ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Optional Features (Cont'd)

6.3.2 Common Switching Optional Features (Cont'd)

(X) Calling Party Number (CPN) Parameter

The CPN parameter, available as a nonchargeable option for originating FGD or BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of the ten digit directory number, associated with a calling station, to the customer's premises for originating calls. The ten digit number consists of the NPA plus the seven digit telephone number which may or may not be the same number as the calling station's charge number. The CPN parameter also includes a "privacy indicator" which allows the ten digit telephone number to be coded as presented or restricted for delivery to the called end user. The technical specifications for CPN are described in Bellcore Technical Reference Publication TR-TSV-000905.

(Y) Carrier Selection Parameter (CSP)

The CSP parameter, available as a nonchargeable option for originating FGD or BSA-D with SS7 Out of Band Signaling, provides for the automatic transmission of a signaling indicator which signifies to the customer whether or not a given call originated from a presubscribed line. If the line was presubscribed, the indicator will signify if the end user did or did not dial 101XXXX. The technical specifications for CSP are described in Bellcore Technical Reference Publication TR-TSV-000905. (C)

(Z) Charge Number (CN) Parameter

The CN parameter, available as a nonchargeable option for originating FGD with SS7 Out of Band Signaling, is equivalent to the existing ten digit Automatic Number Identification (ANI) available with FGD with MF signaling. When BSA-D with SS7 Out of Band Signaling is specified, the customer may order the CN parameter at the rates for ANI-BSE as shown in 6.6. The CN parameter provides for the automatic transmission of the ten digit billing number of the calling station and the originating line information. The technical specifications for CN are described in Bellcore Technical Reference Publication TR-TSV-000905.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Optional Features (Cont'd)

6.3.2 Common Switching Optional Features (Cont'd)

(Z) Charge Number (CN) Parameter (Cont'd)

These information digits shall only be used for billing and collection, routing, screening, and completion of the originating subscriber's call or transaction or for service directly related to the originating subscriber's call or transaction. (N)

The information provided shall not be reused or resold without first notifying the originating telephone subscriber and obtaining affirmative consent of the subscriber for reuse or resale.

Unless the originating subscriber has given consent for the reuse or resale, any information provided shall not be used for any purpose other than:

- performing the services or transactions that are subject of the originating subscriber's call;
- ensuring network performance security, and the effectiveness of call delivery;
- compiling, using and disclosing aggregate information, and,
- complying with applicable laws.

The above restrictions shall not prevent the subscriber to the CN Parameter from using information acquired from a CN Parameter, such as the telephone number or information derived from analysis of the characteristics of calls received through the CN Parameter, to offer a product or service that is directly related to the products or services previously purchased by a customer of the CN Parameter subscriber. (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Optional Features (Cont'd)

6.3.2 Common Switching Optional Features (Cont'd)

(AA) Tandem Switch Signaling

This option allows for the passing of the Carrier Identification Code (CIC) and the OZZ code or circuit code information needed to perform tandem switching functions. The CIC identifies the uniform access code associated with the Switched Access usage for a specific interexchange carrier. The OZZ code identifies the service class routing code of a multifrequency call that indicates the interexchange carrier's trunk group to which the traffic will be routed. The circuit code identifies the service class routing of a SS7 call that indicates the interexchange carrier's trunk group to which the traffic will be routed (e.g., 0+, 0-, 500, 900, etc). This option is only available with FGD and BSA-D Switched Access, 500 SAC Access Service and 900 SAC Access service and can only be provided from equal access end offices. This option is not available from end offices that use alternate technologies to provide equal access capabilities, or from Telephone Company access tandems. (C)

(AB) FGD and BSA-D Switched Access with 950-XXXX Access (C)

FGD and BSA-D Switched Access with 950-XXXX Access is a optional arrangement that provides for the routing of originating calls using a customer's 950-XXXX access code to the customer over the customer's FGD or BSA-D trunks. All such calls will be rated as FGD or BSA-D switched access calls. (C) (C) (C)

This optional arrangement, available where technically feasible in equal access end offices, uses FGD or BSA-D signaling protocols and technical specifications. The 950-XXXX traffic can be routed over FGD or BSA-D trunks combined with the customer's standard FGD or BSA-D traffic directly to the CDL or through a Telephone Company access tandem to the CDL. The customer must be able to differentiate standard FGD or BSA-D calls from 950-XXXX calls delivered over the same FGD or BSA-D trunks. FGD or BSA-D Switched Access with 950-XXXX Access is not available with certain Telephone Company Access tandem switches when the signaling from an end office to the Telephone Company Access tandem is multifrequency address signaling and the signaling from the Telephone Company Access tandem to the CDL is SS7 Out of Band signaling. The customer may not have originating FGD or BSA-D switched access with 950-XXXX access and originating FGB or BSA-B switched access in the same end office utilizing the same 950-XXXX Customer Identification Code. (C) (C) (C) (C) (C) (C) (C) (C) (C)

(This page filed under Transmittal No. 160.)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Optional Features (Cont'd)

6.3.2 Common Switching Optional Features (Cont'd)

(AC) Carrier Identification Parameter (CIP)

Carrier Identification Parameter is available as an optional feature provided in conjunction with originating FGD with SS7 Out of Band Signaling. CIP provides for the transmission of the Carrier Identification Code (CIC) or the access code 101XXXX to the customer with the Initial Address Message (IAM). CIP is available with originating FGD in suitably equipped end offices and access tandems CIP will be populated by a 4-digit CIC at the rates shown in 6.6 35 Application of charges is shown in 6.5.16. (N)

The Telephone Company will make every effort to maintain CIP information, equipment and facilities in a format which facilitates the customer's use of the CIP offering. Changes (i.e., technology, customer account makeup, etc.) can occur affecting such information, however, and the Telephone Company cannot guarantee that the CIP equipment and facilities will be completely capable of processing CIP data at all times. Accordingly, the Telephone Company shall not be liable for any incidental, indirect, special or consequential damages (including lost revenue or profits) of any kind, resulting from inaccuracy of CIP data and/or the inability of its equipment and facilities to process CIP data.

(AD) Flexible Automatic Number Identification (FLEX ANI)

FLEX ANI, available as a nonchargeable option, when ordered in conjunction with the ANI optional feature or the ANI BSE, provides additional values for the ANI Information Indicator (II) digits to identify calls originating from public telephone access service lines for per call compensation. The FLEX ANI option is provided per end office on a Carrier Identification Code (CIC) basis and is available with FGD service or BSA D service at suitably equipped end offices.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Optional Features (Cont'd)

6.3.3 Transport Termination Optional Features

(A) Rotary Dial Station Signaling

This option provides for the transmission of called party address signaling from rotary dial stations to the customer's premises for originating calls. This option is provided in the form of a specific type of Transport Termination. It is available with FGB and BSA-B only on a directly trunked basis. (C)

(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin

This option may be ordered to provide coin, non-coin, or combined coin and non-coin operation. It is available, only with Feature Group C and BSA-C and is provided in electronic end offices and other Telephone Company end offices where equipment is available. It is provided as a trunk type of Transport Termination. (C)

Coin:
This arrangement provides for initial coin return control and routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating coin calls requiring operator assistance to the customer's premises. Because operator assisted coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

The operator assistance coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS or TSPS-like systems, rather than in the customer's manual cord boards.

ACCESS SERVICES

6. Switched Access Service (Cont'd)

6.3 Optional Features (Cont'd)

6.3.3 Transport Termination Optional Features (Cont'd)

(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

Non-Coin:
This arrangement provides for the routing of 0+, 0-, 1+, 01+ or 011+ prefixed originating non-coin calls requiring operator assistance to the customer's premises. Because operator assisted non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

The operator assistance non-coin calling arrangement is also normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's TSPS systems, rather than in the customer's manual cord boards. When so equipped, the ANI feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

Combined Coin and Non-Coin:
This arrangement provides for initial coin return control and routing of 0+, 0-, 1+ or 011+ prefixed originating operator assisted coin and non-coin calls requiring operator assistance to the customer's premises. Because operator assisted coin and non-coin calling traffic is routed over a trunk group dedicated to operator assisted calls, this arrangement is only provided in association with the Service Class Routing option.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.3 Optional Features (Cont'd)

6.3.3 Transport Termination Optional Features (Cont'd)

(B) Operator Trunk - Coin, Non-Coin, or Combined Coin and Non-Coin (Cont'd)

This arrangement is normally ordered by the customer in conjunction with the ANI optional feature, since the preponderance of trunk groups equipped with this arrangement will be terminated in the customer's operator services systems rather than in the customer's manual cord boards. When so equipped, the ANI optional feature provides for the forwarding of information digits which identify that the call has originated from a hotel or motel, and whether room number identification is required, or that special screening is required, e.g., for coinless public stations, dormitory or inmate stations, or other screening arrangements agreed to between the customer and the Telephone Company.

(C) Operator Trunk - Full Feature

This option provides the initial coin return control function to the customer's operator. It is available with FGD and BSA-D and is provided as a trunk type for Transport Termination. This option is not available in conjunction with SS7 Out of Band Signaling. (C)

ACCESS SERVICE

6. Access Service (Cont'd)

6.4 Provision of Switched Access Service

In addition to the obligations of the Telephone Company set forth in 2. preceding, the Telephone Company has certain other obligations pertaining only to the provision of Switched Access Service. These obligations are as follows:

(A) Network Management

The Telephone Company will administer its network to insure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both end users and customers are able to establish connection with little or no delay encountered within the Telephone Company network.

The Telephone Company maintains the right to apply protective controls, (i.e., those actions which selectively cancel the completion of traffic) over any traffic carrier over its network, including that associated with a customer's Switched Access Service. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or customer facilities, natural disasters, mass calling or national security demands. In the event that the protective controls applied by the Telephone Company result in the complete loss of service by the customer, the customer will be granted a Credit Allowance for Service Interruption as set forth in 2.4.4(C) preceding.

(B) Design and Traffic Routing of Switched Access Service (C)

The Telephone Company shall work cooperatively with the customer to design and determine the routing and directionality of Switched Access including the selection of facilities from the first point of switching to the customer's premises. Selection of facilities, equipment and routing of the Switched Access is based on standard engineering methods, facilities and equipment available, Telephone Company traffic routing plans, and the customer's order for service. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Provision of Switched Access Service (Cont'd)

(B) Design and Traffic Routing of Switched Access Service (Cont'd)

The Telephone Company will select the First Point(s) of Switching and routing to be used where traffic is aggregated at a central location. Those Telephone Companies providing equal access in a centralized Telephone Company equal access tandem arrangement are listed in 15.2. Direct-Trunked Transport is not provided to centralized equal access end offices and is not provided to those Telephone Company end offices that are not capable of measuring Switched Access Minutes of Use. (T)

Any customer may request that the facilities used to provide Switched Access Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Avoidance, Diversity, and Cable-Only) are set forth in 11. (T)

(C) Access Tandem Arrangements

Trunk side switched access services may be provided via a Telephone Company access tandem to specific end offices subtending that Telephone Company access tandem. Each subtending end office will be located within the Telephone Company Access Tandem Network as defined by the Telephone Company. Telephone Company access tandem offices are identified in the National Exchange Carrier Association Tariff FCC No. 4. The Telephone Company will provide the description of a Telephone Company Access Tandem Network to a customer upon request. When trunk side access is ordered to a specific Telephone Company access tandem, access will be provided to all the NXXs included in that Telephone Company Access Tandem Network. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Provision of Switched Access Service (Cont'd)

(D) Determination of Number of Transmission Paths and Terminations

For Switched Access Service arrangements the customer must specify the number and type of Entrance Facilities between the customer designated premises and the serving wire center in the order for service.

The Telephone Company will determine the number of Switched Access Service transmission paths to be provided for Tandem-Switched Transport Services, when ordered in busy hour minutes of capacity. A transmission path is a communication path within the frequency bandwidth of approximately 300 to 3000 Hz or a derived communication path of frequency bandwidth of approximately 300 Hz to 3000 Hz provided over a high frequency analog facility or a high speed digital facility between a customer's premises and a Telephone Company location.

The number of transmission paths will be developed using the total busy hour minutes of capacity by type [as described in 5.1.2 (A)(2)] (T) for the end offices for each Switched Access Arrangement ordered from a customer's premises. The total busy hour minutes of capacity by type for the end office will be converted to transmission paths using standard Telephone Company traffic engineering methods. The number of transmission paths provided shall be the number required based on (1) the use of Telephone Company access tandems and end offices (2) (T) the use of end offices only, or (3) the use of Telephone Company access tandems only. (T)

For analog entry switches, a termination will be provided for each transmission path provided. For digital entry switches, an equivalent termination will be provided for each transmission path provided.

(E) Transmission Specifications

Each Switched Access Service transmission path is provided with standard transmission specifications. There are three different standard specifications (Types A, B and C). The standard for a particular transmission path is dependent on the Switched Access Service, the Interface Group and whether the service is directly routed or via a Telephone Company access tandem. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Provision of Switched Access Service (Cont'd)

(E) Transmission Specifications (Cont'd)

The available transmission specifications are set forth in 9 following. Data Transmission Parameters are also provided with each Switched Access Service transmission path. The Telephone Company will, upon notification by the customer that the data parameters are not being met, conduct test independently or in cooperation with the customer, and take any necessary action to insure that the data parameters are met. The transmission performance parameters relate only to the Telephone Company provided portion of the service.

The transmission specifications and diversity requirements for CCS7 Access Service are as described in Bellcore Technical Reference Publication TR-TSV-000905.

(F) Design Layout Report

At the request of the customer, the Telephone Company will provide to the customer the makeup of the facilities and services provided from the customer's premises to the first point of switching. This information will be provided in the form of a Design Layout Report. The Design Layout Reports will be provided to the customer at no charge, and will be reissued or updated whenever these facilities are materially changed.

(G) Testing

(1) Acceptance Testing

Prior to the customers acceptance of Switched Access Service, and at the Customer's request, the Telephone Company will cooperatively test the following parameters as set forth in (a) and (b). Also, when a customer provides a digital to analog conversion in the provision of a Switched Access Service, the customer has the ability to specify either the digital or analog acceptance tests as described in (a) or (b) to be performed by the Telephone Company. In addition to the various tests outlined below which will be included with the installation of service, other additional Cooperative Acceptance Testing and Nonscheduled Testing is available for Switched Access Service as detailed in 8.

(a) When a customer orders FGB, FGC, FGD, BSA-B, BSA-C, BSA-D, 500 Access Service, 800/877/888 Access Service, or 900 Access Service and the Telephone Company provides a digital transmission facility between the Telephone Company serving wire center and the customers designated premise without a digital to analog conversion; the digital acceptance tests performed by the Telephone Company will consist of the following: (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Provision of Switched Access Service (Cont'd)

(G) Testing (Cont'd)

(1) Acceptance Testing (Cont'd)

(a) (Cont'd)

- Bit Error test in each transmission direction
- 1004 Hz test per trunk group per di-group in each transmission direction
- C-notched noise test per trunk group per di-group in each transmission direction
- One operational signaling test per trunk in each transmission direction
- Bit Error test in each transmission direction
- 1004 Hz test per trunk group per di-group in each transmission direction
- C-notched noise test per trunk group per di-group in each transmission direction
- One operational signaling test per trunk in each transmission direction.

If a Telephone Company digital facility is provided in conjunction with a High Capacity Special Access Service, the Telephone Company will furnish, upon the customer's request and where the central office is technically equipped, appropriate equipment to allow the customer to conduct tests to verify the integrity of the facility in lieu of cooperative acceptance testing.

(b) When a customer orders FGB, FGC, FGD, BSA-B, BSA-C, BSA-D, 800 or 888 Switched Access Service, and the Telephone Company provides analog transmission facilities between the Telephone Company serving wire center and the customer's designated premise, the analog tests performed by the Telephone Company consist of the following: (T)

- Attenuation tests
- Balance tests (ERL-SRL)
- C-Message noise test
- C-notched noise
- 3 tone slope
- DC continuity
- Operational Signalling

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Provision of Switched Access Service (Cont'd)

(G) Testing (Cont'd)

(1) Acceptance Testing (Cont'd)

(c) When 500, 800, 888 or 900 NXXs are activated (new translations installed) by the Telephone Company, NXX code testing will be performed by the Telephone Company. For each new NXX activated in a Telephone Company switch capable of performing the customer identification function for 500, 800, 888 or 900 Access Service, the Telephone Company shall place one test call to the IC's 500, 800, 888 or 900-NXX-XXXX test number. This number provides an announcement identifying the IC, thereby verifying Telephone Company routing. (T) (T) (T)

(2) In-Service Testing

After a Switched Access Service has been tested and accepted by the customer for service, the Telephone Company may perform various tests to ensure the quality of the Switched Access Service. These tests may be performed on a routine basis at the discretion of the Telephone Company, and are made subject to the availability of qualified personnel and test equipment. No charge will be assessed to the customer for the provision of In-Service tests.

The Telephone Company may at its option provide the following types of In-Service Switched Access Service tests:

- Attenuation and noise tests
- Balance tests
- Gain - slope tests

When the Telephone Company and the customer agree to test cooperatively, the Telephone Company shall provide the personnel and test equipment necessary to perform such tests at a mutually agreed upon time. The customer may request the Telephone Company to provide a technician at the customer's premises in order to perform these cooperatively scheduled tests. Rates and charges as set forth in 8.4 will apply per technician provided.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Provision of Switched Access Service (Cont'd)

(G) Testing (Cont'd)

(3) Testing Capabilities

FGA, FGB, FGC, FGD, BSA-A, BSA-B, BSA-C and BSA-D are provided, in the terminating direction where equipment is available, with Seven Digit Access to balance (100 type), and milliwatt (102 type) testlines.

Additionally, FGB, FGC, FGD, BSA-B, BSA-C and BSA-D are provided, in the terminating direction where equipment is available, with seven digit access to the following test lines:

- Nonsynchronous or synchronous test lines
- Automatic transmission measuring (105 type) test line
- Data transmission (107 type) test line
- Loop around test line
- Short circuit and open circuit test line

(4) SS7 Out of Band Signaling

When FGD, BSA-D, 500, 800, 888 or 900 Access Service with SS7 Out of Band Signaling is ordered, network compatibility and other operational tests will be performed cooperatively by the Telephone Company and the customer at locations, dates, and times as specified by the Telephone Company in consultation with the customer. These tests are as specified in Bellcore Technical Reference Publication TR-TSV-000905. Successful completion is necessary to receive the SS7 signaling option. To protect the security of the SS7 network, certain of the information provided, i.e., point codes, by the Telephone Company to the customer will be subject to a nondisclosure agreement. (T)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Provision of Switched Access Service (Cont'd)

(H) Trunk Group Measurement Reports

Subject to availability, the Telephone Company will make available trunk group data in the form of usage in CCS, peg count and overflow, to the customer based on previously agreed to intervals.

With the agreement of the customer, trunk group data in the form of usage in CCS, peg count and overflow for its end of all access trunk groups, where technologically feasible, will be made available to the Telephone Company. These data will be used to monitor trunk group utilization and service performance and will be based on previously arranged intervals and format.

(I) Service Performance Data

Subject to availability, end-to-end service performance data available to the Telephone Company through its own service evaluation routines, may also be made available to the customer based on previously arranged intervals and format. These data provide information on overall end-to-end call completion and non-completion performance, e.g., customer equipment blockage, failure results and transmission performance. These data do not include service performance data which are provided under other tariff sections; e.g., testing service results. If data are to be provided in other than paper format, the charges for such exchange will be determined on an individual case basis. Performance data related to customer provided facilities will not be provided.

(J) Equal Access Conversions

Rates and charges for Switched Access Service depend generally upon its use by the customer, and whether it is provided in a Telephone Company end office that is equipped to provide equal access capabilities (FGD Access described in 6.2.4 and BSA-D described in 6.2.8). The Telephone Company will provide written notification to all access customers of record (at the minimum) within a particular LATA that an end office in that LATA is scheduled to be converted to an equal access end office. This notification will be sent, via certified U.S. Mail, to each access customer of record in the LATA where the conversion is scheduled to occur, at least six months in advance of the conversion date. (C) (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Provision of Switched Access Service (Cont'd)

(J) Equal Access Conversions (Cont'd)

ICs must comply with the FGD or BSA-D ordering procedures of the Telephone Company and a firm order for this service must be received no later than 120 days prior to the end office equal access conversion date in order for the IC to participate in the presubscription process as described in 8.5. (C)

Customers may request FGD or BSA-D service to replace their existing Feature Group or Basic Serving Arrangements service(s) subsequent to an office conversion to equal access. Rates and charges for such requests are set forth in 6.5.4(E). (C) (C)

(K) Design Blocking Probability

The Telephone Company will design the facilities used in the provision of Switched Access Service to meet the blocking probability criteria as set forth as follows:

For FGA, FGB, BSA-A and BSA-B no design blocking criteria apply. (C)

For FGC and BSA-C, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking. (C)

For FGD and BSA-D, the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's premises and the end office, whether the traffic is directly routed without an alternate route or routed via a Telephone Company access tandem. Standard traffic engineering methods as set forth in reference document Telecommunications Transmission Engineering - Volume 3 - Networks and Services (Chapters 6-7) will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking. (C)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Provision of Switched Access Service (Cont'd)

(K) Design Blocking Probability (Cont'd)

For 800/877/888 Access Service provided via 500 Access Service trunk(s), 800/877/888 Access Service trunk(s), or 900 Access Service provided via 900 Access Service trunk(s) the design blocking objective will be no greater than one percent (.01) between the point of termination at the customer's premises and the first point of switching when traffic is directly routed without an alternate route. Standard traffic engineering methods will be used by the Telephone Company to determine the number of transmission paths required to achieve this level of blocking. During mass calling events, the blocking objective of no greater than one percent (.01) can not be guaranteed. (T) (T)

The Telephone Company will perform routine measurement functions except on FGA, FGB, BSA-A and BSA-B, to assure that an adequate number of transmission paths are in service. The Telephone Company will recommend that additional capacity (i.e., busy hour minutes of capacity or trunks) be ordered by the customer when additional paths are required to reduce the measured blocking to the designed blocking level. For the capacity ordered, the design blocking objective is assumed to have been met if the routine measurements show that the measured blocking does not exceed the threshold listed in the following tables.

(1) For transmission paths carrying only first routed traffic direct between an end office and customer's premises without an alternate route, and for paths carrying only overflow traffic, the measured blocking thresholds are as follows:

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.070	.080	.090	.140
3	.050	.060	.070	.090
4	.050	.060	.070	.080
5-6	.040	.050	.060	.070
7 or more	.030	.035	.040	.060

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.4 Provision of Switched Access Service (Cont'd)

(K) Design Blocking Probability (Cont'd)

(2) For transmission paths carrying first routed traffic between an end office and customer's premises via a Telephone Company access tandem, the measured blocking thresholds are as follows: (T)

Number of Transmission Paths Per Trunk Group	Measured Blocking Thresholds in the Time Consistent Busy Hour for the Number of Measurements Taken Between 8:00 a.m. and 11:00 p.m. Per Trunk Group			
	15-20 Measurements	11-14 Measurements	7-10 Measurements	3-6 Measurements
2	.045	.055	.060	.095
3	.035	.040	.045	.060
4	.035	.040	.045	.055
5-6	.025	.035	.040	.045
7 or more	.020	.025	.030	.040

6. Switched Access Service (Cont'd)

6.5 Rate Categories, Applications, and Regulations

6.5.1 Rate Categories

Switched Access Service is composed of four general Rate Categories which are combined to form the foundation for measuring and rating such services. Each Rate Category is composed of certain specific rate elements which may apply to each Switched Access Service. The specific rate elements which comprise each Rate Category are as follows.

Local Transport (Described in 6.5.2 following)

- Entrance Facility
- Direct-Trunked Transport
- Tandem-Switched Transport
- Interconnection Rate
- Multiplexing
- Dedicated Trunk Port
- Shared Multiplexing

End Office (Described in 6.5.3 following)

- Local Switching
- Information Surcharge
- 800/888 Data Base Query Service
- Shared Trunk Port

Carrier Common Line (Described in Section 3 preceding)

- Originating Element
- Terminating Element

Nonrecurring Charge (Described in 6.5.4 following).

CCS7 Access Service (Described in 6.5.12 following)

- Dedicated Switched Access Line
- Dedicated Switched Access Transport
- STP Port Termination
- SS7 Transport

Switched Access Cross Connect (Described in 6.5.13 following)

Local Transport, End Office and Carrier Common Line Charges are usage based rates applied on a per access minute basis, and are also applied as either premium rates or nonpremium rates as set forth in 6.5.6 following. Access minute charges are accumulated over a monthly period. The determination of access minutes is set forth in 6.5.5 following. 800/877/888 Data Base Query charges are applied on a per query basis either as basic or premium as described in 6.5.3(C). (T)

ACCESS SERVICE

6. SWITCHED ACCESS SERVICE (Cont'd) (T)

(Reserved for Future Use)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Rate Categories, Applications, and Regulations (Cont'd)

6.5.2 Local Transport

(A) Local Transport Description

Local Transport provides the transmission of Switched Access communications between the customer's premises and the originating or terminating end office(s) in the Access Area with one exception. Local Transport associated with FGA or BSA-A 1+ terminating traffic provides for the transmission of Switched Access outside the Access Area, however within the LATA. Local Transport is comprised of the following rate elements; an Entrance Facility Rate, a Direct-Trunked Transport Rate, a Tandem-Switched Transport Rate, an Interconnection Rate, a Dedicated Trunk Port Rate, and a Shared Multiplexing Rate. A Dedicated Switched Access Transport Rate is associated with CCS7 Access Service. An EIS Cross Connect rate applies where Switched Access is interconnected with customer transmission facilities in accordance with Section 17. (C)

Where Local Transport rates are applied on a distance sensitive basis, airline mileage is calculated in accordance with the V&H coordinate method as set forth in NECA Tariff FCC No. 4. If the calculated miles result in a fraction, the value is rounded up to the next full mile.

Local Transport is a two-way voice frequency transmission path composed of facilities and equipment determined by the Telephone Company. This transmission path permits the transport of calls in the originating direction (from the end user end office to the customer's premises) and in the terminating direction (from the customer's premises to the end office), but not simultaneously. This transmission path may be comprised of any form or configuration of plant and equipment capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.

The Telephone Company will work cooperatively with the customer in determining (1) whether the service is to be directly routed to an end office or through a Telephone Company access tandem, and (2) the directionality of the service.

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Rate Categories, Applications, and Regulations (Cont'd)

6.5.2 Local Transport (Cont'd)

(A) Local Transport Description (Cont'd)

Where the Telephone Company elects to provide equal access via a centralized Telephone Company equal access tandem arrangement, the Telephone Company will designate the serving wire center. These locations are listed in 15.2. Direct-Trunked Transport is not provided to centralized equal access end offices and is not provided to those Telephone Company end offices that are not capable of measuring switched access minutes of use. (T) (T)

Switched Transport is provided at the rates and charges set forth in 6.6. (T)

(B) Entrance Facility

The Entrance Facility Rate is assessed upon customers for the use of Telephone Company Voice Grade, DS1 and DS3 high capacity facilities, including interface arrangements, between the point of termination at the customer's premises and the Telephone Company's serving wire center. The Entrance Facility Rate is also assessed upon customers for the provisioning of Tandem Switch Signaling. The Entrance Facility is a flat-rated charge assessed per Voice Grade, DS1 or DS3 termination provided at the customer's premises. This charge will apply even if the customer designated premises and the serving wire center are co-located in a Telephone Company building. Technical descriptions of each Entrance Facility and associated interface are further described in Section 9.1. In lieu of an Entrance Facility, Switched Access may be interconnected with customer transmission facilities in accordance with Section 17. (N) (N)

ACCESS SERVICE

6. Switched Access Service (Cont'd)

6.5 Rate Categories, Applications, and Regulations (Cont'd)

6.5.2 Local Transport (Cont'd)

(C) Direct Trunked Transport

The Direct-Trunked Transport rate is assessed upon customers for the use of Voiceband, DS1 or DS3 High Capacity transport dedicated to a customer between a serving wire center to an end office (including host end offices) or from a serving wire center to a Telephone Company access tandem. Direct Trunked Transport also provides for the transmission facilities between: (C) (C)

- a serving wire center or end office and a Telephone Company Hub office other than the serving wire center where multiplexing is performed;

(D) | (D)

- a serving wire center or access tandem and a Telephone Company Hub office other than the serving wire center where multiplexing is performed; (C) | (C)

- between an EIS Cross-Connect arrangement located in a Telephone Company wire center and a different serving wire center, end office or Telephone Company access tandem office.

- a serving wire center and end office where Tandem Switch Signaling is provided as described in 6.5.3(D) and 6.5.14.

The Direct-Trunked Transport Rate is flat-rated and has both distance-sensitive and nondistance-sensitive components. Direct-Trunked Transport is not provided to centralized equal access end offices and end offices not capable of measuring switched access usage. Centralized Access end offices and those offices not capable of measuring switched access usage are specified in NECA Tariff FCC No. 4.

A Dedicated Trunk Port is applicable to the purchase of dedicated trunks terminated by that port. The Dedicated Trunk Port provides for the termination of a dedicated trunk at the end office or access tandem. The Dedicated Trunk Port is flat-rated and is assessed per voice grade or DS1 channel terminating at an end office or access tandem. The rate is determined based on whether the trunk is voicegrade or DS1.

(D)