ENTERPRISE SERVICES (REGION 11)

A. AVAILABILITY OF SERVICE

Enterprise Services (**NES**) are available where facilities exist in the operating territory of Verizon New York Inc.

Effective July 16, 2019, orders for new NES are no longer permitted. The Company will continue to provide NES pursuant to Part E, Section 5 on any existing NES that was in-service as of July 16, 2019, or any order for NES that was placed with the Company prior to July 16, 2019 (collectively, Existing NES), subject to the following conditions:

a. For any Existing NES that is being provided under a Service Discount Plan, the Company will continue to provide the Existing NES until the earlier of (1) the Customer replaces it with another Company-provided service, (2) the Customer discontinues Service, or (3) the Company discontinues Service on or after March 31, 2020. No termination liability applies should the Company or the Customer discontinue Service prior to the expiration of a commitment period. Upon expiration of a commitment period, the Company will convert the Customer to Service provided on a non-discounted month-to-month basis, subject to paragraph b) following.
b. For any Existing NES that is being provided on a non-discounted month-to-month basis, the Company will continue to provide the Existing NES until the earlier of (1) the Customer replaces the Existing NES with another Company provided Service, (2) the Customer discontinues Service, or (3) the Company discontinues Service on or after March 31, 2020.
c. Moves, additions and/or changes to Existing NES are not permitted.

B. DEFINITIONS

Grooming
The term "Grooming" denotes a function which connects up to 24 NES DSO channels to a single NES DS1 channel or a single 1.544 Mbps High Capacity Service at a NES Hub; or up to 28 channels (i.e., NES DS1, 1.544 Mbps or a combination of NES DS1 and 1.544 Mbps) to or from a single NES DS3 channel at a NES Hub.

NES Extension Hub
The term "NES Extension Hub" denotes a serving wire center suitably equipped with integrated interoffice fiber facilities capable of connecting Enterprise Services to Voice Grade, DIGIPATH digital service II (DDS II) or High Capacity Services.

NES Hub
The term "NES Hub" denotes a wire center in which Enterprise Services grooming or NES functions are performed.

ENTERPRISE SERVICES (REGION 11)

C. GENERAL

Enterprise Services are digital channels operating at transmission speeds between 2.4 kbps and 44.736 Mbps with inherent grooming capability. The individual channel types are set forth in Section E following.

When NES is ordered without Customer specified grooming or bridging functions or Enterprise Network Reconfiguration Service (**NRS)** functions, the Company will design NES through one or more Company Hub(s) where NES functions are performed. These service configurations include:

- Service provided between Customer designated premises for which the Customer does not specify grooming, bridging or NRS functions; or
- Service provided between a Customer-designated premises and a wire center where connection to Company provided frame relay services and ATM-cell relay services occurs for which the Customer does not specify grooming functions; or
- service provided between a Customer designated premises and an Expanded Interconnection Multiplexing Node or virtual collocation arrangement (NES DS1 and NES DS3 only) for which the Customer does not specify grooming functions.

When NES is ordered with Customer specified grooming or bridging functions or Enterprise NRS functions, the Company will design NES to the Hub specified by the Customer. These Service configurations includes:

- Service provided between Customer designated premises through the Company Hub specified by the Customer; or
- Service provided between Company Hubs where grooming, bridging or NRS functions are performed; or
- Service provided between a Customer-designated premises and a wire center where connection to Company provided frame relay services and ATM-cell relay services occurs through the Company grooming Hub specified by the Customer; or
- Service provided between a Customer designated premises and an Expanded Interconnection Multiplexing Node or virtual collocation arrangement (DS1 and DS3 only) through the Company grooming Hub specified by the Customer.

When NES is ordered to an IDSR or DSR CO Node equipped with Add/Drop Multiplexing capability or IntelliLight® Entrance Facility **(IEF)** service with a DS3 interface, the Company will design Enterprise Service to the IDSR or DSR CO Node specified by the Customer or IEF equipped wire center, as applicable.

ENTERPRISE SERVICES (REGION 11)

C GENERAL (Cont'd)

The following functions are performed at Company Hubs through which NES is configured.

1. Grooming Functions

Basic grooming functions are performed at designated Company Hubs and provide for lower capacity Services to ride channels of a higher capacity Service. Up to twenty-four lower capacity Services may be groomed on to a single NES DS1. The NES DS1 grooming arrangement may include any combination of lower capacity NES DSO and/or NES Voice Services, provided that the combined bit rate of the derived Services does not exceed the available bit rate of the NES DS1 facility. The Company will work cooperatively with the Customer in determining the possible combinations for the NES DS1 grooming arrangement. At the Customer's option, an NES DS1 facility may also be groomed on to an NES DS3 facility.

When more than one stage of grooming is requested (e.g., cascade grooming or ThruPath connections), the grooming functions may be performed in the same or different Hub.

A maximum of twenty-eight NES DS1 Services or 1.544 Mbps High Capacity Services, or a combination of NES DS1 and 1.544 Mbps High Capacity Services, may be groomed on to a single NES DS3.

2. Enterprise NRS Functions

Enterprise NRS functions are described in as set forth in Part G, Section 2.

D. CONNECTION OF VOICE GRADE SERVICE, DIGIPATH DIGITAL SERVICE II AND HIGH CAPACITY SERVICES

Where suitable NES facilities are unavailable to the Customer premises, Service may be configured as follows.

1. The Customer may order DIGIPATH digital service II (**DDSII**) or Voice Grade Special Access Service in conjunction with an NES DS0 channel or may groom the Voice Grade or DDSII Service on to an NES DS1 channel. The serving wire center associated with the Customer designated premises of the DDSII or Voice Grade Service will be designated as an NES Extension Hub for the purpose of applying the rates and charges for the Service provided. The application of rates and charges involving Service provided through an NES Extension Hub are set forth in Section I following.

If facilities which are suitable to provide NES DS0 to the Customer designated premises become available, the Company will work cooperatively with the Customer in determining if conversion to such facilities should occur.

When Enterprise Service is provided in conjunction with Voice Grade or DDS II, and that Service is also to be provided with Enterprise NRS as set forth in Part G, Section 2, no more than fifty percent (50%) of the total Services connected to NRS Network Access Ports at a single NRS Hub may be Voice Grade Service, DDS II or High Capacity Service provided in conjunction with NES.

ENTERPRISE SERVICES (REGION 11)

D. CONNECTION OF VOICE GRADE SERVICE, DIGIPATH DIGITAL SERVICE II AND HIGH CAPACITY SERVICES (CONT'D)

2. The Customer may order High Capacity 1.544 Mbps or 44.736 Mbps Service in conjunction with NES DS1 or NES DS3. For 1.544 Mbps High Capacity Service, the Customer may also include that Service in a grooming arrangement with NES DS3. The serving wire center associated with the Customer designated premises of the High Capacity Service will be designated as an NES Extension Hub for the purpose of applying the rates and charges for the Service provided. The application of rates and charges involving Service provided through an NES Extension Hub are set forth in Section I following.

   If facilities which are suitable to provide NES DS1 or NES DS3, as applicable, become available, the Company will work cooperatively with the Customer in determining if conversion to such facilities should occur.

   When NES is provided in conjunction with High Capacity Service, and that Service is also to be provided with Enterprise NRS as set forth in Part G, Section 2, no more than fifty percent (50%) of the total Services connected to NRS Network Access Ports at a single NRS Hub may be Voice Grade Service, DDS II or High Capacity Service provided in conjunction with NES.

E. NES CHANNEL DESCRIPTIONS

The following channels are available with NES.

- DS0 channels for the transmission of analog or digital signals at transmission speeds of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 kbps.
- DS1 channels for the transmission of digital signals at transmission speeds of 1.544 Mbps.
- DS3 channels for the transmission of digital signals at transmission speeds of 44.736 Mbps.
- Voice channels for the transmission of analog signals directly into a suitably equipped digital cross-connect system at a DS1 level.

The following channels are available with NES.

- DS0 channels for the transmission of analog or digital signals at transmission speeds of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 kbps.
- DS1 channels for the transmission of digital signals at transmission speeds of 1.544 Mbps.
- DS3 channels for the transmission of digital signals at transmission speeds of 44.736 Mbps.
- Voice channels for the transmission of analog signals directly into a suitably equipped digital cross-connect system at a DS1 level.

Each channel is described in further detail following.

ENTERPRISE SERVICES (REGION 11)

E. NES CHANNEL DESCRIPTIONS (CONT'D)

1. DSO Channels

NES DS0 channels are digital channels operating within a maximum bandwidth capacity of 64.0 kbps. NES DS0 network management functions performed remotely from a single point of contact are (i) provisioning of network facilities and (ii) monitoring and surveillance for the purpose of maintaining and restoring network Services. NES channel configurations are specified in Section B preceding. NES operates on a 24-hour-per-day seven-days-per-week basis in a full-duplex, synchronous transmission mode over facilities between Customer-designated premises or between a Customer-designated premises and a Company hub. NES is subject to the availability of equipment, facilities and technical limitations. The CPE is a CSU/DSU and terminates at the demarcation as a 4-wire interface.

NES DS0 channels may be provided in conjunction with Enterprise NRS as set forth in Part G, Section 2.

NES DS0 channels are available in two service configurations as follows:

a. NES DS0 Standard Service

An NES DS0 Standard Service consists of Company provided network equipment deployed at Customer locations other than on the Customer's designated premises. The Company's network equipment enables the Company to provision DS0 circuits and to perform remotely, from a single point of contact, the network functions of monitoring and surveillance.

The technical specifications for NES DS0 Standard Service are set forth in Section F following.

b. NES DS0 Prime Service

An NES DS0 Prime Service consists of Customer provided equipment deployed on Customer designated premises to enable the provision of NES DS0 circuits. The Customer must provide the necessary equipment at its premises to enable the Company to deliver NES DS0 circuits and to perform remotely, from a single point of contact, the network functions of monitoring and surveillance.

The technical specifications and compatibility requirements associated with the Customer provided equipment for NES DS0 Prime Service are set forth in Section F2 following. In addition, the Customer provided equipment must be capable of delivering NES DS0 Service to the specifications set forth in Section F1 following.

In order to prevent false indication of an inoperative condition and to protect security of communications, the Customer must notify the Company prior to accessing Customer provided equipment deployed on its premises to enable the provision of NES in an NES DS0 Prime Service configuration.

ENTERPRISE SERVICES (REGION 11)

E. NES CHANNEL DESCRIPTIONS (Cont'd)

1. DSO Channels (Cont'd)

An NES DS0 Service may be provisioned with a combination of one Standard Service and one Prime Service. NES DS0 Standard channels and NES DS0 Prime channels may be groomed on to the same NES DS1 channel at the NES Hub.

The type of channel termination (i.e., analog or digital) is a function of the channel interface selected by the Customer. Analog channel interfaces may be either two-wire or four-wire interfaces for the transmission of analog signals over the digital facility. Digital channel interfaces are four-wire interfaces for the transmission of digital signals at transmission speeds of 2.4, 4.8, 9.6, 19.2, 56.0 or 64.0 kbps.

Channel mileage, when applicable, will apply as set forth in Section I following.

The Optional Features and Functions which are available for use with NES DS0 channels are specified in Section H following.

2. DS1 Channels

NES DS1 channels are digital channels for the simultaneous, two-way digital transmission of 1.544 Mbps synchronous serial data. The actual bit rate and framing formats are a function of the channel interface selected by the Customer. NES DS1 channel configurations are specified in Section E preceding.

NES DS1 may also be provided in conjunction with Enterprise NRS as set forth in Part G, Section 2. Channel mileage, when applicable, will apply as set forth in Section I following. The Optional Features and Functions which are available for use with NES DS1 channels are specified in Section H following.

ENTERPRISE SERVICES (REGION 11)

E. NES CHANNEL DESCRIPTIONS (Cont'd)

3. DS3 Channels

NES DS3 channels are digital channels for the simultaneous, two-way transmission of 44.736 Mbps isochronous serial data. The actual bit rate and framing formats are a function of the channel interface selected by the Customer. NES channel configurations are specified in Section E preceding.

NES DS3 may be provided in conjunction with Enterprise NRS as specified in Part G, Section 2. Channel mileage, when applicable, will apply as set forth in Section I following. The Optional Features and Functions which are available for use with NES DS3 channels are specified in Section H following.

4. Enterprise Voice Service

Enterprise Voice Service (**NES Voice**) consists of channel terminations which utilize subscriber line carrier technology and fiber optic facilities for the transmission of analog signals between a Customer designated premises and its serving wire center. These channels must be provided in conjunction with NES DS0 channels of the same speed or type. At the Customer's option, NES Voice channels may be groomed to an NES DS1 facility. If the serving wire center of the Customer designated premises to which NES Voice channels are provided is not an NES Hub, the serving wire center will be designated as an NES Extension Hub. When the serving wire center is designated as an NES Extension Hub, NES DS0 channel mileage will apply as set forth in Section I following for each NES Voice channel. Connection to other NES Voice channel terminations is prohibited).

Due to limited availability of suitable facilities and equipment, NES Voice will only be provided where suitable fiber optic facilities, digital cross-connect technology and subscriber line carrier technology already exist for such Service.

The Optional Features and Functions which are available for NES Voice are set forth in Section H following.

The technical specifications for NES Voice channels are delineated in Technical Reference TR-NWT-000335, Issue 3.

ENTERPRISE SERVICES (REGION 11)

F. TECHNICAL SPECIFICATIONS

Technical equipment requirements, compatibility requirements, technical specifications, features and functions, and performance parameters for NES channels are contained in:

1. NES DS0 Standard Service

   Technical References TR-NWT-000335, Issue 3; TR-NPL-000157, Issue 2; PUB 62310; NTR-74374, Issue 2; and NTR-74375, Issue 2.

2. NES DS1 Service

   Technical Reference GR-54-CORE, Issue 1.

3. NES DS3 Service

   Technical Reference GR-342-CORE, Issue 1.

4. NES Voice

   Technical Reference TR-NWT-000335, Issue 3.

ENTERPRISE SERVICES (REGION 11)

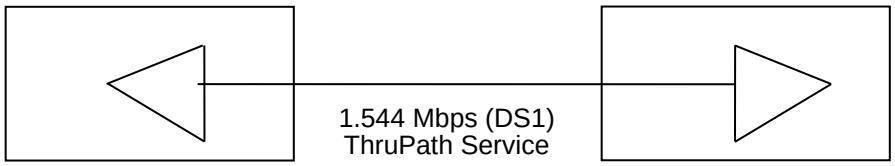
G. THRUPATH SERVICE

A ThruPath Service connection occurs when a channel which has been derived from one multiplexed or groomed facility is interconnected with a channel which has been derived from a different multiplexed or groomed facility of the same bit rate. When the ThruPath Service connection involves IDSR, DSR, or an IntelliLight Broadband Transport (IBT) multiplexing node, those Services must use symmetrical port combinations. ThruPath Service connections may not be associated with asymmetrical port combinations of an IDSR, DSR, or IBT multiplexing node. The two derived channels are interconnected to create a single channel of a lesser capacity between the two multiplexed or groomed facilities as follows.

- Enterprise Service DS1 between an IDSR node, a DSR node, or multiplexed IBT and a multiplexed 44.736 Mbps High Capacity facility or groomed NES DS3 facility.
- Enterprise Service DS3 between two IDSR or DSR services of higher capacity.
- Enterprise Service DS0 or Voice between two Special Access groomed DS1 facilities
- Enterprise Service DS1 between two Special Access multiplexed or groomed DS3 facilities

For example, two separate DS3 facilities are each de-multiplexed or groomed down to twenty eight DS1 channels and a DS1 channel from one multiplexed or groomed DS3 facility is interconnected with a DS1 channel from the other DS3 multiplexed or groomed facility to create a single DS1 channel between the two multiplexed facilities.

Example: Through-connection of multiplexed facilities



Intermediate Hub
(DS3 to DS1 Multiplexing
or grooming)

Intermediate Hub
(DS3 to DS1 Multiplexing
or grooming)

In addition to the channel mileage rates for the lesser capacity channel arranged between the two Hubs or between the Hub and either an IDSR or DSR central office node, a nonrecurring charge (Thrupath Connection Charge) applies. The ThruPath Connection Charge applies whether the Hubs or Hub and IDSR or DSR central office node are located in the same or different wire centers.

ENTERPRISE SERVICES (REGION 11)

G. THRUPATH SERVICE (Cont'd)

Except for the Company hub locations set forth below, High Capacity ThruPath Service connections* are available at or between (i) all Intermediate or Super-Intermediate Hubs; or (ii) all IBT multiplexing nodes; or (iii) an Intermediate or Super-Intermediate Hub and either an IDSR or DSR central office node or IBT multiplexing node.

- Mansfield, MA
- Maynard, MA
- Natick, MA
- New Bedford, MA
- North Chelmsford, MA
- Rehoboth, MA

In the case of Enterprise Services, ThruPath Service connections are available at or between NES Hubs, an IDSR central office node, a DSR central office node, or IBT multiplexing node and a NES Hub.

ENTERPRISE SERVICES (REGION 11)

H. OPTIONAL FEATURES AND FUNCTIONS

1. Flexible DS0 Data Speed

An arrangement which enables a change in the data rate (e.g., from 2.4 kbps to 9.6 kbps) at which an NES DS0 channel is provided over a digital four-wire channel interface. The data rate may be changed to 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps, 56.0 kbps or 64.0 kbps. This option is not available with NES DS0 which is provided over an analog channel interface, included in a multipoint arrangement or provided in conjunction with DDS II.

2. DS0 Central Office Bridging

An arrangement to connect three or more Customer designated premises in a multipoint arrangement. For analog channels, a maximum of forty-one Customer designated premises may be included in the multipoint arrangement. For digital channels, a maximum of seventeen Customer designated premises may be included in the multipoint arrangement. All channels included in the multipoint arrangement must have the same type of channel interface (i.e., all analog channel interfaces or all digital channel interfaces operating at the same transmission speed).

3. Reconfiguration Capability

An arrangement which enables an NES to be reconfigured to an alternate configuration. The Customer must have available adequate bandwidth capacity between the locations involved for the alternate configuration. The Company will work cooperatively with the Customer in determining the availability of such facilities. The Services to be redirected between the primary and alternate configurations must have the same operating characteristics (e.g., same speed or type) and have compatible channel interfaces. A prearranged reconfiguration plan which includes a primary configuration and an alternate configuration must be created and maintained for use in responding to Customer requests for Service redirection.

The following reconfiguration capability options are available to all NES bandwidth capacities.

a. Requested Reconfiguration

Requested Reconfiguration enables NES to be reconfigured to an alternate configuration in response to the Customer requesting that Service be redirected.

Requested Reconfiguration requires that the Customer's NES be ordered in conjunction with Enterprise NRS as set forth in Part G, Section 2.

The rates and charges for Requested Reconfiguration are the rates and charges specified for Enterprise NRS as set forth in Part G, Section 4.

ENTERPRISE SERVICES (REGION 11)

H. OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

3. Reconfiguration Capability (Cont'd)

b. Scheduled Reconfiguration

Scheduled Reconfiguration enables NES to be reconfigured to an alternate configuration on a scheduled basis. For each bandwidth capacity, the Customer must provide the Company with a schedule consisting of (i) the primary configuration, (ii) the alternate configuration, (iii) the time and day(s) the alternate configuration is to be activated (e.g., daily at 8:00 PM) and (iv) the duration for which the alternate configuration is to be in effect before the Service is restored to its primary configuration. Each scheduled reconfiguration must have a duration of fifteen (15) minutes or more. The scheduled reconfiguration may not be repeated more than once in a twenty-four hour period.

Scheduled Reconfiguration requires that the Customer's NES be ordered in conjunction with Enterprise NRS as set forth in Part G, Section 2.

The rates and charges for Scheduled Reconfiguration ate the rates and charges specified for Enterprise NRS as set forth in Part G, Section 4.

c. Emergency Reconfiguration

Emergency Reconfiguration allows for the Customer to plan for an emergency or failure which renders its NES inoperative.

With this option, NES may be reconfigured to an alternate configuration following an emergency (as defined by the Customer) or failure which renders the Service inoperative, provided the alternate configuration is not affected by the emergency or failure. The Customer must have available adequate bandwidth capacity for the alternate configuration between the locations involved. Each NES may be included in several alternate configurations for different emergency conditions. The Customer may also assign priority levels to each of the Services. The priority level will determine the order in which the Services are reconfigured. The Company will work cooperatively with the Customer in determining the availability of such facilities.

Emergency Reconfiguration allows for the Customer to plan A prearranged restoration plan must be created and maintained for use in the event of an emergency or failure. The restoration plan must include a primary configuration, the alternate configuration(s) and when appropriate the service priority level. In addition, when different alternate configurations are assigned for different emergency conditions, the Customer must identify the condition along with its associated alternate configuration in the restoration plan.

ENTERPRISE SERVICES (REGION 11)

H. OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

3. Reconfiguration Capability (Cont'd)

c. Emergency Reconfiguration (Cont'd)

In the event of an emergency or failure, the Company will reconfigure the affected Services in accordance with instructions previously provided by the Customer in its restoration plan.

Emergency Reconfiguration requires that the Customer's NES be ordered in conjunction with Enterprise NRS as specified in Part G, Section 2.

The rates and charges for Emergency Planning are the rates and charges for Enterprise NRS as specified in Part G, Section 4.

ENTERPRISE SERVICES (REGION 11)

H. OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

4. Network Emergency Planning

a. Dual Homing

A Dual Homing arrangement allows NES channel terminations to be provided through a wire center other than the wire center that normally serves the Customer's premises.

A Dual Homing arrangement consists of an alternate route channel termination between the Customer designated premises and a wire center other than the normal serving wire center for that premises. The wire center associated with the alternate route will be specified by the Company. When applicable, the mileage used to determine the channel mileage rate for the Dual Homing channels is based on the wire center to which the Dual Homing channel termination is ordered.

A monthly rate applies for each channel termination provided to a wire center other than the wire center which would normally serve the Customer premises. The monthly rate for Dual Homing applies for each channel termination in addition to all other rates and charges associated with the NES channel's alternate route.

b. Standby Circuits

A Dual Homing arrangement allows NES channel terminations to be provided through a wire center other than the wire center that normally serves the Customer's premises.

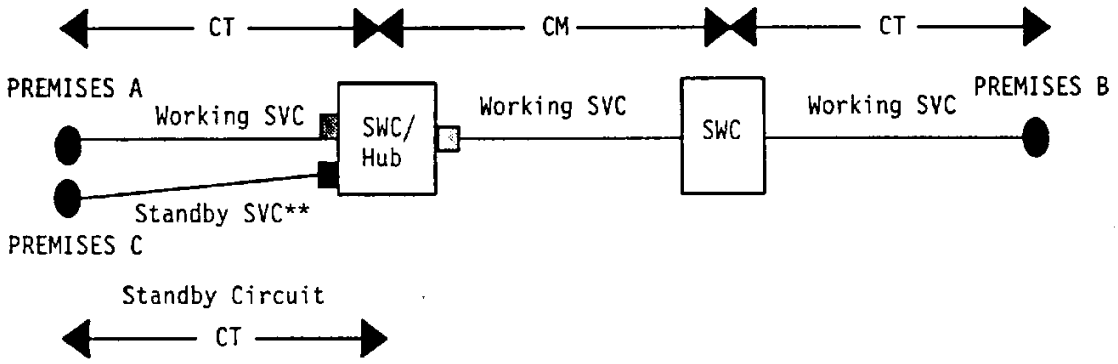
This optional feature provides for the Customer's NES DS1 or NES DS3 Service to be protected by a standby (inactive) circuit which may be activated in the event of a service affecting failure at the Customer's designated premises. A standby circuit must work in conjunction with one or more working (active) circuits allowing for interchanging a working circuit with the standby circuit in the event of a failure. The standby circuit may include only the portion of the Service between the Customer designated premises and the NES Hub or may include interoffice facilities between NES Hubs as well. Should an event occur at the Customer designated premises which interrupts a working Service, the Customer must contact the Company SPOC to reconfigure the standby circuit to an active condition and to make the Service which was previously working inactive. Only one of the circuits (i.e., a working or the standby) may be active at a time. Both the working Service(s) and the standby Service must be connected to Enterprise NRS Network Access Ports as set forth in Part G, Section 2, allowing for a working Service to be interchanged with the standby Service.

The monthly rates for this optional feature include a standby channel termination, standby NRS Network Access Port as set forth in Part G, Section 4, and, when applicable, standby channel mileage. These rates apply in addition to the rates applicable to the primary (working) Service(s). In addition, each working circuit must be connected to a non-standby NRS Network Access Port as set forth in Part G, Section 4. Enterprise NRS SPOC Access as set forth in Part G, Section 2 is also required. Access to the SPOC provides the Customer with the ability to contact the Company SPOC attendant to interchange a working circuit with a standby circuit.

ENTERPRISE SERVICES (REGION 11)

H. OPTIONAL FEATURES AND FUNCTIONS (Cont'd)
4. Network Emergency Planning (Cont'd)
b. Standby Circuits (Cont'd)

Example: NES connecting two Customer designated premises, one of which is protected by a standby circuit



CT - Channel Termination
CM - Channel Mileage
SWC - Serving Wire Center
■ - NRS Standby Network Access Port
▣ - NRS Network Access Port

Applicable Rate Elements Are:
- Channel Termination (2 applicable for the working service)
- Standby Channel Termination (1 applicable)
- Channel Mileage (1 section)
- NRS Standby Network Access Port (1 applicable)
- NRS Network Access Port (2 applicable)

* Requires Enterprise NRS SPOC Access and Network Access Ports as set forth in Part G, Section 2.

ENTERPRISE SERVICES (REGION 11)

H. OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

5. Shared Billing Arrangement

A Shared Billing Arrangement allows for the connection of one or more Service Users' Special Access, Switched Access or Common Channel Signaling Access Services to a Host Computer's groomed Enterprise DS1 or DS3 Service in Company wire centers designated as NES Hubs, with the Company maintaining separate records and billing for each. The Company will split the billing at the NES Hub for each Service connected to the Enterprise DS1 or DS3 Service.

A Shared Billing Arrangement also allows for the connection of one or more Service Users' DS1, DS3 or STS1 Switched Access Services, Common Channel Signaling Access Services or Enterprise DS1 or DS3 Special Access Services to a Host Customer's IDSR or DSR at wire centers with IDSR or DSR SONET multiplexing capability, with the Company maintaining separate records and billing for each. For each Service connected to IDSR or DSR, the Company will split the billing at the CO Node (i.e., SONET multiplexer) with any associated central office extension and, when applicable, associated premises port being the responsibility of the Service User.

Each Customer will be billed for those rate elements associated with its own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This arrangement is only available when

a. an NES DS3 is groomed to an NES DS1; or

b. when an NES DS1 is groomed to an NES DS0 and/or an NES Voice Service; or

c. a Switched Access or Common Channel Signaling Access Service is provided over an NES facility under the terms and conditions set forth in Part 0, Section 13; or

d. IDSR or DSR is provided to a CO Node for Add/Drop Multiplexing.

Each Customer may order its individual portion of the multiplexed or groomed Service separately from the Company. However, the ordering Customer must obtain and provide a copy of a signed letter(s) of authorization, as described in Part 0, Section 13, to the Company when placing an order for a Shared Billing Arrangement. The letter of authorization must be signed by both the Host Customer and the Service User and include the Connecting Facility Assignment and Billing Account Number of the Host Customer's Service.

Each Customer will be billed the applicable rates and charges for its individual Service(s).

ENTERPRISE SERVICES (REGION 11)

H. OPTIONAL FEATURES AND FUNCTIONS (Cont'd)

5. Shared Billing Arrangement (Cont'd)

Each Customer shall be responsible, when applicable, for reporting Service outages for its portion of the groomed Service. Out of service adjustments will be handled in accordance with Credit Allowance for Service Interruptions as set forth in Part 0, Section 2. The Maintenance of Service charge applies, as set forth in Part 0, Section 6, to the Customer whose Service is reported in trouble.

Under a Shared Billing Arrangement, the Company may share with the Host Customer record information pertaining to the groomed Service(s) of the Service User(s). Such disclosure will be at the sole discretion of the Company as necessary to perform billing reconciliations or other functions required in connection with maintaining separate account records.

A Customer may request a Shared Billing Arrangement for an existing Enterprise DS1 or DS3 Service with an existing Service Discount Plan. The terms and conditions pertaining to such request are set forth in Part H.

Part 0, Section 13 contains the application of rates specific to Shared Billing Arrangements.

ENTERPRISE SERVICES (REGION 11)

I. APPLICATION OF RATES

Rates and charges for NES channel terminations apply per point of termination and are differentiated by type of Service (e.g., analog or digital) and the bandwidth capacity involved. NES channel mileage, when applicable, applies as follows.

1. For two point Service which is not groomed, channel mileage applies between the serving wire centers associated with the locations involved.

2. For multipoint Service, channel mileage applies between each Customer designated premises and the NES Hub where the bridging function is performed.

3. For groomed Services, channel mileage applies between the serving wire center associated with each Customer designated premises, Expanded Interconnection multiplexing node or virtual collocation arrangement and the NES Hub where the grooming is performed, or between NES Hubs if grooming is performed at different NES Hubs.

4. When NES is provided in conjunction with Enterprise NRS, channel mileage applies between the serving wire center associated with the Customer designated premises or NES Hub, as applicable, and the Company Hub where the Enterprise NRS functions are performed.

5. For Services provided through an NES Extension Hub, channel mileage, when applicable, will apply as NES channel mileage.

The rates and charges for NES are set forth in Part E, Section 13. When NES are provided in conjunction with Enterprise NRS, the rates and charges for Enterprise NRS as set forth in Part G, Section 4, also apply.

At the option of the Customer, NES may be provided under a Service Discount Plan* as specified in Part H. (D)

When Service is configured with Voice Grade Service, DDSII or High Capacity Service through a serving wire center which has been designated as an NES Extension Hub, the applicable channel termination rates and charges for the type of Service being provided apply for the portion of the Service between the Customer designated premises and the associated serving wire center. The rates and charges for Voice Grade Service, DDSII and High Capacity Service channel terminations are set forth in Part A, Section 6; Part D, Section 7; and Part E, Section 13; respectively.

Minimum period requirements and nonrecurring charge liability requirements will not be affected by changes to NES performed in compliance with the Company's deployment of facilities suitable for the provision of NES as set forth in Section C preceding.

* Service availability limited. Refer to # footnote in Part H, Page 1.