

Verizon North LLC

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

A. General

- a. Digital (ISDN) Single Line Service is a local exchange telecommunications service available only to customers served from suitably equipped central offices where operating conditions permit. Digital (ISDN) Single Line Service is provided Integrated Services Digital Network-Basic Rate Interface (ISDN-BRI) technology. It is a central office based service arrangement which consists of host central office interface equipment and software located on Company premises. This service provides local exchange access, interexchange access, and features.

B. Conditions

- a. Digital (ISDN) Single Line Service is available where central office and operating facilities and conditions permit.
- b. One bill will be rendered for each Digital (ISDN) Single Line Service.
- c. Digital (ISDN) Single Line Service is offered on a contractual basis commencing on the date the service is established.
- d. Digital (ISDN) Single Line Service Line and Feature Packages rates apply each month from the time the system is placed in service until the Digital Single Line Service is discontinued.
- e. If remote units are required to provide switching capabilities for intra-communication purposes, they will be located on Company provided sites located on the customer's premises. Any remote units and all system cabling used in association with Digital Single Line Service are provided by and remain the property of the Company.
- f. Rates and charges for Digital (ISDN) Single Line Service contemplate the use of central office equipment selected by the Company. When special central office equipment or features are provided at the request of the customer, special assembly rates and charges may be applied in addition to those shown herein.
- g. At the Company's discretion, Digital (ISDN) Single Line Service may be provisioned from a non-capable central office. The service will be provided by low density ISDN-BRI facilities homed to an ISDN capable wire center. Digital (ISDN) Single Line Foreign Exchange (FX) Service will require Fractional T-1 interoffice transport for each Digital Single Line provisioned. The customer must accept a number from the ISDN serving office.

When ISDN service becomes available from the customer's normal serving central office, the customer will accept a number change to a number associated with the ISDN serving central office. The customer will be subject to calling areas associated with the normal serving central office, as specified in Verizon's tariffs. If the customer does not wish to take ISDN service from the normal serving central office after the service is available from their office, but continues to utilize service from an alternate serving central office, then charges as outlined above will continue to apply.

No charge will apply to transfer the customer back to their normal serving central office as set forth above.

Provisioning of ISDN from noncapable ISDN offices is solely at the discretion of the Company.

- h. A minimum service period of three months is required for each ISDN Single Line service.

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Verizon North LLC

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

B. Conditions (Continued)

- i. Private Line arrangements or Special Access Services connected with Digital Single Line Service are subject to rates, rules, and conditions as set forth in the appropriate tariffs.
- j. Certain optional feature capabilities may not be compatible with other Feature Packages or Optional System features.
- k. Space Requirements

Suitable and sufficient space for any remote units required shall be leased by the Company from the customer.

Suitable space includes provisions for atmospheric control and encompasses the following environmental requirements:

- Dust free
- Controlled temperatures ranging from 50o to 86o Fahrenheit, with consideration given to heat loss and/or gain of the equipment
- Relative humidity of 20% minimum and 55% maximum

Commercial power necessary to operate the remote units, if required, shall be provided by the customer and located on the customer's premises.

l. Termination Liability

Digital (ISDN) Single Line Service subscribers that contract a portion of their system under the Digital (ISDN) Single Line Service Term Payment Plan Option are subject to the following liability charges:

In the event Digital(ISDN) Single Line service is terminated by the customer prior to the completion of the initial contract period, the customer shall be liable for payment of termination liability charges. To arrive at the amount owed, the Company will total the remaining contract period payments and reduce this sum by 75%. The remaining balance (25% of the sum) shall become immediately due and payable in its entirety ie: Business customer has 12 month 400 hr. block of time service, customer wishes to terminate service with six months remaining on contract, remaining charges are \$427.26 (6 X \$71.21-monthly access). The termination liability is \$106.82 (25% of \$427.26). The same formula would be used for any optional features billing at the contract rates.

All noncontracted items (i.e., optional features) -- No Termination Liability will be applicable.

Network upgrades -- No Termination Liability will be applicable.

A Digital (ISDN) Single Line customer may at any time renew a contract for an equal or longer period at the current tariffed rates subject to the following conditions:

- Credit will not be given for payments made during the formerly selected period.
- Nonrecurring charges will not be reapplied.
- The new contract period begins with the first billing date following the renewal.
- Termination charges will not apply for the former contract period.

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Verizon North LLC

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

B. Conditions (Continued)

m. General

Services offered in accordance with this tariff are provided exclusively from central offices equipped with digital facilities. The availability of services and ability to provide services may vary among serving central offices. Digital (ISDN) Single Line services will be provided where central office capabilities and conditions permit.

Customer-provided equipment used in conjunction with services provided in accordance with this tariff must conform with the technical specifications of the Company.

The Company may change telecommunications services, equipment, operations, or procedures while remaining consistent with the Federal Communications Commission's Rules and Regulations. If changes cause a customer's equipment or communications system to become incompatible with services or if changes cause terminal equipment to require modification or become less effective, the Company shall not be responsible.

Customer requested temporary disconnections of Digital (ISDN) Single Line services are not permitted.

A change in service from a basic exchange service to Digital (ISDN) Single Line service is a discontinuation of service and an establishment of service which will cause a temporary interruption of service. Termination liabilities will not apply to these changes if the customer subscribes to an equivalent or greater amount of service. However, all applicable installation and service connection charges and all charges applicable to the establishment of Digital (ISDN) Single Line services apply.

n. Digital (ISDN) Single Line Service

Digital (ISDN) Single Line Service is composed of the following elements:

- Residence One-Party or Business One-Party access line
- Single line access
- Line/Configuration:
  - B-Voice/Circuit Switched Data (CSD), per line
  - B-Packet <sup>2</sup>, per channel (optional)
  - D-Packet <sup>2</sup>, per channel (optional)
- Usage Options - must choose one:

|                  |                        |
|------------------|------------------------|
| <u>Residence</u> | <u>Business</u>        |
| Measured         | Measured               |
| Flat rate        | 400 hour block of time |

Digital (ISDN) Single Line Service is digital exchange service.

Each Packaged Service is associated with a digital local loop, not with a channel.

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<sup>2</sup> Effective November 19, 2005, Packet Switching Network Service is no longer available to new customers and current customers may not make changes or additions to existing service.

Verizon North LLC

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

B. Conditions (Continued)

n. Digital (ISDN) Single Line Service (Continued)

Each digital local loop is arranged with a B-Channel or D-Channel configuration, or both a B-Channel and D-Channel configuration.

Digital (ISDN) Single Line Access is a service which terminates a digital local loop at the central office and permits access to the exchange network. Only one Digital (ISDN) Single Line access element is required for each digital local loop.

A customer may order multiple Single Lines.

A Digital (ISDN) Single Line Access arranges a digital local loop for an individual user.

The B-Voice/Circuit Switched Data Channel (B-V/CSD) assigns voice and circuit switched data traffic to two B-Channels of a digital local line. The CSD mode operates at a maximum speed of 64 kbps (Switched 64 kbps) but may be used at a speed of 56 kbps (Switched 56 kbps).

Data sent to interexchange carriers over B-V/CSD Channels in the CSD mode can be transmitted at either 64 kbps or 56 kbps. (Some interexchange carriers do not offer transmission at 64 kbps.)

Data sent to locations within other business systems can be transported at a speed of either 64 kbps or 56 kbps in accordance with the rates, charges, and conditions specified by the Company's tariffs, where 64 kbps is offered.

The D-Packet <sup>2</sup> Switched Data Channel allows transmission of packet-switched data over a D-Channel.

1. Additional Telephone Numbers

Up to two primary telephone numbers are provided with each activated Digital (ISDN) Single Line, one for each of 2 channels. If an additional telephone number is required on either channel, an additional number charge applies for each additional number. The additional telephone numbers are available at the rate shown in this section. Additional telephone numbers may be published in the directory at the additional listing rates set forth in Section 10 of this Tariff.

2. Digital (ISDN) Single Line Access

Digital (ISDN) Single Line Access provides support for connecting from one to eight terminals belonging to the same customer on an individual digital local line.

Only one user will be connected to each B-Channel. Other users on the same digital local loop can access the D-Channel only.

Up to six users can simultaneously share the same D-Channel of a D-Channel packet switching <sup>2</sup> arrangement. Additional telephone numbers are required for each additional terminal.

A maximum of eight terminals belonging to the same customer are permitted per Digital Single line.

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Verizon North LLC

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

A. DIGITAL (ISDN) SINGLE LINE SERVICE<sup>1</sup>

B. Conditions (Continued)

- o. One interexchange carrier must be selected for all voice and circuit switched data telephone numbers associated with the same digital local loop; however, 10XXX access to other Carriers is provided. A separate interexchange carrier may be chosen for packet service <sup>2</sup>.

C. Features

- a. Definitions of the SmartCall® <sup>3</sup> feature packages and CLASS features are provided in Section 29 of the Telephone-Pa. P.U.C. No. 4, Section 21 of the Telephone-Pa. P.U.C. No. 6, Section 18 of the Telephone-Pa. P.U.C. No. 1, and Section 17 of the Telephone-Pa. P.U.C. No. 3 Tariffs.
- b. Circuit Switched Data 1000 Package - Data Call Forward, Data Multi-Line Hunt Group, Data Speed Call-Short List, and Data Toll Restriction.
- c. Circuit Switched Data 2000 Package - Data 1000 Package plus Data Circular Hunting, and Data Speed Call-Long List.
- d. X.25 Basic Package <sup>2</sup> - X.25 Flow Control Parameters Negotiation, X.25 Incoming Calls Barred, X.25 Outgoing Calls Barred, X.25 Reverse Charge, X.25 Reverse Charge Acceptance, X.25 Throughput Class Negotiation, X.25 Transmit Delay Selection and Indication.
- e. X.25 Deluxe Package <sup>2</sup> - X.25 Basic Service (X.25 Flow Control Parameters Negotiation, X.25 Incoming Calls Barred, X.25 Outgoing Calls Barred, X.25 Reverse Charge, X.25 Reverse Charge Acceptance, X.25 Throughput Class Negotiation, X.25 Transmit Delay Selection and Indication) plus X.25 Closed User Groups, X.25 Fast Select, X.25 Fast Select Acceptance, X.25 Hunt Groups, X.25 One-Way Outgoing Logical Channel, and X.25 Permanent Virtual Circuit.
- f. The following feature matrices indicate the availability of each feature with Digital (ISDN) Single Line Service.

**Basic Operating Features <sup>4</sup>**

**Digital**

Feature Name

|                                          |   |
|------------------------------------------|---|
| Direct Inward Dialing                    | X |
| Direct Outward Dialing                   | X |
| Automatic Identification of Outward Dial | X |
| Distinctive Ringing                      | X |
| Touch Call                               | X |
| Calling Number Identification Delivery   | X |

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<sup>3</sup> Discontinued offering

<sup>4</sup> An analog telephone set connected through an appropriate ISDN terminal adapter to a Digital (ISDN) Single Line may subscribe to a SmartCall feature package rather than Digital (ISDN) Single Line Multibutton Key Set (MBKS) feature packages. An MBKS feature package may be supplemented with SmartCall feature packages by adding those packages to the Digital (ISDN) Single Line rate. Applicable charges will apply as stated elsewhere in this tariff.

Verizon North LLC

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

C. Features (Continued)

f. Feature Matrices (Continued)

**Voice Packages Features <sup>2</sup>**

MBKS  
BASIC

Feature Name

|                                             |   |
|---------------------------------------------|---|
| Analog Shared Directory Number              | X |
| Call Alternation                            | X |
| Call Forwarding                             | X |
| Call Hold                                   | X |
| Conference Calling                          | X |
| Drop                                        | X |
| Feature Function Buttons                    | X |
| Feature Inspect                             | X |
| Key System Coverage for Analog Lines        | X |
| Multiple Directory Number Buttons           | X |
| Shared Call Appearance of Directory Numbers | X |
| Speed Calling                               | X |
| Time and Date Display                       | X |

**Data Packages Features**

CSD1000

CSD2000

X.25 <sup>3</sup>

X.25 DELUXE <sup>3</sup>

Feature Name

|                                                       |   |   |   |   |
|-------------------------------------------------------|---|---|---|---|
| Data Speed Call - Short List                          | X | X |   |   |
| Data Call Forward                                     | X | X |   |   |
| Data Toll Restriction                                 | X | X |   |   |
| Data Multi-Line Hunt Group                            | X | X |   |   |
| Data Circular Hunt                                    |   | X |   |   |
| Data Speed Call - Long List                           |   | X |   |   |
| X.25 Flow control Parameters Negotiation <sup>3</sup> |   |   | X | X |
| X.25 Incoming Calls Barred <sup>3</sup>               |   |   | X | X |
| X.25 Outgoing Calls Barred <sup>3</sup>               |   |   | X | X |
| X.25 Reverse Charge <sup>3</sup>                      |   |   | X | X |
| X.25 Reverse Charge Acceptance <sup>3</sup>           |   |   | X | X |
| X.25 Throughput Class Negotiation <sup>3</sup>        |   |   | X | X |
| X.25 Transmit Delay Selection/Indication <sup>3</sup> |   |   | X | X |
| X.25 Closed User Groups <sup>3</sup>                  |   |   |   | X |
| X.25 Fast Select <sup>3</sup>                         |   |   |   | X |
| X.25 Fast Select Acceptance <sup>3</sup>              |   |   |   | X |
| X.25 Hunt Groups <sup>3</sup>                         |   |   |   | X |
| X.25 One-Way Outgoing Logical Channel <sup>3</sup>    |   |   |   | X |
| X.25 Permanent Virtual Circuit <sup>3</sup>           |   |   |   | X |

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<sup>2</sup> SmartCall Packages can be used with Digital (ISDN) Single Line Service.

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Verizon North LLC

## DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

### C. Features (Continued)

#### g. Definitions

##### **Digital (ISDN) Single Line**

B-Channel (Bearer Channel) - A channel used to carry digitized voice and data information at a speed of 64 kbps.

B-Packet <sup>2</sup> - A service which permits a customer to use a B-Channel for packet switched data.

Basic Rate Interface (BRI) - BRI supports two 64 kilobits per second (kbps) B-Channels and one 16 kbps D-Channel (2B+D).

Clear Channel Capability - The capability to transport 64 kbps over a channel with no constraint on the quantity or on the sequence of bits.

Channel - The electrical path provided by the Company between two or more terminating points for the transmission of information or intelligence.

D-Channel (Delta Channel) - A communications path that operates at 16 kbps in support of network control signals and 9.6 kbps X.25 packet data <sup>2</sup>.

D-Packet <sup>2</sup> - A service which permits a customer to use a D-Channel for packet switched data. Utilizes 9.6 of the 16 kbps on BRI ISDN D-Channel and allows for more than one data device.

Digital (ISDN) Single Line - Single Line Service provided by ISDN-BRI. One line includes 2 B-Channels and 1-D-Channel.

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup> - A set of standards which enable end-to-end digital transmission, access integration, and established standardization of points of interconnection over a single access line. End-to-end digital transmission eliminates the necessity for voice-band modems that use analog processing techniques. Access integration refers to utilizing a single ISDN line, whereby an end user over one line can access a wide variety of user information services such as voice, circuit switched data, and packet switched data <sup>2</sup>.

Digital (ISDN) Single Line Access - The central office termination of a BRI Line arranged for access to the public switched network.

Kbps - Kilobits Per Second.

Mbps - Megabits Per Second.

MBKS - Multibutton Key Set.

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Verizon North LLC

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

C. Features (Continued)

g. Definitions (Continued)

**Circuit Switched Data 1000 Package**

Data Call Forward - Allows a customer to forward incoming calls to another telephone number.

Data Multi-Line Hunt Group - Provides sequential hunting among lines in a hunt group for calls to a pilot number.

Data Speed Call-Short List - Allows speed calling over a Circuit Switched Data Channel. A short list allows storing up to eight numbers.

Data Toll Restriction - Denies toll calls attempted from Circuit Switched Data Channels.

**Circuit Switched Data 2000 Package**

Includes CSD 1000 Package plus the following:

Data Circular Hunting - Searches for a vacant line in a hunt group for calls to a pilot number. The hunting starts from the idle line found by the previous hunt.

Data Speed Call-Long List - Allows speed calling over a Circuit Switched Data Channel. A long list allows storing up to thirty numbers.

**X.25 Basic Package <sup>2</sup>**

X.25 Flow Control Parameter Negotiation - Permits negotiation on a per call basis of the flow control parameters. This consists of automatically negotiating the maximum packet size and window size for each direction of data transmission.

X.25 Incoming Calls Barred - Prohibits a data terminal from terminating an incoming call.

X.25 Outgoing Calls Barred - Prohibits a data terminal from originating outgoing virtual calls.

X.25 Reverse Charge - Permits a called party to be billed for a call.

X.25 Reverse Charge Acceptance - Allows a called party to accept charges for incoming calls.

X.25 Throughput Class Negotiation - Allows the calling data terminal to request specific throughput classes in a call request package for both directions of data transmission.

X.25 Transmit Delay Selection and Indication - Allows the data terminal to specify an acceptance transit delay on a per-call basis for virtual call.

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Verizon North LLC

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

C. Features (Continued)

g. Definitions (Continued)

**X.25 Deluxe Package <sup>2</sup>**

Includes Basic package plus the following:

X.25 Closed User Groups - Allows ISDN subscribers to establish subnetworks within which the members of a closed user group can communicate. A member can not communicate with parties outside of the closed user group. Closed user groups are established by a service order. A user can belong to more than one closed user group.

X.25 Fast Select - Allows a data terminal to send as many as 128 bytes of data in addition to call setup and clearing packets.

X.25 Fast Select Acceptance - Allows transmitting incoming call packets with the fast select facility to a compatible destination terminal.

X.25 Hunt Groups - Allows grouping access lines so that a packet switched data call incoming to a hunt group is completed if there is an open channel on an access line within the hunt group. A Hunt Group is established by service order. Members of a Hunt Group can be distributed among the ISDN switching modules within the central office switch, but the Hunt Group cannot span switches. A Basic Rate Interface line within a Hunt Group can have its own address (individual line addressing) and can accept calls independent of the Hunt Group. A Hunt Group can have multiple group addresses.

X.25 One-Way Outgoing Logical Channel - Allows an ISDN subscriber to specify the number of channels to be used for originating calls.

X.25 Permanent Virtual Circuit - Allows packet switching to be implemented over a dedicated channel without needing call setup or clearing.

**Individual Services**

Data Direct Connect - Provides an automatic connection between a calling line that goes off hook and a predetermined telephone number.

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DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

D. MBKS Basic Service

MBKS Basic Service consists of the following:

Analog Shared Directory Number - Allows analog lines that share directory numbers with ISDN multibutton keysets to be assigned to switching modules that do not contain ISDN software.

Call Alternation - Allows a station user to place one call on hold, make a second call, and talk alternately between the two parties.

Call Forwarding - Allows a user to forward calls to a specified number.

Conference Calling - Allows a user to set up a conference call. Conference calls can include members of the customer group and parties outside the group. Up to six parties can be connected.

Drop - Allows a user to disconnect the last party added to a conference call, or the other party if only two parties are conferenced.

Feature Inspect - Provides service providers and end users who have display terminals with a method of determining the features and call appearances that are assigned to the buttons on a terminal. Inspecting a button is a two-step procedure: (1) the Inspect Feature button is depressed, and (2) the feature or call appearance button to be inspected is pressed. The feature assigned or, for call appearances, call related information is displayed.

Hold - Allows the MBKS set user to place a call on hold by pressing the function button. Any MBKS set with the call appearance for call on hold can pick up the call by pressing the call appearance button.

Key System Coverage for Analog Lines - Allows an analog station set to share calls with the ISDN station set.

Multiple DN Buttons - Provide access to more than one Directory Number (DN) on the MBKS set. Indicator lights show the status of the DN (idle, call on hold, call in progress, etc.)

Shared Call Appearances of DN - Allows several MBKS station sets to share one or more DNs. Originating and terminating events on one station set affect all stations sharing that DN. The shared DNs can have multiple call appearances, multiple calls can exist on one DN, and more than one station sharing the DN can have a call active on that shared DN.

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Verizon North LLC

## DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

### D. MBKS Basic Service (Continued)

MBKS Basic Service consists of the following: (Continued)

Speed Calling (Also known as Abbreviated Dialing) - Permits the customer to dial selected numbers using fewer digits than normally required. This is accomplished through the assignment of abbreviated codes to frequently called numbers. One and two-digit speed calling lists are available. The Speed Calling Feature is available to individual lines and members (some or all) of a multiline hunt group. Speed Calling lists assigned to individual lines can be shared by other lines at the customer's request. For the BRCS feature, the service providers can define list sizes and up to three digit access codes.

Terminal Management - Provides a management function for the MBKS terminal and, therefore, is mostly transparent. However, the following capabilities impact the user.

- Adjunct Control
- Automatic Hold/Drop Preference
- Button Management
- Call Appearance Selection for Implicit Conference and Transfer
- Display for Ringing Call Appearances Only
- Feature Button Inspection
- Idle Call Appearance Preference

Time and Date Display - Is a subscription feature for ISDN attendants and ISDN station set users. The 5ESS Switch provides the time and date to the ISDN station set.

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Verizon North LLC

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

E. Rates

a. Home Digital (ISDN) Single Line Service

Grandfathered to existing customers as of September 12, 1997:

The rates shown herein apply in addition to all other applicable rates and charges shown elsewhere in the Company's tariffs.

|                                      | <u>Month-to-Month<br/>Monthly Rate</u> | <u>12 Month<br/>Contract<br/>Monthly Rate</u> | <u>36 Month<br/>Contract<br/>Monthly Rate</u> |
|--------------------------------------|----------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Each residence                       |                                        |                                               |                                               |
| Single Line-measured                 | 2                                      | 2                                             | 2                                             |
| Digital (ISDN) Single<br>Line Access | \$20.00                                | \$19.00                                       | \$18.00                                       |
| B-Voice/CSD, per line                | 2.00                                   | 2.00                                          | 2.00                                          |

Rates for customers subscribing to ISDN Single Line Service after September 12, 1997:

|                                                                     |        |                    |       |
|---------------------------------------------------------------------|--------|--------------------|-------|
| Nonrecurring Charge <sup>3</sup>                                    | 200.00 | 100.00             | 0.00  |
| Flat <sup>4,6,7</sup>                                               | 100.69 | 70.69 <sup>8</sup> | 50.69 |
| Measured <sup>4,6,7</sup>                                           | 24.00  | 24.00              | 24.00 |
| Plus Measured Rate, each B Channel, per minute of use listed below. |        |                    |       |
| Measured Rate, each B Channel,<br>per minute of use <sup>5</sup>    | 0.05   | 0.04               | 0.03  |

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<sup>2</sup> See rates and charges applicable to measured service access line in Section 2 of the applicable Telephone-Pa. P.U.C. No. 1, 3, or 6 Tariff and Section 1 of Telephone-Pa. P.U.C. No. 5 Tariff.

<sup>3</sup> Nonrecurring charges shown here are in lieu of those listed in Section 3 of the applicable Telephone-Pa. P.U.C. No. 1, 3, 4 or 6 Tariff.

<sup>4</sup> Monthly access includes B-voice/circuit switched data on both B-channels.

<sup>5</sup> Usage applies to all originating voice/circuit switched data calls terminating within the local calling area. Applicable toll charges apply as required, in addition to block of time, flat rate or measured service.

<sup>6</sup> All originating local voice and circuit switched data calls apply. Block of time or flat rate does not apply to packet. Applicable toll charges apply as required, in addition to blocks of time, flat rate or measured service.

<sup>7</sup> Local exchange rates apply in addition to the monthly access rates.

<sup>8</sup> Withdrawn from residential service effective July 20, 2013; still available for resale until October 19, 2013, on which date the foregoing terms shall be effective for resale.

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

E. Rates (Continued)

b. Business Digital (ISDN) Single Line Service

Grandfathered to existing customers as of September 12, 1997:

The rates shown herein apply in addition to all other applicable rates and charges shown elsewhere in the Company's tariffs.

|                                       | <u>Month-to-Month<br/>Monthly Rate</u> | <u>12 Month<br/>Contract<br/>Monthly Rate</u> | <u>36 Month<br/>Contract<br/>Monthly Rate</u> |
|---------------------------------------|----------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Each business<br>Single Line-measured | 2                                      | 2                                             | 2                                             |
| Digital (ISDN) Single<br>Line Access  | \$20.00                                | \$19.00                                       | \$18.00                                       |
| B-Voice/CSD, per line                 | 5.00                                   | 5.00                                          | 5.00                                          |

Rates for customers subscribing to ISDN Single Line Service after September 12, 1997:

|                                                                         |        |        |       |
|-------------------------------------------------------------------------|--------|--------|-------|
| Nonrecurring Charge <sup>3</sup>                                        | 200.00 | 100.00 | 0.00  |
| 400 Hour Block of Time <sup>4,6,7</sup>                                 | 101.21 | 71.21  | 51.21 |
| Each Minute over<br>400 Hours per Month <sup>5</sup>                    | 0.05   | 0.05   | 0.05  |
| Measured <sup>4,6,7</sup>                                               | 24.00  | 24.00  | 24.00 |
| Plus Measured, per minute of use,<br>each B Channel, rate listed below. |        |        |       |
| Measured, per minute of use,<br>each B Channel <sup>5</sup>             | 0.05   | 0.04   | 0.03  |

<sup>1</sup> Effective November 25, 2004 Verizon North Digital Single Line Service is grandfathered for existing residential customers. Services are not offered for new installations, moves, changes or additions for existing residential ISDN service.

<sup>2</sup> See rates and charges applicable to measured service access line in Section 2 of the applicable Telephone-Pa. P.U.C. No. 1, 3, or 6 Tariff and Section 1 of Telephone-Pa. P.U.C. No. 5 Tariff.

<sup>3</sup> Nonrecurring charges shown here are in lieu of those listed in Section 3 of the applicable Telephone-Pa. P.U.C. No. 1, 3, 4 or 6 Tariff.

<sup>4</sup> Monthly access includes B-voice/circuit switched data on both B-channels.

<sup>5</sup> Usage applies to all originating voice/circuit switched data calls terminating within the local calling area. Applicable toll charges apply as required, in addition to block of time, flat rate or measured service.

<sup>6</sup> All originating local voice and circuit switched data calls apply. Block of time or flat rate does not apply to packet. Applicable toll charges apply as required, in addition to blocks of time, flat rate or measured service.

<sup>7</sup> Local exchange rates apply in addition to the monthly access rates.

Verizon North LLC

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

E. Rates (Continued)

c. Optional Features

|                                       | <u>Month-to-Month<br/>Monthly Rate</u> | <u>12 Month<br/>Contract<br/>Monthly Rate</u> | <u>36 Month<br/>Contract<br/>Monthly Rate</u> | <u>Nonrecurring<br/>Charges</u> |
|---------------------------------------|----------------------------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------|
| B-Packet, per channel                 | \$120.00 <sup>2, 3</sup>               | \$120.00 <sup>2, 3</sup>                      | \$120.00 <sup>2, 3</sup>                      | --                              |
| D-Packet, per channel                 | 5.00 <sup>2, 3</sup>                   | 5.00 <sup>2, 3</sup>                          | 5.00 <sup>2, 3</sup>                          | --                              |
| Additional Directory<br>Numbers, each | 2.00                                   | --                                            | --                                            | --                              |

d. Packaged Services

|                                    |       |       |       |       |
|------------------------------------|-------|-------|-------|-------|
| MBKS Basic Service, per line       | 6.00  | 6.00  | 6.00  | 25.00 |
| Data 1000, per line                | 10.00 | 10.00 | 10.00 | 15.00 |
| Data 2000, per line                | 12.00 | 12.00 | 12.00 | 15.00 |
| X.25 Basic <sup>3</sup>            | NC    | NC    | NC    | NC    |
| X.25 Deluxe, per line <sup>3</sup> | 5.00  | 5.00  | 5.00  | 15.00 |

e. Individual Services

|                               |      |      |      |    |
|-------------------------------|------|------|------|----|
| Data Direct Connect, per line | 1.00 | 1.00 | 1.00 | -- |
|-------------------------------|------|------|------|----|

f. Digital (ISDN) Individual  
Line Loop Extension, per line<sup>3</sup>

20.75 <sup>4</sup>

<sup>1</sup> Effective November 25, 2004 Verizon North Digital Single Line Service is grandfathered for existing residential customers. Services are not offered for new installations, moves, changes or additions for existing residential ISDN service.

<sup>2</sup> Refer to Packet Switching Network Service in Section 17, Paragraph D. of Tariff Telephone-Pa. P.U.C. No. 1 for complementary packet services and rates.

<sup>3</sup> Effective November 19, 2005, Packet Switching Network Service is no longer available to new customers and current customers may not make changes or additions to existing service.

<sup>4</sup> Grandfathered to existing customers as of September 12, 1997.

DIGITAL (ISDN) SINGLE LINE SERVICE <sup>1</sup>

E. Rates (Continued)

|                                                                                                 | <u>Monthly<br/>Rate</u> | <u>Nonrecurring<br/>Charge</u> |
|-------------------------------------------------------------------------------------------------|-------------------------|--------------------------------|
| g. Digital (ISDN) Single<br>Line FX Service, per line                                           | \$24.00                 | --                             |
| Interoffice Transport                                                                           | 5.00                    |                                |
| h. Data Base Changes                                                                            |                         |                                |
| Software Change - Add Line Features <sup>2</sup>                                                | 25.00 <sup>3</sup>      |                                |
| i. Usage Options <sup>4,5</sup> (Grandfathered to existing customers as of September 12, 1997.) |                         |                                |
| 25 hour block of time <sup>5</sup>                                                              | 17.00 <sup>5</sup>      |                                |
| 50 hour block of time <sup>5</sup>                                                              | 30.00 <sup>5</sup>      |                                |
| Flat rate (Residence only) <sup>5</sup>                                                         | 35.00 <sup>5</sup>      |                                |
| Measured (Business only) <sup>5</sup>                                                           |                         |                                |

<sup>1</sup> Effective November 25, 2004 Verizon North Digital Single Line Service is grandfathered for existing residential customers. Services are not offered for new installations, moves, changes or additions for existing residential ISDN service.

<sup>2</sup> Applies to changes to existing services.

<sup>3</sup> Data Base Additions or Changes other than minor software changes to existing services will be charged a rate of \$50.00 per hour, or fraction thereof.

<sup>4</sup> When customers subscribe to the Usage Options, all local voice and circuit switched data calls are charged toward the monthly rate. Overtime for all local voice and circuit switched data calls occurring beyond the subscribed block of time will be billed at a rate of \$.02 per minute. Residence customers may subscribe to Block of Time or flat rate option on a per line basis for Digital (ISDN) Single Line. Business customers may subscribe to Block of Time or measured option on a per line basis for Digital (ISDN) Single Line. Blocks of Time and flat rate usage pattern encompasses extended calling scope. Applicable toll charges apply in addition, as required. Use Usage Sensitive Service Residence or Business services with all usage options.

<sup>5</sup> Grandfathered to existing customers as of September 12, 1997.