

BCM ONE, INC.
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COMMON CARRIER SERVICES

Service Descriptions

3.0 Service Descriptions

3.1 General

BCM Services consist of any of the services described herein for which a rate is stated in Section 5 and/or 6. Services may be provided either individually or in combination. Each service is offered independently. Service is offered via the Company's facilities for the transmission of one-way and two-way communications, unless otherwise noted.

3.2 Digital Transmission Service

Dedicated, private line digital channels over the Company's network are furnished for full-duplex transmission of digital signals at operating speeds of 44.736 Mbps, 6.312 Mbps, 1.544 Mbps, 64 kbps, 56 kbps, 19.2 kbps, 9.6 kbps, 4.8 kbps, and 2.4 kbps. Additionally, service is offered in multiples of 56 or 64 kbps (up to a total of 1544 kbps).

3.2.1 Type I Channels

Type I digital channels are provided where both endpoints of a channel are served by the Company. Type I Channels are offered at 44.736 Mbps, 6.312 Mbps, 1.544 Mbps, and DS0.

3.2.2 Type II Channels

Type II digital channels are provided where at least one endpoint of a channel is served by an entity with whom the Company's Services are interconnected; such channels are provided via a combination of the Company's facilities and the facilities of the interconnected entity. Channels where both endpoints are served by an interconnected entity's network will be provided at the Company's sole discretion on an Individual Case Basis (ICB). Type II Channels are provided at 44.736 or 1.544 Mbps, as well as at DS0.

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3.2.3 DS3 Service

DS3 service is a Digital Transmission Service operating at 44.736 Mbps. Interconnections to such channels and equipment interfacing to such channels shall meet the following technical characteristics:

Line Rate:	44.736 Mbps +/- 20 ppm
Line Code:	Bipolar with three-zero substitution
Test Load:	75 ohms resistive +/- 5 percent
Power Levels:	For an all-ones transmitted pattern, the power in a 2 KHz band about 22.368 KHz shall be -1.8 to +5.7 dBm and the power in a 2 KHz band about 44.736 Mhz shall be at least 20 Db below that in a 2 KHz band about 22.368 KHz. NOTE: The power levels specified by CCITT Recommendation G.703 are identical except that the power is to be measured in 3 KHz bands.

Digital channels at 44.736 Mbps will be provided in one of the following three configurations, as specified by the Customer:

Clear Channel DS3: A DS3 signal that is transmitted intact and transparently as provided at the Customer interface. No performance monitoring is performed since all 44.736 Mbps are considered Customer data or voice.

M13 Framed DS3: A DS3 that is channelized into 28 DS1 (1.544 Mbps) signals and includes a predefined standard multiplexing scheme as defined in ANSI T1.107a. The M13 DS3 contains parity bits which can be monitored to offer an approximate measure of performance. A total of 43.232 Mbps is available for Customer data (or voice), the remainder being used for framing, synchronization, parity, etc.

C-bit Parity Framed DS3: A DS3 that can be used for subrated or non-subrated DS3 signals. This allows DS3 signal monitoring for end-to-end performance measurement on an in-service basis, transmitted on the maintenance data communications channel. The C-bit parity format is defined in ANSI T1.107a. 43.232 Mbps is available for Customer data (or voice), the remainder being used for framing, synchronization, parity, etc.

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3.2.4 DS1 Service

DS1 service is a Digital Transmission Service furnished by the Company at 1.544 Mbps. DS1 services are provided as either a "Basic DS1 Service" consisting of a point-to-point digital channel provided at 1.544 Mbps, or as a "Fanout DS1 Service" which allows a Customer to aggregate up to 28 DS1 channels that terminate in the same location into a single DS3 Local Distribution Channel.

Interconnections to DS1 channels and equipment interfacing to such channels shall meet the following technical characteristics:

Line Rate:	1.544 Mbps + 130 ppm [NOTE: The CCITT specification for Line Rate is + 50 ppm.]
Line Code:	For AMI: bipolar with at least 12.5% average
Test Load:	100 ohms resistance.
Pulse Shape:	The pulse amplitude shall be between 2.4 and 3.6 volts.
Power Levels:	For an all-ones transmitted pattern, the power in a 2 KHz band, about 772 KHz shall be 12.4-18.0 dBm, and the power in a 2 KHz band about 1544 KHz shall be at least 29 dB below that in a 2 KHz band about 771 KHz. [NOTES: (1) Recommended for new equipment: The power in a 2 KHz band about 772 KHz shall be 12.6-17.9 dBm. CCITT requirements: The power in a 3 KHz band about 772 KHz is 12.0-19.0 dBm. (2) CCITT requirements: The power in a 3 KHz band about 1544 KHz shall be at least 25 dB below that in a 3 KHz band about 772 KHz.
Pulse Imbalance:	There shall be less than 0.5 dB difference between the total power of the positive pulses and the negative pulses.

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Digital channels at 1.544 Mbps will be provided in one of the following configurations, as specified by the Customer:

Unframed DS1: A DS1 signal that does not follow standard framing formats of 192 bits for data and a 193rd bit for framing. An unframed DS1 cannot be synchronized to the network and is not performance monitored.

D4/SF DS1: A framed DS1 consisting of 12 frames (2316 bits) of 192 bits preceded by one framing bit (F bit). This service can be coded as AMI or B8ZS.

ESF DS1: Extends superframe structure from 12 to 24 frames (4632 bits) and redefines the 8 kbps pattern into 2 kbps for mainframe and robbed-bit signaling synchronization, 2 kbps for CRC-6 and 4 kbps for terminal-to-terminal data link. This service can be coded as AMI or B8ZS.

Fanout DS1 Service: Fanout DS1 Service allows a customer to aggregate up to 28 DS1 digital channels which terminate at the same location into a single DS3 Local Distribution Channel. DS1 and DS3 channels provided as a part of a Fanout DS1 Service shall meet the technical specifications prescribed herein.

3.2.5 DS0 Service

DS0 service is a Digital Transmission Service furnished by the Company at transmission speeds of 2.4 kbps, 4.8 kbps, 9.6 kbps, 19.2 kbps, 56 kbps, 64 kbps, or in multiples of 56 kbps or 64 kbps up to a total of 1.544 Mbps. Such channels will be configured by the Company to transmit digital data at specified data rates or analog signals converted to digital signals, as described below. DS0 services are provided as either a "Basic DS1 Service" consisting of a point-to-point digital channel, or as a "Fanout DS0 Service" which allows a Customer to aggregate up to 24 DS0 channels that terminate in the same location into a single DS1 Local Distribution Channel.

Interconnections to such channels and equipment interfacing to such channels shall meet the technical characteristics described below in connection with each service configuration. The NCI Codes referenced below are defined in Bell Communications Research (Bellcore) publication TR-NPL-000335. Each DS0 channel will be provided in one of the following configurations, as specified by the Customer.

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3.2.5.1 Effective 2-Wire DS0 Service

This provides a digital transmission channel capable of normally carrying, among other information, the digitized representation of human speech. At the Company's point of interconnection with the User, the service will have the technical characteristics of a standard 2-wire analog telephone circuit. Specific configurations are as follows:

1. Private Line Manual Ringdown: 2 wire, 600 ohm or 900 ohm, Loop Start with industry standard demarcation (NCI Code: 02AC2, 02AC3). Provides a circuit connecting two specific locations, where signaling (i.e., ringing current) is provided externally by the Customer. A transmission can be originated from either end. Ringing at 20 Hz will be at industry-standard voltage and current.
2. Private Line Automatic Ringdown (PLAR): 2 wire, 600 ohm, Loop Start with industry standard demarcation (NCI Code: 02LR2). Provides a circuit connecting two specific locations, where signaling (ringing) is automatically generated by the Company upon off hook (transmission origination). Either end can originate the signal. Ringing at 20 Hz will be at industry-standard voltage and current.
3. OPX/Tie Line/FX/Tie Trunk Private Lines(OPX): 2 wire, 600 ohm or 900 ohm, Loop Start, Ground Start, or E+M, with industry standard demarcation (Possible NCI Codes: 02LS2, 02LS3, 02GS2, 02GS3, 02LO2, 02GO2, 04EA2-M, 04EA2-E, 06EB2-M, 06EB2-E). The circuit will be transparent to OPX signaling (e.g., DP or MF dialing, ringing).
4. 2-Wire Transmission Only: 2 wire, 600 ohm, open loop (continuously connected) with industry standard demarcation (NCI Code: 02NO2). C4 conditioned circuit connecting two locations, typically used for voice-grade data services.

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3.2.5.2 Effective 4-Wire DS0 Service

This provides a digital transmission channel capable of normally carrying, among other information, the digitized representation of human speech and duplex transmission of data converted to analog signals. At the Company's point of interconnection with the User, the service will have the technical characteristics of a standard 4-wire data-conditioned telephone circuit. Specific configurations are as follows:

1. 4-wire Transmission Only: 4 wire, 600 ohm, open loop (continuously connected) with industry standard demarcation, C4/D1 conditioned circuit, with separate transmit and receive wire pairs. (NCI Codes: 04N02, 04DA2.)
2. 4-Wire Tie Line/Tie Trunk Private Lines: 4-wire talk path, 600 ohm, with industry standard demarcation. Additional leads for signaling, supporting Type I, II, and III E+M or reverse E+M. (NCI Codes: 06EA2-M, 06EA2-E, 08EB2-M, 08EB2-E, and 08EC2.)

3.2.5.3 Digital DS0 Service

This provides a digital transmission channel capable of normally carrying synchronous digital data signals. The following service configurations are available:

Low Speed DS0 Data Service provides a point-to-point, DDS-compatible full-duplex synchronous circuit operating at 2.4 Kbps, 4.8 Kbps, 9.6, or 19.2 Kbps, with error correction. Supports all DDS control codes. Secondary channel is supported. (Possible NCI Codes: 04DU5-24, 04DU5-48, 04DU5-96, 04DU5-19).

56 Kbps DS0 Data Service provides a point-to-point, DDS compatible full-duplex synchronous circuit operating at 56 Kbps. No error correction is provided. Supports all DDS

64 Kbps DS0 Data Service provides a point-to-point, 64 Kbps clear channel for a full-duplex synchronous data circuit. No error correction or in-band control codes are supported. (Possible NCI Code: 04DU5-64.)

Fractional DS1 Service provides a point-to-point channel at any speed between 56 Kbps and 1.544 Mbps for full-duplex synchronous data transmission, provided that the speed is a multiple of 56 or 64 Kbps. (NCI Code format: 04DU5-xx).

Fanout DS0 Service allows a customer to aggregate up to 24 DS0 channels that terminate in the same location into a single DS1 Local Distribution Channel.

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3.4 BCMLINK Services

BCMLINK Services provide dedicated high speed connections between a Customer's multiple local area network (LAN) locations. BCMLINK Services provide native LAN speed transmission links for large bandwidth applications such as file transfers, disk shadowing, imaging, cooperative processing, and disaster recovery.

3.4.1 BCMLINK Token Ring™ Connections

This service is provided for Customers who require Token Ring™ connectivity at native speeds, 4 or 16 Mbps. The end points will appear as an IEEE 802.5 Token Ring™ repeater. The service can be used either in a point-to-point configuration or in a multipoint ring configuration, pursuant to the following technical characteristics:

Data Rate:	4 Mbps or 16 Mbps
Connector:	Female DB-9
Format/Protocol:	Token Ring™
Signaling:	IEEE 802.5
Device Types supported:	Token Ring Compatible Hardware
Maximum distance from MUX to MAU/Device:	300 feet (100 meters) with Type 1 cabling

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3.4.2 BCMLINK Ethernet™ Connections

This service is provided for Customers who require Ethernet™ connectivity at native 10 Mbps speeds. The end points will appear as IEEE 802.3 transparent bridges. The service can be used either in a point-to-point configuration or in a multipoint ring configuration, pursuant to the following technical characteristics:

Ethernet™ interface:	802.3 10Base5
Connector:	Female DB-15 (10Base5) AUI
Address filter/ Filter type:	MAC layer source and destination address, self learning with aging timer
Filter rate:	14,880 packets per second; segment to Mux (one way)
Filter table:	2,048 entries
Aging Timer:	No aging, 3, 6, or 9 minutes
Multiplexing rate: Forwarding rate:	4.7 Mbps or 9.4 Mbps (Switch selectable) 11,057 packets per second, segment to segment, at 9.4 Mbps
Internal data buffer size:	32 Kbytes data RAM storage, in each direction, plus 4 Kbytes of data FIFO in each direction.
Redundancy:	Supports redundant bridge module. Standby module monitors and learns filter table while in Standby mode, but has to be brought on line by the Company.
Filter function bypass:	Address filter function can be bypassed, causing the module to act as a buffered repeater.
Loopback feature:	Packets received from the Ethernet segment can be looped back for testing purposes both locally and remotely by the Company.
Packet Latency:	280 microsec (2 nodes, 60 byte packets) to 16 msec (8 nodes, 1514 byte packets)
Maximum distance from Mux to segment:	164 feet (50 meters) with an 802.3 transceiver cable

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3.5 OmniLink

OmniLink is designed to meet customer requirements for network reliability and survivability for high capacity services at multiple customer-designated locations served by the same BCM network. It will immediately detect service affecting problems (e.g. cable cuts, high error rates) and reconfigure service around the point of failure to ensure a near continuous flow of information between locations on the Omnilink network. The OmniLink service is subject to facility availability. Where facilities are not available, OmniLink may be provided on an Individual Case Basis (ICB).

OmniLink provides local OC-3 and OC-12 SONET rings between multiple customer designated premises and BCM's nodes. Connections to the nodes are provided over standard DS1 and DS3 interfaces. This service will have the capacity to transport 3 DS3s (155.52 Mbps) and 12 DS3s (622.08 Mbps).

Within the 3 DS3 or 12 DS3 capacity, the Customer may order a combination of DS1 and DS3 interfaces. The interface at the Customer premises will conform to standard ANSI DS3 interface (44.736 Mbps) specifications and/or standard ANSI DS1 interface (1.544 Mbps) specifications. OC-3, OC-12 and STS-1 interfaces are available on an Individual Case Basis.

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3.5.1 **OC-3 Capacity**

DS1s and/or DS3s may be ordered not to exceed OC-3 capacity per the following table. The configuration of DS1s and DS3s is dependent on the capacity of the BCM transmission equipment located at the Customer's location.

<u>Interface Combinations</u>		
<u>DS1</u>		<u>DS3</u>
0	and	0-3
0-28	and	0-2
0-56	and	0-1
0-84	and	0

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3.5.2 **OC-12 Capacity**

DS1s and/or DS3s may be ordered not to exceed OC-12 capacity as shown in the following table. The configuration of DS1s and DS3s is dependent on the capacity of the BCM's equipment located on the Customer's premises.

<u>Interface Combinations</u>		
<u>DS1</u>		<u>DS3</u>
0	and	0-12
0-28	and	0-11
0-56	and	0-10
0-84	and	0-9
0-112	and	0-8
0-140	and	0-7
0-168	and	0-6
0-196	and	0-5
0-224	and	0-4
0-252	and	0-3
0-280	and	0-2
0-308	and	0-1
0-336	and	0

The following rates elements apply to OmniLink service:

BCM Hub Node - This monthly recurring element provides for Add/Drop multiplexing equipment located at the BCM Node. This element is rated at either a 3 DS3 or 12 DS3 capacity level.

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One BCM Hub Node rate applies for each BCM Hub located on the SONET network. The Customer shall designate the number of Hub Nodes; however, there must be at least one BCM Hub Node and two Customer Premise Nodes on each Omnilink network.

BCM Node Port - This monthly recurring element provides for the DS1 and/or DS3 channelization that must take place at each BCM Hub Node on the SONET network. A monthly recurring rate and/or a nonrecurring charge will apply only where a DS1 or DS3 network facility originates or terminates. Rates for BCM DS1 and DS3 network facilities are listed in section 6.

Other Node - This monthly recurring rate provides for Add/Drop multiplexing capability at other locations. The rate is comprised of either a 3 DS3 or 12 DS3 capacity and is applied at each other node on the OmniLink Network.

Other Port - The Other Port monthly recurring rate element provides for the DS1 and DS3 channelization that must take place at each Other Node. The rate is applied on a per port basis with the number of ports determined by the number of DS1 and/or DS3 interfaces ordered by the Customer. If a DS3 to DS1 connection is required, it may be provided by the Customer or through multiplexing provided by BCM at rates listed in section 6.

Transport Mileage - This monthly recurring rate element provides for the transmission facilities between all directly connected Nodes (BCM and Customer) on the SONET network. The charge is applied per mile and is based on total ring capacity (OC-3 or OC-12).

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3.6 DS2 Service (6.312 Mbps)

The Service provides digital channels operating at 6.312 Mbps. Interconnections to such channels and equipment interfacing to such channels shall meet the following technical characteristics:

Line Rate:	6.312 Mbps +/- 33 ppm
Line Code:	B6ZS
Electrical Interface:	One balanced twisted shielded pair with 110 ohms +/- 5%
Pulse Shape:	For all-ones data, the pulse amplitude shall be between 0.55 and 1.3 volts peak.
Power Level:	For an all-ones signal, the power in a band no wider than 3 KHz centered at 3.156 MHz shall be between 0.2 and 7.3 dBm. The power in a band no wider than 3 KHz centered at 6.312 MHz shall be at least 20 dB below that at 3.156 MHz.
Pulse Imbalance:	The ratio of amplitudes of positive and negative isolated pulses shall be between 0.90 and 1.10.

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3.7 DS1E Service

E1 Service: Provides European standard digital service, operating at 2.048 Mbps.

3.8 Corridor Telecommunications Service (CTS)

3.8.1 CTS New York-New Jersey

CTS New York-New Jersey provides Customers with the ability to originate interstate telephone calls in selected areas in the State of New York and terminate them in selected areas in the State of New Jersey. CTS New York-New Jersey also provides a corresponding capability to originate interstate telephone calls in selected areas in the State of New Jersey and terminate them in selected areas in the State of New York. Calls may be originated and terminated within the Counties and area codes of Westchester (914), Nassau (516) and Suffolk (516) in New York, and the City of New York (212/718). Calls may be originated and terminated within the Counties and area codes of Essex (201), Hudson (201), Bergen (201), Union (908) and Passaic (201) in New Jersey. Originating service requires the Customer to obtain a Digital Transmission Service connecting its premises to a Company switching facility. CTS also provides access to Operator Services, Busy Line Verification/ Interrupt, and NXX 540, 970 and 976 services.

3.8.2 CTS New York-Connecticut

CTS New York-Connecticut provides Customers with the ability to originate interstate telephone calls in selected areas in the State of New York and terminate them in selected areas in the State of Connecticut. CTS New York-Connecticut also provides a corresponding capability to originate interstate telephone calls in selected areas in the State of Connecticut and terminate them in selected areas in the State of New York. Calls may be originated and terminated within the Counties and area codes of Westchester (914), Nassau (516) and Suffolk (516) in New York, and the City of New York (212/718). Calls may be originated and terminated within the area codes of 203 and 860 in Connecticut. Originating service requires the Customer to obtain a Digital Transmission Service connecting its premises to a Company switching facility. CTS also provides access to Operator Services, Busy Line Verification/ Interrupt, and NXX 540, 970 and 976 services.

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3.9 Call Completion Service

3.9.1 General

Call Completion Service provides for the capability of originating and terminating interstate long distance calls to and from an end user's premises to a customer's facilities via BCM's switch. Transport between BCM's switch and the Customer's premises is provided via Digital Transmission Services as specified in Section 3.2 preceding.

3.9.2 Call Completion Service Arrangement

Call Completion is provided as a trunkside connection, Feature Group D (FGD), to BCM's switches with an associated 10XXX access code for the Customer's use in originating and terminating communications.

3.9.3 Manner of Provisioning

Call Completion Service is provided as FGD at the DS1 level using D3/D4 format on a per trunk basis and is differentiated by type and directionality of transmission. The originating traffic type represents capacity for carrying traffic from the end user to the Customer. The terminating traffic represents capacity for carrying traffic from the Customer to the end user. All traffic must be associated with customer-provided Carrier Identification Code (CIC).

An out-of-band signaling connection (Common Channel Signaling Access Services Port) is required in conjunction with FGD service equipped with out-of-band signaling. Out-of-band signaling allows the Customer to pass call set-up information utilizing Signaling System 7 (SS7) protocol over a path separate from the message path. This connection is provided at the DS0 level and provides the interconnection between BCM's Signal Transfer Point (STP) and the Customer's Signaling Point of Interconnection (SPOI).

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3.9.4 Provisioning and Description of FGD

FGD is provided as trunk and MF-Pulsing side switching and may be provided with wink start signals and answer and disconnect supervisory signaling. The Customer may also specify out-of-band signaling.

FGD switching is provided with multifrequency address or 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) will be delivered by BCM to the Customer's premises where Call Completion Service terminates. Address signals are subject to the ordinary transmission capabilities of the Digital Transmission Service provided.

Calls in the terminating direction will not be completed to 950-XXXX access codes, local operator assistance (0- and 0+), Directory Assistance (411 or 555-1212), service codes 611 and 911, or 10XXX access codes.

The access code for FGD switching is a uniform access code of the form 10XXX. The Customer's access code will be the assigned number of all FGD access provided to the Customer by BCM. No access code is required for calls to a Customer over FGD facilities if the end user's service is arranged for presubscription.

Where no access code is required, the number dialed by the Customer's end user shall be a seven or ten digit number for calls in the North America Numbering Plan (NANP), except for 00- dialed calls which are routed to the predesignated customer. For international calls outside the NANP, a seven to twelve digit number may be dialed. The form of the numbers dialed by the Customer's end user is NXX-XXXX, 0 or 1 + NXX XXXX, NPA + NXX-XXXX, 0 or 1 + NPA + NXX-XXXX, and where the BCM switch is equipped for International Direct Distance Dialing (IDDD), 01 + CC + NN or 011 + CC +NN.

When the 10XXX access code is used, FGD switching also provides for dialing the digit 0 for access to the Customer's operator, 911 for access to the LEC's emergency reporting service, or the end-of-dialing digit (#) for cut-through access to the Customer's premises.

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Optional features available with FGD are:

- (a) Automatic Number Identification (ANI). This option provides the automatic transmission of a ten digit number and information digits to the Customer's premises for originating calls to identify the calling station. The ANI feature is an end office software function which is associated on a call-by-call basis with all individual transmission paths in a trunk group. When out-of-band signaling is specified, the Customer may obtain an ANI equivalent by ordering the Charge Number optional feature as specified in (d) following. The ten-digit ANI telephone number will be transmitted on all calls except those identified as multiparty line or ANI failure, in which case only the NPA will be transmitted (in addition to the information digit described following).

The information digits identify: (1) the telephone number if it is the station billing number (no special treatment is required), (2) that the telephone number is on a multiparty line and can not be identified (the number must be obtained via an operator or in some other manner), (3) that ANI failure has occurred in the end office switch which prevents identification of calling telephone number (the number must be obtained via an operator or in some other manner), (4) hotel/motel originated calls which require room number identification, (5) coinless station, hospital, inmate, etc. calls which require special screening or handling by the Customer, and (6) that the call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment. The ANI telephone number is the listed telephone number of the Customer and is not the telephone number of the calling party, and (7) Public Payphones.

- (b) Calling Party Number (CPN) [Where permitted]. This option provides for the automatic transmission of the calling party's ten digit telephone number to the Customer's premises. The ten-digit telephone number consists of the NPA plus the seven-digit telephone number, which may or may not be the same as the calling station's charge number. The protocol for CPN is contained in Technical Reference TR-TSV-000905. This feature is only available when out-of-band signaling is specified.

BCM will transmit a "privacy indicator" as part of the CPN information in those locations where end users may elect not to have their CPN information passed to the called party, and where the end user has taken the necessary actions to ensure that their CPN is so blocked.

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- (c) Charge Number (CN). This option provides for the automatic transmission of the ten-digit billing number of the calling station number and originating line information. The protocol for CN is contained in Technical Reference TR-TSV-000905. This feature is only available when out-of-band signaling is specified.
- (d) Carrier Selection Parameter (CSP). This option provides for the automatic transmission of a signal which informs the Customer whether the call being processed originated from a presubscribed end user of that customer. The protocol for CSP is contained in Technical Reference TR-TSV-000905. This feature is only available when out-of-band signaling is specified.
- (e) 800 Data Base Access Service. 800 Data Base Access Service is an originating-only trunk side service. When an 8XX+NXX+XXXX call is originated by an end user, BCM will perform customer identification based on screening the full ten-digits of the 8XX number to determine the location to which the call is to be routed.

800 Data Base Access Service calls will be delivered to the Customer directly from a BCM end office only when the end office is equipped with 800 Data Base Query functionality, i.e., the ability to query the 800 Data Base to perform ten-digit customer identification. When the end office does not have 800 Data Base query functionality, 8XX calls will be blocked.

Call Completion rates and charges apply to 800 Data Base Access Services calls originated from BCM end offices. In addition to Call Completion usage charges, a basic query charge applies to each 800 Data Base Access service call delivered to the Customer. A basic query charge consists of customer identification, i.e., Carrier Identification Number (CIC), delivery of the ten-digit number, ANI, and the allowable area of service, designated by the Customer, from which 8XX calls can be received.

- (f) Common Channel Signaling Access Service (CCSAS). This option allows the Customer to exchange signaling information for FGD call set up over a communications path which is separate from the message path. This service includes a dedicated 56 Kbps out-of-band signaling connection between the Customer's SPOI and the Company's STP. CCSAS is provisioned for two-way transmission of out-of-band signaling information.

Each CCSAS Signaling Connection provides for two-way digital transmission at a speed of 56 Kbps. The connection to the STP pair can be made from either the Customer's Signaling Point (SP) which requires a minimum of two 56 Kbps circuits or from the Customer's STP pair which requires a minimum of four 56 Kbps circuits. STP locations are set forth in the NATIONAL EXCHANGE CARRIER ASSOCIATION, INC. TARIFF F.C.C. NO. 4.

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3.9.5 Presubscription

- (A) Presubscription is an arrangement whereby an end user may designate to the Company an interexchange carrier (IC) for completion of interstate InterLATA calls without dialing an access code. The IC is referred to as the end user's Primary Interexchange Carrier (PIC). The end user may select any IC that provides originating FGD Switched Access Service either to the Company's end office or to an authorized LEC's tandem that subtends the Company's end office.
- (B) New end users who are served by offices equipped with FGD will be asked to presubscribe to an IC at the time they place an order with the Company for Exchange Access Service. They may select either of the following options. There is no additional charge for the initial selection.
- Designate an IC as a PIC and dial 10XXX to access other IC's.
 - Designate that they do not want to be presubscribed to any IC (no PIC) and choose to dial 10XXX for all interLATA calls.

3.9.6 900 Transport Service

900 Transport Service is an originating service utilizing trunkside Switched Access Service which provides a Customer identification function based on the dialed NXX. When a 1+900+NXX-XXXX call is originated by the end user, the Company will determine, based on the NXX dialed, the Customer to which the 900 call is to be routed. In the event the Customer has trunking into a LEC tandem to which a BCM switch subtends, 900 Transport Service will be provided through meet point billing arrangements.

For 900 Transport Service provisioned as Feature Group D, the Customer may establish a separate trunk group or combine 900 traffic with other traffic types.

Measurement of 900 Transport Service usage shall be in accordance with regulations for FGD services. 900 Transport Service originating usage rates shall be measured in the same manner as that specified for FGD, whether provisioned via dedicated trunk group or combined with other traffic types.

Only 1+900 calls originating in a LATA in which the Customer has indicated acceptance of 1+900 traffic through an ASR will be completed.

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3.10 Special Construction

Special Construction or arrangement of facilities may be undertaken on a reasonable efforts basis at the request of the Customer, and upon a determination by the Company that such charges should apply in that particular instance. Special Construction is undertaken:

- (A) where facilities are not presently available;
- (B) where service is of a type other than that which the Company would normally utilize in the furnishing of its services;
- (C) where the service is requested over a route other than that which the Company would normally utilize in the furnishing of its services;
- (D) where the service is in a quantity greater than that which the Company would normally utilize in the furnishing of the service;
- (E) where service is requested on an expedited basis;
- (F) where service is requested on a temporary basis until permanent facilities are available;
- (G) where the service requested involves abnormal costs; or
- (H) where service is requested in advance of the Company's normal construction schedule.