

ACCESS SERVICE**CHECK SHEET**

Title Page 1 to 17-1106 of this tariff and Supplement 10 are effective as of the date shown. Original and revised pages as named below contain all changes that are in effect on the date hereof.

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| 17-597.2 | 1st | 17-634 | 9th | | |
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ACCESS SERVICE16. Public Packet Data Network (Cont'd)16.4 Ethernet Transport Service

Telephone Companies providing Ethernet Transport Service (ETS) under this Section are indicated in the following table.

| <u>Telephone Company</u> | <u>Study Area Code</u> | <u>Provides ETS without Meet Point Interface</u> | <u>Provides ETS with Meet Point Interface</u> | <u>ETS Term Discount Plan</u> | <u>VLAN Service</u> |
|---|------------------------|--|---|-------------------------------|---------------------|
| TDS Telecom Companies ⁽¹⁾ | | X | | X | |
| Camden Tel. and Telegraph Company, Inc. d/b/a TDS Telecom ⁽¹⁾ | 220351 | X | | X | |
| Mt. Vernon Telephone Company d/b/a TDS Telecom ⁽¹⁾ | 330917 | X | | X | |
| Oklahoma Communication Systems, Inc. d/b/a TDS Telecom ⁽¹⁾ | 431984 | X | | X | |
| Tennessee Telephone Company d/b/a TDS Telecom ⁽¹⁾ | 290575 | X | | X | |
| Chesnee Telephone Company, Inc. d/b/a Chesnee Communications | 240515 | X | | | |
| Farmers Telephone Cooperative, Inc. | 240520 | | X | X | X |
| Gearheart Communications Company, Inc. d/b/a Coalfields Telephone Company | 260408 | X | | | |
| Millington Telephone Company | 290571 | X | | | |
| Skyline Telephone Membership Corporation | 230501 | X | | X | |
| Yadkin Valley Telephone Membership Corporation | 230511 | X | | | |
| Home Telephone ILEC, LLC d/b/a Home Telecom | 240527 | X | | X | |
| Mt. Horeb Telephone Company | 330916 | X | | X | |

(N)

(1) TDS Telecom Companies rates for four issuing carriers are pooled and listed under "TDS Telecom Companies" in Section 17.

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ACCESS SERVICE16. Public Packet Data Network (Cont'd)16.4 Ethernet Transport Service

Telephone Companies providing Ethernet Transport Service (ETS) under this Section are indicated in the following table. (Cont'd)

| <u>Telephone Company</u> | <u>Study Area Code</u> | <u>ETS Term Discount Plan Options</u> | |
|---|------------------------|---------------------------------------|------------------------------|
| | | <u>ETS Volume Discount Plan</u> | <u>ETS Fixed Rate Option</u> |
| TDS Telecom Companies ⁽¹⁾ | | X | X |
| Camden Tel. and Telegraph Company, Inc. d/b/a TDS Telecom ⁽¹⁾ | 220351 | X | X |
| Mt. Vernon Telephone Company d/b/a TDS Telecom ⁽¹⁾ | 330917 | X | X |
| Oklahoma Communication Systems, Inc. d/b/a TDS Telecom ⁽¹⁾ | 431984 | X | X |
| Tennessee Telephone Company d/b/a TDS Telecom ⁽¹⁾ | 290575 | X | X |
| Chesnee Telephone Company, Inc. d/b/a Chesnee Communications | 240515 | | |
| Farmers Telephone Cooperative, Inc. | 240520 | | |
| Gearheart Communications Company, Inc. d/b/a Coalfields Telephone Company | 260408 | | |
| Millington Telephone Company | 290571 | | |
| Skyline Telephone Membership Corporation | 230501 | | |
| Yadkin Valley Telephone Membership Corporation | 230511 | | |
| Home Telephone ILEC, LLC d/b/a/ Home Telecom | 240527 | | |
| Mt. Horeb Telephone Company | 330916 | | |

(N)

(1) TDS Telecom Companies rates for four issuing carriers are pooled and listed under "TDS Telecom Companies" in Section 17.

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ACCESS SERVICE16. Public Packet Data Network (Cont'd)16.4 Ethernet Transport Service (Cont'd)16.4.1 General

Ethernet Transport Service (ETS) is a high speed data transport service that provides end-to-end transmission using Ethernet packet technology at transport speeds ranging from 2 Mbps to 2 Gbps, where available. Capacities offered by issuing carriers may include one or more of these capacities as indicated in the offerings listed in each issuing carrier's company-specific rate section. ETS is ideal for transport of broadband multimedia traffic (i.e., voice, data and video) using variable length Ethernet packets with the ability to interconnect multiple locations using the Telephone Company's ETS network. Ethernet packets generated by Ethernet-compatible customer premises equipment (CPE) are transmitted using available capacity on shared transmission paths through the Telephone Company's ETS network to a pre-specified destination. The ETS customer may use ETS to: (1) interconnect customer designated premises (CDPs) served by the Telephone Company's ETS network, (2) interconnect with its local area network (LAN) to the Telephone Company's ETS network and/or (3) interconnect its CDPs to an Ethernet network located outside of the Telephone Company's serving territory. (C)

16.4.2 Service Description

ETS is provided using a combination of ETS Channel Terminations (ETS CTs), ETS Ports, ETS Ethernet Virtual Connections (ETS EVCs), and ETS Extended Ethernet Virtual Connections (ETS E-EVCs). As described below, ETS may be used in conjunction with Special Access High Capacity DS3 and Synchronous Optical Channel Service OC3 and OC12 Services as specified in Section 7, preceding, and with DSL Access Services as specified in Section 8, preceding. An ETS Port is required to provide the interface in to the Telephone Company's ETS network. ETS EVCs establish a shared transmission path between any two ETS Ports on the Telephone Company's ETS network. ETS E-EVCs may be ordered to connect the Telephone Company's ETS network to an adjacent telephone company's Ethernet network.

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ACCESS SERVICE16. Public Packet Data Network (Cont'd)16.4 Ethernet Transport Service (Cont'd)16.4.4 Rate Regulations (Cont'd)

The various ETS Service Elements are described below:

(A) Rate Categories(1) ETS Channel Terminations (CTs)

An ETS CT provides the transport facility between the customer's designated premises and an ETS Basic Port at the Telephone Company's ETS SWC.

ETS CTs are available at bandwidth speeds of 2 Mbps, 5 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps, 750 Mbps, 1 Gbps and 2 Gbps. The ETS customer orders the type of ETS CT it needs based on its bandwidth requirements. Bandwidth speeds of 50 Mbps and above require use of a fiber loop facility, where such fiber facilities exist. ETS CTs are available only from suitably equipped ETS SWCs for connection to ETS Basic Ports.

(C)

A Special Access High Capacity DS3 or Synchronous Optical Channel Service OC3 or OC12 Channel Termination may also be used to connect a CDP to the Telephone Company's ETS SWC for connection to an ETS Interconnection Port. The provisions for Special Access Channel Terminations are specified in Section 7, preceding.

Monthly and nonrecurring charges apply for each ETS CT ordered. The monthly rate is based upon the bandwidth capacity ordered and whether the CDP is located within 300 feet of the ETS SWC or more than 300 feet from the ETS SWC. Rates and charges are specified in Section 17, following.

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ACCESS SERVICE16. Public Packet Data Network (Cont'd)16.4 Ethernet Transport Service (Cont'd)16.4.4 Rate Regulations (Cont'd)(A) Rate Categories (Cont'd)(2) ETS Ports (Cont'd)

- (a) ETS Basic Ports provide the interface to the Telephone Company's ETS network and do not include the required transport facility between the CDP and the Telephone Company's ETS SWC.

ETS Basic Ports are available with bandwidth speeds of 2 Mbps, 5 Mbps, 10 Mbps, 20 Mbps, 50 Mbps, 100 Mbps, 250 Mbps, 500 Mbps, 750 Mbps, 1 Gbps and 2 Gbps. Required transport to the ETS Basic Port is provided using an ETS CT as described above. Each ETS Basic Port must be associated with a minimum of one ETS EVC, one ETS E-EVC or one optional DSL Access Service Connection function. An ETS Basic Port may be associated with more than one ETS EVC or ETS E-EVC. The bandwidth speed of an ETS Basic Port must be equal to or greater than the bandwidth speed of the associated ETS CT. The bandwidth speed of an optional DSL Access Service Connection function must be equal to the bandwidth speed of the associated ETS Basic Port.

(C)

- (b) ETS Interconnection Ports also provide the interface to the Telephone Company's ETS network and do not include the required transport facility between the CDP and the Telephone Company's ETS SWC. Used in conjunction with Special Access DS3, OC3 and/or OC12 Services, ETS Interconnection Ports permit the ETS customer to: 1) connect a CDP served by an ETS or non-ETS SWC to the Telephone Company's ETS network or 2) interconnect the Telephone Company's ETS network to an Ethernet network located in the serving territory of a non-adjacent telephone company.

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ACCESS SERVICE

17. Rates and Charges - Mt. Horeb Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(T)
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(T)

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ACCESS SERVICE17. Rates and Charges - Mt. Horeb Telephone Company (Cont'd) (N)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS)

Regulations concerning Ethernet Transport Service (ETS) are set forth in Section 16.4, preceding.

(A) ETS Channel Terminations

- (1) Per termination when customer designated premises located within 300 feet of ETS SWC

| <u>Capacity</u> | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|----------------------------|
| 1 Gbps | \$1,721.61 | \$307.00 |
| 2 Gbps | \$2,875.09 | \$307.00 |

(B) Ports

- (1) Per ETS Basic Port

| <u>Capacity</u> | <u>Monthly Rate</u> | <u>Nonrecurring Charge</u> |
|-----------------|---------------------|----------------------------|
| 1 Gbps | \$2,289.18 | \$307.00 |
| 2 Gbps | \$3,814.25 | \$307.00 |

(N)

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ACCESS SERVICE

17. Rates and Charges - Mt. Horeb Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)

(C) Optional Features and Functions

(1) DSL Access Service Connection

(a) Per ETS Basic Port equipped

| <u>Capacity</u> | <u>Nonrecurring Charge</u> |
|-----------------|----------------------------|
| 1 Gbps | \$118.00 |
| 2 Gbps | \$118.00 |

(2) ETS Term Discount Plan

| <u>Term Commitment</u> | <u>Percentage</u> |
|------------------------|-------------------|
| 36 months | 10% |
| 60 months | 20% |

(N)

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ACCESS SERVICE17. Rates and Charges – Knology of the Valley, Inc. (Cont'd)17.1 Common Line Access Service and Federal Universal Service Charge (Cont'd)17.1.3 Federal Universal Service Charge (FUSC)

Regulations concerning the Federal Universal Service Charge are set forth in Section 3.9 preceding.

- (A) FUSC Surcharge Percentage Factor Applicable to all interstate charges billed to end users under this tariff.

Percentage
15.6%

(I)

17.1.4 End User Port ChargesRate Per Month

- (A) Digital Transport Facility provided as ISDN Basic Service (BRI), each service

\$ 2.21

- (B) Digital Transport Facility provided as ISDN Primary Service (PRI), each service

\$11.05

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