-year plan, prior to the 36th month for a 5-year plan, or prior to the 50th month for a 7-year plan. Ports and nodes added after the aforementioned periods require extending the commitment period for an additional one-year for a 3-year plan, an additional 2 years for a 5-year plan, or an additional 3 years for a 7-year plan. Ports in a month-to-month plan may be added at any time. The added nodes must be at the same or lower speed as the existing nodes.

Monthly recurring rates apply for the ports, nodes, mileage and high-speed interfaces. Once a term period expires, the prevailing rates of the current plan will continue until the customer cancels service or requests a new term plan.

Nonrecurring charges for ports apply on a first and additional basis. To qualify as first and additional, the ports must be like-ports (e.g., 2 DS1 Ports) installed at the same node at the same time.

Nonrecurring charges apply to the initial installation of ports purchased on a month-to-month basis, and to subsequent installations of all ports and nodes.

ENHANCED DEDICATED SONET SERVICE

C. TERMS AND CONDITIONS (Cont'd)

8. Termination Liability

Termination liability applies to EDSS service, and is charged per rate element on all ports, nodes, mileage and high-speed interfaces, except month-to-month ports for which the one-month minimum service charge applies.

Termination liability will apply when the customer cancels service prior to expiration of the selected term, unless the exception conditions described below are met. If the cancellation occurs within the first two years of the term, termination liability is equal to 100 percent of the monthly charges for the unexpired portion of the first two years of the term, and 25 percent of the monthly charges for the remainder of the term. If the customer cancels after the first two years of service, then termination liability is equal to 25 percent of the monthly charges for the remainder of the term.

EDSS service may be canceled without termination liability when cancellation of the service occurs within thirty (30) days of the effective date of a Company initiated rate increase of eight percent (8%) or more on any rate applicable to EDSS service.

Termination liability will not apply if a customer changes to a longer-term commitment period, and the number of services or ports included in the new commitment period remains the same or increases.

Termination liability will not apply to a customer upgrade (change to a higher capacity) of an EDSS node or port, if all of the following conditions are met:

- a. A new commitment period commences with the upgrade.
- b. The new expiration date must extend beyond the discontinued plan date.
- c. The new EDSS service is provided at the same customer and/or Company location(s) as the discontinued service plan.
- d. Additional nodes and ports added at the time of the upgrade incur all applicable rates and charges.

ENHANCED DEDICATED SONET SERVICE

C. TERMS AND CONDITIONS (Cont'd)

8. Termination Liability (Cont'd)

A customer can move a node from one location to another location without incurring termination liability providing that all of the following conditions are met:

- a. A new commitment period commences with the move.
- b. The new expiration date must extend beyond the discontinued plan date.
- c. The customer accepts a temporary interruption of the existing service in order to establish the new service.
- d. The new service is ordered at the same time as the service being disconnected.

For EDSS with a commitment period which was extended under 10. following, termination liability is calculated as the difference between the monthly rates for the highest commitment period that could have been satisfied prior to disconnection of the service or cancellation of the plan and the monthly rates for the extended commitment period for the period of time the service was in effect.

9. Conversions

Customers who wish to move or convert existing High Capacity services to an EDSS may do so without conversion charges (termination liability and installation charges) as long as the total capacity of services purchased by the customer does not decrease.

10. Extension of a Commitment Period

For EDSS the customer also has the option, within sixty (60) days prior to the expiration date for its commitment period, to extend its expiring term plan to a plan with a longer commitment period. The commitment period selected for the extended plan must be longer than the commitment period of the expiring plan as follows:

- An expiring 3-Year Term may be extended to either a 5-Year or 7-Year Term Plan.
- An expiring 5-Year Term may be extended to a 7-Year Term Plan.

Time-in-service credit on the expiring plan will be granted and applied towards the new extended plan. For example, an expiring 3-Year term plan will allow for 3 years of time-in-service credit towards a 5-Year or 7-Year extended plan.

ENHANCED DEDICATED SONET SERVICE

C. TERMS AND CONDITIONS (Cont'd)

10. Extension of a Commitment Period (Cont'd)

The discount percentage associated with the extended plan will apply effective with the first bill date following expiration of the commitment period for the existing plan and will continue through the remainder of the commitment period associated with the extended plan. No adjustment for the increased discount percentage associated with the extended plan will be made to the monthly rates already billed on the expiring plan.

11. When a Credit Allowance Applies

EDSS is guaranteed service restoral within one minute in the event of a service interruption except as specified in 12 following. Any service interruption greater than one minute due solely to a Company facility failure will result in a credit allowance of 100% of the monthly rate for the applicable rate elements of the affected service, provided that the interruption is brought to the attention of the Company within 10 days. The total credit allowance in any one billing period cannot exceed 100% of the customer's monthly rate for the affected rate elements, regardless of the number or length of service interruptions within a billing month.

12. When a Credit Allowance Does Not Apply

No credit allowance will be made for:

- a. Service interruptions of less than one minute.
- b. Service interruptions caused by the negligence of the customer or authorized user.
- c. Service interruptions resulting from the failure of equipment or systems provided by the customer or authorized user.
- d. Service interruptions during any period in which the Company is not afforded access to a premises for testing and/or repair of service.
- e. Service interruptions when the customer has released the service to the Company for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in the service during the time that was negotiated with the customer prior to the release of that service.
- f. Service interruptions which continue due to the failure of the customer to authorize replacement of any element of special construction. The period during which no credit allowance will be made begins on the seventh day after the customer receives the Company's notification of the need for replacement and ends on the day after the Company receives the customer's authorization for replacement.
- g. Service interruptions during periods when the customer elects not to release the service for testing and/or repair.
- h. Service interruptions during periods when the customer or user has released the service for rearrangement purposes or for the implementation of a customer order.

ENHANCED DEDICATED SONET SERVICE

D. RATES

Rate Element	Month-to-Month	3-Year	5-Year	7-Year
1. EDSS Node				
OC3 - Monthly	N/A	2,228.00	1,290.00	1,186.00
OC12 - Monthly	N/A	4,860.00	2,700.00	2,430.00
OC48 - Monthly	N/A	10,658.00	4,604.00	4,143.00
OC192 - Monthly	N/A	16,560.00	9,200.00	8,280.00
Subsequent installations per Node - NRC	N/A	1,599.00	1,599.00	1,599.00
2. EDSS Mileage, by Node Type				
OC3 - Per Mile - Monthly	N/A	352.00	235.00	223.00
OC12 - Per Mile - Monthly	N/A	400.00	310.00	300.00
OC48 - Per Mile - Monthly	N/A	625.00	450.00	400.00
OC192 - Per Mile - Monthly	N/A	1,215.00	900.00	850.00
3. EDSS Port				
DS1 at OC3 Node - Monthly	28.00	28.00	28.00	28.00
DS1 at OC12 Node - Monthly	28.00	28.00	28.00	28.00
DS1 at OC48 Node - Monthly	28.00	28.00	28.00	28.00
DS1 at OC192 Node - Monthly	28.00	28.00	28.00	28.00
DS3 or STS1 at OC3 Node - Monthly	115.00	115.00	115.00	115.00
DS3 or STS1 at OC12 Node - Monthly	115.00	115.00	115.00	115.00
DS3 or STS1 at OC48 Node - Monthly	115.00	115.00	115.00	115.00
DS3 or STS1 at OC192 Node - Monthly	115.00	115.00	115.00	115.00
DS3 Transmux at OC12 Node - Monthly	400.00	400.00	400.00	400.00
DS3 Transmux at OC48 Node - Monthly	400.00	400.00	400.00	400.00
DS3 Transmux at OC192 Node - Monthly	400.00	400.00	400.00	400.00

ENHANCED DEDICATED SONET SERVICE

D. RATES

Rate Element	Month-to-Month	3-Year	5-Year	7-Year
3. EDSS Port (Cont'd)				
OC3c at OC12 Node - Monthly	250.00	250.00	250.00	250.00
OC3c at OC48 Node - Monthly	250.00	250.00	250.00	250.00
OC3c at OC192 Node - Monthly	250.00	250.00	250.00	250.00
OC3 at OC12 Node - Monthly	250.00	250.00	250.00	250.00
OC3 at OC48 Node - Monthly	250.00	250.00	250.00	250.00
OC3 at OC192 Node - Monthly	250.00	250.00	250.00	250.00
OC12c at OC48 Node - Monthly	500.00	500.00	500.00	500.00
OC12c at OC192 Node - Monthly	500.00	500.00	500.00	500.00
OC12 at OC48 Node - Monthly	500.00	500.00	500.00	500.00
OC12 at OC192 Node - Monthly	500.00	500.00	500.00	500.00
OC48c at OC192 Node - Monthly	1,200.00	1,200.00	1,200.00	1,200.00
OC48 at OC192 Node - Monthly	1,200.00	1,200.00	1,200.00	1,200.00
GigE1 at OC12 Node - Monthly	230.00	230.00	230.00	230.00
GigE1 at OC48 Node - Monthly	230.00	230.00	230.00	230.00
GigE1 at OC192 Node -				

ENHANCED DEDICATED SONET SERVICE

D. RATES (Cont'd)

Rate Element	Month-to-Month	3-Year	5-Year	7-Year
3. EDSS Port (Cont'd)				
GigE3 at OC12 Node - Monthly	345.00	345.00	345.00	345.00
GigE3 at OC48 Node - Monthly	345.00	345.00	345.00	345.00
GigE3 at OC192 Node - Monthly	345.00	345.00	345.00	345.00
GigE6 at OC12 Node - Monthly	455.00	455.00	455.00	455.00
GigE6 at OC48 Node - Monthly	455.00	455.00	455.00	455.00
GigE6 at OC192 Node - Monthly	455.00	455.00	455.00	455.00
GigE9 at OC12 Node - Monthly	535.00	535.00	535.00	535.00
GigE9 at OC48 Node - Monthly	535.00	535.00	535.00	535.00
GigE9 at OC192 Node - Monthly	535.00	535.00	535.00	535.00
GigE12 at OC48 Node - Monthly	645.00	645.00	645.00	645.00
GigE12 at OC192 Node - Monthly	645.00	645.00	645.00	645.00
GigE24 at OC48 Node - Monthly	880.00	880.00	880.00	880.00
GigE24 at OC192 Node - Monthly	880.00	880.00	880.00	880.00

4. EDSS Partial Ring - High Speed Interface

OC12 - Per Interface - Monthly	N/A	4,860.00	2,700.00	2,430.00
OC48 - Per Interface - Monthly	N/A	10,658.00	4,604.00	4,143.00
OC192 - Per Interface - Monthly	N/A	16,460.00	9,200.00	8,280.00

ENHANCED DEDICATED SONET SERVICE

D. RATES

Rate Element	Month-to-Month	3-Year	5-Year	7-Year
4. EDSS Partial Ring Channel Mapping				
DS1 Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
DS3 or STS1 Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
OC3 Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
OC3c Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
OC12 Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
OC12c Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
OC48 Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
OC48c Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
GigE1 Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
GigE3 Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
GigE6 Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
GigE9 Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
GigE12 Channel - Per Channel - NRC	N/A	150.00	150.00	150.00
GigE24 Channel - Per Channel - NRC	N/A	150.00	150.00	150.00

ENHANCED DEDICATED SONET SERVICE

D. RATES

Rate Element	Month-to-Month	3-Year	5-Year	7-Year
5. EDSS Port - Non- Recurring Charges				
DS1 at OC3 Node - First - NRC	525.00	N/A	1.00	1.00
DS1 at OC3 Node - Additional - NRC	210.00	N/A	.75	.75
DS1 at OC12 Node - First -NRC	525.00	N/A	1.00	1.00
DS1 at OC12 Node - Additional -NRC	210.00	N/A	.75	.75
DS1 at OC48 Node - First - NRC	525.00	N/A	1.00	1.00
DS1 at OC48 Node - Additional - NRC	210.00	N/A	.75	.75
DS1 at OC192 Node - First - NRC	525.00	N/A	1.00	1.00
DS1 at OC192 Node - Additional - NRC	210.00	N/A	.75	.75
DS3 or STS1 at OC3 Node - First - NRC	805.00	N/A	1.00	1.00
DS3 or STS1 at OC3 Node - Additional - NRC	343.00	N/A	.75	.75
DS3 or STS1 at OC12 Node - First - NRC	805.00	N/A	1.00	1.00
DS3 or STS1 at OC12 Node - Additional - NRC	343.00	N/A	.75	.75
DS3 or STS1 at OC48 Node - First - NRC	805.00	N/A	1.00	1.00
DS3 or STS1 at OC48 Node - Additional - NRC	343.00	N/A	.75	.75

ENHANCED DEDICATED SONET SERVICE

D. RATES

Rate Element	Initial Installations		Subsequent Installations	
	Month-to-Month	Term Plans	Month-to-Month	Term Plans
5. EDSS Port - Non- Recurring Charges (Cont'd)				
OC3 at OC12 Node - First - NRC		805.00	N/A	1.00 1.00
OC3 at OC12 Node - Additional - NRC		343.00	N/A	.75 .75
OC3 at OC48 Node - First- NRC		805.00	N/A	1.00 1.00
OC3 at OC48 Node - Additional - NRC		343.00	N/A	.75 .75
OC3 at OC192 Node - First - NRC		805.00	N/A	1.00 1.00
OC3 at OC192 Node - Additional - NRC		343.00	N/A	.75 .75
OC12c at OC48 Node - First - NRC		767.00	N/A	1.00 1.00
OC12c at OC48 Node - Additional - NRC		327.00	N/A	.75 .75
OC12c at OC192 Node - First - NRC		767.00	N/A	1.00 1.00
OC12c at OC192 Node - Additional - NRC		327.00	N/A	.75 .75
OC12 at OC48 Node - First - NRC		767.00	N/A	1.00 1.00
OC12 at OC48 Node - Additional- NRC		327.00	N/A	.75 .75
OC12 at OC192 Node - First - NRC		767.00	N/A	1.00 1.00
OC12 at OC192 Node - Additional - NRC		327.00	N/A	.75 .75

ENHANCED DEDICATED SONET SERVICE

D. RATES

		Initial Subsequent Month-to Month	Term Plans	Installations Installations Month-to-Month		Term Plans
Rate Element		Rates				
5.	EDSS Port - Non- Recurring Charges (Cont'd)					
	DS3 or STS1 at OC192 Node - First - NRC		805.00	N/A	1.00	1.00
	DS3 or STS1 at OC192 Node - Additional - NRC		343.00	N/A	.75	.75
	DS3 Transmux at OC12 Node - First - NRC		805.00	N/A	1.00	1.00
	DS3 Transmux at OC12 Node - Additional - NRC		343.00	N/A	.75	.75
	DS3 Transmux at OC48 Node - First - NRC		805.00	N/A	1.00	1.00
	DS3 Transmux at OC48 Node - Additional - NRC		343.00	N/A	.75	.75
	DS3 Transmux at OC192 Node - First - NRC		805.00	N/A	1.00	1.00
	DS3 Transmux at OC192 Node - Additional - NRC		343.00	N/A	.75	.75
	OC3c at OC12 Node - First - NRC		805.00	N/A	1.00	1.00
	OC3c at OC12 Node - Additional - NRC		343.00	N/A	.75	.75
	OC3c at OC48 Node - First - NRC		805.00	N/A	1.00	1.00
	OC3c at OC48 Node - Additional - NRC		343.00	N/A	.75	.75
	OC3c at OC192 Node - First - NRC		805.00	N/A	1.00	1.00
	OC3c at OC192 Node - Additional - NRC		343.00	N/A	.75	.75

ENHANCED DEDICATED SONET SERVICE

D. RATES

	Initial Subsequent Month-to Month Term Plans		Installations Installations Month-to-Month Term Plans	
Rate Element	Rates			
5. EDSS Port - Non- Recurring Charges (Cont'd)				
OC48c at OC192 Node -				
First - NRC	767.00	N/A	1.00	1.00
OC48c at OC192 Node -				
Additional - NRC	327.00	N/A	.75	.75
OC48 at OC192 Node -				
First - NRC	767.00	N/A	1.00	1.00
OC48 at OC192 Node -				
Additional - NRC	327.00	N/A	.75	.75
GigE1 at OC12 Node -				
First - NRC	767.00	N/A	1.00	1.00
GigE1 at OC12 Node -				
Additional - NRC	327.00	N/A	.75	.75
GigE1 at OC48 Node -				
First - NRC	767.00	N/A	1.00	1.00
GigE1 at OC48 Node -				
Additional - NRC	327.00	N/A	.75	.75
GigE1 at OC192 Node -				
First - NRC	767.00	N/A	1.00	1.00
GigE1 at OC192 Node -				
Additional - NRC	327.00	N/A	.75	.75
GigE3 at OC12 Node -				
First - NRC	767.00	N/A	1.00	1.00
GigE3 at OC12 Node -				
Additional - NRC	327.00	N/A	.75	.75
GigE3 at OC48 Node -				
First - NRC	767.00	N/A	1.00	1.00
GigE3 at OC48 Node -				
Additional - NRC	327.00	N/A	.75	.75
GigE3 at OC192 Node -				
First - NRC	767.00	N/A	1.00	1.00
GigE3 at OC192 Node -				
Additional - NRC	327.00	N/A	.75	.75

ENHANCED DEDICATED SONET SERVICE

D. RATES

Initial Subsequent Month-to Month Term Plans			Installations Installations Month-to-Month Term Plans	
Rate Element			Rates	
5. EDSS Port - Non- Recurring Charges (Cont'd)				
GigE12 at OC48 Node - First - NRC	767.00	N/A	1.00	1.00
GigE12 at OC48 Node - Additional - NRC	327.00	N/A	.75	.75
GigE12 at OC192 Node - First - NRC	767.00	N/A	1.00	1.00
GigE12 at OC192 Node - Additional - NRC	327.00	N/A	.75	.75
GigE24 at OC48 Node - First - NRC	767.00	N/A	1.00	1.00
GigE24 at OC48 Node - Additional - NRC	327.00	N/A	.75	.75
GigE24 at OC192 Node - First - NRC	767.00	N/A	1.00	1.00
GigE24 at OC192 Node - Additional - NRC	327.00	N/A	.75	.75