

6. OPTIONAL ACCESS SERVICES

6.4 PROVISION AND DESCRIPTION OF SERVICE

6.4.2 900 ACCESS SERVICE

- B. Automatic Number Identification (ANI) (Cont'd)
2. The seven digit ANI telephone number is available with 900 Access Service. ANI will be provided only with DTT. ANI will be transmitted on all calls except those originating from four party lines, pay telephones using Feature Group B, when the end user has dialed 0- for operator assistance or when an ANI failure has occurred.
 3. The ten digit ANI telephone number is available with 900 Access Service provisioned as Feature Group D. The ten digit ANI telephone number consists of the Numbering Plan Area (NPA) plus the seven digit ANI telephone number. The ten digit ANI telephone number will be transmitted on all calls except those identified as four party lines or when the end user has dialed 0- for operator assistance, in which case only the NPA will be transmitted (in addition to the information digits).
 4. ANI information is provided based on the following requirements:
 - a. The telephone number and billing information may be used for billing and collection, routing, screening, and completion of the originating subscriber's call or transaction, or for services directly related to the originating subscriber's call or transaction;
 - b. The ANI information shall not be reused or resold without first (i) notifying the originating subscriber and (ii) obtaining the affirmative consent of such subscriber for such reuse or resale; and
 - c. ANI information shall not be disclosed, except as permitted by a. and b., preceding, for any purpose other than (i) performing the services or transactions that are the subject of the originating subscriber's call, (ii) ensuring network performance security, and the effectiveness of call delivery, (iii) compiling, using and disclosing aggregate information, and (iv) complying with applicable law or legal process.

6. OPTIONAL ACCESS SERVICES

6.4 PROVISION AND DESCRIPTION OF SERVICE

6.4.2 900 ACCESS SERVICE (CONT'D)

C. Report Requirements

1. Jurisdictional Reports

When a customer orders Access Services for both interstate and intrastate use, the customer is responsible for providing jurisdictional reports as set forth in Section 2, preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth in Section 2, preceding.

2. 900 NXX Code Reports

When ordering 900 Access Service, the customer must report the appropriate NXX code(s) to be instituted in each Company end office at which the customer identification function is performed. The report must be updated by the customer each time a change is scheduled to occur, i.e., when a new code is to be added or an existing code is to be deleted. Such updated reports shall be provided at least 60 calendar days prior to the effective date of the change in order to allow the Company sufficient time to implement the change.

D. Application of Rates and Charges For 900 Access Service

These rates and charges are in addition to the rates and charges for the rate categories described in 6.1.2 of the Access Service Price Schedule, which are applicable to Switched Access Service, the following charges apply to 900 Access Service:

1. 900 Access Service Usage Charge Customer Identification Charge (CIC):

A 900 Access Service Customer Identification Charge is assessed for each 900 call delivered to the customer.

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6.4 PROVISION AND DESCRIPTION OF SERVICE

6.4.2 900 ACCESS SERVICE

D. Application of Rates and Charges For 900 Access Service (Cont'd)

2. 900 Access Service Nonrecurring Charge

- a. There are two additional charges which apply to 1+900 Service to activate the 900 NXX code(s) for each end office. These charges are assessed on a first and subsequent NXX per access order, per screening location. The screening location, end office or tandem, is determined by where the six-digit translation of the 900 NXX portion of the dialed number is performed.
- b. There are two additional charges which apply to Expanded 0+900 Service to activate the Expanded 900 Option. These charges are assessed per access order, per screening location, end office or tandem with NXX activity or can be ordered without NXX activity. The Expanded 900 Option is not offered without 1+900 Access Service within a LATA and is available only with Feature Group D Service in suitably equipped Company end offices.

	USOC	RATE
• 900 Access Service Customer Identification Charge, per call		\$0.000994
		NONRECURRING CHARGE
• 900 Access Service Nonrecurring Charge		
- Per first NXX, per End Office/Tandem	N9E	\$103.56
- Per each subsequent NXX, per End Office/Tandem	N9G1X	24.30
- Expanded 900 Option per End Office/Tandem with NXX Activity (available with FGD)	N98AX	895.60
- Expanded 900 Option per End Office/Tandem without NXX Activity (available with FGD)	N98BX	968.22

6. OPTIONAL ACCESS SERVICES

6.4 PROVISION AND DESCRIPTION OF SERVICE (CONT'D)

6.4.3 SIGNALING SYSTEM SEVEN (SS7) OUT OF BAND SIGNALING

A. General Description

This option provides SS7 Out of Band Signaling on a FGD transmission path group. This option provides the customer the ability to use Out of Band Signaling to set up trunks on a per call basis. CCSAC Service as described in Section 15, following, is required between the customer's Signaling Point of Interface (SPOI) and the Company's Signal Transfer Point (STP) for SS7 Out of Band Signaling in each LATA.

SS7 Out of Band Signaling provides the automatic transmission of the following parameters:

- Access Transport Parameter (ATP) provides automatic transmission of information from the originating calling location through the Common Channel Signaling Network. Information supplied using ATP may consist of one or more of the following: Called Party Subaddress; Calling Party Subaddress; High and Low Layer Compatibility and Compatibility Checking by the called party's equipment. ATP is available when Feature Group D Service is equipped with SS7 Out of Band Signaling and Clear Channel Capability.
- Calling Party Number (CPN) is the automatic transmission of the calling party's ten digit telephone number to the customer's premises for calls originating in the LATA. The ten digit number consists of the Numbering Plan Area (NPA) plus the seven digit telephone number. The Company will automatically transmit CPN with SS7 Out of Band Signaling in those offices suitably equipped with the software that allows customers to elect to block their CPN information from being displayed to the called party. This software allows the customer to block their CPN on a per call basis, and transmits a "privacy indicator" as part of the CPN information.

With SS7 Out of Band Signaling, up to 12 digits of the called party number dialed by the customer's end user using dual tone multifrequency or dial pulse address signals is provided by the Company equipment to the customer's designated premises via CCSAC links. SS7 Out of Band Signaling requires the customer to order the SS7 Out of Band Signaling optional service, as set forth herein, and CCSAC Service as set forth Section 15, following.

When Interface Groups 1, 2 6 or 9 are associated with FGD Service with SS7 Out of Band Signaling, no signaling will be done via the message channel.

6. OPTIONAL ACCESS SERVICES

6.4 PROVISION AND DESCRIPTION OF SERVICE

6.4.3 SIGNALING SYSTEM SEVEN (SS7) OUT OF BAND SIGNALING (CONT'D)

B. Charge Number Information

- Charge Number is the SS7 Out of Band Signaling equivalent of the ten-digit ANI telephone number. Charge Number is the automatic transmission of the ten-digit billing number of the calling station and the originating line information when a FGD trunk group is provisioned with SS7 Out of Band Signaling. Charge Number is provided when the customer requests the ANI optional feature trunk groups provisioned with SS7 Out of Band Signaling.
- Charge Number information is provided based on the following requirements:
 - the telephone number and billing information may be used for billing and collection, routing, screening, and completion of the originating subscriber's call or transaction, or for services directly related to the originating subscriber's call or transaction;
 - the Charge Number information shall not be reused or resold without first (i) notifying the originating subscriber and (ii) obtaining the affirmative consent of such subscriber for such reuse or resale; and
 - Charge Number information shall not be disclosed, except as permitted by the preceding two paragraphs, for any purpose other than (i) performing the services or transactions that are the subject of the originating subscriber's call, (ii) ensuring network performance security, and the effectiveness of call delivery, (iii) compiling, using and disclosing aggregate information, and (iv) complying with applicable law or legal process.
- Carrier Selection Parameters (CSP) is the automatic transmission of a signaling indicator which signifies to the customer that the call being processed originated from a presubscribed line or by dialing the 101XXXX code.

C. Technical and Transmission Specifications

The technical specifications for the ATP, CPN and CSP parameters are described in Technical Reference PUB GR-905-CORE, GR-394-CORE and in Qwest Corporation Technical Reference PUB 77342.

Transmission specifications for SS7 Out of Band Signaling are delineated in Technical Reference PUB GR-394-CORE, GR-905-CORE and in Qwest Corporation Technical Reference PUB 77342.

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6. OPTIONAL ACCESS SERVICES

6.4 PROVISION AND DESCRIPTION OF SERVICE

6.4.3 SIGNALING SYSTEM SEVEN (SS7) OUT OF BAND SIGNALING (CONT'D)

D. Application of Rates and Charges for SS7 Out of Band Signaling

These rates and charges are in addition to the rates and charges for the rate categories described in 6.1.2 of the Access Service Price Schedule, which are applicable to Switched Access Service. The description and application of rates and charges are set forth below:

1. Rearranging FGD service to SS7 Out of Band Signaling Service Order Rearrangement Charges:

	USOC	NONRECURRING CHARGE
• One-way transmission to SS7 FGD two-way	NR6S1,FN7S1	\$ 99.50
• Two-way transmission to SS7 FGD two-way	NR6S2,FN7S2	99.50

2. SS7 Trunk Rearrangement Charges:

One-way transmission to SS7 FGD,
two-way

• Per first trunk in a SS7 trunk group		
- Interface Groups 1 and 2	NR61U,FN71U	183.63
- Interface Group 6	NR61V,FN71V	179.66
- Interface Group 9	NR61W,FN71W	179.66
• Per each additional trunk in a SS7, trunk group		
- Interface Groups 1 and 2	NR61X,FN71X	15.46
- Interface Group 6	NR61Y,FN71Y	11.49
- Interface Group 9	NR61Z,FN71Z	11.49

NOTICE

THE INFORMATION CONTAINED IN THIS DOCUMENT IS SUBJECT TO CHANGE.
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6.4 PROVISION AND DESCRIPTION OF SERVICE

6.4.3 SIGNALING SYSTEM SEVEN (SS7) OUT OF BAND SIGNALING

D.2. (Cont'd)

	USOC	NONRECURRING CHARGE
Two-way transmission to SS7 FGD two-way		
• Per first trunk in a SS7 trunk group		
- Interface Groups 1 and 2	NR62U, FN72U	\$155.60
- Interface Group 6	NR62V, FN72V	151.63
- Interface Group 9	NR62W, FN72W	151.63
• Per each additional trunk in a SS7 trunk group		
- Interface Groups 1 and 2	NR62X, FN72X	12.62
- Interface Groups 6	NR62Y, FN72Y	8.65
- Interface Group 9	NR62Z, FN72Z	8.65
3. FGD Service with SS7 Out of Band Signaling to FGD Service with SS7 Out of Band Signaling and Clear Channel Capability		
	USOC	NONRECURRING CHARGE
• Per first trunk		
- Interface Group 6	NR6RT, FN7RT	\$204.64
- Interface Group 9	NR6RU, FN7RU	203.23
• Per each additional trunk		
- Interface Group 6	NR6RV, FN7RV	22.85
- Interface Group 9	NR6RW, FN7RW	21.65

6. OPTIONAL ACCESS SERVICES

6.4 PROVISION AND DESCRIPTION OF SERVICE (CONT'D)

6.4.4 CLEAR CHANNEL CAPABILITY

A. General Description

Clear Channel Capability (CCC) is the ability to send any combination of ones (marks) and zeros (spaces) in the 192 information bits of each frame. This permits 24 DSO-64 kbps services or 1.536 Mbps of customer information on the 1.544 Mbps line rate.

Bipolar Eight Zero Substitution (B8ZS) line code conformity is required. The B8ZS line code is described in Technical Reference PUB GR-334-CORE.

CCC is available on FGD Service when the trunkside service is equipped with SS7 Out of Band Signaling and Interface Group 6 or 9 on separate trunk(s) in suitably equipped digital Company end offices or access tandems. CCC shall be utilized in conjunction with 800 DB Access Service for transmission of 8XX data traffic where available.

CCC equipped trunkside service requires a specific traffic type (i.e., CCC Originating and/or CCC Terminating) as set forth in 6.1.1 of the Access Service Price Schedule.

B. Transmission Specifications

Transmission specifications and error performance parameters for DS1 level digital transmission on FGD Service equipped with Clear Channel Capability are delineated in Technical Reference PUB GR-334-CORE.

C. Application of Rates and Charges For Clear Channel Capability (CCC)

These rates and charges are in addition to the rates and charges for the rate categories described in 6.1.2 of the Access Service Price Schedule, which are applicable to Switched Access Service. The description and application of rates and charges for Clear Channel Capability are set forth below:

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6.4 PROVISION AND DESCRIPTION OF SERVICE

6.4.4 CLEAR CHANNEL CAPABILITY

C. Application of Rates and Charges For Clear Channel Capability (CCC) (Cont'd)

When Clear Channel Capability (CCC) is ordered and installed coincident with the initial installation of FGD Service, a CCC nonrecurring charge applies per trunk group in addition to the initial installation charge(s) for FGD Service.

The removal of the CCC arrangement from existing trunkside service will be treated as a discontinuance of the existing service and installation of new service. All associated nonrecurring installation charges will apply for the new service. A new minimum period will be established for the new service.

	USOC	NONRECURRING CHARGE
• Clear Channel Capability (available with FGD), per Trunk Group	NR4CA	\$25.00

6. OPTIONAL ACCESS SERVICES

6.4 PROVISION AND DESCRIPTION OF SERVICE (CONT'D)

6.4.5 MULTIPLE POTs TANDEM SECTORIZATION (MPTS)

A. General Description

Multiple POTs Tandem Sectorization is an optional feature designed to meet the traffic routing requirements of customers whose Feature Group C and D originating Switched Access Services are routed through an access tandem to multiple customer points of termination (POTs).

MPTS is available in connection with originating Feature Group C and D Services. MPTS allows originating Feature Group C and D traffic to be directed via an access tandem to a specific POT designated by the customer. MPTS permits customers with multiple customer POTs within a tandem serving area to balance the call volume within their respective networks. MPTS may be used in conjunction with the Common Switching Optional Feature Service Class Routing (e.g., 8XX, 900 or Operator), as specified in 6.3.1 of the Access Service Price Schedule, with the exception of *SWITCHNET 56*.

End offices subtending the tandem serving area will be divided into sectors, referred to as Feature Group C and D Tandem Sectors, which will be defined by the Company. Each Tandem Sector must be treated as a unit and cannot be subdivided. Tandem Sectors are standard for all customers who purchase MPTS. MPTS must be ordered to every sector of an access tandem. A customer with multiple customer premises POTs within the tandem serving area can designate to which POT the traffic from a specific Tandem Sector will be routed. For example, a customer with multiple customer POTs can request that all originating calls from a Tandem Sector be directed to a single POT. In addition, originating traffic from a different Tandem Sector could be routed to the same POT or a different POT as designated by the customer.

Tandem routed traffic can be delivered to a minimum number of two POTs and a maximum number of POTs that is less than or equal to the number of Tandem Sectors defined for a particular Tandem. The end offices associated with the Tandem Sectors can be found in the Qwest Corporation Tandem Sectorization Guide.

6. OPTIONAL ACCESS SERVICES

6.4 PROVISION AND DESCRIPTION OF SERVICE

6.4.5 MULTIPLE POTs TANDEM SECTORIZATION (MPTS)

A. General Description (Cont'd)

The Company shall not be required to route traffic from a Tandem Sector to more than one POT unless the customer has the optional feature, Service Class Routing as described in 6.3.1 of the Access Service Price Schedule, in addition to MPTS. Tandem routed traffic with Service Class Routing can be delivered by traffic type to a minimum number of one POT and a maximum number of POTs that is less than or equal to the number of Tandem Sectors defined for a particular tandem. A maximum number of four (4) trunk groups with mixed traffic types in accordance with the Service Class Routing specifications is allowed for each designated Tandem Sector. Each traffic type (e.g., 8XX, 900 or Operator) within a Tandem Sector can be designated to the same POT or different POTs. A customer with multiple POTs must direct all originating calls from a Tandem Sector to a single POT by traffic type.

MPTS in conjunction with Service Class Routing - A customer may designate one to four POTs per traffic type. For example, when MPTS is ordered for a specific tandem, it is possible to route all of a particular traffic type (e.g., 8XX or Operator) to only one POT subtending that tandem, as long as other traffic type(s) comply to the stated MPTS guidelines of directing traffic to multiple POTs within a tandem serving area as referred to in 6.3.1 of the Access Service Price Schedule.

MPTS in conjunction with Alternate Traffic Routing - If a customer wants a direct trunk group from an end office to alternate route to a tandem routed trunk group subtending the same end office, the customer can designate the direct routed traffic sent to any POT, but the tandem routed trunk group must be routed to the customer designated POT that is specified for the Tandem Sector as referred to in 6.3.1 of the Access Service Price Schedule.

B. Report Requirements

1. Jurisdictional Reports

When a customer orders Access Services for both interstate and intrastate use, the customer is responsible for providing jurisdictional reports as set forth in Section 2, preceding. Charges will be apportioned in accordance with those reports. The method to be used for determining the intrastate charges is set forth in Section 2, preceding.

6. OPTIONAL ACCESS SERVICES

6.4 PROVISION AND DESCRIPTION OF SERVICE

6.4.5 MULTIPLE POTs TANDEM SECTORIZATION (MPTS)

B. Report Requirements (Cont'd)

2. MPTS Tandem Sectorization Reports

When ordering MPTS, the customer must report the customer designated POTs for all subtending end offices served by an access tandem. The report shall be provided at the same time the Access Order is placed.

C. Application of Rates and Charges for Multiple POTs Tandem Sectorization (MPTS)

These rates and charges are in addition to the rates and charges for the rate categories described in 6.1.2 of the Access Service Price Schedule, which are applicable to Switched Access Service. The description and application of rates and charges for MPTS are set forth below:

1. The MPTS ASR charge applies when a customer is ordering MPTS without associated trunk activity on the same order. This charge applies whether the order is to initially add sectors or make rearrangements to an existing sector(s). Trunk activity includes installing new trunks, adding additional trunks, rearranging existing trunks or removing trunks. This charge is in addition to the MPTS establishment charge (without associated trunk activity) and the MPTS rearrangement charge (without associated trunk activity).
2. The MPTS establishment charge (without associated trunk activity) applies when a customer orders MPTS service without associated trunk activity on the same order. The MPTS establishment charge (with associated trunk activity) applies when a customer orders MPTS service with associated trunk activity on the same order.
3. The MPTS rearrangement charge (without associated trunk activity) applies when a customer orders rearrangements to established MPTS service without associated trunk activity on the same order. The MPTS rearrangement charge (with associated trunk activity) applies when a customer orders rearrangements to established MPTS service with associated trunk activity on the same order.

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6.4 PROVISION AND DESCRIPTION OF SERVICE
6.4.5 MULTIPLE POTS TANDEM SECTORIZATION (MPTS)
C.3. (Cont'd)

	USOC	NONRECURRING CHARGE
• MPTS ASR (without associated trunk activity), per ASR	NR6TA, FN7TA	\$ 48.71
• MPTS Establishment (without associated trunk activity)		
- Per FGC sector	NR6TF, FN7TF	323.25
- Per FGD sector	NR6TB, FN7TB	188.86
• MPTS Establishment (with associated trunk activity)		
- Per FGC sector	NR6TG, FN7TG	323.25
- Per FGD sector	NR6TC, FN7TC	188.86
• MPTS Rearrangement (without associated trunk activity)		
- Per FGC sector	NR6TH, FN7TH	47.25
- Per FGD sector	NR6TD, FN7TD	32.55
• MPTS Rearrangement (with associated trunk activity)		
- Per FGC sector	NR6TJ, FN7TJ	47.25
- Per FGD sector	NR6TE, FN7TE	32.55

6. OPTIONAL SERVICE

6.4 PROVISION AND DESCRIPTION OF SERVICE (CONT'D)

6.4.6 SWITCHNET 56 SERVICE SWITCHING CAPABILITY

A. General Description

This option allows for a connection between the customer's premises and a suitably equipped end user's premises, utilizing end office and/or access tandem switching capable of transmitting 56 kbps digital data. SWITCHNET 56 Service is available in conjunction with Feature Group D from suitably equipped electronic end offices and/or access tandems. When SWITCHNET 56 Service is ordered in conjunction with FGD, it requires the use of a separate trunk group equipped with Interface Group 6. SWITCHNET 56 is not available with SS7 Out of Band Signaling.

B. Application of Rates and Charges For SWITCHNET 56 Service

These rates and charges are in addition to the rates and charges for the rate categories described in 6.1.2 of the Access Service Price Schedule, which are applicable to Switched Access Service. The description and application of rates and charges for MPTS are set forth below:

	RATE
SWITCHNET 56 Service (available with FGD from suitably equipped end offices.)	—