

ACCESS SERVICE

ACCESS SERVICE

Regulations, Rates and Charges
applying to the provision of Access Service
for connection to interstate communications facilities
for Interstate Customers within the
operating territory of the Issuing Carriers
listed on Title Page 2.

Access Services are provided by means of wire, fiber optics, radio or any other suitable technology or a combination thereof.

The rates and charges for End User Access Services for the Issuing Carriers were previously (C)
contained in the NECA Tariff F.C.C. No. 5.

(C)

Issued under authority of Special Permission No. 14-022 of the Federal Communications Commission (C)

ACCESS SERVICE

ISSUING CARRIERS

| | |
|--|---|
| Michael Shultz Vice President, Regulatory and Public Policy Mankato Citizens Telephone Company 350 S. Loop 336 W. Conroe, TX 77304 | Michael Shultz Vice President, Regulatory and Public Policy Mid-Communications, Inc. 350 S. Loop 336 W. Conroe, TX 77304 |
| Michael Shultz Vice President, Regulatory and Public Policy Heartland Telecommunications Company of Iowa 350 S. Loop 336 W. Conroe, TX 77304 | |
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(X) Filed under authority of Special Permission No. 14-022 of the Federal Communications Commission.

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CHECK SHEET

Title page and pages 1 to 75 inclusive of this tariff are effective as of 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> | <u>Page</u> | <u>Number of Revision Except as Indicated</u> |
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| 36 | 1 | 71 | 1 | | | | |
| 37 | 1 | 72 | 1 | | | | |
| 38 | 2 | 73 | 1 | | | | |
| 39 | 2 | 74 | 1 | | | | |
| 40 | 1 | 75 | 1 | | | | |
| 41 | 2 | | | | | | |
| 42 | 2 | | | | | | |
| 43 | 1 | | | | | | |
| 44 | 1 | | | | | | |
| 45 | 1 | | | | | | |
| 46 | 1 | | | | | | |
| 47 | 1 | | | | | | |
| 48 | 4 | | | | | | |
| 49 | 2 | | | | | | |
| 50 | 1 | | | | | | |
| 51 | 1 | | | | | | |
| 52 | 2 | | | | | | |
| 53 | 3 | | | | | | |
| 54 | 1 | | | | | | |
| 55 | 2 | | | | | | |
| 56 | 2 | | | | | | |
| 57 | 1 | | | | | | |
| 58 | 1 | | | | | | |
| 59 | 1 | | | | | | |
| 60 | 1 | | | | | | |
| 61 | 1 | | | | | | |
| 62 | 4 | | | | | | |
| 63 | 2 | | | | | | |
| 64 | 1 | | | | | | |

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TARIFF F.C.C. NO. 2
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OLSEN THIELEN & CO., LTD.

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Issued: June 17, 2013

President
2675 Long Lake Road
St. Paul, MN 55113-1117

Effective: July 2, 2013

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CONCURRING CARRIERS

None

CONNECTING CARRIERS

None

OTHER PARTICIPATING CARRIERS

None

REGISTERED SERVICE MARKS AND TRADEMARKS

None

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EXPLANATION OF SYMBOLS

- (C) - To signify changed regulation
- (D) - To signify discontinued rate or regulation
- (I) - To signify increase
- (M) - To signify matter relocated without change
- (N) - To signify new rate or regulation
- (R) - To signify reduction
- (S) - To signify reissued matter
- (T) - To signify a change in text but no change in rate or regulation
- (Z) - To signify a correction

EXPLANATION OF ABBREVIATIONS

- ac - Alternating Current
- AML - Actual Measured Loss
- ANI - Automatic Number Identification
- AT&T - American Telephone and Telegraph Company
- BHMC - Busy Hour Minutes of Capacity
- CCS - Hundred Call Seconds
- CO - Central Office
- Cont. - Continued
- CN - Charge Number
- CPE - Customer Premises Equipment
- DA - Directory Assistance
- dB - Decibel
- dBrnC - Decibel Reference Noise C-Message Weighting
- dBrnC0 - Decibel Reference Noise C-Message Weighted O
- dBv - Decibel(s) Relative to 1 Volt (Reference)
- dBvl - Decibel(s) Relating to 1 Volt (Reference)
- dc - Direct Current
- EDD - Envelope Delay Distortion
- ELEPL - Equal Level Echo Path Loss
- EML - Expected Measured Loss
- EPL - Echo Path Loss

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EXPLANATION OF ABBREVIATIONS (Cont.)

| | | |
|--------|---|---|
| ERL | - | Echo Return Loss |
| ETV | - | Educational Television |
| F.C.C. | - | Federal Communications Commission |
| FX | - | Foreign Exchange |
| IC | - | Interstate Customer |
| ICL | - | Inserted Connection Loss |
| Kbps | - | Kilobits Per Second |
| KHz | - | Kilohertz |
| LATA | - | Local Access and Transport Area |
| ma | - | Milliamperes |
| Mbps | - | Megabits Per Second |
| MHz | - | Megahertz |
| MTS | - | Message Telecommunications Service(s) |
| NPA | - | Numbering Plan Area |
| NTS | - | Non-Traffic Sensitive |
| NXX | - | Three-Digit Central Office Code |
| OTPL | - | Zero Transmission Level Point |
| PBX | - | Private Branch Exchange |
| PCM | - | Pulse Code Modulation |
| PL | - | Private Line |
| POT | - | Point of Termination |
| PSTN | - | Public Switched Telephone Network |
| PVU | - | Percent VoIP Usage |
| rms | - | Root-Mean-Square |
| SAC | - | Service Access Code |
| SRL | - | Singing Return Loss |
| SWC | - | Serving Wire Center |
| TDM | - | Time Division Multiplexing |
| TES | - | Telephone Exchange Service(s) |
| TLP | - | Transmission Level Point |
| VG | - | Voice Grade |
| V & H | - | Vertical and Horizontal |
| VoIP | - | Voice over Internet Protocol |
| 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.

The following tariffs are referenced in this tariff and may be obtained as shown:

National Exchange Carrier Association
100 S. Jefferson
Whippany, NJ
Tariff FCC No. 4

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REFERENCE TO TECHNICAL PUBLICATIONS

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USERS GUIDE

General

This tariff references the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 5 for its terms and conditions. This tariff contains rates applicable to Intestate Access Services provided in the Issuing Carriers state of operations.

This tariff comports with the F.C.C. Part 61 rules in 47 C.F.R. Section 61.39 as promulgated by the Report and Order in CC Docket No. 86-467, adopted May 14, 1987 and released June 29, 1987. Consequently, this tariff cross references the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 5 for terms and conditions.

ACCESS SERVICE

1. Application of Tariff

The regulations for this section are the same as those set forth in Section 1 of the National Exchange Carrier Association, Inc. (NECA) Tariff F.C.C. No. 5.

ACCESS SERVICE

2. General Regulations

The regulations for this section are the same as those set forth in Section 2 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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3. Federal Universal Service Charge, ISDN Line Port and DS1 Line Port

The regulations for this section are the same as those set forth in Section 3 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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4. End User Access Service

The regulations for this section are the same as those set forth in Section 4 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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5. Access Ordering

The regulations for this section are the same as those set forth in Section 5 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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6. Switched Access Service

The regulations for this section are the same as those set forth in Section 6 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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7. Special Access Service

The regulations for this section are the same as those set forth in Section 7 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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8. Digital Subscriber Line Access Services

Digital subscriber line access services are not offered on tariffed basis by the issuing carriers.

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9. Directory Assistance Service

The regulations for this section are the same as those set forth in Section 9 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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10. Special Federal Government Access Services

The regulations for this section are the same as those set forth in Section 10 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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11. Special Facilities Routing of Access Services

The regulations for this section are the same as those set forth in Section 11 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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12. Specialized Service or Arrangements

The regulations for this section are the same as those set forth in Section 12 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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13. Additional Engineering, Additional Labor and Miscellaneous Services

The regulations for this section are the same as those set forth in Section 13 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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14. Exceptions to Access Service Offerings

The regulations for this section are the same as those set forth in Section 14 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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15. Access Service Interfaces and Transmission Specifications

The regulations for this section are the same as those set forth in Section 15 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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16. Public Packet Data Network

The regulations for this section are the same as those set forth in Section 16 of the National Exchange Carriers Association, Inc. (NECA) Tariff F.C.C. No. 5.

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17. Rates and Charges17.1 General

The rates and charges for the services offered in this tariff are shown by Rate Group for each Issuing Carrier in this Section. Reference is made for each rate element to the appropriate tariff Section where the regulations describing application of the rate are located.

| Issuing Carriers | State | Rate Group/Section | |
|--|-------|--------------------|-----|
| Mankato Citizens Telephone Company DBA Enventis | MN | A 17.2 | (T) |
| | | | (C) |
| Mid-Communications, Inc. DBA Enventis | MN | B 17.3 | (T) |
| | | | (C) |
| Heartland Telecommunications Company of Iowa DBA Enventis | MN | C 17.4 | (T) |
| | | | (C) |

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17. Rates and Charges

17.1 General (Cont.)

Reserved for Future Use

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17. Rates and Charges (Cont'd)

17.2 Mankato Citizens Telephone Company DBA Enventis

17.2.1 End User Access Service

(A) Carrier Common Line Access Service Rate

Premium Access

– Terminating Rate Equal to

– Originating Rate Equal to

Rates

\$.000

\$.000

Rates Per
Month

(B) End User Access Services

Regulations concerning End User Access Services are set forth in Section 4 preceding.

(1) End User Common Line (EUCL) - Residence

Individual line or trunk, each \$ 6.50

(2) End User Common Line (EUCL) - Single Line Business

Individual line or trunk, each \$ 6.50

(3) End User Common Line (EUCL) - Multiline Business including Centrex CO and CO-Like ordered on or after July 28, 1983 – Per Individual line or trunk

\$ 9.20

(C) ISDN and DS1 Line Ports

Regulations concerning ISDN Line Ports are set forth in Section 3 preceding.

(1) ISDN Line Ports

(a) ISDN BRI Line Port – per arrangement \$ 2.23

(b) ISDN PRI Line Port – per arrangement \$ 23.51

(2) DS1 Line Port

(a) DS1 Line Port – per DS1 (1.544 Mbps)
Channel service \$ 23.51

(D) Federal Universal Service Charge (FUSC)

Regulations concerning Federal Universal Service Charge are set forth in Section 3 preceding.

Percentage

FUSC surcharge factor

17.1%

(R)

(D)

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17. Rates and Charges (Cont.)

17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.)

17.2.1 End User Access Service (Cont.)

| | <u>Monthly Rates</u> | |
|----------------------------------|--------------------------|-----|
| (E) Access Recovery Charge (ARC) | | |
| Residential ARC ² | \$ 2.00 | (l) |
| Single Line Business | \$ 2.00 | (l) |
| Multi Line Business ¹ | \$ 3.00 | |

(1) For ISDN-PRI multiply the EUCL rate times five for each T-1 facility.

(2) Includes Centrex Dormitory (Residential Service).

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17. Rates and Charges (Cont.)17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.) (C)17.2.2 Local Transport(A) Direct Trunked Transport

| | <u>Rate</u> |
|---------------------------------------|-------------|
| (1) <u>Direct Trunked Facility</u> | |
| Per Mile | |
| –Voice Grade | \$ 1.95 |
| –High Capacity DS1 | \$ 9.16 |
| –High Capacity DS3 | \$ 79.78 |
| (2) <u>Direct Trunked Termination</u> | |
| Per Termination | |
| –Voice Grade | \$ 19.55 |
| –High Capacity DS1 | \$ 47.52 |
| –High Capacity DS3 | \$ 305.13 |

(B) Multiplexing

| | |
|-----------------|-----------|
| Per Arrangement | |
| DS1 to Voice | \$ 187.00 |
| DS3 to DS1 | \$ 484.36 |

(C) Tandem Switched Transport

| | |
|---|-------------|
| (1) Tandem Switched Facility Per Access MOU Per Mile | \$0.000198 |
| (2) Tandem Switch Termination Per Access MOU Per Termination | \$0.001026 |
| (3) Tandem Switching Charge Per Access MOU Per Termination | \$ 0.001739 |

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17. Rates and Charges (Cont.)17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.) (C)17.2.2 Local Transport (Cont.)

| | <u>Rate</u> |
|--|--|
| (D) <u>Entrance Facilities</u> | |
| Per Termination | |
| –Voice Grade Two-Wire | \$ 27.31 |
| –Voice Grade Four-Wire | \$ 43.71 |
| –High Capacity DS1 | \$ 133.68 |
| –High Capacity DS3 | \$ 1,220.56 |
| (E) <u>Transport Interconnection Charge</u> | |
| Per Access MOU | \$ NA |
| (F) <u>Installation Non-Recurring Charge</u> | |
| (1) Per 24 trunks activated or fraction thereof on a per order basis | \$ 459.00 |
| (2) Per Entrance Facility | |
| Voice Grade 2-Wire | \$ 450.00 |
| Voice Grade 4-Wire | \$ 450.00 |
| High Capacity DS1 | \$ 330.00 |
| High Capacity DS3 | \$ 445.00 |
| | <u>Rate Per</u> <u>Call Blocked</u> |
| (G) <u>Network Blocking Charge</u> | |
| (Applies to FGD) | \$ 0.0153 |

ACCESS SERVICE

17. Rates and Charges (Cont.)17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.)17.2.3 End Office

| | <u>Originating Rate</u> | <u>Terminating Rate</u> | |
|---|-----------------------------|---------------------------------|-----|
| (A) <u>Local Switching</u> | | | |
| (1) <u>Premium</u> | | | |
| Per Access Minute | \$ 0.007178 | \$.005778# | (R) |
| (B) <u>Information Surcharge</u> | | | |
| (1) <u>Premium</u> | | | |
| Per Access Minute Per 100 Access Minutes | \$ 0.0156 | \$.0000## | |
| (C) <u>Toll Free Number Data Base Service</u> | | <u>Rates Per Call/Query</u> | |
| Per Query | | | |
| – Basic | \$ 0.0054 | | |
| – Vertical Feature | \$ 0.0060 | | |

Includes Information Surcharge

Included in Terminating Local Switch Rate

ACCESS SERVICE

17. Rates and Charges (Cont.)17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.)17.2.4 Special Access Service¹

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> | |
|---|--------------------------|--------------------------------------|-----|
| (A) <u>Voice Grade Channel</u> | | | |
| (1) <u>Channel Termination</u> Per Termination | | | |
| –Two-Wire | \$ 22.53 | \$ 450.00 | (R) |
| –Four-Wire | \$ 36.62 | \$ 450.00 | (R) |
| (2) <u>Channel Mileage Facility</u> Per Mile | \$ 1.62 | NA | (R) |
| (3) <u>Channel Mileage</u> <u>Termination</u> Per Termination | \$ 16.28 | NA | (R) |
| (4) <u>Optional Features and</u> <u>Functions</u> | | | |
| (a) <u>Bridging</u> | | | |
| Voice Bridging Per Port | | | |
| –Two-Wire | \$ 6.64 | NA | |
| –Four-Wire | \$ 6.64 | NA | |
| Data Bridging Per Port | | | |
| –Two-Wire | \$ 6.64 | NA | |
| –Four-Wire | \$ 6.64 | NA | |
| (b) <u>Conditioning Per</u> <u>Termination</u> | | | |
| –C-Type | \$ 8.01 | | |
| –Improved Attenuation Distortion* | NA | NA | |
| –Improved Envelope Delay Distortion | NA | NA | |
| –Data Capability | \$ 7.11 | NA | |

Note: 1 Rates and charges for other special access services, optional features, or bit rates are ICB.

ACCESS SERVICE

17. Rates and Charges (Cont.)17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.) (C)17.2.4 Special Access Service¹ (Cont.)

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> |
|---|--------------------------|--------------------------------------|
| (4) <u>Optional Features and Functions</u> (Cont.) | | |
| (c) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination | | |
| –Two-Wire | \$ 13.07 | NA |
| –Four-Wire | \$ 13.07 | NA |
| (d) Customer Specified Receive Level per Two-Wire Termination | \$ 8.99 | NA |
| (e) Signaling Capability Per Termination | \$ 18.33 | NA |
| (f) Selective Signaling Arrangement Per Arrangement | \$ 6.64 | NA |

Note: 1 Rates and charges for other special access services, optional features, or bit rates are ICB.

ACCESS SERVICE

17. Rates and Charges (Cont.)17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.)17.2.4 Special Access Service¹ (Cont.)

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> | |
|---|--------------------------|--------------------------------------|-----|
| (B) <u>Metallic Channel</u> | | | |
| (1) <u>Channel Termination</u> Per Termination* Two Wire | \$ NA | \$ NA | |
| (2) <u>Channel Mileage Facility</u> Per Mile | \$ NA | NA | |
| (3) <u>Channel Mileage</u> <u>Termination</u> Per Termination | \$ NA | NA | |
| (C) <u>Digital Data</u> | | | |
| (1) <u>Channel Termination</u> Per Termination* 56-64Kbps | \$ 42.30 | \$ 390.00 | (R) |
| (2) <u>Channel Mileage Facility</u> Per Mile 56-64Kbps | \$ 2.20 | NA | (R) |
| (3) <u>Channel Mileage</u> <u>Termination</u> Per Termination 56-64 Kbps | \$ 22.12 | NA | (R) |
| (4) <u>Optional Features and</u> <u>Functions</u> (a) Bridging, per port | \$ 8.02 | | |

Note: 1 Rates and charges for other special access services, optional features, or bit rates are ICB.

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17. Rates and Charges (Cont.)17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.)17.2.4 Special Access Service¹(Cont.)

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> | |
|---|--------------------------|--------------------------------------|-----|
| (D) <u>High Capacity</u> | | | |
| (1) <u>Channel Termination</u> Per Termination | | | |
| – DS1 1.544 Mbps | \$ 109.25 | \$ 330.00 | (R) |
| – DS3 44.736 Mbps | \$ 893.72 | \$ 445.00 | (R) |
| (2) <u>Channel Mileage Facility</u> Per Mile | | | |
| – DS1 1.544 Mbps | \$ 6.75 | | (R) |
| – DS3 44.736 Mbps | \$ 58.49 | | (R) |
| (3) <u>Channel Mileage Termination</u> Per Termination | | | |
| – DS1 1.544 Mbps | \$ 35.40 | NA | (R) |
| – DS3 44.736 Mbps | \$ 225.03 | NA | (R) |
| (4) <u>Multiplexing per Arrangement</u> | | | |
| – DS1 to Voice | \$ 172.24 | 300.00 | (R) |
| – DS3 to DS1 | \$ 434.56 | 300.00 | (R) |
| DS1 to DS0 | \$ 172.24 | NA | (R) |
| DS0 to substrates' | | | |
| UP to 20 2.4 kbps | \$ 398.26 | | |
| UP to 10 4.8 kbps | \$ 270.62 | | |
| UP to 5 9.6 kbps | \$ 239.97 | | |

Note: 1 Rates and charges for other special access services, optional features, or bit rates are ICB.

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17. Rates and Charges (Cont.)17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.)

(C)

17.2.4 Special Access Service (Cont.) #

| | Monthly Rates | Non Recurring Charges |
|---|------------------------------------|---------------------------------|
| (D) <u>High Capacity</u> | | |
| (6) Central Office Connecting Channel –All services | \$ 17.00 | 50.00 |
| (E) <u>Special Access Surcharge</u> Per Voice Grade Equivalent | \$ 25.00 | NA |
| (F) <u>Term Discounts</u> | \$ <u>TERM</u> 36 mos 60 mos | <u>Percentage</u> 10% 20% |
| (G) <u>Synchronous Optical Channel Service (SONET)</u> | | |
| (1) <u>Channel Termination</u> Per Termination* | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ ICB |
| OC12 622.08 Mbps | \$ ICB | \$ ICB |
| (2) <u>Channel Mileage Facility</u> Per Mile | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ |
| OC12 622.08 Mbps | \$ ICB | \$ |
| (3) <u>Channel Mileage Termination</u> Per Termination | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ |
| OC12 622.08 Mbps | \$ ICB | \$ |
| (4) <u>Optional Features and Functions</u> | | |
| (a) Customer node to node | \$ | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ ICB |
| OC12 622.08 Mbps | \$ ICB | \$ ICB |
| <u>Customer Premise Port per Port</u> | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ |
| STS-1 51.84 Mbps | \$ ICB | \$ ICB |
| DS3 44.736 Mbps | \$ ICB | \$ ICB |
| DS1 1.544 Mbps | \$ ICB | \$ ICB |

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17. Rates and Charges (Cont.)

17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.)

(C)

17.2.4 Special Access Service (Cont.) #

| | | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> |
|--|----|--------------------------|--------------------------------------|
| (G) <u>Synchronous Optical Channel Service (SONET)</u> | | | |
| (4) <u>Optional Features and Functions</u> | | | |
| (b) Add drop Multiplexing Central Office Port per Port | | | |
| OC3/OC3c 155.52Mbps | \$ | ICB | \$ ICB |
| DS3 44.736 Mbps | \$ | ICB | \$ ICB |
| DS1 1.5444 Mbps | \$ | ICB | \$ ICB |
| (5) <u>Term Discounts</u> | | | |
| 24 months | | ICB | |
| 36 months | \$ | ICB | |
| 60 months | \$ | ICB | |

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17. Rates and Charges (Cont.)

17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.) (C)

17.2.5 Miscellaneous Services

| | <u>Per Line Per Request</u> |
|--|---------------------------------|
| (A) <u>Presubscription</u> | |
| PIC Change | |
| Per Telephone Exchange Service Line or Trunk** | |
| – Per Occurrence Processed Manually | \$ 5.50 |
| – Per Occurrence Processed Manually Simultaneously with LPIC | \$ 2.75 |
| – Per Occurrence Processed Electronically | NA |
| – Per Occurrence Processed Electronically Simultaneously with LPIC | NA |
| | \$ |
| (B) <u>Block Services</u> | |
| (1) <u>International Blocking Service</u> | \$ 35.00 |
| (2) <u>900 Blocking Service</u> | |
| a. Blocking | |
| 1st Request | \$ 0.00 |
| Each Request Thereafter | 11.20 |
| b. Unblocking | |
| 1st Request | \$ 0.00 |
| Each Request Thereafter | \$ 11.20 |

** This charge is generally billed to the end user that is the subscriber to the telephone exchange service. In those instances where the IC both requests the presubscription change and requests the associated charge be billed to them, the LEC will bill the IC. In the event an end user is incorrectly presubscribed due to misassignment on the part of the LEC, no charge shall apply. In the event an end user is incorrectly presubscribed due to misassignment on the part of the IC, and the IC is unable to document such an assignment, the LEC will apply the charge to the IC responsible for the misassignment of the end user and assign the end user to the IC of the end user's choice.

ACCESS SERVICE

17. Rates and Charges (Cont.)

17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.) (C)

17.2.5 Miscellaneous Services (Cont.)

| | <u>Per Line Per Request</u> |
|---|---------------------------------|
| (C) <u>Local Number Portability</u> <u>(LNP) Query Service</u> LNP Query Charge | \$ 0.0017 |
| (D) <u>Billing Name and Address Information</u> Per Request Incidence | |
| – Per BNA Order | \$ 50.94 |
| – Per BNA Record | \$.33 |
| Optional format, programming charge Per each half hour or fraction thereof | \$ 37.20 |
| (E) Access Order Charge Per Order | \$ 86.00 |
| (G) Access Service Request Modifications | |
| 1. Service Date Change Charge | \$ 60.00 |
| 2. Design Change Charge | \$ 84.00 |
| 3. Miscellaneous Service Order Charge Per Occurrence | \$ 123.00 |
| 4. Expedited Service Order Charge Per Occurrence | \$ 53.00 |
| 5. Cancellation of Access Service Order | \$ 53.00 |

ACCESS SERVICE

17. Rates and Charges (Cont.)17.2 Mankato Citizens Telephone Company DBA Enventis (Cont.) (C)17.2.5 Miscellaneous Services (Cont.)

| | Basic Time Normally Scheduled | Overtime Outside Normally Scheduled | Premium Outside Scheduled Work Day |
|--|--|--|---|
| | <hr/> Working Hours <hr/> | | |
| (G) <u>Additional Engineering Periods</u> | | | |
| Per engineer, 1/2 hour or Fraction thereof | \$ 31.03 | \$ 46.55 | \$ 62.06 |
| (H) <u>Additional Labor</u> | | | |
| Per technician, 1/2 hour or Fraction thereof | | | |
| 1. Installation and Repair | | \$ 47.57* | \$ 63.42* |
| 2. Standby | \$ 21.18 | \$ 31.77* | \$ 42.36* |
| 3. Testing and Maintenance With Other Telephone Companies or Other Labor | | | |
| - Per Installation and Repair Technician | \$ 31.71 | \$ 47.57* | \$ 63.42* |
| 4. Testing and Maintenance With Other Telephone Companies or Other Labor | | | |
| - Per Central Office Maintenance Technician | \$ 34.66 | \$ 51.99* | \$ 69.32* |
| (I) <u>Telecommunications Service</u> | | | |
| Priority- (TSP) | \$ Month | \$ NRC | \$ |
| DS1 | \$ 5.00 | \$ 100.00 | \$ |
| DS3 | \$ 17.00 | \$ 100.00 | \$ |

*A call out of a Mankato Citizens Telephone Company d.b.a. HickoryTech, employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four (4) hours.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Mid-Communications, Inc. DBA Enventis

17.3.1 End User Access Service

| | <u>Rates</u> |
|--|------------------------|
| (A) <u>Carrier Common Line Access Service Rate</u> | |
| Premium Access | |
| – Terminating Rate Equal to | \$.000 |
| – Originating Rate Equal to | \$.000 |
| | <u>Rates Per Month</u> |

(B) End User Access Services

Regulations concerning End User Access Services are set forth in Section 4 preceding.

(1) End User Common Line (EUCL) - Residence

Individual line or trunk, each \$ 6.50

(2) End User Common Line (EUCL) - Single Line Business

Individual line or trunk, each \$ 6.50

(3) End User Common Line (EUCL) - Multiline Business including Centrex CO and CO-Like ordered on or after July 28, 1983 – Per Individual line or trunk

\$ 9.20

(C) ISDN and DS1 Line Ports

Regulations concerning ISDN Line Ports are set forth in Section 3 preceding.

(1) ISDN Line Ports

(a) ISDN BRI Line Port – per arrangement \$ 2.23
(b) ISDN PRI Line Port – per arrangement \$ 23.51

(2) DS1 Line Port

(a) DS1 Line Port – per DS1 (1.544 Mbps) Channel service \$ 23.51

(D) Federal Universal Service Charge (FUSC)

Regulations concerning Federal Universal Service Charge are set forth in Section 3 preceding.

| | <u>Percentage</u> | |
|-----------------------|-------------------|-----|
| FUSC surcharge factor | 17.1% | (R) |
| | | (D) |

ACCESS SERVICE

17. Rates and Charges (Cont.)17.3 Mid-Communications, Inc. DBA Enventis (Cont.)17.3.1 End User Access Service (Cont.)

| | <u>Monthly Rates</u> | |
|----------------------------------|--------------------------|-----|
| (E) Access Recovery Charge (ARC) | | |
| Residential ARC ² | \$ 2.00 | (l) |
| Single Line Business | \$ 2.00 | (l) |
| Multi Line Business ¹ | \$ 3.00 | |

(1) For ISDN-PRI multiply the EUCL rate times five for each T-1 facility.

(2) Includes Centrex Dormitory (Residential Service).

ACCESS SERVICE

17. Rates and Charges (Cont.)

17.3 Mid-Communications, Inc. DBA Enventis (Cont.)

(C)

17.3.2 Local Transport

(A) Direct Trunked Transport

| | <u>Rate</u> |
|------------------------------------|-------------|
| (1) <u>Direct Trunked Facility</u> | |
| Per Mile | |
| –Voice Grade | \$ 1.95 |
| –High Capacity DS1 | \$ 9.16 |
| –High Capacity DS3 | \$ 79.78 |

(2) Direct Trunked Termination

| | |
|--------------------|-----------|
| Per Termination | |
| –Voice Grade | \$ 19.55 |
| –High Capacity DS1 | \$ 47.52 |
| –High Capacity DS3 | \$ 305.13 |

(B) Multiplexing

| | |
|-----------------|-----------|
| Per Arrangement | |
| DS1 to Voice | \$ 187.00 |
| DS3 to DS1 | \$ 484.36 |

(C) Tandem Switched Transport

| | |
|------------------------------|------------|
| (1) Tandem Switched Facility | |
| Per Access MOU Per Mile | \$0.000198 |

| | |
|--------------------------------|------------|
| (2) Tandem Switch Termination | |
| Per Access MOU Per Termination | \$0.001026 |

| | |
|--------------------------------|-------------|
| (3) Tandem Switching Charge | \$ 0.001739 |
| Per Access MOU Per Termination | |

ACCESS SERVICE

17. Rates and Charges (Cont.)17.3 Mid-Communications, Inc. DBA Enventis (Cont.)

(C)

17.3.2 Local Transport (Cont.)

| | <u>Rate</u> |
|--|--|
| (D) <u>Entrance Facilities</u> | |
| Per Termination | |
| –Voice Grade Two-Wire | \$ 27.31 |
| –Voice Grade Four-Wire | \$ 43.71 |
| –High Capacity DS1 | \$ 133.68 |
| –High Capacity DS3 | \$ 1,220.56 |
| (E) <u>Transport Interconnection Charge</u> | |
| Per Access MOU | \$ NA |
| (F) <u>Installation Non-Recurring Charge</u> | |
| (1) Per 24 trunks activated or fraction thereof on a per order basis | \$ 459.00 |
| (2) Per Entrance Facility | |
| Voice Grade 2-Wire | \$ 450.00 |
| Voice Grade 4-Wire | \$ 450.00 |
| High Capacity DS1 | \$ 330.00 |
| High Capacity DS3 | \$ 445.00 |
| | <u>Rate Per</u> <u>Call Blocked</u> |
| (G) <u>Network Blocking Charge</u> | |
| (Applies to FGD) | \$ 0.0153 |

ACCESS SERVICE

17. Rates and Charges (Cont.)17.3 Mid-Communications, Inc. DBA Enventis (Cont.)17.3.3 End Office

| | <u>Originating Rate</u> | <u>Terminating Rate</u> | |
|---|-----------------------------|---------------------------------|-----|
| (A) <u>Local Switching</u> | | | |
| (1) <u>Premium</u> | | | |
| Per Access Minute | \$ 0.007178 | \$.005778# | (R) |
| (B) <u>Information Surcharge</u> | | | |
| (1) <u>Premium</u> | | | |
| Per Access Minute Per 100 Access Minutes | \$ 0.0156 | \$.0000## | |
| (C) <u>Toll Free Number Data Base Service</u> | | <u>Rates Per Call/Query</u> | |
| Per Query | | | |
| – Basic | \$ 0.0054 | | |
| – Vertical Feature | \$ 0.0060 | | |

Includes Information Surcharge
Included in Terminating Local Switch Rate

ACCESS SERVICE

17. Rates and Charges (Cont.)

17.3 Mid-Communications, Inc. DBA Enventis (Cont.)

17.3.4 Special Access Service¹

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> | |
|---|--------------------------|--------------------------------------|----------|
| (A) <u>Voice Grade Channel</u> | | | |
| (1) <u>Channel Termination</u> Per Termination | | | |
| –Two-Wire | \$ 22.53 | \$ 450.00 | (S) |
| –Four-Wire | \$ 36.62 | \$ 450.00 | (S) |
| (2) <u>Channel Mileage Facility</u> Per Mile | \$ 1.62 | NA | (S) |
| (3) <u>Channel Mileage</u> <u>Termination</u> Per Termination | \$ 16.28 | NA | (X), (R) |
| (4) <u>Optional Features and</u> <u>Functions</u> | | | |
| (a) <u>Bridging</u> Voice Bridging Per Port | | | |
| –Two-Wire | \$ 6.64 | NA | |
| –Four-Wire | \$ 6.64 | NA | |
| Data Bridging Per Port | | | |
| –Two-Wire | \$ 6.64 | NA | |
| –Four-Wire | \$ 6.64 | NA | |
| (b) <u>Conditioning Per</u> <u>Termination</u> | | | |
| –C-Type | \$ 8.01 | | |
| –Improved Attenuation Distortion* | NA | NA | |
| –Improved Envelope Delay Distortion | NA | NA | |
| –Data Capability | \$ 7.11 | NA | |

Note: 1 Rates and charges for other special access services, optional features, or bit rates are ICB.

(S) Reissued material originally filed under Transmittal No. 46, scheduled to become effective July 1, 2015.

(X) Issued under authority of Special Permission No 15-012.

ACCESS SERVICE

17. Rates and Charges (Cont.)17.3 Mid-Communications, Inc. DBA Enventis (Cont.)

(C)

17.3.4 Special Access Service¹ (Cont.)

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> |
|---|--------------------------|--------------------------------------|
| (4) <u>Optional Features and Functions</u> (Cont.) | | |
| (c) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination | | |
| –Two-Wire | \$ 13.07 | NA |
| –Four-Wire | \$ 13.07 | NA |
| (d) Customer Specified Receive Level per Two-Wire Termination | \$ 8.99 | NA |
| (e) Signaling Capability Per Termination | \$ 18.33 | NA |
| (f) Selective Signaling Arrangement Per Arrangement | \$ 6.64 | NA |

Note: 1 Rates and charges for other special access services, optional features, or bit rates are ICB.

ACCESS SERVICE

17. Rates and Charges (Cont.)17.3 Mid-Communications, Inc. DBA Enventis (Cont.)17.3.4 Special Access Service¹ (Cont.)

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> | |
|---|--------------------------|--------------------------------------|-----|
| (B) <u>Metallic Channel</u> | | | |
| (1) <u>Channel Termination</u> Per Termination Two Wire | \$ NA | \$ NA | |
| (2) <u>Channel Mileage Facility</u> Per Mile | \$ NA | NA | |
| (3) <u>Channel Mileage</u> <u>Termination</u> Per Termination | \$ NA | NA | |
| (C) <u>Digital Data</u> | | | |
| (1) <u>Channel Termination</u> Per Termination* 56-64Kbps | \$ 42.30 | \$ 390.00 | (R) |
| (2) <u>Channel Mileage Facility</u> Per Mile 56-64Kbps | \$ 2.20 | NA | (R) |
| (3) <u>Channel Mileage</u> <u>Termination</u> Per Termination 56-64 Kbps | \$ 22.12 | NA | (R) |
| (4) <u>Optional Features and</u> <u>Functions</u> (a) Bridging, per port | \$ 8.02 | | |

Note: 1 Rates and charges for other special access services, optional features, or bit rates are ICB.

ACCESS SERVICE

17. Rates and Charges (Cont.)17.3 Mid-Communications, Inc. DBA Enventis (Cont.)17.3.4 Special Access Service¹(Cont.)

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> | |
|---|--------------------------|--------------------------------------|-----|
| (D) <u>High Capacity</u> | | | |
| (1) <u>Channel Termination</u> Per Termination | | | |
| – DS1 1.544 Mbps | \$ 109.25 | \$ 330.00 | (R) |
| – DS3 44.736 Mbps | \$ 893.72 | \$ 445.00 | (R) |
| (2) <u>Channel Mileage Facility</u> Per Mile | | | |
| – DS1 1.544 Mbps | \$ 6.75 | | (R) |
| – DS3 44.736 Mbps | \$ 58.49 | | (R) |
| (3) <u>Channel Mileage Termination</u> Per Termination | | | |
| – DS1 1.544 Mbps | \$ 35.40 | NA | (R) |
| – DS3 44.736 Mbps | \$ 225.03 | NA | (R) |
| (4) <u>Multiplexing per Arrangement</u> | | | |
| – DS1 to Voice | \$ 172.24 | 300.00 | (R) |
| – DS3 to DS1 | \$ 434.56 | 300.00 | (R) |
| DS1 to DS0 | \$ 172.24 | NA | (R) |
| DS0 to substrates' | | | |
| UP to 20 2.4 kbps | \$ 398.26 | | |
| UP to 10 4.8 kbps | \$ 270.62 | | |
| UP to 5 9.6 kbps | \$ 239.97 | | |

Note: 1 Rates and charges for other special access services, optional features, or bit rates are ICB.

ACCESS SERVICE

17. Rates and Charges (Cont.)17.3 Mid-Communications, Inc. DBA Enventis (Cont.)

(C)

17.3.4 Special Access Service (Cont.) #

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> |
|---|------------------------------------|--------------------------------------|
| (D) <u>High Capacity</u> | | |
| (6) Central Office Connecting Channel –All services | \$ 17.00 | 50.00 |
| (E) <u>Special Access Surcharge</u> Per Voice Grade Equivalent | \$ 25.00 | NA |
| (F) <u>Term Discounts</u> | \$ <u>TERM</u> 36 mos 60 mos | <u>Percentage</u> 10% 20 % |
| (G) <u>Synchronous Optical Channel Service (SONET)</u> | | |
| (1) <u>Channel Termination</u> Per Termination* | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ ICB |
| OC12 622.08 Mbps | \$ ICB | \$ ICB |
| (2) <u>Channel Mileage Facility</u> Per Mile | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ |
| OC12 622.08 Mbps | \$ ICB | \$ |
| (3) <u>Channel Mileage Termination</u> Per Termination | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ |
| OC12 622.08 Mbps | \$ ICB | \$ |
| (4) <u>Optional Features and Functions</u> | | |
| (a) Customer node to node | \$ | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ ICB |
| OC12 622.08 Mbps | \$ ICB | \$ ICB |
| <u>Customer Premise Port per Port</u> | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ |
| STS-1 51.84 Mbps | \$ ICB | \$ ICB |
| DS3 44.736 Mbps | \$ ICB | \$ ICB |
| DS1 1.544 Mbps | \$ ICB | \$ ICB |

ACCESS SERVICE

17. Rates and Charges (Cont.)

17.3 Mid-Communications, Inc. DBA Enventis (Cont.) (C)

17.3.4 Special Access Service (Cont.) #

| | Monthly Rates | Non Recurring Charges |
|--|------------------|-----------------------------|
| (G) <u>Synchronous Optical Channel Service (SONET)</u> | | |
| (4) <u>Optional Features and Functions</u> | | |
| (b) Add drop Multiplexing Central Office Port per Port | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ ICB |
| DS3 44.736 Mbps | \$ ICB | \$ ICB |
| DS1 1.5444 Mbps | \$ ICB | \$ ICB |
| (5) <u>Term Discounts</u> | | |
| 24 months | ICB | |
| 36 months | \$ ICB | |
| 60 months | \$ ICB | |

ACCESS SERVICE

17. Rates and Charges (Cont.)17.3 Mid-Communications, Inc. DBA Enventis (Cont.)

(C)

17.3.5 Miscellaneous Services

| | <u>Per Line Per Request</u> |
|--|---------------------------------|
| (A) <u>Presubscription</u> | |
| PIC Change | |
| Per Telephone Exchange Service Line or Trunk** | |
| – Per Occurrence Processed Manually | \$ 5.50 |
| – Per Occurrence Processed Manually Simultaneously with LPIC | \$ 2.75 |
| – Per Occurrence Processed Electronically | \$ NA |
| – Per Occurrence Processed Electronically Simultaneously with LPIC | NA |
| (B) <u>Block Services</u> | |
| (1) <u>International Blocking Service</u> | \$ 35.00 |
| (2) <u>900 Blocking Service</u> | |
| a. Blocking | |
| 1st Request | \$ 0.00 |
| Each Request Thereafter | 11.20 |
| b. Unblocking | |
| 1st Request | \$ 0.00 |
| Each Request Thereafter | \$ 11.20 |

** This charge is generally billed to the end user that is the subscriber to the telephone exchange service. In those instances where the IC both requests the presubscription change and requests the associated charge be billed to them, the LEC will bill the IC. In the event an end user is incorrectly presubscribed due to misassignment on the part of the LEC, no charge shall apply. In the event an end user is incorrectly presubscribed due to misassignment on the part of the IC, and the IC is unable to document such an assignment, the LEC will apply the charge to the IC responsible for the misassignment of the end user and assign the end user to the IC of the end user's choice.

ACCESS SERVICE

17. Rates and Charges (Cont.)

17.3 Mid-Communications, Inc. DBA Enventis (Cont.)

(C)

17.3.5 Miscellaneous Services (Cont.)

| | <u>Per Line Per Request</u> |
|---|---------------------------------|
| (C) <u>Local Number Portability</u> <u>(LNP) Query Service</u> LNP Query Charge | \$ 0.0017 |
| (D) <u>Billing Name and Address Information</u> Per Request Incidence | |
| – Per BNA Order | \$ 50.94 |
| – Per BNA Record | \$.33 |
| Optional format, programming charge Per each half hour or fraction thereof | \$ 37.20 |
| (E) Access Order Charge Per Order | \$ 86.00 |
| (G) Access Service Request Modifications | |
| 1. Service Date Change Charge | \$ 60.00 |
| 2. Design Change Charge | \$ 84.00 |
| 3. Miscellaneous Service Order Charge Per Occurrence | \$ 123.00 |
| 4. Expedited Service Order Charge Per Occurrence | \$ 53.00 |
| 5. Cancellation of Access Service Order | \$ 53.00 |

ACCESS SERVICE

17. Rates and Charges (Cont.)17.3 Mid-Communications, Inc. DBA Enventis (Cont.)

(C)

17.3.5 Miscellaneous Services (Cont.)

| | Basic Time Normally Scheduled | Overtime Outside Normally Scheduled | Premium Outside Scheduled Work Day |
|--|--|--|---|
| | <hr/> Working Hours <hr/> | | |
| (G) <u>Additional Engineering Periods</u> | | | |
| Per engineer, 1/2 hour or Fraction thereof | \$ 31.03 | \$ 46.55 | \$ 62.06 |
| (H) <u>Additional Labor</u> | | | |
| Per technician, 1/2 hour or Fraction thereof | | | |
| 1. Installation and Repair | | \$ 47.57* | \$ 63.42* |
| 2. Standby | \$ 21.18 | \$ 31.77* | \$ 42.36* |
| 3. Testing and Maintenance With Other Telephone Companies or Other Labor | | | |
| - Per Installation and Repair Technician | \$ 31.71 | \$ 47.57* | \$ 63.42* |
| 4. Testing and Maintenance With Other Telephone Companies or Other Labor | | | |
| - Per Central Office Maintenance Technician | \$ 34.66 | \$ 51.99* | \$ 69.32* |
| (I) <u>Telecommunications Service</u> | | | |
| Priority- (TSP) | \$ Month | \$ NRC | \$ |
| DS1 | \$ 5.00 | \$ 100.00 | \$ |
| DS3 | \$ 17.00 | \$ 100.00 | \$ |

*A call out of a Mid-Communications, Inc. d.b.a. HickoryTech, employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four (4) hours.

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Heartland Telecommunications Company of Iowa DBA Enventis

17.4.1 End User Access Service

| | <u>Rates</u> | |
|--|------------------------|-----|
| (A) <u>Carrier Common Line Access Service Rate</u> | | |
| Premium Access | | |
| – Terminating Rate Equal to | \$.000 | |
| – Originating Rate Equal to | \$.000 | |
| | <u>Rates Per Month</u> | |
| (B) <u>End User Access Services</u> | | |
| Regulations concerning End User Access Services are set forth in Section 4 preceding. | | |
| (1) <u>End User Common Line (EUCL) - Residence</u> | | |
| Individual line or trunk, each | \$ 6.50 | |
| (2) <u>End User Common Line (EUCL) - Single Line Business</u> | | |
| Individual line or trunk, each | \$ 6.50 | |
| (3) <u>End User Common Line (EUCL) - Multiline Business including Centrex CO and CO-Like ordered on or after July 28, 1983</u> | | |
| – Per Individual line or trunk | \$ 9.20 | |
| (C) <u>ISDN and DS1 Line Ports</u> | | |
| Regulations concerning ISDN Line Ports are set forth in Section 3 preceding. | | |
| (1) <u>ISDN Line Ports</u> | | |
| (a) ISDN BRI Line Port – per arrangement | \$ 2.23 | |
| (b) ISDN PRI Line Port – per arrangement | \$ 23.51 | |
| (2) <u>DS1 Line Port</u> | | |
| (a) DS1 Line Port – per DS1 (1.544 Mbps) Channel service | \$ 23.51 | |
| (D) <u>Federal Universal Service Charge (FUSC)</u> | | |
| Regulations concerning Federal Universal Service Charge are set forth in Section 3 preceding. | | |
| | <u>Percentage</u> | |
| FUSC surcharge factor | 17.1% | (R) |
| | | (D) |

ACCESS SERVICE

17. Rates and Charges (Cont.)

17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.)

17.4.1 End User Access Service (Cont.)

| | <u>Monthly Rates</u> | |
|----------------------------------|--------------------------|-----|
| (E) Access Recovery Charge (ARC) | | |
| Residential ARC ² | \$ 2.00 | (l) |
| Single Line Business | \$ 2.00 | (l) |
| Multi Line Business ¹ | \$ 3.00 | |

(1) For ISDN-PRI multiply the EUCL rate times five for each T-1 facility.

(2) Includes Centrex Dormitory (Residential Service).

ACCESS SERVICE

17. Rates and Charges (Cont.)17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.) (C)17.4.2 Local Transport(A) Direct Trunked Transport

| | <u>Rate</u> |
|---------------------------------------|-------------|
| (1) <u>Direct Trunked Facility</u> | |
| Per Mile | |
| –Voice Grade | \$ 2.38 |
| –High Capacity DS1 | \$ 11.18 |
| –High Capacity DS3 | \$ 97.44 |
| (2) <u>Direct Trunked Termination</u> | |
| Per Termination | |
| –Voice Grade | \$ 9.99 |
| –High Capacity DS1 | \$ 24.29 |
| –High Capacity DS3 | \$ 155.99 |

(B) Multiplexing

| | |
|-----------------|-----------|
| Per Arrangement | |
| DS1 to Voice | \$ 187.00 |
| DS3 to DS1 | \$ ICB |

(C) Tandem Switched Transport

| | |
|--------------------------------|------------|
| (1) Tandem Switched Facility | |
| Per Access MOU Per Mile | \$0.000220 |
| (2) Tandem Switch Termination | |
| Per Access MOU Per Termination | \$0.000460 |
| (3) Tandem Switching Charge | \$ NA |
| Per Access MOU Per Termination | |

ACCESS SERVICE

17. Rates and Charges (Cont.)17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.) (C)17.4.2 Local Transport (Cont.)

| | <u>Rate</u> |
|--|--|
| (D) <u>Entrance Facilities</u> | |
| Per Termination | |
| –Voice Grade Two-Wire | \$ 15.68 |
| –Voice Grade Four-Wire | \$ 25.09 |
| –High Capacity DS1 | \$ 76.74 |
| –High Capacity DS3 | \$ 700.69 |
| (E) <u>Transport Interconnection Charge</u> | |
| Per Access MOU | \$ NA |
| (F) <u>Installation Non-Recurring Charge</u> | |
| (1) Per 24 trunks activated or fraction thereof on a per order basis | \$ 459.00 |
| (2) Per Entrance Facility | |
| Voice Grade 2-Wire | \$ 450.00 |
| Voice Grade 4-Wire | \$ 450.00 |
| High Capacity DS1 | \$ 330.00 |
| High Capacity DS3 | \$ 445.00 |
| | <u>Rate Per</u> <u>Call Blocked</u> |
| (G) <u>Network Blocking Charge</u> | |
| (Applies to FGD) | \$ 0.0153 |

ACCESS SERVICE

17. Rates and Charges (Cont.)

17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.)

17.4.3 End Office

| | <u>Originating Rate</u> | <u>Terminating Rate</u> | |
|---|---------------------------------|-----------------------------|-----|
| (A) <u>Local Switching</u> | | | |
| (1) <u>Premium</u> | | | |
| Per Access Minute | \$ 0.019256 | \$.010833# | (R) |
| (B) <u>Information Surcharge</u> | | | |
| (1) <u>Premium</u> | | | |
| Per Access Minute Per 100 Access Minutes | \$ 0.3244 | \$.0000## | |
| (C) <u>Toll Free Number Data Base Service</u> | <u>Rates Per Call/Query</u> | | |
| Per Query | | | |
| – Basic | \$ 0.0054 | | |
| – Vertical Feature | \$ 0.0060 | | |

Includes Information Surcharge
Included in Terminating Local Switch Rate

ACCESS SERVICE

17. Rates and Charges (Cont.)17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.)17.4.4 Special Access Service¹

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> | |
|---|--------------------------|--------------------------------------|-----|
| (A) <u>Voice Grade Channel</u> | | | |
| (1) <u>Channel Termination</u> Per Termination | | | |
| –Two-Wire | \$ 21.23 | \$ 450.00 | (I) |
| –Four-Wire | \$ 33.98 | \$ 450.00 | (I) |
| (2) <u>Channel Mileage Facility</u> Per Mile | \$ 3.22 | NA | (I) |
| (3) <u>Channel Mileage Termination</u> Per Termination | \$ 13.53 | NA | (I) |
| <u>Functions</u> | | | |
| (a) <u>Bridging</u> | | | |
| Voice Bridging Per Port | | | |
| –Two-Wire | \$ 6.64 | NA | |
| –Four-Wire | \$ 6.64 | NA | |
| Data Bridging Per Port | | | |
| –Two-Wire | \$ ICB | NA | |
| –Four-Wire | \$ ICB | NA | |
| (b) <u>Conditioning Per Termination</u> | | | |
| –C-Type | \$ ICB | | |
| –Improved Attenuation Distortion* | NA | NA | |
| –Improved Envelope Delay Distortion | NA | NA | |
| –Data Capability | \$ ICB | NA | |

Note: 1 Rates and charges for other special access services, optional features, or bit rates are ICB.

17. Rates and Charges (Cont.)17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.) (C)17.4.4 Special Access Service¹ (Cont.)

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> |
|---|--------------------------|--------------------------------------|
| (4) <u>Optional Features and Functions</u> (Cont.) | | |
| (c) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination | | |
| –Two-Wire | \$ ICB | NA |
| –Four-Wire | \$ ICB | NA |
| (d) Customer Specified Receive Level per Two-Wire Termination | \$ ICB | NA |
| (e) Signaling Capability Per Termination | \$ ICB | NA |
| (f) Selective Signaling Arrangement Per Arrangement | \$ ICB | NA |

Note: 1 Rates and charges for other special access services, optional features, or bit rates are ICB.

ACCESS SERVICE

17. Rates and Charges (Cont.)17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.)17.4.4 Special Access Service¹(Cont.)

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> | |
|---|--------------------------|--------------------------------------|-----|
| (B) <u>Metallic Channel</u> | | | |
| (1) <u>Channel Termination</u> Per Termination Two Wire | \$ NA | \$ NA | |
| (2) <u>Channel Mileage Facility</u> Per Mile | \$ NA | NA | |
| (3) <u>Channel Mileage Termination</u> Per Termination | \$ NA | NA | |
| (C) <u>Digital Data</u> | | | |
| (1) <u>Channel Termination</u> Per Termination* | | | |
| 56-64Kbps | \$ 39.19 | \$ 390.00 | (I) |
| (2) <u>Channel Mileage Facility</u> Per Mile | | | |
| 56-64Kbps | \$ 4.33 | \$ NA | (I) |
| (3) <u>Channel Mileage Termination</u> Per Termination | | | |
| 56-64Kbps | \$ 18.23 | \$ NA | (I) |
| (4) <u>Optional Features and Functions</u> | | | |
| (a) Bridging, per port | \$ ICB | | |

Note: 1 Rates and charges for other special access services, optional features, or bit rates are ICB.

ACCESS SERVICE

17. Rates and Charges (Cont.)17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.)17.4.4 Special Access Service¹(Cont.)

| | <u>Monthly Rates</u> | <u>Non Recurring Charges</u> | |
|---|--------------------------|--------------------------------------|-----|
| (D) <u>High Capacity</u> | | | |
| (1) <u>Channel Termination</u> Per Termination | | | |
| – DS1 1.544 Mbps | \$ 103.92 | \$ 330.00 | (I) |
| – DS3 44.736 Mbps | \$ 948.88 | \$ 445.00 | (I) |
| (2) <u>Channel Mileage Facility</u> Per Mile | | | |
| – DS1 1.544 Mbps | \$ 15.14 | | (I) |
| – DS3 44.736 Mbps | \$ 131.95 | | (I) |
| (3) <u>Channel Mileage</u> <u>Termination</u> Per Termination | | | |
| – DS1 1.544 Mbps | \$ 32.89 | NA | (I) |
| – DS3 44.736 Mbps | \$ 211.24 | NA | (I) |
| (4) <u>Multiplexing per</u> <u>Arrangement</u> | | | |
| – DS1 to Voice | \$ 216.06 | 300.00 | (I) |
| – DS3 to DS1 | \$ ICB | 300.00 | |
| DS1 to DS0 | \$ ICB | NA | |
| DS0 to substrates | | | |
| UP to 20 2.4 kbps | \$ ICB | | |
| UP to 10 4.8 kbps | \$ ICB | | |
| UP to 5 9.6 kbps | \$ ICB | | |

Note: 1 Rates and charges for other special access services, optional features, or bit rates are ICB.

ACCESS SERVICE

17. Rates and Charges (Cont.)

17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.) (C)

17.4.4 Special Access Service (Cont.) #

| | Monthly Rates | Non Recurring Charges |
|---|------------------------------------|---------------------------------|
| (D) <u>High Capacity</u> | | |
| (6) Central Office Connecting Channel –All services | \$ 17.00 | 50.00 |
| (E) <u>Special Access Surcharge</u> Per Voice Grade Equivalent | \$ 25.00 | NA |
| (F) <u>Term Discounts</u> | \$ <u>TERM</u> 36 mos 60 mos | <u>Percentage</u> 10% 20% |
| (G) <u>Synchronous Optical Channel Service (SONET)</u> | | |
| (1) <u>Channel Termination</u> Per Termination* | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ ICB |
| OC12 622.08 Mbps | \$ ICB | \$ ICB |
| (2) <u>Channel Mileage Facility</u> Per Mile | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ |
| OC12 622.08 Mbps | \$ ICB | \$ |
| (3) <u>Channel Mileage Termination</u> Per Termination | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ |
| OC12 622.08 Mbps | \$ ICB | \$ |
| (4) <u>Optional Features and Functions</u> | | |
| (a) Customer node to node | \$ | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ ICB |
| OC12 622.08 Mbps | \$ ICB | \$ ICB |
| <u>Customer Premise Port per Port</u> | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ |
| STS-1 51.84 Mbps | \$ ICB | \$ ICB |
| DS3 44.736 Mbps | \$ ICB | \$ ICB |
| DS1 1.544 Mbps | \$ ICB | \$ ICB |

ACCESS SERVICE

17. Rates and Charges (Cont.)17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.) (C)17.4.4 Special Access Service (Cont.) #

| | Monthly Rates | Non Recurring Charges |
|--|------------------|-----------------------------|
| (G) <u>Synchronous Optical Channel Service (SONET)</u> | | |
| (4) <u>Optional Features and Functions</u> | | |
| (b) Add drop Multiplexing Central Office Port per Port | | |
| OC3/OC3c 155.52Mbps | \$ ICB | \$ ICB |
| DS3 44.736 Mbps | \$ ICB | \$ ICB |
| DS1 1.5444 Mbps | \$ ICB | \$ ICB |
| (5) <u>Term Discounts</u> | | |
| 24 months | ICB | |
| 36 months | \$ ICB | |
| 60 months | \$ ICB | |

ACCESS SERVICE

17. Rates and Charges (Cont.)17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.) (C)17.4.5 Miscellaneous Services

| | <u>Per Line Per Request</u> |
|--|---------------------------------|
| (A) <u>Presubscription</u> | |
| PIC Change | |
| Per Telephone Exchange Service Line or Trunk** | |
| – Per Occurrence Processed Manually | \$ 5.50 |
| – Per Occurrence Processed Manually Simultaneously with LPIC | \$ 2.75 |
| – Per Occurrence Processed Electronically | NA |
| – Per Occurrence Processed Electronically Simultaneously with LPIC | NA |
| (B) <u>Block Services</u> | |
| (1) <u>International Blocking Service</u> | \$ 35.00 |
| (2) <u>900 Blocking Service</u> | |
| a. Blocking | |
| 1st Request | \$ 0.00 |
| Each Request Thereafter | 11.20 |
| b. Unblocking | |
| 1st Request | \$ 0.00 |
| Each Request Thereafter | \$ 11.20 |

** This charge is generally billed to the end user that is the subscriber to the telephone exchange service. In those instances where the IC both requests the presubscription change and requests the associated charge be billed to them, the LEC will bill the IC. In the event an end user is incorrectly presubscribed due to misassignment on the part of the LEC, no charge shall apply. In the event an end user is incorrectly presubscribed due to misassignment on the part of the IC, and the IC is unable to document such an assignment, the LEC will apply the charge to the IC responsible for the misassignment of the end user and assign the end user to the IC of the end user's choice.

ACCESS SERVICE

17. Rates and Charges (Cont.)17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.) (C)17.4.5 Miscellaneous Services (Cont.)

| | <u>Per Line</u> <u>Per Request</u> |
|---|---------------------------------------|
| (C) <u>Local Number Portability</u> <u>(LNP) Query Service</u> LNP Query Charge | \$ 0.0017 |
| (D) <u>Billing Name and Address Information</u> Per Request Incidence | |
| – Per BNA Order | \$ 50.94 |
| – Per BNA Record | \$.33 |
| Optional format, programming charge Per each half hour or fraction thereof | \$ 37.20 |
| (E) Access Order Charge Per Order | \$ 86.00 |
| (G) Access Service Request Modifications | |
| 1. Service Date Change Charge | \$ 60.00 |
| 2. Design Change Charge | \$ 84.00 |
| 3. Miscellaneous Service Order Charge Per Occurrence | \$ 123.00 |
| 4. Expedited Service Order Charge Per Occurrence | \$ 53.00 |
| 5. Cancellation of Access Service Order | \$ 53.00 |

ACCESS SERVICE

17. Rates and Charges (Cont.)17.4 Heartland Telecommunications Company of Iowa DBA Enventis (Cont.) (C)17.4.5 Miscellaneous Services (Cont.)

| | Basic Time Normally Scheduled | Overtime Outside Normally Scheduled | Premium Outside Scheduled Work Day |
|--|--|--|---|
| | <hr/> Working Hours <hr/> | | |
| (G) <u>Additional Engineering Periods</u> | | | |
| Per engineer, 1/2 hour or Fraction thereof | \$ 31.03 | \$ 46.55 | \$ 62.06 |
| (H) <u>Additional Labor</u> | | | |
| Per technician, 1/2 hour or Fraction thereof | | | |
| 1. Installation and Repair | | \$ 47.57* | \$ 63.42* |
| 2. Standby | \$ 21.18 | \$ 31.77* | \$ 42.36* |
| 3. Testing and Maintenance With Other Telephone Companies or Other Labor | | | |
| - Per Installation and Repair Technician | \$ 31.71 | \$ 47.57* | \$ 63.42* |
| 4. Testing and Maintenance With Other Telephone Companies or Other Labor | | | |
| - Per Central Office Maintenance Technician | \$ 34.66 | \$ 51.99* | \$ 69.32* |
| (I) <u>Telecommunications Service</u> | | | |
| Priority- (TSP) | \$ Month | \$ NRC | \$ |
| DS1 | \$ 5.00 | \$ 100.00 | \$ |
| DS3 | \$ 17.00 | \$ 100.00 | \$ |

*A call out of a Heartland Telecommunications Company of Iowa DBA Enventis, employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four (4) hours.