

ACCESS SERVICE

7. Special Access Service

7.2 Service Descriptions (Cont'd)

7.2.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(T)

(A) Basic Channel Description (Cont'd)

(1) General (Cont'd)

Digital transmission paths for Base Rate Services, DS1 Service, and DS3 Service are differentiated by bit rate, and the quality of transmission is as delineated by the Channel Interface definitions in the Technical Reference Publications cited in Section 7.2 preceding. Customer options are available to customize the channels.

Base Rate Services, DS1 Service and DS3 Service channels may be connected to any other Base Rate Service, DS1 Service or DS3 Service at a Telephone Company Hub, and to certain other Special Access services as described in Section 7.2.9(B)(4)(f) following. When a customer orders service to a Telephone Company Hub, it is the customer's responsibility to assure that the channels connected at the Hub are compatible. Compatible network channel interfaces for interstate Special services are listed in Section 7.3 following.

When service is provided between a customer designated premises and a Telephone Company Fiber Hub location, listed in 7.4.10 following, that service is considered to end at the Fiber Hub location. Performance of the service is measured between the customer designated premises and the Fiber Hub location. Interconnection at the Fiber Hub is limited to DS1 Service and DS3 Service channels terminating at speeds of 1.544 and 44.736 Mbps, only (not available with DS1 - 128.0, 256.0 and 384.0 Kbps transport).

When service is provided between a customer designated premises and an NRS^{/1/} system location, that service is considered to end at the NRS system location. Performance of the service is measured between the customer designated premises and the NRS system location. When service is provided between two NRS system locations, that service is considered to end at the NRS system locations, and performance of the service is measured between these two locations. Interconnection at the NRS system location is limited to DS3, DS1 (1.544 Mbps and 128 - 384 Kbps) and Base Rate Services (2.4 - 64 Kbps) channels.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(B) Channel Configuration (Cont'd)

(2) Interoffice Transport

Interoffice Transport facilities comprised of Channel Mileage Terminations (CMT), described in Section 7.1.2(B) preceding, and Channel Mileage (CM), described in Section 7.1.2(C) preceding, provide the transmission paths between the Serving Wire Centers associated with two customer designated premises, between a Serving Wire Center associated with a customer premises and a Telephone Company Hub location or an NRS^{/1/} System Location or between two Telephone Company NRS system locations for NRS associated services. When NRS system locations are within the same wire center only the appropriate port charges will apply. Three interoffice transport types are available; Base Rate transport which supports bit rates from 2.4 Kbps through 64.0 Kbps, DS1 transport at bit rates of 1.544 Mbps, 128.0 Kbps, 256.0 Kbps and 384.0 Kbps and DS3 transport at the 44.736 Mbps bit rate.

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Base Rate 2.4 Kbps through 64.0 Kbps LDCs are interconnected to Base Rate transport^{/2/} while DS1 LDCs are interconnected to DS1 transport (1.544 Mbps, 128.0 Kbps, 256.0 Kbps or 384.0 Kbps) and DS3 SCs to DS3 transport. Additionally, higher speed LDCs may be cross-connected to lower speed transport using optional multiplexing features delineated in Section 7.2.9(B)(4)(f) following.

(T)

(3) Optional Features and Functions

The following table shows the technical specifications packages with which the optional features and functions are available. Not all of the optional features and functions described in this section apply to all of the services. The following matrix shows the Optional Features and Functions by bit rate that a customer may select. The specific Optional Features and Functions are described in Section 7.2.9(B)(4), a through i, following. Except as specified in 7.2.9(B)(4)(f)(2) following, when DS1 LDCs are used in conjunction with DS1 128.0, 256.0 or 384.0 Kbps transport, no Optional Features and Functions are available.

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- /2/ Base Rate Interoffice Transport provides usable bandwidths to match the customer's LDC Bit Rate for Base Rate services operating at terminating speeds up to and including 64.0 Kbps.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Descriptions (Cont'd)

7.2.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(B) Channel Configuration (Cont'd)

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

(h) NRS^{2/} Termination

(C)

An arrangement to connect a DS3, DS1 or Base Rate Local Distribution Channel or interoffice transport facility to a Network Reconfiguration System (NRS) location to allow the connected DS3, DS1, Base Rate, DS3 or DS1 service to be reconfigured with NRS. All DS3, DS1 and Base Rate Services that are to be included in a customer's NRS database must be terminated on an NRS system location. Only services that are included in a customer's NRS database may utilize the ANRS Termination feature.

(i) Shared Network Arrangement^{1/}

(T)

(1) A Shared Network Arrangement is a service offering that enables a customer (the "Service User") to connect subtending services to the multiplexed DS3 or DS1 service of another customer (the "Host Subscriber"), with the Telephone Company maintaining separate records and billing for each. Each customer will be billed for those rate elements associated with their own portion of the service configuration. Under no circumstances will the rates or charges for individual rate elements be split. This offering is limited to service configurations where a Service User obtains either subtending Direct Analog or Base Rate circuits from a Host's multiplexed DS1 service, or DS1 circuits from a Host's multiplexed DS3 service.

(2) Under the Shared Network Arrangement, the Telephone Company may share record information with the Host Subscriber pertaining to the services of other users of the shared network. Such disclosure will be under the sole

/1/ Effective 06/01/06, this regulation is limited to existing customers. For new customers purchasing Shared Network Arrangement, terms and conditions set forth in Section 5.2 (A), will apply.

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7. Special Access Service (Cont'd)

7.2 Service Descriptions

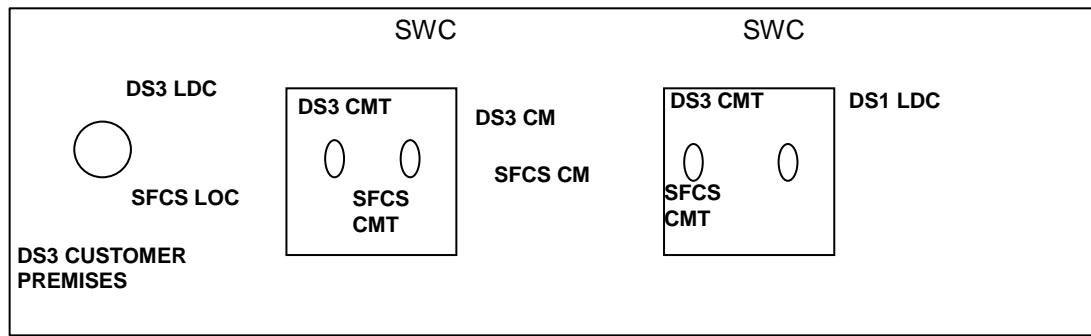
7.2.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(B) Channel Configuration (Cont'd)

(4) Optional Features and Functions

(K) Shared Facility Credit/Shared Facility Channel Service (Cont'd)

The following diagram depicts a DS1 Service connected to a Shared Facility Channel Service (SFCS) provisioned over a Shared Facility Credit arranged DS3 Service.



- SWC - Serving Wire Center
- LDC - Local Distribution Channel
- CMT - Channel Mileage Termination
- CM - Channel Mileage
- MUX - DS3 to DS1 Multiplexer

Section 7.4.19 contains rate regulations specific to Shared Facility Credit/Shared Facility Channel Service arrangements.

(5) Network Reconfiguration Service (NRS)^{1/}

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(A) General

Network Reconfiguration Service (NRS) gives customers the ability to reconfigure networks, via electronic cross-connections, comprised of DS3, DS1 and Base Rate channels connected at NRS system locations. Reconfiguration may be accomplished by placing an electronic request via a customer provided terminal or by calling a Telephone Company attendant.

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7. Special Access Service (Cont'd)

7.2 Service Description (Cont'd)

7.2.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(B) Channel Configuration (Cont'd)

(5) Network Reconfiguration Service (NRS) (Cont'd)^{/1/}

(C)

(B) Service Description

Network Reconfiguration Service gives customers the ability to reconfigure their networks via cross-connections of their DS3, DS1 and Base Rate Service channels which are identified in a customer specific network database. The NRS system location provides an interface at the DS3 (44.736 Mbps), DS1 (1.544 Mbps) and Base Rate (2.4 - 64 Kbps) levels. The customer may specify cross-connections at the DS3, channelized DS3, DS1, channelized DS1, or Base Rate level.

Customer access to NRS may be made directly by the customer utilizing customer provided terminal equipment on the customer's premises in conjunction with a Dedicated Network Access Link or dial-in line. Access is also available through a Telephone Company attendant reached by a dial access telephone line.

NRS will give the customer the ability to make changes in the individual channel segments of their network. Customers may reconfigure DS3, DS1 or Base Rate or DS1 service. Customers may also reconfigure Direct Analog channels that are channels of a reconfigurable channelized DS1 service. To utilize this capability, customers must order appropriate DS1 multiplexing in addition to the NRS Terminations at the DS1 level and the NRS service.

NRS will be available on a continuous basis except for the performance of scheduled preventative and routine maintenance or scheduled software updates. The customer will be notified at least 24 hours in advance of any scheduled service interruptions.

NRS system locations are found in the National Exchange Carrier Association, Inc., Tariff F.C.C. No. 4.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.2 Service Description (Cont'd)

7.2.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(B) Channel Configuration (Cont'd)

(5) Network Reconfiguration Service (NRS) (Cont'd)^{/1/}

(C)

(C) Technical Specifications

Services that are cross-connected by the Network Reconfiguration Service will not operate properly unless they have identical technical characteristics to ensure compatibility and proper operation. NRS customers are responsible for the compatibility of the services they choose to cross-connect.

If the Telephone Company determines that the technical characteristics of services selected for cross-connection by the customer are not compatible, they will advise the customer and give them the opportunity to change the order.

The Network Reconfiguration Service specifications are delineated in Technical Reference AM-TR-OAT-000064.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.14 Network Reconfiguration Service (NRS)^{/1/}

(C)

This section contains specific regulations governing the rates and charges that apply for Network Reconfiguration Service.

(A) Types of Rates and Charges

(1) Monthly Rates

(a) NRS Service Charge (Ability to Reconfigure Networks)

(T)

The NRS Service Charge is a monthly recurring rate that is applied per customer network database that gives the customer the ability to reconfigure their network.

(b) NRS Access Arrangement

The NRS Access Arrangement charge applies for each Dedicated Access Network Link or dial-in access number that the customer uses to access NRS. The Access Arrangement provides the interface between the customer and the NRS System Locations. Dedicated Network Access Links (DNALs) or dial-in access should be purchased from the applicable intrastate or interstate tariffs. This option may be utilized with a compatible DNAL as specified in Section 8.3.1(E). An Access Arrangement must be purchased for each Dedicated Network Access Link or dial-in number used to access the NRS system to request reconfigurations.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.14 Network Reconfiguration Service (NRS) (Cont'd)^{/1/}

(C)

(A) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges

(a) NRS Service Charge (Ability to Reconfigure Networks)

(T)

There is a nonrecurring charge for initially establishing the customer network database. The network database will contain all facilities and channels that a customer will be able to reconfigure.

(b) NRS Database Modification

The Database Modification charge applies to customer initiated changes to their network database subsequent to the initial database setup. These changes include:

- (1) Addition or deletion of channel/facility terminations at the NRS system location.
- (2) Addition, deletion or change in the customer's master security password.
- (3) Establish cross-connection of two NRS subscribers located at the same NRS location. Letters of Authorization must be submitted by both customers to the Telephone Company before the modification is made.

Discontinuance of the above arrangement will also generate a modification charge.

This charge applies to each change to a customer's database. If more than one change is requested at the same time, the charge is applied to each change requested.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.4 Rate Regulations (Cont'd)

7.4.14 Network Reconfiguration Service (NRS) (Cont'd)^{/1/}

(C)

(A) Types of Rates and Charges (Cont'd)

(2) Nonrecurring Charges (Cont'd)

(c) NRS Access Arrangement

There is a nonrecurring charge associated with the initial installation of the arrangement.

(d) Attendant Access

Attendant Access provides for reconfiguration activities to be performed by a Telephone Company attendant at the direction of the customer. The customer may request that the commands be performed on demand or at a later, scheduled time. On demand requests will normally be executed by the attendant within one hour of the customer's request. Attendant Access cannot be purchased independently but is available to customer's that access NRS either through a dial-in or dedicated arrangement.

The Attendant Access charge is charged on the first 30 minutes of use and subsequent 15 minute increments.

(e) NRS Training

The NRS training charge provides for additional training requested by the customer beyond the training session included with the initial installation of the NRS service.

The customer may request additional training on an hourly basis to be provided at a location agreed upon by the Telephone Company and the customer.

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7. Special Access Service (Cont'd)

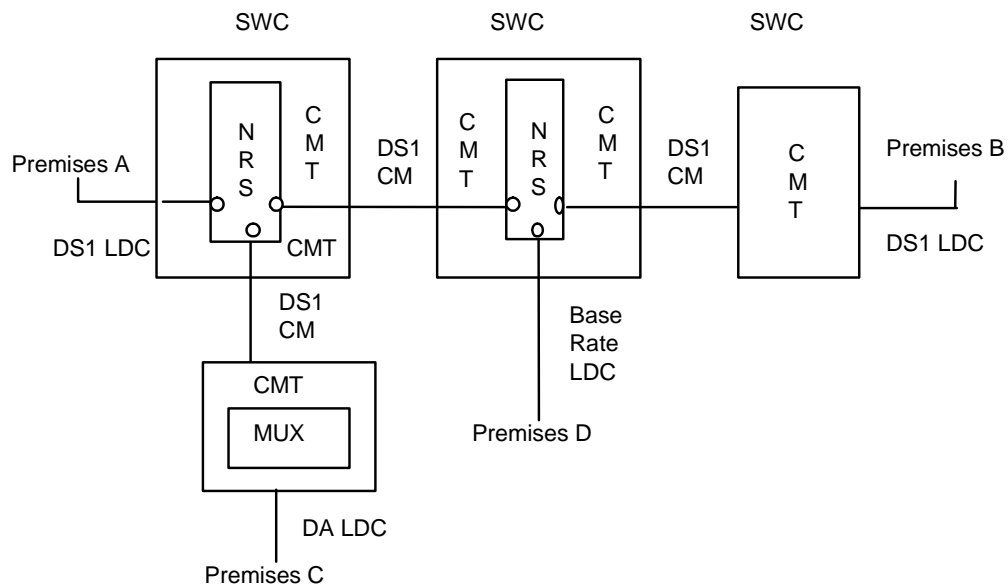
7.4 Rate Regulations (Cont'd)

7.4.14 Network Reconfiguration Service NRS (Cont'd)^{/1/}

(C)

(B) Service Configuration

The following diagram depicts Network Reconfiguration Service (NRS) utilized with DS1 and Base Rate and Direct Analog Services.



- LDC - Local Distribution Channel
- CMT - Channel Mileage Termination
- CM - Channel Mileage
- SWC - Serving Wire Center
- MUX - Multiplexer
- NRS - NRS System Location
- o - NRS Port Termination
- DA - Direct Analog

Applicable rate elements are:

- Local Distribution Channels, 2 DS1, 1 Base Rate, 1 Direct Analog
- Channel Mileage Terminations - 6 DS1
- Channel Mileage - 3 DS1 mileages
- NRS Port Terminations - 5 DS1, 1 Ameritech Base Rate
- Multiplexing - 1 DS1 to Base Rate/Direct Analog
- Appropriate NRS Basic Service and ACCESS rate elements

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

A. Base Rate Service (Cont'd)

5. Optional Features and Functions (Cont'd)

	USOC	Monthly	Recurring Charges Optional Payment Plan		
			12 Mo.	36 Mo.	60 Mo.
a. Central Office Bridging, Per Port	B5NGF	\$25.00	\$20.00	\$17.00	\$15.00

	Nonrecurring Charges	USOC	Monthly	Recurring Charges Optional Payment Plan		
				12 Mo.	36 Mo.	60 Mo.
b. NRS System Location^{/2/}						
Port Termination						
- Base Rate Termination	-	PT5	\$20.00	\$19.00	\$17.00	\$16.00

	USOC	Monthly Rate	Nonrecurring Charges	
c. Secondary Channel				
Per Local Distribution Channel (2.4, 4.8, 9.6 and 56.0 ^{/1/} Kbps)	SCA	None		None

(C)

/1/ Since all 56.0 Kbps lines are not capable of furnishing Secondary Channel Services, a service inquiry must be made to determine availability.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(B) DS1 Service (Cont'd)

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

(h) NRS System Location Port Termination - DS1 Termination^{/2/}

(C)

	USOC	Monthly	Recurring Charges				Optional Payment Plan ^{/1/}	
			12 Mo.	24 Mo.	36 Mo.	48 Mo.	60 Mo.	
Zone 1	PQD1A	\$50.00	\$46.00	\$44.00	\$41.00	\$40.00	\$38.00	
Zone 2	PQD1B	50.00	46.00	44.00	41.00	40.00	38.00	
Zone 3	PQD1C	50.00	46.00	44.00	41.00	40.00	38.00	
Zone 4	PQD1D	50.00	46.00	44.00	41.00	40.00	38.00	
Zone 5	PQD1E	50.00	46.00	44.00	41.00	40.00	38.00	

/1/ For all Optional Payment Plans subscribed to prior to March 17, 2001, see Section 7.5.16 following.

/2/ Effective December 5, 2018, Network Reconfiguration Service (NRS) will no longer be available for purchase by new or existing customers, and NRS service agreements may no longer be renewed. Effective July 31, 2022, the Telephone Company will no longer accept new requests for physical changes to existing service arrangements including the upgrade or downgrade of access/port speed, installation of new service, or moves to different service addresses.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(C) DS3 Service (Cont'd)

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

(c) NRS System Location Port Termination - Per DS3 Termination^{/2/}

(C)

	USOC	Monthly Extension Rate	Recurring Charges Optional Payment Plan ^{/1/}				
			12 Mo.	24 Mo.	36 Mo.	48 Mo.	60 Mo.
Zone 1	R6SXA	\$250.00	\$200.00	\$175.00	\$160.00	\$155.00	\$145.00
Zone 2	R6SXB	250.00	200.00	175.00	160.00	155.00	145.00
Zone 3	R6SXC	250.00	200.00	175.00	160.00	155.00	145.00
Zone 4	R6SXD	250.00	200.00	175.00	160.00	155.00	145.00
Zone 5	R6SXE	250.00	200.00	175.00	160.00	155.00	145.00

/1/ For all Optional Payment Plans subscribed to prior to March 17, 2001, see Section 7.5.16 following.

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ACCESS SERVICE

7. Special Access Service (Cont'd)

7.5 Rates and Charges (Cont'd)

7.5.9 Base Rate Services, DS1 Service and DS3 Service (Cont'd)

(D) Network Reconfiguration Service (NRS)^{/2/} (C)

		Recurring Charges							
	USOC	Monthly	12 Mo.	24 Mo.	36 Mo.	48 Mo.	60 Mo.	Nonrecurring Charge	(T)
				Optional Payment Plan ^{/1/}					
(1) NRS Service Charge									
- Per Customer Database	FN6DD	\$240.00	\$228.00	\$221.00	\$204.00	\$198.00	\$192.00	\$3,000.00	
(2) Database Modification									
- Per Modification	FN6DC	<-----None----->						150.00	
(3) NRS Access Arrangement									
- Per Arrangement	RNQPA	210.00	199.50	193.20	178.50	173.25	168.00	75.00	
(4) Attendant Access									
- Per first 30 minutes per occurrence	NRBN1	<-----None----->						55.00	
- Per additional 15 minute increments	NRBNA	<-----None----->						10.00	
(5) NRS Training									
- Per hour of additional training	NRBNT	<-----None----->						50.00	

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