

### **ACCESS SERVICE CHECK SHEET**

Title Page and pages 1 to 18-3 inclusive of this tariff are effective as of the date shown. Original and revised pages as named below contain all changes from the original tariff that are in effect on the date hereof.

<u>Page</u>	<u>Number of revision, except as indicated</u>	<u>Page</u>	<u>Number of revision, except as indicated</u>	<u>Page</u>	<u>Number of revision, except as indicated</u>
Title	2nd	2-19	Original	2-50	Original
1	5th*	2-20	Original	2-51	Original
2	2nd*	2-21	Original	2-52	Original
3	2nd	2-22	Original	2-53	Original
4	5th*	2-23	Original	2.53.1	Original*
5	3rd	2-24	Original	2.53.2	Original*
6	2nd	2-25	Original	2.53.3	Original*
7	2nd	2-26	Original	3-1	Original
8	3rd	2-27	Original	3-2	Original
9	3rd	2-28	Original	4-1	Original
10	4th*	2-29	Original	4-2	Original
11	3rd*	2-30	Original	4-3	Original
12	Original	2-31	Original	4-4	Original
1-1	Original	2-32	Original	5-1	Original
2-1	Original	2-33	Original	5-2	Original
2-2	Original	2-34	Original	5-3	Original
2-3	Original	2-35	Original	5-4	Original
2-4	Original	2-36	Original	5-5	Original
2-5	Original	2-37	Original	5-6	Original
2-6	Original	2-38	Original	5-7	Original
2-7	Original	2-39	Original	5-8	Original
2-8	Original	2-40	Original	5-9	Original
2-9	Original	2-41	Original	5-10	Original
2-10	Original	2-42	Original	5-11	Original
2-11	Original	2-43	Original	5-12	Original
2-12	Original	2-44	Original	5-13	Original
2-13	Original	2-45	Original	5-14	Original
2-14	Original	2-46	Original	5-15	Original
2-15	Original	2-47	Original	5-16	Original
2-16	Original	2-48	Original	5-17	Original
2-17	Original	2-49	Original	6-1	1st*
2-18	Original				

\*new or revised page

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ACCESS SERVICE

CHECK SHEET

<u>Page</u>	<u>Number of revision, except as indicated</u>	<u>Page</u>	<u>Number of revision, except as indicated</u>	<u>Page</u>	<u>Number of revision, except as indicated</u>
6-2	Original	6-36	Original	6-70	Original
6-3	Original	6-37	Original	7-1	Original
6-4	Original	6-38	Original	7-2	Original
6-5	Original	6-39	Original	7-3	Original
6-6	Original	6-40	Original	7-4	Original
6-7	Original	6-41	Original	7-5	Original
6-8	Original	6-42	Original	7-6	Original
6-9	Original	6-43	Original	7-7	Original
6-10	Original	6-44	Original	7-8	Original
6-11	Original	6-45	Original	7-9	Original
6-12	Original	6-46	Original	7-10	Original
6-13	Original	6-47	Original	7-11	Original
6-14	Original	6-48	Original	7-12	Original
6-15	Original	6-49	Original	7-13	Original
6-16	Original	6-50	Original	7-14	Original
6-17	Original	6-51	Original	7-15	Original
6-18	Original	6-52	Original	7-16	Original
6-19	Original	6-53	Original	7-17	Original
6-20	Original	6-54	Original	7-18	Original
6-21	Original	6-55	Original	7-19	Original
6-22	Original	6-56	Original	7-20	Original
6-23	Original	6-57	Original	7-21	Original
6-24	Original	6-58	Original	7-22	Original
6-25	Original	6-59	Original	7-23	Original
6-26	Original	6-60	Original	7-24	Original
6-27	Original	6-61	Original	7-25	Original
6-28	Original	6-62	Original	7-26	Original
6-29	Original	6-63	1st*	7-27	Original
6-30	Original	6-64	1st*	7-28	Original
6-31	Original	6-65	Original	7-29	Original
6-32	Original	6-66	Original	7-30	Original
6-33	Original	6-67	Original	7-31	Original
6-34	Original	6-68	Original	7-32	Original
6-35	Original	6-69	Original	7-33	Original

\*new or revised page

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<u>Page</u>	<u>Number of revision, except as indicated</u>	<u>Page</u>	<u>Number of revision, except as indicated</u>	<u>Page</u>	<u>Number of revision, except as indicated</u>
15-1	Original	17-7	Original		
15-2	Original	17-8	Original		
15-3	Original	17-9	Original		
15-4	Original	17-10	Original		
15-5	Original	17-11	Original		
15-6	Original	17-12	Original		
15-7	Original	17-13	Original		
15-8	Original	17-14	Original		
15-9	Original	18-1	Original		
15-10	Original	18-2	Original		
15-11	Original	18-3	Original		
15-12	Original				
15-13	Original				
16-1	Original				
16-2	1st*				
16-3	Original				
16-4	Original				
16-5	Original				
16-6	Original				
16-7	Original				
16-8	Original				
16-9	Original				
16-10	Original				
16-11	Original				
16-12	Original				
16-13	Original				
17-1	Original				
17-2	Original				
17-3	Original				
17-4	Original				
17-5	Original				
17-6	Original				

\*new or revised page

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**ACCESS SERVICE**

**ISSUING CARRIERS**

MANNING MUNICIPAL COMMUNICATION AND TELEVISION SYSTEM UTILITY  
D/B/A MMCTSU  
OSAGE MUNICIPAL COMMUNICATIONS UTILITY  
LENOX MUNICIPAL COMMUNICATION UTILITY  
MARTELLE COOPERATIVE TELEPHONE ASSOCIATION  
D/B/A MARTELLE COMMUNICATIONS COOP  
MONARC TECHNOLOGIES, LLC  
LAURENS MUNICIPAL BROADBAND COMMUNICATIONS UTILITY  
FIBERCOMM, L.C.

**CONCURRING CARRIERS**

NO CONCURRING CARRIERS

**EXPLANATION OF SYMBOLS USED IN TARIFF**

C-	to signify a change in regulation
D-	to signify a discontinued rate or regulation
I-	to signify an increased rate of charge
M-	to signify a relocation of material with no change
N-	to signify new material or a new rate or regulation
R-	to signify a reduced rate or charge
S-	to signify reissued material without change
T-	to signify a change in text only
Z-	to signify a correction

**EXPLANATION OF ABBREVIATIONS**

ANI	-Automatic Number Identification
BHMC	-Busy Hour Minutes of Capacity
BNA	-Bill Name and Address
BTN	-Billed Telephone Number
CCS	-Common Channel Signaling
CN	-Charge Number
CO	-Central Office
CPE	-Customer Premises Equipment

(N)

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**ACCESS SERVICE**EXPLANATION OF ABBREVIATIONS

CPN	-Calling Party Number	(M)
DA	-Directory Assistance	
FCC	-Federal Communications Commission	
IC	-Interexchange Carrier	
NPA	-Numbering Plan Area	
POT	-Point of Termination	
PSTN	-Public Switched Telephone Network	(N)
SP	-Signaling Point	
SPOI	-Signaling Point of Interface	
SRL	-Singing Return Loss	
SS7	-Signaling System 7	
SSP	-Service Switching Point	
STP	-Signaling Transfer Point	
TDM	-Time Division Multiplexing	(N)
TV	-Television	
V&H	-Vertical & Horizontal	
WATS	-Wide Area Telecommunications Service(s)	

REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof.

USE OF THE TARIFF

This tariff contains the regulations, rates and charges applicable to the provision of Access Service by the Issuing Carriers listed on Page 10.

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**ACCESS SERVICE**2. General Regulations (Cont'd)

(N)

2.6 Definitions (Cont'd)Automatic Number Identification (ANI)

The term "Automatic Number Identification" denotes the Multi-Frequency (MF) signaling parameter that identifies the billing number of the calling party.

Calling Party Number (CPN)

The term "Calling Party Number" denotes the SS7 signaling parameter that identifies the subscriber line number or directory number of the calling party.

Charge Number (CN)

The term "Charge Number" denotes the SS7 signaling parameter that identifies the billing telephone number of the calling party

Customer(s)

The term "Customer(s)" denotes any individual, partnership, association, joint-stock company, trust, corporation, or governmental entity or other entity which subscribes to the services offered under this tariff, including but not limited to End Users, Interexchange Carriers (ICs) and other telecommunications carriers or providers originating or terminating Toll VoIP-PSTN Traffic.

End User

The term "End User" means any customer of an interstate or foreign telecommunications service that is not a carrier, except that a carrier other than a telephone company shall be deemed to be an "end user" when such carrier uses a telecommunications service for administrative purposes, and a person or entity that offers telecommunications service exclusively as a reseller shall be deemed to be an "end user" if all resale transmissions offered by such reseller originate on the premises of such reseller.

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## ACCESS SERVICE

### 2. General Regulations (Cont'd)

(N)

#### 2.6 Definitions (Cont'd)

##### 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 engaged for hire in interstate or foreign communication by wire or radio, between two or more exchanges.

##### Internet Protocol (IP) Signaling

The term "Internet Protocol (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.

##### Multi-Frequency (MF) Signaling

The term "Multi-Frequency (MF) Signaling" denotes an in-band signaling method in which call signaling information is transmitted between network switches using the same voiceband channel used for voice.

##### Originating Direction

The term "Originating Direction" denotes the use of Access Service for the origination of calls from an End User Premises to a Customer's Premises.

##### Remote Switching Modules/Systems

The term "Remote Switching Modules/Systems" denotes small, remotely controlled electronic end office switches which obtain their call processing capability from an electronic Host Central Office. The Remote Switching Modules/Systems cannot accommodate direct trunks.

(N)

**ACCESS SERVICE**

2. General Regulations (Cont'd)

2.6 Definitions (Cont'd)

Terminating Direction

The term "Terminating Direction" denotes the use of Access Service for the completion of calls from a Customer's premises to an End User premises.

Toll VoIP-PSTN Traffic

The term "Toll VoIP-PSTN Traffic" denotes a customer's interexchange voice traffic exchanged with the Telephone Company in Time Division Multiplexing Format over PSTN facilities, which originates and/or terminates in Internet Protocol (IP) format. "Toll VoIP-PSTN Traffic" originates and/or terminates in IP format when it originates from and/or terminates to an end user customer of a service that requires IP-compatible customer premises equipment.

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**ACCESS SERVICE****6. Switched Access Service****6.1 General**

Switched Access Service, which is available to customers for their use in furnishing their services to end users, provides a communication path between a customer premises and an end user's premises. It provides for the use of common terminating, switching and trunking facilities and common subscriber plant of the Telephone Company. Switched Access Service provides for the ability to originate calls from an end user's premises to a customer premises, and to terminate calls from a customer premises to an end user's premises in the LATA where it is provided. Specific references to materials describing the element of Switched Access Service are provided in Section 6.2, following.

Rates and charges for Switched Access Service depend generally on the specific Feature Group ordered by the customer, e.g., for MTS or WATS services or MTS/WATS equivalent services or Toll Free Number Data Base Access Service. Rates and Charges for Switched Access Service is described in Section 6.7.1, following.

The following provision applies to the treatment of Toll VoIP-PSTN Traffic pursuant to the Federal Communications Commission's Part 51 Interconnection Rules and in compliance with the Federal Communications Commission's Report and Order and Further Notice of Proposed Rulemaking in CC Docket Nos. 96-45 and 01-92; GN Docket No. 09-51; WC Docket Nos. 03-109, 05-337, 07-135 and 10-90; and WT Docket No. 10-208, adopted October 27, 2011 and released November 18, 2011 (FCC 11-161). In the absence of an interconnection agreement between the Telephone Company and the customer specifying the treatment of Toll VoIP-PSTN Traffic, the Telephone Company will bill the customer the applicable switched access rates and charges specified in Sections 12.3, 13.3, 14.2, 15.3, 16.2, 17.3, and 18.3 following, on all jurisdictionally interstate voice traffic identified as Toll VoIP-PSTN Traffic.

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**6.2 Rate Categories**

There are three rate categories which apply to Switched Access Service:

- Local Transport
- End Office
- Chargeable Optional Feature

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## ACCESS SERVICE

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

#### 6.6 Obligations of the Customer

In addition to the obligations of the customer set forth in Section 2.3, preceding, the customer has certain specific obligations pertaining to the use of Switched Access Service. These obligations are as follows:

##### 6.6.1 Supervisory Signaling

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

##### 6.6.2 Trunk Group Measurement Reports

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 groups' utilization and service performance and will be provided based on previously arranged intervals and format.

##### 6.6.3 Call Signaling

Depending on the signaling system used by the customer in its network, the customer's facilities shall transmit the following call signaling information to the Telephone Company on traffic the customer's and users originate which is handed off for termination on the Telephone Company's network.

###### (A) Signaling System 7 (SS7) Signaling

When the customer uses SS7 signaling, it will transmit the Calling Party Number (CPN) or, if different from the CPN, the Charge Number (CN) information in the SS7 signaling stream.

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## ACCESS SERVICE

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

#### 6.6 Obligations of the Customer (Cont'd)

##### 6.6.3 Call Signaling (Cont'd)

(B) Multi-Frequency (MF) Signaling

When the customer uses MF signaling, it will transmit the number of the calling party or, if different from the number of the calling party, the Charge Number (CN) information in the MF Automatic Number Identification (ANI) field.

(C) Internet Protocol (IP) Signaling

When the customer uses IP signaling, it will transmit the telephone number of the calling party or, if different from the telephone number, the billing number of the calling party.

(N)

(N)

#### 6.7 Rate Regulations

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

##### 6.7.1 Application of Rates and Charges

(A) Nonrecurring Charges

Nonrecurring charges apply to each installation of service as a one-time charge. Nonrecurring charges are set forth in Section 12, following. Changes to existing services other than administrative changes will be treated as a discontinuance of the existing service and an installation of a new service.

(1) Installation of Service

A Local Transport nonrecurring installation charge as set forth in Section 12, following, will be applied at the serving wire center for each Entrance Facility installed.

**ACCESS SERVICE**

16. Rates and Charges for Monarc Technologies, LLC

16.2 Switched Access Service

The rates and charges for the switched access service offered in this tariff are the same as those set forth in the Frontier Communications of Minnesota and Iowa Tariff FCC NO. 3.

(Z)

(A) Nonrecurring Charges

(1) Local Transport-Installation

Per Entrance Facility

- (a) Voice Grade Two Wire
- (b) Voice Grade Four Wire
- (c) High Capacity DS1
- (d) High Capacity DS3

(B) Trunk Activation

(C) Flexible ANI