DIGITAL SUBSCRIBER LINE (DSL) SERVICE GUIDE

REGULATIONS, RATES, AND CHARGES

Applying to the Provision of DSL For Customers of Geetingsville Telephone Co., Inc.

This DSL Service Guide does not include Internet Access, Content or any connections beyond the Telephone Company's central office.

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EXPLANATION OF ABBREVIATIONS

ADSL - Asymmetric Digital Subscriber Line Access Service

CO - Central Office

CDP - Customer Designated Premises

DSL - Digital Subscriber Line

DSLAM - Digital Subscriber Line Access Multiplexer

ETS MM-VCC - Ethernet Transport Service MultiMedia Virtual Circuit Channel

ISP - Internet Service Provider
LAN - Local Area Network
Mbps - Megabits per second

MM-VCC - MultiMedia Virtual Circuit Channel

NIC - Network Interface Card
NID - Network Interface Device

SDSL - Symmetric Digital Subscriber Line VPCP - Volume Pricing Commitment Plan

1. Application of Service Guide

This Service Guide contains regulations, rates and charges applicable to the provision of Digital Subscriber Line (DSL) Services. These DSL services are provided to customers by Geetingsville Telephone Co., Inc. hereinafter the "Telephone Company".

The provision of such services by the Telephone Company as set forth in this Service Guide does not constitute a joint undertaking with the customer for the furnishing of any service.

1 Application of Service Guide (Cont'd)

1.1 Definitions

Certain terms used throughout this Service Guide are defined as follows:

- 1.1.1. <u>Asymmetric Digital Subscriber Line Access Service ("ADSL")</u> Connection to the internet that allows for download speeds that are greater than the upload speeds.
- 1.1.2. <u>Central Office ("CO")</u> The common carrier switching center in which trunks and/or loops are terminated and switched.
- 1.1.3. <u>Customer</u> Any individual, association, partnership, corporation, cooperative, trust or governmental agency, or other entity which utilizes the Services provided by the Telephone Company.
- 1.1.4. <u>Customer Designated Premises ("CDP")</u> The location that is designated by the customer for the main purpose of connecting to Telephone Company's service.
- 1.1.5. <u>Data Only Customers or Consumer Broadband-Only Loop ("CBOL")</u> Refers to the provision over a line does not also carry local exchange switched voice telephone service to the customer designated premise. Data Only/CBOL for the Incumbent Local Exchange Carrier (ILEC) is offered under NECA Tariff no. 5 and not in this DSL Service Guide.
- 1.1.6. <u>Digital Subscriber Line ("DSL")</u> Refers to the transfer of data over the same wires used for voice telephone service to connect to the Internet.
- 1.1.7. <u>Digital Subscriber Line Access Multiplexer ("DSLAM")</u> The equipment used by an Internet Service Provider to route incoming DSL connections to the Internet and that allows for a group of subscriber connections into one aggregate Internet connection.
- 1.1.8. Force Majeure When an extraordinary event or circumstance beyond the control of the Telephone Company occurs and prevents fulfillment of obligations under the contract. Examples include, but are not limited to, war, strike, riot, crime, terrorist activities, or an event described by the legal term "act of God" (e.g., natural disaster such as, but not limited to, fire, flooding, storm, tornado, hurricane, earthquake, volcanic eruption).
- 1.1.9. <u>Internet Protocol ("IP")</u> The industry standard protocol or method by which data is sent from one computer to another on the Internet.
- 1.1.10. <u>Internet Service Provider ("ISP")</u> An organization that provides access to the Internet by providing a user name and password to the end user Internet customer.

- 1 Application of Service Guide (Cont'd)
- 1.1 <u>Definitions (Cont'd)</u>
 - 1.1.11. <u>Megabits per second ("Mbps")</u> Widely used measure of data transfer speed. 1Mbps is equal to 1 million bits per second.
 - 1.1.12. <u>Local Area Network ("LAN")</u> Refers to a group of computers and associated devices that all share a common communications line or wireless link.
 - 1.1.13. <u>MultiMedia Virtual Circuit Channel ("MM-VCC")</u> Allows for the ability to send high speed multimedia transmissions.
 - 1.1.14. <u>Network Interface Card ("NIC")</u> Refers to the card that "physically" makes the connection between the computer and the network cable.
 - 1.1.15. <u>Network Interface Device ("NID")</u> Refers to the devise that allows computers within a Local Area Network to interconnect to an outside network.
 - 1.1.16. <u>Telecommunications</u> The transmission of voice communications and subject to the capabilities of the service, the transmission of data, signaling, or any other form of intelligence.
 - 1.1.17. <u>Voice-Data</u> The provision of service over a line that also carries Telephone Company provided local exchange switched voice services to the customer premises.
 - 1.1.18. <u>Volume Pricing Commitment Plan ("VPCP")</u> Allows for discounted rates for services based on commitments of minimum volumes over a determined term.

1 Application of Service Guide (Cont'd)

1.2 DSL Service Descriptions

1.2.1. <u>Service Provisioning</u>

DSL Services are provisioned utilizing existing Telephone Company facilities and transported to its backbone network. The services provide for a connection from the Customer Designated Premises to the designated Telephone Company's connection point. Where facilities permit, access from the Telephone Company's DSL connection point will be provided by Special Access.

1.2.2. Responsibility and Rights of Telephone Company

Telephone Company will maintain and provision services for the customer up to and including the Network Interface Device ("NID") and advice the customer of necessary equipment to support the services. Telephone Company will not provide services if it is determined that it is not technically feasible over the existing facilities or if it will cause interference issues with the existing services. In emergency situations, Telephone Company will have the right to temporarily interrupt services in order to resolve the issue.

1.2.3. Responsibility and Rights of Customer

Customer will have the responsibility of providing compatible Customer Premise Equipment to connect to services; in addition to providing Telephone Company with the necessary information, such as Internet Protocol ("IP") to provision services. Customer is responsible for the payment of all applicable charges for services or facilities provided by Telephone Company to the Customer.

Customer understands that services are subject to the condition that Customer will not abuse or conduct any fraudulent and/or illegal uses of services.

1.2.4. Application

Customer must submit an Application for Services with Telephone Company in order to initiate, change or cancel services. Such Application must include, either written or orally provided: Customer name, address, telephone number and if applicable, designated officer or agent.

Upon receiving completed Application, Telephone Company and Customer will enter in to an agreement that sets forth the specific services that Customer is requesting and ordering along with the terms and volume commitments.

1 Application of Service Guide (Cont'd)

1.2 DSL Service Descriptions (Cont'd)

1.2.5. Charges and Payments for DSL Services

Telephone Company reserves the right to require Customer to provide a deposit or letter of credit as a guarantee of the payment of charges for provided DSL Services from Telephone Company. When applicable, deposit will be held by Telephone Company and may be refunded or credited back to Customer at any time prior to termination of DSL Services. The deposit does not relieve the Customers responsibility for making required payments to Telephone Company. Any and all remaining balances of the deposit will be credited and refunded back to Customer upon termination of DSL Services.

DSL Services will be provided and billed on a month to month basis and will continue until canceled by Customer or Telephone Company in the form of a written notice. Telephone Company will establish the start date and subsequent monthly billing cycles. Monthly bills will include the charge of providing services, in addition to applicable taxes, fees, surcharges and any other applicable charges. Taxes and Surcharges are established by the Federal, State and Local authorities that require Telephone Company to bill Customer.

Payments will be due by the date listed on Customers monthly bill. If Customer fails to remit payment by listed due date, a Late Charge may be assessed in an amount not to exceed the highest allowed interest rate by State Law on the amount past due. Total amount remaining unpaid plus Late Charges will carry over to the following monthly bill. Late Charges will not be applied to any amount that is being disputed by Customer. At Telephone Company's discretion, services may be denied or discontinued due to nonpayment. Upon payment of outstanding balance in full, services will be restored and will be subject to applicable installation (nonrecurring) charges as set forth in Sections 3.2 and 4.2 following and an additional deposit may be required.

In the event of failure of Telephone Company's equipment or facilities that cause an unscheduled disruption of service to Customer for a continuous 48 hours, a Credit of Services will be given to Customer. The Credit of Service allowance will begin from the time Customer notifies Telephone Company of the failure and ends upon the restoration of services and Telephone Company attempts to notify Customer. If the failure is a result of the Customer Provided Equipment (CPE) or Facilities, a Credit of Services will not be allowed, nor will a Credit of Service be given for interruptions of service caused neither by negligence or willful acts of the Customer nor by force majeure.

1 Application of Service Guide (Cont'd)

1.2 DSL Service Descriptions (Cont'd)

1.2.6. Denial or Termination of DSL Service by Telephone Company

Services may be denied or terminated by Telephone Company without giving notice to Customer and without liability in the event of any of the following events occur:

- a. Willful damage of Telephone Company's equipment, interference with use of Telephone Company's service by other Customers; unreasonable capacity demands on Telephone Company's facilities or Services; violation of any statute or provision of law, rule or regulation of State or Federal Regulatory Agency that relates to communications; or any failure of compliance of this Service Guide.
- b. Customer becomes insolvent, subject of formal legal proceeding involving either voluntary or involuntary petition or proceeding in bankruptcy which may result in protection or relief from creditors.
- c. Telephone Company determines any of the provided Services are being used by Customer or its agent for fraudulent or illegal activity.

1.2.7. Billing Disputes

Any billing that Customer believes Telephone Company billed in error will need to be brought to Telephone Company's attention within 60 days of the billed date. Any billing that exceeds 60 days will not be considered for any credit or adjustments. Once Customer notifies Telephone Company of the amount in dispute, Customer may withhold payment on the disputed amount pending resolution. Customer will be responsible for all non-disputed charges by remitting payment by the due date as listed on the monthly bill. Telephone Company will research the dispute to determine whether an adjustment or credit is needed or if the dispute is unjustified. Customer will have 15 days to pay any amount that Telephone Company determines to be a valid charge.

2. Federal Universal Service Charge (FUSC)

2.1 <u>Federal Universal Service Charge (FUSC)</u>

The Federal Universal Service Charge (FUSC) recovers the Telephone Company's contribution to various federal universal service funds. The Telephone Company will apply a surcharge factor each month to the billed charges for DSL services provided to end users from this Service Guide.

FUSC will not apply to DSL services purchased by customers that resell these services to end users as part of an interstate telecommunications service and are required to contribute to the various federal universal service funds. In case of a dispute regarding whether the customer is reselling services and contributing to the various federal universal service funds, the Telephone Company may request a signed certification to that effect from the customer.

2.1.1. Rate Regulations

The Telephone Company will bill FUSC each month as described below. The FUSC Surcharge Factor is set forth in Section 4.1, following.

(A) FUSC Surcharge Factor

The Telephone Company will multiply the FUSC Surcharge Factor set forth in Section 4.1, following, against the end user's bill of interstate access services charges, which include the DSL services.

3. <u>Digital Subscriber Line (DSL) Service</u>

3.1 <u>General Regulations</u>

DSL Services provide transmission services over local exchange service facilities that can be used for simultaneous voice and data communications. Service is provided, where available, between customer designated premises (CDP) and designated Telephone Company DSL Connection Point.

DSL Services use proprietary equipment to provide high-speed digital internet access. The equipment consists of Digital Subscriber Line Access Multiplexer (DSLAM) located at the Telephone Company's DSL connection point and the corresponding remote "modem" unit located at the customer premises.

3.2 Installation

Installation of DSL Services will be from the Telephone Company's DSL Connection Point to the surge protector located within the Network Interface Device (NID). If the customer requires an adapter that includes a router, hub, firewall, other devices, or software they may purchase it from any third party.

Monthly charges for DSL Services are for the circuit and termination. Network Interface Card (NIC) for the associated hardware or software is not included in the monthly charge.

If the customer requires any special inside wiring they may contract with the Telephone Company or any third party provider for that special wiring. Nonrecurring charges include the service order and customer premises visit. They do not include any customer premises wiring charges beyond the Protector.

Early Termination of the unsatisfied commitment will result in charging an early termination fee, as described in 4.2.(D), following, for each ADSL Voice-Data and Data-Only line disconnected. Existing customers as of January 1, 2014 who are committed to a not yet concluded twelve-month minimum service period are considered to have met their commitment period for wavier of the nonrecurring installation charge.

During Telephone Company promotions or at the Telephone Company's discretion, the installation fee may be waived. Installation (non-recurring) charges are set forth in Section 4.2 following.

3. Digital Subscriber Line (DSL) Service (Cont'd)

3.3 Conditions

The following conditions set forth by the Telephone Company are applicable for DSL Services provided by the Telephone Company:

- 3.3.1. The initial and minimum service period is one month.
- 3.3.2. Specified data access rates are the peak upload/download rates available on the local loop segment of the facility. The Telephone Company cannot guarantee effective throughput beyond the DSL circuit, for example, at an Internet Service Provider's (ISP's) server or at a Local Area Network (LAN) server.
- 3.3.3. Availability of the DSL Service is subject to facility limitations, including loop length and other network characteristics.
- 3.3.4. With 30 days notice, the provision of DSL Service may be withdrawn.
- 3.3.5. For any reason that the local exchange line is disconnected, the Telephone Company will automatically disconnect the DSL Service (This does not apply to Data Only customers).
- 3.3.6. The Telephone Company has bundling prices available at their discretion.
- 3.3.7. A DSL Network Reconfiguration Charge applies when the DSL Service customer requests the Telephone Company's network to:
 - (1) Accommodate a change in the DSL Service customer's existing IP address

The nonrecurring charge set forth in Section 4.3, following, applies for each request per DSL Service line.

3. <u>Digital Subscriber Line (DSL) Service (Cont'd)</u>

3.4 Term Plan

The following conditions set forth by the Telephone Company are applicable for DSL Services provided under the Term Plan by the Telephone Company in addition to the conditions in Section 3.3 preceding:

- 3.4.1. At the end of the Term Plan, the customer may elect to establish a new Term Plan commitment, convert to the rates available under the Monthly Plan, or discontinue service. The rates for all DSL Service lines will automatically be converted to the rates available under the Monthly Plan specified in 4.2(C)(1), following, if the customer does not make an election by the end of the Term Plan. An Access Order Charge will not apply to any election made by the customer at the end of the Term Plan.
- 3.4.2. A customer may terminate a Term Plan without the application of a termination liability charge when the customer replaces its original Term Plan commitment with a new Term Plan commitment provided the length and pricing option of the new Term Plan commitment is of equal or greater length than the length of the original Term Plan commitment. An Access Order Charge will not apply when the customer replaces an existing Term Plan with a new Term Plan commitment under this provision.
- 3.4.3. A customer may terminate a Term Plan without the application of a termination liability charge if the Telephone Company increases the Term Plan monthly rates described in Section 4.2(C)(2), following, during the term of the existing commitment. The customer has 90 days following such rate increase to notify the Telephone Company in writing of its intent to terminate its Term Plan under this section; otherwise, the increased rates will apply for the remainder of the commitment period.

3. Digital Subscriber Line (DSL) Service (Cont'd)

3.4 <u>Term Plan (Cont'd)</u>

3.4.4. If the customer elects to terminate its Term Plan(s) prior to the end of the commitment period for any reason other than specified in 3.4.2 or 3.4.3, preceding, a termination liability charge will apply. For each Term Plan terminated prior to the end of the commitment period, the Telephone Company will bill the customer a charge equal to the monthly Term Plan Charge for its selected pricing option as described in Section 4.2(C)(2)(a), following, multiplied by the number of months remaining in the commitment period.

Monthly Plan rates as described in Section 4.2.(C)(1), following, will apply to all in-service DSL Lines following the early termination of a Term Plan.

3.5 MultiMedia Virtual Circuit Channel (MM-VCC)

Where suitable facilities exist, a customer that requires the ability to send high speed multimedia transmissions (for bandwidth needed above DSL speeds listed in this service guide) may also order a MM-VCC between its CDP and the premises of the end user customer location in the field, provided such end user customer's premises is equipped with DSL Service provided by the Telephone Company under this Service Guide. The MM-VCC is available in increments of 1 Mbps or 4 Mbps, see Section 4.4 following. A MM-VCC can only be ordered in conjunction with DSL service provided in this Service Guide, and can be ordered to the physical bandwidth limitations of the Telephone Company's plant and network capabilities (as determined by the Telephone Company).

Where suitable facilities exist, an Ethernet Transport Service (ETS) customer that requires the ability to send high speed multimedia transmission may also order an ETS MultiMedia Virtual Circuit (ETS MM-VCC) between its CDP and the premises of its end user customer, provided such end user customer's premises is equipped with ADSL Access Service provided by the Telephone Company under this service guide. ETS MM-VCCs are only available when the ETS customer's CDP, the ETS customer's end user premises, and the Telephone Company's DSL Access Service Connection Point SWC are all located within the serving territory of the Telephone Company. ETS MM-VCCs do not increase the bandwidth capacity of ETS CT's, ETS Ports, ETS EVCs and/or Special Access Service Channel Terminations, Channel Mileage Facility and Channel Mileage Terminations used by the ETS customer to connect its CDP to the DSL Access Service Connection Point SWC. The ETS MM-VCC is available in increments of 10 Mbps, see section 4.4 following.

3. <u>Digital Subscriber Line (DSL) Service (Cont'd)</u>

3.5 <u>MultiMedia Virtual Circuit Channel (MM-VCC) (Cont'd)</u>

MM-VCC transmission speeds are not guaranteed and may be affected by factors that affect the actual speeds delivered, including the ADSL Access Service customer's distance from the Telephone Company SWC, condition of the facilities, and any capacity limitations in the customer's network design.

The Telephone Company will waive the ETS MM-VCC monthly rate when the local exchange telephone service, ADSL Access Service and ETS MM-VCC are provided from the same serving wire center where the Telephone Company has located its DSL Access Service Connection Point. The ETS MM-VCC nonrecurring charge will apply.

3.6 <u>Temporary Suspension</u>

When an end user temporarily suspends the local exchange service that is associated with an ADSL Voice-Data and also requests the ADSL Voice-Data option be placed on temporary suspension for the same time period time, the Telephone Company will bill the customer a temporary suspension fee, per line, per occasion, as described in Section 4.2.(E). The Telephone Company will not bill the customer the monthly ADSL Voice-Data while the ADSL Voice-Data option is placed on temporary suspension.

4. Rates and Charges

4.1 <u>Federal Universal Service Charge (FUSC)</u>

Regulations concerning the Federal Universal Service Charge are set forth in Section 2.1 preceding.

<u>Percentage</u>

FUSC Surcharge Factor

4.2 <u>Digital Subscriber Line (DSL) Service</u>

(A) Asymmetric Digital Subscriber Line Access Service

		Monthly Rate	Nonrecurring Charge
<u>ADS</u>	<u>SL Line Charge</u>		
-	Per Voice Data Option - 1 Mbps/15 Mbps - 3 Mbps/30 Mbps - 20 Mbps/50 Mbps - 100 Mbps/200 Mbps	\$23.75 \$28.88 \$30.98 \$71.99	\$185.00 \$185.00 \$185.00 \$185.00
-	Per Data-Only Option - 1 Mbps/15 Mbps - 3 Mbps/30 Mbps - 20 Mbps/50 Mbps - 100 Mbps/200 Mbps	\$54.42 \$61.26 \$82.70 \$215.03	\$211.00 \$211.00 \$211.00 \$211.00

^{*} This percentage is calculated by the FCC and is updated on a quarterly basis.

4. Rates and Charges (Cont'd)

4.2 <u>Digital Subscriber Line (DSL) Service (Cont'd)</u>

(C) <u>DSL Services Discount Pricing Arrangement</u>

(1)	Monthly Plan Line Charges	Monthly Rate	Nonrecurring Charge
	ADSL Line Charge - Per Voice-Data Option - 1 Mbps/15 Mbps - 3 Mbps/30 Mbps - 20 Mbps/50 Mbps - 100 Mbps/200 Mbps	\$23.18 \$28.27 \$30.38 \$70.99	\$185.00 \$185.00 \$185.00 \$185.00
	 Per Data-Only Option 1 Mbps/15 Mbps 3 Mbps/30 Mbps 20 Mbps/50 Mbps 100 Mbps/200 Mbps 	\$53.85 \$60.65 \$76.94 \$185.05	\$211.00 \$211.00 \$211.00 \$211.00

(2) Term Plan

(a) Term Plan Charges

Per Serving Wire
Center included in
a Term Plan
- Pricing Option 1 \$550.62

Effective: March 1, 2018

None

4. Rates and Charges (Cont'd)

4.2 <u>Digital Subscriber Line (DSL) Service (Cont'd)</u>

- (C) <u>DSL Services Discount Pricing Arrangement (Cont'd)</u>
- (2) Term Plan (Cont'd)

(b) Term Plan Line Charges

	Monthly Recurring Charge	Nonrecurring Charge
	1 Year	<u>Orlange</u>
OPTION 1 ADSL		
Voice-Data Option		
- 1 Mbps/15 Mbps	\$13.36	\$185.00
- 3 Mbps/30 Mbps	\$17.67	\$185.00
- 20 Mbps/50 Mbps	\$46.90	\$185.00
- 100 Mbps/200 Mbps	\$78.27	\$185.00
Data-Only Option		
- 1 Mbps/15 Mbps	\$46.86	\$211.00
- 3 Mbps/30 Mbps	\$50.97	\$211.00
- 20 Mbps/50 Mbps	\$61.99	\$211.00
- 100 Mbps/200 Mbps	\$108.74	\$211.00

(c) Volume Pricing Commitment Plan (VPCP)

The Telephone Company offers a VPCP for multiple customers within the Telephone Company's area on the Discount Pricing Arrangement plan.

Monthly Volume	Monthly
Commitment Level	Discount
200 lines	30%
300 lines	40%

The Telephone Company will assess a shortfall charge of \$10.00 per line that falls below the commitment.

There is be no Nonrecurring Charge on Digital Subscriber Line (DSL) Service with a Qualifying VPCP.

(D) Early Termination Fee

ADSL – Voice-Data or Data-Only, per line \$0

(E) Temporary Suspension Fee

ADSL – Voice-Data, per line per occasion \$0

4.3 DSL Network Reconfiguration

	Monthly <u>Rate</u>	Nonrecurring Charge
DSL Network Reconfiguration		•
-Per DSL Service Line, per request	None	\$0.00

4.4 MultiMedia Virtual Circuit Channel (MM-VCC)

	Monthly <u>Rate</u>	Nonrecurring <u>Charge*</u>
-Per 1 Megabit	\$5.87	\$7.00
-Per 4 Megabit	\$11.37	\$7.00
-ETS MM-VCC Per 10 Megabit	\$10.78	\$7.00
-Per MM-VCC Design Change	NONE	\$6.00

^{*} Non-recurring charge is per MM-VCC, not per Increment.