
ACCESS SERVICE

2. **GENERAL REGULATIONS** (Continued)

2.4 **Payment Arrangements and Credit Allowances** (Continued)

2.4.7 **Access Services Provided by More Than One Telephone Company**
(Continued)

(B) **Multiple Company Billing** (Continued)

(2) (Continued)

- (b) The airline distance in miles developed in (a) preceding will be multiplied by the Local Transport Mileage rate* times the number of access minutes of use times the billing percentage to determine the appropriate Local Transport Mileage charges*. The billing percentage is that portion of local transport to be billed by each company and is mutually agreed upon by the Telephone Companies involved in providing Access Services to the customer. Billing percentages are listed in National Exchange Carrier Association Tariff FCC No. 4. (C)
- (c) The total Local Transport charge* shall be the Local Transport Mileage charges as determined in (b) preceding plus the Local Transport Circuit Connection rate times the number of access minutes of use. The Circuit Connection rate is applied once per the Telephone Company end office, where the end office is defined as the end user's end office. (C)
- (d) All other appropriate recurring and nonrecurring charges in each Telephone Company's access tariff are applicable. The Nonrecurring Charges for Switched Access, as set forth in 6.5.4 following apply in full. The ASR Ordering Charge applies per ASR submitted to the Telephone Company while the installation Charge applies per line or trunk installed by the Telephone Company.

* As of July 1, 2021, the Joint Tandem Switched Transport rate element is applied per tandem to originating toll free minutes only, as set forth in Section 6.6.2 following, in lieu of the Tandem Switched Facility, Tandem Switched Termination and Tandem Switching rate elements. (N)
(N)

ISSUED: June 1, 2021
EFFECTIVE: July 1, 2021

ISSUED BY:


Joel Dolmeier, Vice-President

Authorized by NH PUC Docket No.

ACCESS SERVICE

2. **GENERAL REGULATIONS** (Continued)

2.6 **Definitions** (Continued)

Initial Address Message (IAM)

The term "Initial Address Message (IAM)" denotes a Signaling System 7 (SS7) message sent in the forward direction to initiate trunk set up with the busying of an outgoing trunk which carries the information about that trunk along with other information relating to the routing and handling of the call to the next switch.

Inserted Connection Loss

The term "Inserted Connection Loss" denotes the 1004 Hz power difference (in dB) between the maximum power available at the originating end and the actual power reaching the terminating end through the inserted connection.

Interexchange Carrier (IC) or Interexchange Common Carrier

The terms "Interexchange Carrier" (IC) or "Interexchange Common Carrier" denotes any individual, partnership, association, joint-stock company, trust, governmental entity or corporation, other than the Telephone Company, authorized by the New Hampshire Public Utilities Commission, and engaged for hire in intrastate communications by wire or radio, between two or more exchanges.

Internet Protocol (IP) Signaling

The term "Internet (IP) Signaling" denotes a packet data-oriented protocol used for communicating call signaling information.

Interstate Communications

The term "Interstate Communications" denotes both interstate and foreign communications subject to oversight by the Federal Communication Commission.

Intrastate Communications

The term "Intrastate Communications" denotes any communications within a state subject to oversight by a state regulatory commission as provided by the laws of the state involved.

Joint Tandem Switched Transport

The term "Joint Tandem Switched Transport" denotes the rate element assessable for the transmission of originating toll free minutes. The rate element includes both the transport between the end office and the tandem switch and the tandem switching. It does not include transport of traffic over dedicated transport facilities between the serving wire center and the tandem switching office.

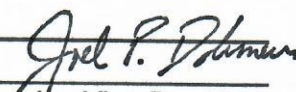
Line Side Connection

The term "Line Side Connection" denotes a connection of a transmission path to the line side of a local exchange switching system.

(N)
—
(N)

ISSUED: June 1, 2021
EFFECTIVE: July 1, 2021

ISSUED BY:


Joel Dohmeier, Vice-President

Authorized by NH PUC Docket No.

ACCESS TARIFF

3. **CARRIER COMMON LINE ACCESS SERVICE** (Continued)

3.7 **Rates and Charges**

3.7.1 **Carrier Common Line Access Service**

Rates and charges for Carrier Common Line Access Service are as follows:

<u>Premium Access</u>	<u>Rate</u>	
(Non-Toll Free)		(T)
- Terminating Per Access Minute	\$0.000000	
- Originating Per Access Minute	\$0.005000	
(Toll Free)		(N)
- Originating Per Access Minute	\$0.000000	(N)(R)

ISSUED: June 1, 2021
EFFECTIVE: July 1, 2021

ISSUED BY: 
Joel Dohmeier, Vice-President

Authorized by NH PUC Docket No.

ACCESS TARIFF

6. **SWITCHED ACCESS SERVICE** (Continued)

6.5 **Rates Categories, Applications and Regulations** (Continued)

6.5.2 **Local Transport** (Continued)

(A) **Local Transport Description** (Continued)

(3) **Tandem-Switched Transport** (Continued)

- (b) Tandem Switching, which provides for use of the Telephone Company's access tandem.

Local Transport is provided at the rates and charges as set forth in 6.6 following. The application of these rates with respect to individual Switched Access Service Arrangements is set forth in 6.5.8 and 6.5.9 following.

The number of Switched Transport transmission paths and terminations provided is based on the customer's order and is determined by the Telephone Company as set forth in 6.4 (D) following.

- (c) For originating toll free minutes only, a Joint Tandem Switched Transport rate applies in lieu of the Tandem Switching, Tandem Switched Facility, and Tandem Switched Termination rates and is only billed by the tandem company that performs the tandem switching function.

(N)
|
(N)

(4) **Multiplexing**

Multiplexing provides for arrangements to convert a single higher capacity or bandwidth circuit for bulk transport to several lower capacity or bandwidth circuits. Multiplexing is only available at Telephone Company designated Hubs arranged for multiplexing or at the access tandem trunk on the serving wire center side of the access tandem. All types of multiplexing may not be available at each Hub location.

Listed below are the multiplexing arrangements offered with switched access.

- **DS1 to Voice**

An arrangement that multiplexes twenty-four voice grade circuits to single DS1 digital circuit at a rate of 1.544 Mbps, or multiplexes a single DS1 digital circuit at a rate of 1.544 Mbps to twenty-four voice grade circuits.

ISSUED: June 1, 2021
EFFECTIVE: July 1, 2021

ISSUED BY:


Joel Dohmeier, Vice-President

Authorized by NH PUC Docket No.

ACCESS TARIFF

6. SWITCHED ACCESS SERVICE (Continued)

6.5 Rates Categories, Applications and Regulations (Continued)

6.5.2 Local Transport (Continued)

(B) Mileage Measurement (Continued)

(6) Feature Groups B, C, and D - Remote Offices

The Local Transport mileage for Feature Group B, C, and D Switched Access Service provided to a Remote Office will be measured in multiple segments.

When the facility is directly trunked to the Host Office, Direct-Trunked Facility mileage will be measured between the customer's serving wire center and the Host Office, and Tandem-Switched Facility mileage will be measured between the Host Office and the Remote Office. The Tandem Switching charge will not apply.

When the facility is directly trunked to a tandem, Direct-Trunked Facility will be measured from the Serving Wire Center to the tandem, Tandem-Switched Facility mileage will be measured from the tandem to the host, and another segment of Tandem-Switched facility will be measured from the host to the remote. The Tandem Switching charge* will be applicable at the tandem.

(C)

When service to the remote is ordered as only Tandem-Switched Facility, mileage will be separately measured between the serving wire center and the host and between the host and the end office. The Tandem Switching charge* will be applicable at the Tandem.

(C)

6.5.3 End Office

The End Office rate category provides the local end office switching and end user termination functions necessary to complete the transmission of Switched Access communications to and from the end users served by the local end office. The End Office Rate category includes the Local Switching rate element.

End Office rates (Local Switching) do not apply to switched access minutes of use that originate or terminate at a Mobile Telephone Switching Office (MTSO) directly interconnected to a Telephone Company access tandem office.

(A) Local Switching

The Local Switching rate element provides for the use of end office switching equipment, the termination of end user common lines at the local end office, and the termination of calls at a Telephone Company intercept operator or recording. The intercept operator or recording tells a caller why a call could not be completed and, if possible, provides the correct number.

Where end offices are appropriately equipped, international dialing may be provided. International dialing provides the capability of switching international calls with service prefix and address codes having more digits than are capable of being switched through a standard FGC or FGD equipped end office.

* As of July 1, 2021, the Joint Tandem Switched Transport rate element is applied per tandem to originating toll free minutes only, as set forth in 6.6.2 following, in lieu of the Tandem Switched Facility, Tandem Switched Termination and Tandem Switching rate elements.

(N)
|
(N)

ISSUED: June 1, 2021
EFFECTIVE: July 1, 2021

ISSUED BY:


Joel Dohmeier, Vice-President

Authorized by NH PUC Docket No.

ACCESS TARIFF

6. SWITCHED ACCESS SERVICE (Continued)

6.5 Rates Categories, Applications and Regulations (Continued)

6.5.3 End Office (Continued)

(A) Local Switching (Continued)

The Local Switching rate element is divided Premium and Nonpremium Local Switching. Rates for Local Switching are set forth in 6.6 following. For originating toll free minutes only, a different Local Switching rate is specified in 6.6 following. The application of these rates with respect to individual Switched Access Arrangements is as set forth in 6.5.5 following.

(C)
|
(C)

(1) Premium Local Switching

Premium Local Switching provides local dial switching in end offices converted to equal access and all originating and terminating access minutes where the service is provided to AT&T.

(2) Nonpremium Local Switching

In end offices not equipped with equal access capabilities, nonpremium Local Switching rates apply to all Feature Group A, Feature Group B, 800 Access Service, and 900 Access Service access minutes that originate from or terminate as such end offices. Nonpremium Local Switching rates shall only apply to non-AT&T customers.

ISSUED: June 1, 2021
EFFECTIVE: July 1, 2021

ISSUED BY: _____


Joel Dohmeier, Vice-President

Authorized by NH PUC Docket No.

ACCESS TARIFF

6. SWITCHED ACCESS SERVICE

6.6 Switched Access Rates and Charges (Continued)

6.6.2 Local Transport (Continued)

	Rate	
<u>Direct Trunked Transport</u>		
- <u>Direct Trunked Facility</u>		
Per Mile		
- Voice Grade	\$1.27	
- High Capacity DS1	\$5.97	
- High Capacity DS3	\$52.08	
- Synchronous Optical Channel OC3	\$55.76	
- Synchronous Optical Channel OC12	\$69.98	
- <u>Direct Trunked Transport Termination</u>		
Per Termination		
- Voice Grade	\$12.81	
- High Capacity DS1	\$31.02	
- High Capacity DS3	\$199.23	
- Synchronous Optical Channel OC3	\$207.44	
- Synchronous Optical Channel OC12	\$451.65	
<u>Multiplexing</u>		
Per Arrangement		
- DS3 to DS1	\$181.77	
- DS1 to Voice	\$70.18	
<u>Tandem Switched Transport</u>		
- <u>Tandem Switched Facility*</u>		(C)
Per Access Minute Per Mile		
-Terminating	\$0.000120	
-Originating	\$0.000188	
- <u>Tandem Switched Termination*</u>		(C)
Per Access Minute Per Termination		
-Terminating	\$0.000623	
-Originating	\$0.000979	
- <u>Tandem Switching*</u>		(C)
Per Access Minute Per Tandem		
-Terminating	\$0.001571	
-Originating	\$0.002468	
- <u>Joint Tandem Switched Transport*</u>		(N)
Per Originating Toll Free Only		
Access Minute, Per Tandem	\$0.001	(N)
<u>Network Blocking Per Blocked Call</u>		
Applies to FGD only	\$0.010000	

* The Joint Tandem Switched Transport rate element applies per tandem to originating toll free minutes only in lieu of the Tandem Switched Facility, Tandem Switched Termination and Tandem Switching rate elements as of July 1, 2021.

ISSUED: June 1, 2021
EFFECTIVE: July 1, 2021

ISSUED BY: 
Joel Dohmeier, Vice-President

Authorized by NH PUC Docket No.

ACCESS TARIFF

6. SWITCHED ACCESS SERVICE

6.6 Switched Access Rates and Charges (Continued)

6.6.2 Local Transport (Continued)

	<u>Rate</u>	
<u>Residual Interconnection Charge</u>		
(Non-Toll Free)		(T)
Per Originating Minute	\$0.006070	
(Toll Free)		(N)
Per Originating Minute	\$0.000000	(N)(R)
<u>800 Data Base Access Service Queries</u>		
Per Query		
- Basic	\$N/A	
- Feature	\$N/A	

6.6.3 End Office

(A) Local Switching, Per Access Minute

(Non-Toll Free)		(T)
- Terminating	\$0.000000	
- Originating	\$0.017800	
(Toll Free)		(N)
- Originating	\$0.008574	(N)(R)

(B) Information Surcharge, Per 100 Access Minutes

- Terminating	*	
- Originating (Non-Toll Free & Toll Free)	\$N/A	(T)

(C) Transitional End Office Access Service

Per Terminating Minute	\$0.000000
------------------------	------------

6.6.4 ILP Implementation Charge

\$0.00

6.6.5 Switched Access Assumed Minutes of Use

	<u>Orig Only</u>	<u>Term Only</u>	<u>2-Way</u>
Feature Group A	2,493	2,210	4,703
Feature Group B	5,042	5,042	5,042

*The terminating Information Surcharge is included in the terminating Local Switching rate.

ISSUED: June 1, 2021
EFFECTIVE: July 1, 2021

ISSUED BY:

Joel Dohmeier, Vice-President

Authorized by NH PUC Docket No. DT