

– RADIO COMMON CARRIER ACCESS SERVICE –

17. END OFFICE ACCESS SERVICE

(N)

17.1 General

17.1.1 Application of Service

The services in this section apply to the connection of facilities of the Telephone Company to the facilities of an authorized Radio Common Carrier (RCC) for the purpose of serving calls between wire line customers of the Telephone Company and end users of the Radio Common Carrier. This service is classified as a local exchange telecommunications service.

17.1.2 Provision of Service

- (A) At the Radio Common Carrier's request, the Telephone Company and the RCC will physically connect their facilities and interchange traffic originating or terminating on the RCC's system in connection with the RCC's authorized services. Such interconnection shall be in accordance with the provisions set forth in 2.1.4 preceding, and herein.
- (B) In providing physical connections, the Telephone Company will connect its facilities with those of the RCC between an end office located in the RCC's Service Area and RCC's system serving that area.
- (C) Any facility or arrangement provided shall be of the type normally utilized in the furnishing of the Telephone Company's telecommunications services, and may be comprised of any form or configuration of plant 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.

17.1.3 Use of Services

Use of the End Office Access services provided by the Telephone Company shall be in accordance with the provisions set forth in 2.2 preceding, and herein.

- (A) The End Office Access services provided by the Telephone Company shall be used only for the handling of interchanged traffic originating or terminating on the RCC's system in connection with the RCC's authorized services. Such services may, however, be used occasionally or incidentally for incoming calls concerning administrative matters related to the RCC's authorized services.

(N)

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17. END OFFICE ACCESS SERVICE (Cont'd)

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17.1 General (Cont'd)

17.1.3 Use of Services (Cont'd)

(B) The End Office Access services provided by the Telephone Company shall not be used, switched or otherwise connected together by the RCC for provision of through calling from a landline telephone to another landline telephone except where such connections are provided under the control of the RCC's end user customer, such as with a call forwarding or three-way conference calling service.

17.1.4 Ordering Options and Conditions

End Office Access Service is ordered under the Access Order provisions set forth in 5. preceding. Also, included in that section are other charges which may be associated with ordering End Office Access Service (e.g., Service Date Change Charges, Cancellation Charges, etc.).

17.1.5 Special Facilities Routing

The RCC may request that the facilities used to provide End Office 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. preceding.

17.1.6 Acceptance Testing

Cooperative Acceptance Testing will be performed at the request of the RCC on all new installations at a negotiated time without charge to the RCC. If the RCC does not request the Cooperative Acceptance Test at the time of the installation or is not ready at the scheduled interval, charges specified in 13. preceding will apply for subsequent tests.

(N)

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17. END OFFICE ACCESS SERVICE (Cont'd)

(N)

17.2 Description of Service

End Office Access Service provides a two-point electrical communications path between the premises of wire line customers of the Telephone Company and the premises of an authorized Radio Common Carrier (RCC). It is provided as a connection to end office switching equipment and is arranged for either two-way calling, which permits the delivery of calls originated by both Telephone Company customers and RCC customers, but not simultaneously, or one-way calling in either the originating or terminating direction.

17.2.1 Type 1 Service

Type 1 service provides interconnection between the RCC's premises, through a Telephone Company end office switching point, to the public switched network, using a combination of dedicated facilities subscribed to by the RCC and the facilities of the switched network. It is a four-wire terminating arrangement which permits switching equipment that is designed to use four-wire terminations to be connected to the Telephone Company's standard two-wire exchange facilities, and provides for calling in both the originating and the terminating direction. Calls in the originating direction are directed to telephone numbers which are subscribed to by the RCC in blocks of 100, with up to 7 digits of the telephone number being provided to the RCC using in-band signaling techniques. In the terminating direction, Type 1 service has the same calling capabilities as business exchange service, as specified in Illinois Bell Tariff Ill. C. C. No. 5, PART 2, Section 19.

Type 1 service will be provided in end offices where suitable facilities are available.

17.2.2 Direct Inward Dial (DID) Service

DID service provides interconnection to the RCC's premises, through a Telephone Company end office switching point, from the public switched network, using a combination of dedicated facilities subscribed to by the RCC and the facilities of the switched network. It is a two-wire terminating arrangement, and provides for calling in only the originating direction. Calls in the originating direction are directed to telephone numbers which are subscribed to by the RCC in blocks of 100, with up to 7 digits of the telephone number being provided to the RCC using in-band signaling techniques.

DID service will be provided in end offices where suitable facilities are available.

(N)

– RADIO COMMON CARRIER ACCESS SERVICE –

17. END OFFICE ACCESS SERVICE (Cont'd)

(N)

17.2 Description of Service (Cont'd)

17.2.3 Direct Inward Dial/800 (DID/800) Service

DID/800 service provides interconnection to the RCC's premises, through a Telephone Company end office switching point, from the public switched network, using a combination of dedicated facilities subscribed to by the RCC and the facilities of the switched network. It is a two-wire terminating arrangement, and provides for calling in only the originating direction. Calls in the originating direction are directed to 800 service telephone numbers which are subscribed to by the RCC in blocks of 100, with up to 7 digits of the telephone number being provided to the RCC using in-band signaling techniques.

DID/800 service will be provided in end offices where suitable facilities are available.

17.2.4 Direct Outward Dial (DOD) Service

DOD service provides interconnection between the RCC's premises, through a Telephone Company end office switching point, to the public switched network, using a combination of dedicated facilities subscribed to by the RCC and the facilities of the switched network. It is a two-wire terminating arrangement, and provides for calling in only the terminating direction. In the terminating direction, DOD service has the same calling capabilities as business exchange service, as specified in Illinois Bell Tariff Ill. C. C. No. 5, PART 2, Section 19.

DOD service will be provided in end offices where suitable facilities are available.

17.2.5 Technical Specifications

Technical specifications for Type 1 service are set forth in Technical Reference TR-NPL-000145.

17.2.6 Testing Capabilities

Type 2 Access Service is provided, in the terminating direction where equipment is available, with seven digit access to balance (100 type) test line and milliwatt (102 type) test line. In addition to the tests described in 17.1.6 preceding, which are included with the installation of service, additional Cooperative Acceptance Testing and Non-Scheduled Testing, will be provided for End Office Access Service as set forth in 13.3.5 preceding.

(N)

17. END OFFICE ACCESS SERVICE (Cont'd)

(N)

17.3 Obligations of the Telephone Company

In addition to the obligations of the Telephone Company set forth in 2.1 preceding, the Telephone Company has certain other obligations pertaining only to the provision of End Office Access Service. These obligations are as follows:

17.3.1 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 all customers are able to establish connections 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, such as call gapping, which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with a customer's End Office 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(B)(3) preceding.

(N)

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(N)

17.3 Obligations of the Telephone Company (Cont'd)

17.3.2 Provision of 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.

17.3.3 Trunk Group Measurements Reports

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

(N)

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(N)

17.4 Obligations of the Customer

In addition to the obligations of the customer set forth in 2.3 preceding, the Radio Common Carrier (RCC) has certain specific obligations pertaining to the use of End Office Access Services. These obligations are as follows:

17.4.1 Design of End Office Access Services

It is the customer's responsibility to assure that sufficient End Office Access Services have been ordered to handle its traffic.

17.4.2 Trunk Group Measurements Report

With the agreement of the customer, service 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.

17.4.3 Supervisors Signaling

The customer facilities shall provide the necessary on-hook, off-hook, answer, and disconnect supervision.

(N)

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17.5 Rate Regulations

This section contains the specific regulations governing the rates and charges that apply for End Office Access Service.

17.5.1 Description and Application of Rates and Charges

There are three types of rates and charges that apply to End Office Access Service. These are monthly recurring rates, usage rates and nonrecurring charges

(A) Monthly Rates

Monthly rates are flat recurring rates that apply each month or fraction thereof that a specific rate element is provided. For billing purposes, each month is considered to have 30 days. Monthly rates are as specified in 17.6 following for each service element subscribed to by the customer. Where rates in this tariff vary by Access Area, the Access Area for a service is determined based on the designation of the wire center serving the customer premises to which the service is provided, as specified in AT&T Illinois Tariff Ill. C. C. No. 20, PART 4, Section 2. (T)
(C)

(B) Usage Rates

Terminating usage charges shall not apply pursuant to this tariff except as set forth in this section. In accordance with 47 CFR Section 20.11 and the FCC's ruling in CC Docket No. 01-92; FCC 05-42 (*T-Mobile Order*), terminating usage charges shall be negotiated as part on an interconnection agreement between RCC and AT&T Illinois. Prior to the negotiation of an interconnection agreement, but after a request for negotiation for such agreement has been made by RCC or AT&T Illinois, AT&T Illinois shall assess interim termination usage charges calculated in accordance with 47 CFR Section 20.11. (C)
(C)

17. END OFFICE ACCESS SERVICE (Cont'd)

(N)

17.5 Rate Regulations (Cont'd)

17.5.1 Description and Application of Rates and Charges (Cont'd)

(C) Nonrecurring Charges

Nonrecurring charges are one-time charges that apply for a specific work activity (i.e., installation or change to an existing service). Nonrecurring charges are as specified in 17.6 following for each service element subscribed to by the customer.

17.5.2 Moves

A move involves a change in the physical location of the customer's premises. Moves will be treated as discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established for the new service. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

17.5.3 Mileage Measurement

The mileage to be used to determine the monthly rate for an inter-office Carrier Dedicated Channel (CDC) service element of End Office Access Service is calculated on the airline distance between the end office serving the customer premises and the Telephone Company end office where connection of the channel to end office switching equipment is provided. Mileage is determined using the V&H coordinates method, as set forth in Illinois Bell Tariff Ill. C. C. No. 5, PART 6, Section 1.

(N)

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17.6 Rates and Charges

	<u>Monthly Rate</u>	<u>NRC</u>
17.6.1 Type 1 Service		
(A) Switch Termination		
– Common Equipment, per service group	-	\$1,211.50
– Subsequent additions or rearrangements, per service group	-	237.45
– Per Channel terminated, per month	\$38.00(R)	32.95
– Optional Features		
– Non-standard levels, per channel terminated, per month	2.91	
(B) Carrier Dedicated Channel (CDC)		
– As specified in 17.6.5 following for a four-wire channel. The CDC may also be provided using any compatible channel service obtained from AT&T Illinois which provides a four-wire analog interface at the switch termination. When the customer premises is not in Illinois, the CDC must be obtained as an interstate channel service.		
(C) Telephone Numbers		
– As specified in 17.6.6 following		

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17. END OFFICE ACCESS SERVICE (Cont'd)

17.6 Rates and Charges (Cont'd)

	<u>Monthly Rate</u>	<u>NRC</u>	
17.6.2 Direct Inward Dial (DID) Service			
(A) Switch Termination			
- Common Equipment, per service group	-	\$335.34	
- First Termination, per order	-	26.17	
- Additional Termination on same order	-	18.66	
- Per Channel terminated, per month	\$20.84	-	
(B) Carrier Dedicated Channel			
- As specified in 17.6.5 following for a two-wire channel. The CDC may also be provided using any compatible channel service obtained from AT&T Illinois which provides a two-wire analog interface at the switch termination. When the customer premises is not in Illinois, the CDC must be obtained as an interstate channel service.			(T)
(C) Telephone Numbers			
- As specified in 17.6.6 following			
17.6.3 Direct Inward Dial/800 (DID/800) Service			
(A) Switch Termination			
- Per Channel terminated, per month	None	-	
(B) Carrier Dedicated Channel			
- Administrative charge, per order	24.70	78.50	
- Per Channel, per month		67.50	
(C) Telephone Numbers			
- As specified in 17.6.6 following			(D)

(D)
 |
 (D)

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17. END OFFICE ACCESS SERVICE (Cont'd)

17.6 Rates and Charges (Cont'd)

17.6.4 Direct Outward Dial (DOD) Service

	<u>Monthly Rate</u>	<u>NRC</u>
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(A) Switch Termination

- Common Equipment, per service group	-	\$335.34
- First Termination, per order	-	26.17
- Additional Termination on same order	-	18.66
- Per Channel terminated, per month	\$20.84	-

(B) Carrier Dedicated Channel

- As specified in 17.6.5 following for a two-wire channel. The CDC may also be provided using any compatible channel service obtained from AT&T Illinois which provides a two-wire analog interface at the switch termination. When the customer premises is not in Illinois, the CDC must be obtained as an interstate channel service. (T)

(C) Telephone Numbers

- As specified in 17.6.6 following (D)
- |
(D)

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17. END OFFICE ACCESS SERVICE (Cont'd)

17.6 Rates and Charges (Cont'd)

	<u>Monthly Rate</u>	<u>NRC</u>	
17.6.5 Carrier Dedicated Channels (CDC)			
(A) Two-Wire Intra-Office			
– Administrative charge, per order	–	\$29.08	
– Per Channel, per month			
– Access Area A	\$ 9.90	54.28	
– Access Area B	7.40	54.28	
– Access Area C	15.50	54.28	
– Optional Features			(N)
– Two-way automatic signaling and talk battery, per circuit	14.90	–	(N)
(B) Two-Wire Inter-Office			
– Administrative charge, per order	–	63.00	
When channel mileage is less than 12 miles			
– Per Channel, per month			
– Access Area A	5.55	317.90	
– Access Area B	8.85	317.90	
– Access Area C	17.25	317.90	
– Per 1/4 mile, per channel, per month			
– First 1/4 mile	20.70	–	
– Each additional 1/4 mile	0.40	–	
When Channel mileage is 12 miles or greater			
– Per Channel, per month			
– Access Area A	5.55	317.90	
– Access Area B	8.85	317.90	
– Access Area C	17.25	317.90	
– Per mile, per channel, per month			
– First mile	31.30	–	
– Each additional mile	1.70	–	
– Optional Features			(N)
– Two-way automatic signaling and talk battery, per circuit	4.35	–	(N)

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(N)

17.6 Rates and Charges (Cont'd)

	<u>Monthly Rate</u>	<u>NRC</u>
17.6.5 Carrier Dedicated Channels (CDC) (Cont'd)		
(C) Four-Wire Intra-Office		
– Administrative charge, per order	–	\$ 80.44
– Per Channel, per month		
– Access Area A	\$22.17	116.30
– Access Area B	25.16	116.30
– Access Area C	41.29	116.30
(D) Four-Wire Inter-Office		
– Administrative charge, per order	–	126.97
When channel mileage is less than 12 miles		
– Per Channel per month		
– Access Area A	17.47	278.16
– Access Area B	20.91	278.16
– Access Area C	42.54	278.16
– Per 1/4 mile, per channel, per month		
– First 1/4 mile	20.70	–
– Each additional 1/4 mile	0.40	–
When channel mileage is 12 miles or greater		
– Per Channel, per month		
– Access Area A	18.12	278.16
– Access Area B	20.91	278.16
– Access Area C	42.24	278.16
– Per mile, per channel, per month		
– First mile	31.10	–
– Each additional mile	1.70	–

(N)

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17. End Office Access Service

	Monthly Rate	NRC
17.6 Rates and Charges (cont'd)		
17.6.6 Telephone Numbers		
- Administrative charge, per order		\$64.00
- Per 100 number block, per month	\$0.00(R)	58.15