

## 2. General Regulations (Cont'd)

### 2.6 Definitions (Cont'd)

**Basic Service Arrangement (BSA) (Cont'd)** - The BSA is comprised of three elements, the Access Link, Transport and Features and Functions. The access link consists of facilities used to connect a customer designated premises to the serving wire center of that premises. This element contains the attributes inherent in the connection of a customer's designated premises to the point of network interconnection.

It will have alternative characteristics which can be selected by the customer, but one of which is necessary for communications transfer (e.g., 2-wire or 4-wire facilities). The features and functions element consists of fundamental capabilities resident in a customer serving wire center or a distant central office. It includes the routing and processing capabilities associated with the provision of end-to-end communications.

The transport element is the connection between central offices, such as serving wire center to another central office, where access to features and functions or end users is required. When the customer and end user are served from the same serving office, the transport element consists of an intraoffice connection.

**Basic Service Element (BSE)** - A BSE is an optional and unbundled network feature associated with a BSA. These features are specifically determined and developed based on the needs of enhanced service providers for use in provision of enhanced services, as defined in Amendment of Part 69 of the Commission's Rules, although they may be used by any interstate customer.

**Billed Number Group** - the NPA-NXX and/or RAO-0/1XX administered by the data owner.

**Billed Number Screening (BNS)** - data stored in the Telephone Company's Line Information Data Base stating whether the billed line automatically rejects, accepts or requires verification of calls billed as collect or third number.<sup>1</sup> Billed Number Screening also identifies Local Exchange Company public and nonworking telephone numbers and indicates whether a central office code is active or vacant. (N)

**Bit** - the smallest unit of information in the binary system of notation.

**Broadcast Traffic** – Ethernet frames that are forwarded to all stations on a virtual local area network using the broadcast address.

**Business Day** - the times of day that a company is open for business. This is 8:00 A.M. to 5:00 P.M. Monday through Friday.

**Busy Hour Minutes of Capacity (BHMC)** - the customer specified maximum amount of Switched Access Service and/or Directory Assistance Service access minutes the customer expects to be handled in an end office switch during any hour in an 8:00 A.M. to 11:00 P.M. period for the Feature Group and/or Directory Assistance Service ordered. This customer furnished BHMC quantity is the input data the Telephone Company uses to determine the number of transmission paths for the Feature Group and/or Directory Assistance Service ordered.

<sup>1</sup> Effective July 28, 2016, collect calls and calls billed to a third number have been discontinued by the Telephone Company.

## ACCESS SERVICE

### 3. Carrier Common Line Access Service (Cont'd)

#### 3.6 Determination of Usage Subject to Carrier Common Line Access Charges (Cont'd)

##### 3.6.4 Switched Access Service Provided in Conjunction with a Cellular Carrier or a Radio Common Carrier

For Switched Access Service provided in conjunction with public mobile service to a customer subject to Switched Access charges, where Telephone Company common line facilities are not used, Carrier Common Line charges do not apply.

##### 3.6.5 Switched Access Dedicated Network Access Link

For Switched Access Dedicated Network Access Links, Carrier Common Line charges do not apply.

#### 3.7 Resold Access Services

##### 3.7.1 Scope

Where the customer is reselling MTS and/or MTS-type service(s) on which the Carrier Common Line and Switched Access charges have been assessed, the customer may, at the option of the customer, obtain Feature Group A, Feature Group B or Feature Group D Switched Access Service under this tariff as set forth in Section 6 following for originating and/or terminating access in the local exchange. Such access group arrangements, whether single lines or trunks or multiline hunt groups or trunk groups, will have Carrier Common Line Access charges applied as set forth in 3.9 following. Rate regulations for the Carrier Common Line (CCL) charge are described in 3.8. In addition, the CCL will apply in accordance with the resale rate regulations set forth in Section 3.7.4. For purposes of administering this provision:

(T)

Resold interstate terminating MTS and MTS-type service(s) shall include collect calls, third number calls and credit card calls where the reseller pays the underlying carrier's service charges; and shall not include intrastate minutes of use.<sup>1</sup>

(N)

Resold interstate originating MTS and MTS-type service(s) shall not include collect, third number, credit card or intrastate minutes of use.<sup>1</sup>

(N)

<sup>1</sup> Effective July 28, 2016, collect calls and calls billed to a third number have been discontinued by the Telephone Company.

(N)  
(N)

Pursuant to ICC Order 97-0516 / 97-0601 / 97-0602 (consolidated), dated March 29, 2000.

Issued: June 13, 2016

Effective: July 28, 2016

By W. Karl Wardin, Regional Vice President - Regulatory  
225 West Randolph Street, Chicago, Illinois 60606

## ACCESS SERVICES

### 3. Carrier Common Line Access Service (Cont'd)

#### 3.7 Resold Access Services (Cont'd)

##### 3.7.4 Rate Regulations Concerning the Resale of MTS and MTS-type Services (Cont'd)

###### (A) Apportionment and Adjustment of Resold Minutes of Use (Cont'd)

###### (1) Originating Services (Cont'd)

Resold originating MTS and/or MTS-type services minutes shall be only those attributable to intrastate originating MTS and/or MTS-type minutes and shall not include collect, third number, credit card or interstate minutes of use.<sup>1</sup>

(N)

The resale credit adjustment shall apply for resold originating MTS and MTS-type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such services.<sup>1</sup>

(N)

###### (2) Terminating Services

The Telephone Company will apportion the resold terminating MTS and/or MTS-type services and terminating minutes of use for which the resale credit adjustment applies, among the access groups. Such apportionment will be based on the relationship of the terminating usage for each access group to the total terminating usage for all access groups in the MSA. For purposes of administering this provision:

Resold terminating MTS and/or MTS-type services minutes shall be only those attributable to intrastate terminating MTS/MTS-type (i.e., collect calls, third number calls, and credit card calls) and shall not include interstate minutes of use or MTS/MTS-type minutes of use paid for by another party.<sup>1</sup>

(N)

The resale credit adjustment shall apply for resold terminating MTS and MTS-type services and minutes of use, provided Carrier Common Line and Switched Access Charges have been assessed on such services.

<sup>1</sup> Effective July 28, 2016, collect calls and calls billed to a third number have been discontinued by the Telephone Company.

(N)  
(N)

## ACCESS SERVICE

### 3. Carrier Common Line Access Service (Cont'd)

#### 3.8 Rate Regulations (Cont'd)

##### 3.8.1 Reserved for Future Use

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##### 3.8.2 Billing of Usage Charges

Carrier Common Line charges will be billed to each Switched Access Service provided under this tariff in accordance with the regulations as set forth in 3.8.5 following (Determination of Premium Charges) except as set forth in 3.7.4 preceding (Resale) and 3.8.5 following (Percent Interstate Use - PIU).

##### 3.8.3 Measuring and Recording of Call Detail

When access minutes are used to determine Carrier Common Line charges, they will be accumulated using call detail recorded by Telephone Company equipment except as set forth in 3.8.4 following (Unmeasured FGA Usage) and automated operator services systems call detail such as pay telephone sent-paid, operator-DDD, operator-person, and/or other like calls recorded by the customer.<sup>1</sup> The Telephone Company measuring and recording equipment, except as set forth in Section 3.8.4 following (Unmeasured FGA Usage), will be associated with end office or local tandem switching equipment and will record each originating and terminating access minute where answer supervision is received. The accumulated access minutes will be summed on a line by line basis, by line group or by end office, whichever type of account is used by the Telephone Company, for each customer and then rounded to the nearest minute.

(N)  
(T)

<sup>1</sup> Effective July 28, 2016, collect calls and calls billed to a third number have been discontinued by the Telephone Company

Pursuant to ICC Order 97-0516 / 97-0601 / 97-0602 (consolidated), dated March 29, 2000.

## ACCESS SERVICE

### 5. Ordering Options for Switched and Special Access Service (Cont'd)

#### 5.2 Access Order (Cont'd)

- When a customer desires Switched Access Service to an end office that is a remote switching office, the customer must order to the host office which controls the remote switching office since all traffic to and/or from a remote switching office must be routed through the host office. The customer must also provide the Telephone Company an estimate of the amount of traffic it will generate to and/or from each end office served by that host.
- For the Operator Transfer Service option ordered in conjunction with FGD as specified in 6.1.3(A)(4) following, the customer must specify the number of trunks desired between its premises and the Telephone Company designated Operator Services Access Points. Operator Transfer trunks are used to carry originating 0- traffic, i.e., the customer dials only the 0 digit with no additional digits.
- For the Inward Assistance option ordered in conjunction with FGD, as described in 6.1.3(A)(4) following, the customer must specify the number of trunks desired between its premises and the Telephone Company designated Operator Inward Service Switch (i.e., the OSS). The trunks may be two-way or terminating only. Trunks provided with the Inward Assistance option may also be used to carry other operator traffic types (e.g., 0-Transfer traffic). Where the OSS access tandem also functions as a switched access tandem, the customer may combine other switched traffic over the same trunks.<sup>1</sup>

(N)

<sup>1</sup> Effective July 28, 2016, Inward Assistance has been discontinued by the Telephone Company.

(N)

Material formerly appeared in ILL. C. C. No. 15, Section 5.2, Page 104.1.

## ACCESS SERVICE

### 5. Ordering Options for Switched and Special Access Service (Cont'd)

#### 5.2 Access Order (Cont'd)

- When ordering Operator Transfer Service or Inward Assistance trunks as specified preceding, the customer must also specify the type of signaling desired. Operator Transfer Service or Inward Assistance trunks may be equipped with either Equal Access Signaling or Operator Services Signaling.<sup>1</sup>
- When ordering FGD Switched Access Service that will be transported over Telecommunications Relay Services Provider Transport facilities, the TRS Provider will specify the number of transmission paths in quantities of channels in the order for service.
- When Switched Access is ordered for use with Data Base Services, as described in Section 6.4, direct routed trunks can only be provided when the end office is equipped as a Service Switching Point (SSP). All traffic originating from an end office not equipped as an SSP must be routed via an access tandem equipped as an SSP.
- When Data Base Services are ordered separately (i.e., not in conjunction with Switched Access), the customer must order Signal Transfer Point (STP) Access Service in LATA 358 (Chicago, Illinois) for 800 service. STP Access Service is described in Section 6.1.3(A)(4)(b).
- For 500 Access Service, the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may only request Direct Transport to those end offices designated by the Telephone Company as 500 Access Service screening offices. When new NXX(s) are to be opened in the state or when existing NXX(s) are to be deleted, and such change is to occur coincident with the service date established for the order, the customer shall provide such information when placing the order for additional capacity (i.e., busy hour minutes of capacity or quantities of trunks), the customer shall notify the Telephone Company of the change as set forth in Section 6.6.1(D). All 500 number assignments and administration shall be in accordance with the North American Numbering Plan (NANP).
- For 900 Access Service, the customer shall order in the same manner which is set forth preceding for ordering Feature Group D, except that customers may only request Direct Transport to those end offices designated by the Telephone Company as 900 Access Service screening offices. When new NXX(s) are to be opened in the state or when existing NXX(s) are to be deleted, and such change is to occur coincident with the service date established for the order, the customer shall provide such information when placing the order for additional capacity (i.e., quantities of trunks), the customer shall notify the Telephone Company of the change as set forth in Section 6.6.1(D). All 900 number assignments and administration shall be in accordance with the North American Numbering Plan (NANP).

(N)

<sup>1</sup> Effective July 28, 2016, Inward Assistance had been discontinued by the Telephone Company.

(N)

## ACCESS SERVICE

### 6. Switched Access Service (Cont'd)

#### 6.1 General (Cont'd)

##### 6.1.1 Switched Access Service Arrangements and Manner of Provision (Cont'd)

###### (I) Manner of Provision (Cont'd)

Because some customers will wish, or may be required, to further segregate their originating traffic into separate trunk groups, originating traffic type is further categorized as follows:

Domestic - access capacity for carrying only domestic traffic other than 500, 700, 800, 900, Operator, Operator Transfer Service and Alternate Card Access traffic. (D)

500 - access capacity for carrying only 500 traffic

700 - access capacity for carrying only 700 traffic

800 - access capacity for carrying only 800 traffic

900 - access capacity for carrying only 900 traffic

IDDD - access capacity for carrying only International Direct Distance Dialing traffic.

Operator Transfer Service - access capacity for carrying only Operator Transfer Service traffic.

Alternate Card Access Service - access capacity for carrying only alternate card access service traffic. (D)

Non presubscribed - access capacity where use of an access code (other than 1+) is required. (D)

When ordering such types of access capacity, the customer must specify the appropriate traffic type(s).

##### 6.1.2 Dedicated Access Line Service

Dedicated Access Line Service is a type of Special Access Service that is provided for use with Switched Access Service, as described below. The customer must specify the type of Switched Access service to be used in conjunction with each Dedicated Access Line ordered. This Service is described in 7.2.3 and 7.2.9 following.

Material formerly appeared in ILL. C. C. No. 15, Section 6.1.1, Pages 121 and 121.1. Material changed per Transmittal No. 846.

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**ACCESS SERVICE**

**6. Switched Access Service (Cont'd)**

**6.1 General (Cont'd)**

**6.1.3 Rate Categories (Cont'd)**

**(A) Switched Transport (Cont'd)**

**(4) Chargeable Optional Features (Cont'd)**

**(a) Operator Transfer Service (Cont'd)**

- If the end user identifies a customer who subscribes to Operator Transfer Service, the operator will transfer the call to the identified customer.
- If the calling end-user does not have a preference or the preferred carrier does not participate in Operator Transfer Service, the Telephone Company operator will offer the end-user a carrier from a randomly generated list of Operator Transfer Service customers. Subject to end-user complaints OTS customers answering transferred calls with a business name that misrepresents their business or causes end-user confusion will not be included on the randomly generated list.

All rates and charges normally applicable to Feature Group D, i.e., nonrecurring, monthly recurring, and usage sensitive, apply to Operator Transfer Service. The Feature Group D mileage is measured as set forth in 6.7.12. Additionally, a charge as specified in 6.9.1(D)(1) following, is assessed the customer per 0- call transferred.

**(b) Inward Assistance Service**

Inward Assistance is an option which provides for Operator to Operator assistance for a general inquiry. The customer's operator may request assistance when a call originates outside of the MSA and the terminating number is within the Telephone Company's service area. The type of Inward Assistance which may be provided is described below. The Telephone Company operator only provides Inward Assistance for InterMSA calls. This option is provided with FGD and is available in all Telephone Company end offices.

(D)

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(T)



**ACCESS SERVICE**

**6. Switched Access Service (Cont'd)**

**6.1 General (Cont'd)**

**6.1.3 Rate Categories (Cont'd)**

**(A) Switched Transport (Cont'd)**

**(4) Chargeable Optional Features (Cont'd)**

**(b) Inward Assistance Service (Cont'd)**

(D)

(D)

- With Operator Assistance the Telephone Company Operator Services System (OSS) operator provides the customer's operator with general dialing or routing assistance. Inward calls from the customer's operator are routed over the trunks between the customer's premises and the Telephone Company TOPS Access Tandem serving the MSA. The customer will be charged for each Operator Assistance call.

(D)

(D)

## ACCESS SERVICE

### 6. Switched Access Service (Cont'd)

#### 6.1 General (Cont'd)

##### 6.1.3 Rate Categories (Cont'd)

###### (A) Switched Transport (Cont'd)

###### (4) Chargeable Optional Features (Cont'd)

###### (d) Line Information Data Base Access

Line Information Data Base (LIDB) Service is provided by the Telephone Company to its customers in support of alternate billing services. Alternate billing services allow the customer's end users to bill calls to an account not necessarily associated with the originating line. LIDB Service supports alternate billing services.

(D)  
(D)

The Telephone Company's LIDB will contain a record for every working line number and Billed Number Group served by the Telephone Company. Other exchange carriers who may store their data in the Telephone Company LIDB are requested to provide this data as well.

The LIDB downtime will be less than twelve hours per year. It is capable of processing up to 100 queries per second. In addition, the LIDB will provide a mean response time of no more than 0.25 to 0.5 seconds and shall not exceed 1.0 second for 99 percent of all messages.

The Telephone Company will use the data base administration system to update the LIDB information, e.g., add, delete, and modify customer accounts as customers move, become delinquent on their accounts, or order new service, on a daily basis.

To ensure the most accurate validation service possible, two audit procedures will be done. The first audit is performed seven nights a week to compare the data contained in the data base administration system and LIDB data. Any differences between these data are resolved the next business day. The second audit, which occurs at least yearly, compares the customer record files and the information contained in the data base administration system.

## ACCESS SERVICE

### 6. Switched Access Service (Cont'd)

#### 6.1 General (Cont'd)

##### 6.1.3 Rate Categories (Cont'd)

##### (A) Switched Transport (Cont'd)

##### (4) Chargeable Optional Features (Cont'd)

##### (d) Line Information Data Base Access (Cont'd)

LIDB Service is offered via the Ameritech Common Channel Signaling (CCS) network. Customers must purchase Signal Transfer Point Access Service as described in Section 6.1.3 (A)(4)(c) in MSA 358 (Chicago, Illinois) for LIDB Service. LIDB Service provides the customer's OSS (identified in the CCS network by an originating point code) access to billing validation data. The LIDB will receive and respond to Billed Number Screening queries as defined in Bellcore publication TR-TSV-000954 and TR-NWT-001149.

LIDB Service enables the following functions on an on-line, call-by-call basis:

1. Determine whether the billed line automatically rejects, accepts or requires verification of certain calls billed as collect or third number.<sup>1</sup>
2. Determine whether the billed line is a Local Exchange Company public or nonworking telephone number.
3. Determine whether the central office code is active or vacant.

(N)

<sup>1</sup> Effective July 28, 2016, collect calls and calls billed to a third number have discontinued by the Telephone Company.

(N)

**ACCESS SERVICE**

**6. Switched Access Service**

**6.9 Rates and Charges (Cont'd)**

**6.9.1 Switched Transport (Cont'd)**

**(D) Chargeable Optional Features**

<b>(1) Operator Transfer Service</b>		<b><u>Per Call</u></b>	
-	Per Call Transferred		.21
<b>(2) Inward Assistance Service</b>			(D)
			(D)
-	Per Operator Assistance		0.65
<b>(3)</b>	Signal Transfer Point (STP) Access	<b><u>USOC</u></b>	<b><u>Monthly Rate</u></b>
			<b><u>Nonrecurring Charge</u></b>
-	Per Port	PT8SX	\$380.00 \$390.00
<b>(4)</b>	Signal Switching Per Message	<b><u>USOC</u></b>	<b><u>Per Signaling Message</u></b>
-	IAM		0.000117
-	TCAP		0.000150
<b>(5)</b>	Signal Tandem Switching Per Message		
-	IAM		0.000160
<b>(6)</b>	Signal Transport Per Message		
-	IAM		0.000026
-	TCAP		0.000038

Pursuant to Ill. C.C. Order in Docket No. 09-0188 dated June 24, 2009.

**Issued: June 13, 2016**

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