APPENDIX A TO THE PRICING ATTACHMENT[[1]](#footnote-1) (MIF13)

FRONTIER MIDSTATES INC.

FRONTIER NORTH INC.

Michigan v2.1

Rates and Charges for Transport and Termination of Traffic[[2]](#footnote-2)

Reciprocal Compensation Traffic Termination

Reciprocal Compensation Traffic End Office Rate: **Bill and Keep**

Reciprocal Compensation Traffic Tandem Rate: **Bill and Keep**

The Tandem Transit Service Charge: **$0.0031360**♣ **per mou**

Entrance Facility and Transport for Interconnection Charges: **Per Intrastate Special Access Tariff**

Exchange Access Service: **Per Frontier Interstate and/or Frontier Intrastate Access Tariff**

Non-Recurring Charges (NRCs) for Resale Services

Pre-ordering

CLEC Account Establishment Per CLEC $ 273.09

Customer Record Search Per Account $ 11.69

Ordering and Provisioning

Engineered Initial Service Order (ISO) - New Service $ 311.98

Engineered Initial Service Order - As Specified $ 123.84

Engineered Subsequent Service Order $ 59.61

Non-Engineered Initial Service Order - New Service $ 42.50

Non-Engineered Initial Service Order – Changeover $ 21.62

Non-Engineered Initial Service Order - As Specified $ 82.13

Non-Engineered Subsequent Service Order $ 19.55

Central Office Connect $ 12.21

Outside Facility Connect $ 68.30

Manual Ordering Charge $ 12.17

Custom Handling:

Service Order Expedite:

Engineered $ 35.48

Non-Engineered $ 12.59

Coordinated Conversions: $ 17.76

Central Office Connection $ 10.71

Outside Facility Connection $ 9.59

Hot Coordinated Conversion First Hour:

ISO $ 30.55

Central Office Connection $ 42.83

Outside Facility Connection $ 38.34

Hot Coordinated Conversion per Additional Quarter Hour:

ISO $ 4.88

Central Office Connection $ 9.43

Outside Facility Connection $ 8.37

**Application of NRCs**

Pre-ordering:

CLEC Account Establishment is a one-time charge applied the first time that {{ACNA}} orders any service from this Agreement.

Customer Record Search applies when {{ACNA}} requests a summary of the services currently subscribed to by the end-user.

Ordering and Provisioning:

Engineered Initial Service Order - New Service applies per Local Service Request (LSR) when engineering work activity is required to complete the order, e.g. digital loops.

Non-Engineered Initial Service Order - New Service applies per LSR when no engineering work activity is required to complete the order, e.g. analog loops.

Initial Service Order - As Specified (Engineered or Non-Engineered) applies only to Complex Services for services migrating from Frontier to {{ACNA}}. Complex Services are services that require a data gathering form or have special instructions.

Non-Engineered. Initial Service Order - Changeover applies only to Basic Services for services migrating from Frontier to {{ACNA}}. End-user service may remain the same or change.

Central Office Connect applies in addition to the ISO when physical installation is required at the central office.

Outside Facility Connect applies in addition to the ISO when incremental fieldwork is required.

Manual Ordering Charge applies to orders that require Frontier to manually enter {{ACNA}}'s order into Frontier's Secure Integrated Gateway System (SIGS), e.g. faxed orders and orders sent via physical or electronic mail.

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite (Engineered or Non-Engineered) applies if {{ACNA}} requests service prior to the standard due date intervals.

Coordinated Conversion applies if {{ACNA}} requests notification and coordination of service cut over prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if {{ACNA}} requests real-time coordination of a service cut-over that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

Prices for Unbundled Network Elements[[3]](#footnote-3)

**Monthly Recurring Charges**

**Local Loop**

2 Wire Digital Loop (inclusive of NID) $ 26.16♣

4 Wire Digital Loop (inclusive of NID) $ 42.09♣

DS1 Loop $ 135.44

DS3 Loop $ 1,081.93

Supplemental Features:

ISDN BRI Line Loop Extender $ 4.32

DS1 Clear Channel Capability $ 24.00

**Subloop**

2-Wire Distribution $ 15.33♣

4-Wire Distribution $ 28.23♣

2-Wire Drop $ 2.58♣

4-Wire Drop $ 4.44♣

InsideWire BFR

**Network Interface Device (leased separately)**

Basic NID $ 0.77♣

Complex (12x) NID $ 1.80♣

**Dedicated Transport Facilities**

Interoffice Dedicated Transport (IDT)

IDT DS0 Transport Facility, per ALM $ 0.20♣

IDT DS0 Transport Termination $ 22.99♣

Multiplexing (Dedicated Transport)

DS1 to Voice Multiplexing $ 341.49♣

DS3 to DS1 Multiplexing $ 821.69♣

DS1 Clear Channel Capability $ 24.00

**Unbundled Dark Fiber**

Unbundled Dark Fiber Loop $ 67.13

Unbundled Dark Fiber Dedicated Transport

Dark Fiber IDT, Facility $ 24.80

Dark Fiber IDT, Termination $ 6.34

Intermediate Office Cross Connect TBD

**Line Splitting (also referred to as “Loop Sharing”)**[[4]](#footnote-4) [[5]](#footnote-5)

|  |  |  |
| --- | --- | --- |
| **A. Unbundled Local Loops** | As Applicable per this Appendix A for UNE Local 2-Wire Digital (DSL qualified) Loops Monthly Recurring Charges and Non-Recurring Charges as amended from time to time. Includes, without limitation, Recurring 2-Wire Digital (DSL qualified) Loop Charges, Service Order Charge (per order), Service Connection Charge\* (per loop), Service Connection-Other Charge\* (per loop), and Provisioning charges. Also includes, without limitation, if applicable, Field Dispatch, TC Not Ready, Loop Qualification, Engineering Query, Engineering Work Order, Trouble Dispatch, Misdirects, Dispatch In, Out, and Dispatch Expedites, Installation Dispatch, Manual Intervention, Expedited, Digital Designed Recurring and Non-Recurring Charges. | |
| **B. Other Charges** | **i. Regrade** | NRC $ 8.09 |
|  | **ii. \*Service Connection**  **\*Service Connection/ Other** | A second Service Connection NRC andService Connection/Other NRC applies on New Loop Sharing Arrangements involving the connection of both voice and data connections. |
|  | **iii. Disconnect** | A disconnect NRC applies, as applicable, on total Loop Sharing disconnects. |
|  | **iv. Line and Station Transfers/Pair Swaps** | An LST/Pair Swap NRC applies, as applicable, on LST activity performed on New Loop Sharing Arrangements. |
| **C. Collocation Rates**  Collocation Rates (including, without limitation, Splitter Connection and Installation Rates) | As Applicable per this Appendix A. | |

**NON-RECURRING CHARGES**

**Loops and Sub-Loops**

Service Ordering

Initial Service Order (ISO), per order $ 5.00♣

Transfer of Service Charge, per order $ 5.00♣

Subsequent Service Order, per order $ 5.00♣

Installation

Unbundled Loop, per loop and sub-loop $ 2.32♣

Loop Facility Charge, per trip[[6]](#footnote-6) $ 12.75♣

Trouble Isolation Charge (TIC),

per qtr hr and subsequent qtr hr thereafter $ 7.00

Customer Service Record Research, per request $ 5.00♣

**Loops Digital (2 and 4 Wire Compatible Digital Loops)**

Service Ordering

Initial Service Order (ISO), per order $ 5.00♣

Transfer of Service Charge, per order $ 5.00♣

Subsequent Service Order, per order $ 5.00♣

Installation

Unbundled Loop, per loop and sub-loop $ 2.32♣

Loop Facility Charge, per trip $ 12.75♣

Customer Service Record Research, per request $ 5.00♣

**Custom Handling**

Coordinated Conversions

ISO $ 17.76

Central Office Connection $ 9.43

Outside Facility Connection $ 8.09

Hot Coordinated Conversion First Hour

ISO $ 23.91

Central Office Connection $ 37.72

Outside Facility Connection $ 32.36

Hot Coordinated Conversion per Additional Quarter Hour

ISO $ 4.88

Central Office Connection $ 9.43

Outside Facility Connection $ 8.37

**NON-RECURRING CHARGES – OTHER UNEs & MISC**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **LOCAL WHOLESALE SERVICES** | **Ordering** | | **Provisioning** | |
| **100%**  **Manual** | **Semi-**  **Mech.** | **Initial**  **Unit** | **Addt'l**  **Unit** |
|  |  |  |  |  |
| **UNBUNDLED NID** |  |  |  |  |
|  |  |  |  |  |
| Exchange, Basic | $ 27.06 | $ 18.83 | $ 33.39 | N/A |
|  |  |  |  |  |
| **UNBUNDLED DARK FIBER** |  |  |  |  |
|  |  |  |  |  |
| Advanced – Service Inquiry | $ 405.87 | $ 405.65 | N/A | N/A |
| Advanced – Interoffice Dedicated Transport – Initial | $ 64.80 | $ 64.57 | $ 267.28 | $ 224.68 |
| Advanced – Unbundled Loop – Initial | $ 64.80 | $ 64.57 | $ 261.86 | $ 220.43 |
| Dark Fiber Record Review (with reservations) | TBD |  |  |  |
| Intermediate Office Cross Connect | TBD |  |  |  |
| Dark Fiber Optional Engineering Services | TBD |  |  |  |
|  |  |  |  |  |
| **Changeover Charge** |  |  |  |  |
| Advanced - Basic (2-wire and 4-wire) Changeover (As Is) | $ 161.87 | $ 99.77 | $ 41.64 | N/A |
| Advanced - Basic (2-wire and 4-wire) Changeover (As Is)- Additional MOG (Mass Order Generator) Only | $ 7.52 | $ 4.56 | $ 41.64 | N/A |
| Advanced - Complex (DS1 and above) Changeover (As Is) | $ 179.37 | $ 117.27 | $ 41.64 | N/A |
| Advanced - Complex (DS1 and above) Changeover (As Is)- Additional MOG (Mass Order Generator) Only | $ 7.52 | $ 4.56 | $ 41.64 | N/A |
|  |  |  |  |  |
| **LOOP CONDITIONING[[7]](#footnote-7)**  **(No charge for load coil or excessive bridged tap removal on loops 12,000 feet or less)** | | | | |
|  |  |  |  |  |
| Bridged Tap | N/A | N/A | $ 318.71 | $ 34.88 |
| Bridged Tap Removal Only | N/A | N/A | $ 318.71 | N/A |
| Load Coil (loops greater than 12,000 feet) | N/A | N/A | $ 249.91 | N/A |
| Load Coil Removal Only | N/A | N/A | $ 249.91 | N/A |
| Bridged Tap and Load Coil | N/A | N/A | $ 568.62 | $ 34.88 |
| Bridged Tap and Load Coil Removal | N/A | N/A | $ 568.62 | N/A |
|  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **LOCAL WHOLESALE SERVICES** | **Ordering** | | | | **Provisioning** | |
| **100%**  **Manual** | | **Semi-**  **Mech.** | | **Initial**  **Unit** | **Addt'l**  **Unit** |
|  |  | |  | |  |  |
| **LOOP QUALIFICATION[[8]](#footnote-8)** | $ 0.00 | | $ 0.00 | | N/A | N/A |
|  |  | |  | |  |  |
| **LINE AND STATION TRANSFER[[9]](#footnote-9)** | $ 0.00 | | $ 0.00 | | $ 154.43 | N/A |
|  |  | |  | |  |  |
| **DEDICATED TRANSPORT (IDT)** |  | |  | |  |  |
|  |  | |  | |  |  |
| Advanced - Basic (2-wire and 4-wire) – Initial | $ 95.49 | | $ 63.01 | | $ 428.58 | N/A |
| Advanced - Basic (2-wire and 4-wire) – Subsequent | $ 45.12 | | $ 28.77 | | $ 58.20 | N/A |
| Advanced - Complex (DS1 and above) - Initial | $ 105.04 | | $ 72.56 | | $ 584.49 | N/A |
| Advanced - Complex (DS1 and above) - Subsequent | $ 45.12 | | $ 28.77 | | $ 86.80 | N/A |
|  |  | |  | |  |  |
| **EXPEDITES** |  |  | |  | |  |
|  |  |  | |  | |  |
| Exchange Products | $ 3.36 | $ 3.36 | | N/A | | N/A |
| Advanced Products | $ 25.80 | $ 25.80 | | N/A | | N/A |
|  |  |  | |  | |  |
| **OTHER** |  |  | |  | |  |
| CLEC Account Establishment, per CLEC | $ 166.32 | $ 166.32 | | N/A | | N/A |
| Design Change Charge | $ 27.00 | $ 27.00 | | N/A | | N/A |
|  |  |  | |  | |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **LOCAL WHOLESALE SERVICES** | **Ordering** | | | **Provisioning** | |
| **100%**  **Manual** | | **Semi-**  **Mech.** | **Initial**  **Unit** | **Addt'l**  **Unit** |
|  |  | |  |  |  |
| **ROUTINE NETWORK MODIFICATIONS[[10]](#footnote-10)** |  |  | |  |  |
|  |  |  | |  |  |
| Engineering Query[[11]](#footnote-11) | N/A | N/A | | $ 183.99 | N/A |
| Engineering Work Order [[12]](#footnote-12) | N/A | N/A | | $ 94.40 | N/A |
| Expedite Engineering Query11 [[13]](#footnote-13) | N/A | N/A | | $ 41.67 | N/A |
| Expedite Engineering Work Order12 13 | N/A | N/A | | $ 27.94 | N/A |
| Clear Defective Pair | N/A | N/A | | $ 272.35 | N/A |
| Reassignment of Non-Working Cable Pair | N/A | N/A | | $ 272.35 | N/A |
| Binder Group Rearrangement | N/A | N/A | | $ 529.77 | N/A |
| Repeater – Installation | N/A | N/A | | $ 1,597.10 | N/A |
| Apparatus Case – Installation | N/A | N/A | | $ 2,992.81 | N/A |
| Range Extenders – DS0 Installation | N/A | N/A | | $ 809.72 | N/A |
| Range Extenders – DS1 Installation | N/A | N/A | | $ 809.72 | N/A |
| Channel Unit to Universal/Cotted DLC System (existing) | N/A | N/A | | $ 170.30 | N/A |
| Serving Terminal – Installation/Upgrade | N/A | N/A | | Time and Material | N/A |
| Activate Dead Copper Pair | N/A | N/A | | $ 199.90 | N/A |
| Multiplexer – 1/0 - Installation | N/A | N/A | | $12,211.41 | N/A |
| Multiplexer – 1/0 – Reconfiguration | N/A | N/A | | $ 170.30 | N/A |
| Multiplexer – 3/1 – Installation | N/A | N/A | | $26,981.19 | N/A |
| Multiplexer – 3/1 – Reconfiguration | N/A | N/A | | $ 382.34 | N/A |
| Multiplexer – Other – Installation | N/A | N/A | | Time and Material | N/A |
| Move Drop | N/A | N/A | | $ 109.28 | N/A |
| Cross-Connection – Existing Fiber Facility | N/A | N/A | | $ 346.93 | N/A |
| Line Card – Installation | N/A | N/A | | $ 314.63 | N/A |
| Copper Rearrangement | N/A | N/A | | $ 482.90 | N/A |
| Central Office Terminal – Installation | N/A | N/A | | $35,307.87 | N/A |
| IDLC Only Condition | N/A | N/A | | $36,847.28 | N/A |
| Other Required Modifications | N/A | N/A | | Time and Material | N/A |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **LOCAL WHOLESALE SERVICES** | **Ordering** | | **Provisioning** | |
| **100%**  **Manual** | **Semi-**  **Mech.** | **Initial**  **Unit** | **Addt'l**  **Unit** |
|  |  |  |  |  |
| **OTHER** |  |  |  |  |
| Commingled Arrangements, per circuit | N/A | N/A | $ 50.00 | N/A |
| Conversion – Service Order | N/A | N/A | $ 19.33 | N/A |
| Conversion – Installation, per circuit | N/A | N/A | $ 7.27 | N/A |
| Circuit Retag, per circuit | N/A | N/A | $ 59.43 | N/A |
|  |  |  |  |  |
| Dark Fiber – Routine Network Modifications | N/A | N/A | Time and Material | N/A |
|  |  |  |  |  |

**Application of NRCs**

Preordering:

CLEC Account Establishment is a one-time charge applied the first time that {{ACNA}} orders any service from this Agreement.

Customer Record Search applies when {{ACNA}} requests a summary of the services currently subscribed to by the end-user.

Ordering and Provisioning:

Initial Service Order (ISO) applies to each Local Service Request (LSR) and Access Service Request (ASR) for new service. Charge is Manual (e.g. for a faxed order) or Semi-Mechanized (e.g. for an electronically transmitted order) based upon the method of submission used by {{ACNA}}.

Subsequent Service Order applies to each LSR/ASR for modifications to an existing service. Charge is Manual or Semi-Mechanized based upon the method of submission used by {{ACNA}}.

Advanced ISO applies per LSR/ASR when engineering work activity is required to complete the order.

Exchange ISO applies per LSR/ASR when no engineering work activity is required to complete the order.

Provisioning – Initial Unit applies per ISO for the first unit installed. The Additional Unit applies for each additional unit installed on the same ISO.

Basic Provisioning applies to services that can be provisioned using standard network components maintained in inventory without specialized instructions for switch translations, routing, and service arrangements.

Complex Provisioning applies to services that require special instruction for the provisioning of the service to meet the customer's needs.

Examples of services and their Ordering/Provisioning category that applies:

Exchange-Basic: Standard Subloop Distribution, Drop and NID.

Exchange-Complex: Non-loaded Subloop Distribution and Loop Conditioning.

Advanced-Basic: 2-Wire Digital Loop, 4-Wire Digital Loop

Advanced-Complex: DS1 Loop, DS3 Loop and Dark Fiber.

Conditioning applies in addition to the ISO, for each Loop or Subloop UNE for the installation and grooming of Conditioning requests.

DS1 Clear Channel Capability applies in addition to the ISO, per DS1 for the installation and grooming of DS1 Clear Channel Capability requests.

Service Inquiry – Dark Fiber applies per service inquiry when {{ACNA}} requests Frontier to determine the availability of dark fiber on a specific route.

Custom Handling (These NRCs are in addition to any Preordering or Ordering and Provisioning NRCs):

Service Order Expedite applies if {{ACNA}} requests service prior to the standard due date intervals and the expedite request can be met by Frontier.

Coordinated Conversion applies if {{ACNA}} requests notification and coordination of service cut-over prior to the service becoming effective.

Hot Coordinated Conversion First Hour applies if {{ACNA}} requests real-time coordination of a service cut-over that takes one hour or less.

Hot Coordinated Conversion Per Additional Quarter Hour applies, in addition to the Hot Coordinated Conversion First Hour, for every 15-minute segment of real-time coordination of a service cut-over that takes more than one hour.

Design Change Charge applies to orders for design changes requested by {{ACNA}}.

Rates and Charges for 9-1-1

See State Access Tariff.

Collocation Rates

See Michigan Local Network Access Services Tariff, MPSC #20R.

1. This Appendix may contain rates for (and/or reference) services, facilities, arrangements and the like that Frontier does not have an obligation to provide under the Agreement (e.g., services, facilities, arrangements and the like that Frontier is not required to provide under Section 251 of the Act). Notwithstanding any such rates (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Frontier to provide a service, facility, arrangement or the like that the Agreement does not require Frontier to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement.

   All rates and charges set forth in this Appendix shall apply until such time as they are replaced by new rates and/or charges as the Commission or the FCC may approve or allow to go into effect from time to time, subject however, to any stay or other order issued by any court of competent jurisdiction.

   Unless a citation is provided to a generally applicable Frontier tariff, all listed rates and services are available only to {{ACNA}} when purchasing these services for use in the provision of Telephone Exchange Service and apply only to Reciprocal Compensation Traffic and local Ancillary Traffic. Frontier rates and services for use by {{ACNA}} in the carriage of Toll Traffic shall be subject to Frontier’s tariffs for Exchange Access service. Adherence to these limitations is subject to a reasonable periodic audit by Frontier. [↑](#footnote-ref-1)
2. All rates and charges specified herein are pertaining to the Interconnection Attachment. [↑](#footnote-ref-2)
3. ♣ Michigan Commission Rates, Case No. U-11832.

   For the avoidance of any doubt, in addition to any rates and charges set forth herein, effective as of March 11, 2005, CLEC shall pay any rates and charges that apply to a CLEC's embedded base of certain UNEs pursuant to the TRRO, the foregoing being without limitation of other rates and charges that may apply under subsequent FCC orders or otherwise; in addition, as set forth in Industry Notices, access tariff rates and/or other applicable non-UNE rates for certain facilities and arrangements that are no longer available as unbundled network elements or combinations thereof. [↑](#footnote-ref-3)
4. Rates for the individual line splitting components are contained in existing terms for Unbundled Network Elements and Collocation. [↑](#footnote-ref-4)
5. This Pricing Attachment incorporates by reference the rates set forth in the Agreement for the services and charges referenced herein. In the event this Pricing Attachment refers to a service that is not available under the Agreement, the Agreement shall control. Nothing in this Appendix A shall be deemed to require Frontier to provide a service that the Agreement does not require Frontier to provide. [↑](#footnote-ref-5)
6. ♣ Michigan Commission Rates, Case No. U-11832.

   The Loop Facility Charge will apply when fieldwork is required for establishment of a new unbundled loop

   service**.**  [↑](#footnote-ref-6)
7. These charges are interim and subject to retroactive true-up back to the Effective Date of this Agreement. [↑](#footnote-ref-7)
8. Loop Qualification rate cannot be assessed until an approved cost study has been received. [↑](#footnote-ref-8)
9. A Line and Station Transfer (LST) Charge applies when Frontier arranges or rearranges an individual circuit at

   a terminal or cross-connect box to free up a pair or suitable facility at the required service location; examples include an

   arrangement of copper to DLC, the rearrangement of IDLC to copper and the rearrangement of IDLC to UDLC. [↑](#footnote-ref-9)
10. This Appendix may contain rates and charges for (and/or reference) services, facilities, arrangements and the like that Frontier does not have an obligation to provide under the Agreement (*e.g*., services, facilities, arrangements and the like for which an unbundling requirement does not exist under 47 U.S.C. Section 251(c)(3)). Notwithstanding any such rates and/or charges (and/or references) and, for the avoidance of any doubt, nothing in this Appendix shall be deemed to require Frontier to provide a service, facility, arrangement or the like that the Agreement does not require Frontier to provide, or to provide a service, facility, arrangement or the like upon rates, terms or conditions other than those that may be required by the Agreement. [↑](#footnote-ref-10)
11. Engineering Query Charges apply in addition to charges for actual network modification and Engineering Work Order charges where applicable. [↑](#footnote-ref-11)
12. Engineering Work Order Charges apply in addition to charges for actual network modification and Engineering Query charges where applicable. [↑](#footnote-ref-12)
13. Expedite Charges apply in addition to other listed rates. [↑](#footnote-ref-13)