Regulations, Rates and charges Applying to the Provision of Access Services for Connection to Intrastate Communications Facilities for Customers within the operating Territory of Northland Telephone Company of Maine, Inc. d/b/a
FairPoint Communications - Northland Telephone Company of Maine

Effective in the Towns of
East Conway and Chatham, New Hampshire


## TABLE OF CONTENTS

## Section

1. Carrier Common Line Access Service
1.1 Description
1.2 Limitations
1.3 Undertaking of the Telephone Company
1.4 Obligations of the Customer
1.5 Rate Regulations
1.6 Carrier Common Line Access Service Rates

1A. Switched Access Service

1A. 1 Identification and Rating of VoIP-PSTN Traffic
LA. 2 Rates and Charges for Switched Access Services
2. Rates and Charges for Special Access Services
3. Rates and Charges for Other Services
3.1 IntraLATA Presubscription Rates


## 1. Carrier Common Line Access Service

### 1.1 Description

A. Carrier common line access provides for the use of end users' Telephone Company provided common lines by customers for access to such end users to furnish intrastate communications. Carrier common line access also provides for the use of switched access service terminating in 800 database access line service.

1. The Telephone Company will provide carrier common line access service to customers in conjunction with switched access service provided in Section .3.
B. The STP port, as set forth in Section 1A.2, is not subject to a carrier common line charge.

### 1.2 Limitations

A. A telephone number is not provided with carrier common line access.
B. Detail billing is not provided for carrier common line access.
C. Directory listings are not included in the rates and charges for carrier common line access.
D. Intercept arrangements are not included in the rates and charges for carrier common line access.
E. All trunkside connections provided in the same access group will be limited to the same features and operating characteristics.
F. All lineside connections provided in the same access group will be limited to the same features and operating characteristics.

## 1. Carrier Common Line Access Service (Contd.)

### 1.3 Undertaking of the Telephone Company

A. Scope

1. Where the customer is provided with switched access service under this tariff, the Telephone Company will provide the use of Telephone Company common lines by a customer for access to end user.
2. When the customer reports interstate and intrastate use of switched access service, the associated carrier common line access used by the customer for both interstate and intrastate will be apportioned as set forth in Section 1.5.B.3.
1.4 Obligations of the Customer

## A. Reselling MTS/MTS Type Service

Where the customer is reselling MTS and/or MTS type services) on which the carrier common line access and switched access charges have been assessed, the customer will obtain FGA, FGB or FGD switched access service under this tariff for originating and/or terminating access in the local exchange.

Such access group arrangements whether single trunks or trunk groups will have carrier common line access charges applied
B. Customer Facilities

The customer facilities at the premises of the ordering customer shall provide the necessary on hook and off hook supervision.

## 1. Carrier Common Line Access Service (Contd.)

### 1.5 Rate Regulations

## A. Application of Rates and Charges

1. General- Except as set forth herein, all switched access service provided to the customer will be subject to carrier common line access charges in those instances where the customer uses the Telephone Company common line for access to end users.
2. When access to the local exchange is required to provide a customer service (e.g., MTS type, Telex, Data, etc.) that uses resold IC's private line service, switched access service rates and regulations as set forth in Section 1A will apply except when such access to the local exchange is required for the provision of an enhanced service. Carrier common line access rates and charges apply.
3. The switched access service provided by the Telephone Company includes the switched access service provided for both interstate and intrastate communications. The carrier common line access rates and charges will be billed to switched access service provided under this tariff in accordance with Section 1.5.B.3.
4. Where switched access services connect with private line type services at Telephone Company designated WSOs for provision of WATS or WATS type services, switched access service minutes which are carried on that end of the service (ie., originating minutes for outward WATS and WATS type services) will be assessed carrier common line access per minute charges.

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

### 1.5 Rate Regulations (Contd.)

B. Determination of Charges

1. When carrier common line access is provided in association with FGA or FGB switched access service in Telephone Company offices that are not equipped for measurement capabilities, assumed average intrastate access minutes will be used to determine carrier common line access charges. The assumed access minutes are determined in accordance with Section 6.5.4 of The FairPoint Telephone Companies Tariff F.C.C. No. 2.
2. When access minutes are used to determine carrier common line access charges, they will be accumulated using call detail recorded by Telephone Company equipment.
a. The Telephone Company measuring and recording equipment will be associated with end office or local tandem switching equipment and will record originating access minutes and terminating access minutes where answer supervision is received.
b. The accumulated access minutes will be summed on a line by line basis, by line group or end office, whichever type of account is used by the Telephone Company, for each customer and then rounded to the nearest minute.

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

### 1.5 Rate Regulations (Cont'd.)

B. Determination of Charges (Cont'd.)
3. When the customer reports interstate and intrastate use of switched access service, the carrier common line access minutes developed by the Telephone Company, will be multiplied by percentages reported by the customer (refer to Section 2.11 .3 of The FairPoint Telephone Companies Tariff F.C.C No. 2). The result will then be used to determine the carrier common line charges. The charges for the involved customer account will be determined as follows.
a. The access minutes for all switched access service subject to carrier common line charges will be multiplied by the per minute rate.
b. The terminating switched access per minute charge applies to all non 800 access terminating access minutes of use. The terminating switched access per minute charge also applies to all terminating 800 access minutes of use which terminate on a common line. The number of such minutes will be obtained from reports furnished by the customer (refer to Section 2.11.3 of The FairPoint Telephone Companies Tariff F.C.C No. 2).
c. The terminating 800 database access service per minute charge applies to all 800 terminating usage which terminates in a WAL service as provided from The FairPoint Telephone Companies Tariff FCC No. 1. The number of such minutes will be obtained from reports furnished by the customer (refer to Section 2.11.3 of The FairPoint Telephone Companies Tariff F.C.C No. 2).
d. The originating switched access per minute charge applies to all non 800 originating access minutes of use less those originating access minutes of use associated with FGA access services where the off hook supervisory signaling is forwarded by the customer's equipment when the called party answers.


## 1. Carrier Common Line Access Service (Contd.)

1.5 Rate Regulations (Contd.)
B. Determination of Charges (Contd.)
3. (Contd.)
e. The originating 800 database access specific per minute charge applies to all originating access minutes of use associated with calls placed to 800 numbers. The originating 800 specific access per minute charge also applies to all originating usage which terminates in a WAL service as provided from The FairPoint Telephone Companies Tariff FCC No. 2. The number of such minutes will be obtained from reports furnished by the customer (refer to Section 2.11.3 of The FairPoint Telephone Companies Tariff F.C.C No. 2).
1.6 Carrier Common Line Access Service Rates
Premium Access $\quad$ Recurring Rate

- Terminating Per Access Minute $\$ .002$
- Originating Per Access Minute $\$ .002$


## Non Premium Access

(intentionally left blank)


## 1A. Switched Access Services

Except as otherwise set forth in this section, the rates and charges for Intrastate Switched Access Services provided by the Telephone Company are set forth in this Section. For descriptions of services, terms and conditions, refer to The FairPoint Telephone Companies Tariff F.C.C. No. 2. Services are subject to availability.

1A. 1 Identification and Rating of VoIP-PSTN Traffic
A. Scope - VoIP-PSTN Traffic is the traffic exchanged in time division multiplexing ("TDM") format that originates and/or terminates in Internet protocol ("IP") format. Traffic originates and/or terminates in IP format if it originates from and/or terminates to an end user customer of a service that requires Internet protocol compatible customer premises equipment.

This section governs the identification of VoIP-PSTN Traffic that is required to be compensated at interstate access rates (unless the parties have agreed otherwise) by the Federal Communications Commission in its Report and Order in WC Docket Nos. 10-90 et. al., FCC No. 11-161 (November 18, 2011) ("FCC Order"). Specifically, this section establishes the method of separating such traffic (referred to in this tariff as "Relevant VoIP-PSTN Traffic") from the Customer's traditional intrastate access traffic, so that such Relevant VoIP-PSTN Traffic can be billed in accordance with the FCC Order.
B. Rating of VoIP-PSTN Traffic - The Relevant VoIP-PSTN Traffic identified in accordance with this tariff section will be billed in accordance with the Company's applicable interstate switched access tariff, The FairPoint Telephone Companies Tariff F.C.C. No. 2.


## 1A. Switched Access Services (Cont'd)

## 1A. 1 Identification and Rating of VoIP-PSTN Traffic (Cont'd)

C. Calculation and Application of Percent-VoIP-Usage Factor - The Company will determine the number of Relevant VoIP-PSTN Traffic minutes of use ("MOU") to which interstate rates will be applied under subsection B., above, by applying a Percent VoIP Usage ("PVU") factor to the total intrastate access MOU (however determined - either based on call detail information or PIU) exchanged between the Company and the Customer. The PVU will be derived and applied as follows:

1. The Customer will calculate and furnish to the Company a factor (the "PVU-A") representing the percentage of the total intrastate and interstate access MOU that the Customer exchanges with the Company in the State, that (a) is sent to the Company and that originates in IP format; or (b) is received from the Company and terminates in IP format. This PVU-A shall be based on information such as the number of the Customer's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.
2. Company will, likewise, calculate a factor (the "PVU-B") representing the percentage of the Company's total access MOU in the State that the Company originates or terminates in IP format. This PVU-B shall be based on information such as the number of the Company's retail VoIP subscriptions in the state (e.g., as reported on FCC Form 477), traffic studies, actual call detail, or other relevant and verifiable information.
3. The Company will use the PVU-A and PVU-B factors to calculate an effective PVU factor that represents the percentage of total access MOU exchanged between the Company and the Customer that is originated or terminated in IP format, whether at the Company's end, at the Customer's end, or at both ends. The PVU factor will be calculated as the sum of: A. the PVU-A factor and B. the PVU-B factor times (1.0 minus the PVU-A factor).


## 1A. Switched Access Services (Contd)

1A. 1 Identification and Rating of VoIP-PSTN Traffic (Contd)
C. Calculation and Application of Percent-VoIP-Usage Factor (Cont'd)
4. The Company will apply the effective PVU factor to the total intrastate access MOU exchanged with the Customer to determine the number of Relevant VoIP-PSTN Traffic NOUs.

Example 1: The PVU-B is $10 \%$ and the PVU-A is $40 \%$. The effective PVU factor is equal to $40 \%+(10 \% \times 60 \%)=46 \%$. The Company will bill $46 \%$ of the Customer's intrastate access MOU in accordance with the Company's applicable interstate switched access tariff.

Example 2: The PVU-B is $10 \%$ and the PVU-A is $0 \%$. The effective PVU factor is $0 \%+(100 \% \times 10 \%)=10 \%$. The Company will bill $10 \%$ of the Customer's intrastate access MOU in accordance with the Company's applicable interstate switched access tariff.

Example 3: The PVU-A is $100 \%$. No matter what the PVU-B factor is, the effective PVU is $100 \%$. The Company will bill $100 \%$ of the Customer's intrastate access MOU in accordance with the Company's applicable interstate switched access tariff.
5. If the Customer does not furnish the Company with a PVU-A pursuant to the preceding paragraph 1 , the Company will utilize an effective PVU equal to the PVU-B.
D. Initial PVU Factor - If the PVU factor is not available and/or cannot be implemented in the Company's billing systems by December 29, 2011, once the factor is available and can be implemented the Company will adjust the Customer's bills to reflect the PVU retroactively to December 29, 2011. In calculating the initial PVU, the Company will take the Customer-specified PVUA into account retroactively to December 29, 2011, provided that the Customer provides the factor to the Company no later than June 30, 2012; otherwise, it will set the initial PVU equal to the PVU-B, as specified in subsection C.5., above.


## 1A. 1 Identification and Rating of VoIP-PSTN Traffic (Cont'd)

E. PVU Factor Updates - The Customer may update the PVU-A factor or the Company may update the PVU-B quarterly using the method set forth in subsection C.1., above. If the Customer chooses to submit such updates, it shall forward to the Company, no later than 15 days after the first day of January, April, July and/or October of each year, a revised PVU-A factor based on data for the prior three months, ending the last day of December, March, June and September, respectively. The Company will use the revised PVU-A to calculate a revised PVU. The revised PVU factor will apply prospectively and serve as the basis for billing until superseded by a new PVU.
F. PVU Factor Verification - Not more than twice in any year, the Company may ask the Customer to verify the PVU-A factor furnished to the Company and Customer may ask the Company to verify the PVU-B factor and the calculation of the PVU factor. The party so requested shall comply, and shall reasonably provide the records and other information used to determine the respective PVUA and PVU-B factors.

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1A. Switched Access Services (Contd)

1A. 2 Rates and Charges for Switched Access Services
A. Nonrecurring Charges
(1) Local Transport - Installation Per Entrance Facility

- Voice Grade Two-Wire
- Voice Grade Four-Wire
- High Capacity DS1
- High Capacity DS3 \$499.00
- Synchronous Optical Channel OC3
- Synchronous Optical Channel OCI2
(2) Interim NXX Translation Per Order

Per LATA or Market Area
$\$ 81.00$
6.4.1.(B)(2)
(3) FGC and FGD Conversion of Multifrequency Address Signaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling

- Per 24 Trunks Converted or Fraction thereof on a Per Order Basis $\quad \$ 260.00$
6.4.1(B)(1)
$\$ 161.00$
$\$ 161.00$
$\$ 181.00$
$\$ 786.00$
$\$ 786.00$
Rate
6.4.1.(B)(3)

Nonrecurring FairPoint Tariff No. 2 Section Reference
(4) Trunk Activation Per Order

$$
\begin{array}{lll}
\text { Per } 24 \text { Trunks Activated } & \$ 249.00  \tag{B}\\
\text { or Fraction thereof, on } & \\
\text { a Per Order Basis }
\end{array}
$$

(5) (intentionally left blank)
(6) Flexible Automatic Number Identification (Flex ANI)

- Per End Office, Per CIC None
$6.10 .1(\mathrm{AA})$


Northland Telephone Company of Maine, Inc.
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1A. Switched Access Services (Cont'd)
1A. 2 Rates and Charges for Switched Access Services (Cont'd)
B. Local Transport

Premium Access
Entrance Facility
Per Termination

- Voice Grade Two-Wire
- Voice Grade Four-Wire
- High Capacity DS1
- High Capacity DS3
- Synchronous Optical

Channel OC3

- Synchronous Optical Channel OC12
- Direct Trunked Transport
- Direct Trunked Facility

Per Mile

- Voice Grade \$ 2.70
- High Capacity DSI \$ 19.14
- High Capacity DS3 \$ 131.77
- Synchronous Optical
- Channel OC3 \$ 140.00
- Synchronous Optical Channel OC12 \$ 280.00
- Direct Trunked Termination

Per Termination

- Voice Grade $\quad \$ 27.08$
- High Capacity DSI \$ 94.38
- High Capacity DS3 \$ 525.64
- Synchronous Optical
- Channel OC3 \$ 484.49
- Synchronous Optical
- Channel OCI2 $\$ 1,807.00$

Recurring Rate
\$ 37.83
\$ 60.53
\$ 176.82
\$2,051.19
\$1,361.19
$\$ 2,656.80$

FairPoint Tariff No. 2
Section Reference
6.1.3(A)(1)
6.1.3(A)(2)

Northland Telephone Company of Maine, Inc.

1A. Switched Access Services (Cont'd)
1A. 2 Rates and Charges for Switched Access Services (Contd)
B. Local Transport (Contd)

Premium Access (Contd)

- $\quad$ Multiplexing

Per Arrangement

- DS3 to DS1
- DSI to Voice
- $\quad$ Customer Node

Per Node

- OC3 155.52 Mbps
- OC12 622.08 Mbps

Recurring FairPoint Tariff No. 2
Rate Section Reference
Nonrecurring Charge
6.1.3(A)(5)
\$ 474.31
\$ 183.12
6.1.3(A)(6)
\$ $495.00 \quad \$ 197.00$
\$1,430.00 \$197.00

- $\quad$ Customer Premises Port

Per Port

| - OC3 | 155.52 | Mbps | $\$$ | 150.00 |
| :--- | :--- | :--- | ---: | :--- |
|  |  |  |  |  |
| - STS-1 | 51.84 | Mbps | $\$ 195.00$ | $\$ 213.00$ |
| - DS3 | 44.736 | Mbps | $\$ 195.00$ | $\$ 213.00$ |
| - DS1 | 1.544 | Mbps | $\$$ | 50.00 |

- Add/Drop Multiplexing

Central Office Port
Per Port

| - OC3 | 155.52 Mbps | $\$$ | 150.00 |  |
| :--- | :--- | :--- | :--- | :--- |
| - DS3 | 44.736 | Mbps | $\$$ | 100.00 |
| - DS1 | 1.544 | Mbps | $\$$ | 40.00 |

Northland Telephone Company of Maine, Inc.

1A. Switched Access Services (Contd)
1A. 2 Rates and Charges for Switched Access Services (Contd)

| B. Local Transport (Contd) | Recurring <br> Rate | FairPoint Tariff No. 2 <br> Section Reference |
| :--- | :--- | :--- |
| Premium Access (Cont'd) |  |  |
| -Tandem Switched Transport <br> $-\frac{\text { Tandem Switched Facility }}{\text { Per Access Minute Per Mile }}$ | $\$ .000249$ | $6.1 .3(\mathrm{~A})(3)$ |

- Tandem Switched Termination Per Access Minute Per Tandem
$\$ .001228$
- Tandem Switching

Per Access Minute Per Tandem $\$ .003507$

- Transport Interconnection Charge

Per Access Minute
(Discontinued)

## Non-Premium Access

(intentionally left blank)
Network Blocking Per Blocked Call $\$ .0135$
6.8.6

Applies to FGD only

1A. Switched Access Services (Cont'd)
1A. 2 Rates and Charges for Switched Access Services (Cont'd)
B. Local Transport (Cont'd) $\quad \begin{array}{ll}\text { Recurring } & \begin{array}{l}\text { FairPoint Tariff No. } 2 \\ \text { Section Reference }\end{array}\end{array}$
(1) Common Channel Signaling Network Connection
(a) Signaling Network Access Link

- Signaling Mileage

Facility per mile
$\$ 3.96$

- Signaling Mileage

Termination per Termination $\$ 39.79$

- Signaling Entrance Facility Per Facility \$69.82
(b) STP Port
- Per Port
$\$ 455.00$
$\$ 177.00$
(2) $\underline{800 \text { Data base Access Service Queries }}$

Per Query
6.10.3(D)

| Basic | $\$ .0054$ |
| :--- | :--- |
| Vertical Feature | $\$ .0059$ |

Nonrecurring
Charge

Vertical Feature $\$ .0059$

Northland Telephone Company of Maine, Inc.

1A. Switched Access Services (Cont'd)
1A. 2 Rates and Charges for Switched Access Services (Contd)
C. End Office
(1) Local Switching

Premium
Per Access Minute $\quad \$ .020462 \quad 6.1 .3(\mathrm{~B})(1)$
Non-Premium
(intentionally left blank)
(2) Information Surcharge

| - Premium Per 100 | $\$ .0208$ | $6.1 .3(B)(2)$ |
| :--- | :--- | :--- |
| Access Minutes |  |  | Access Minutes

- Non-Premium (intentionally left blank)

Northland Telephone Company of Maine, Inc.

1A. Switched Access Services (Cont'd)
1A. 2 Rates and Charges for Switched Access Services (Contd)
D. Feature Group B (FGB) with an Abbreviated Dialing Arrangement (ADA) Rate Factor
(intentionally left blank)
$\qquad$

1A. Switched Access Services (Cont'd)
1A. 2 Rates and Charges for Switched Access Services (Cont'd)
E. Directory Assistance
(1) Directory Assistance Service

A Directory Assistance Service Charge applies for each call to Directory Assistance Service.
(2) (intentionally left blank)
(3) Credit Allowance for Uncompleted DA Calls
(intentionally left blank)

Recurring FairPoint Tariff No. 2 Rate Section Reference
$\$ 1.01$
9.4.2
$\qquad$

1A. Switched Access Services (Contd)
1A. 2 Rates and Charges for Switched Access Services (Contd)
F. Assumed Minutes of Use

|  | Tariff |
| :---: | :--- |
| Recurring | Section |
| Rate | Reference |

G. Operator Transfer Service

Per Call Transferred $\quad \$ 0.4588 \quad$ 6.10.3(B)


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## 2. Rates and Charges for Special Access Services

The Telephone Company assents to, adopts, and concurs with the schedules of rates, terms and, conditions in The FairPoint Telephone Companies Tariff F.C.C. No. 2, Section 7, Special Access Services, and Section 17.3, Rates and Charges for Special Access Services, except for transport charges which will be assessed on an exchange basis. Services are subject to availability.

## 3. Rates and Charges for Other Access Services

The Telephone Company assents to, adopts, and concurs with the schedules of rates, terms and conditions in The FairPoint Telephone Companies Tariff F.C.C. No. 2, Section 13, Additional Engineering, Additional Labor and Miscellaneous Services, and Section 17.4, Rates and Charges, Other Services. Services are subject to availability.

### 3.1 IntraLATA Presubscription Rates

Per telephone exchange service line or trunk

- Manual processing

Nonrecurring Charge

- Electronic processing
\$1.25
When a customer requests a change in Presubscription for both interLATA and IntraLATA PICs be done simultaneously, the non-recurring charge per telephone exchange service line or trunk for such changes shall equal one half $(1 / 2)$ of the rate above.

