

CUSTOMER SERVICE GUIDE

VERNON TELEPHONE COMPANY, INC.  
New York

Section 5  
Original Sheet 1

SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS

A. **CENTREX SERVICE**

1. **General**

- a. Centrex is a central office-based business communications service which provides capabilities similar to those offered on a Private Branch Exchange, but without requiring switching equipment on the customer's premises. Centrex integrates all of a business customer's lines into a single telecommunications system.
- b. All Centrex station lines will be equipped with standard features. Additional optional features may also be selected and generally result in additional charges.

2. **Rates and Charges**

a. Centrex Line Rates

- 1) **Monthly Centrex Line Rates:** The following per-line Centrex rates apply for contract periods ranging from month-to-month to 60 months. The customer is required to pay for the number of months in the service period selected:

CENTREX LINE RATE SCHEDULE FOR VERNON EXCHANGE						
Lines Per Location	Monthly	12 Months	24 Months	36 Months	48 Months	60 Months
2*	30.40	29.60	28.90	28.20	27.50	26.80
3-5	27.90	27.20	26.50	25.78	25.10	24.40
6-15	25.50	24.80	24.10	23.40	22.50	21.84
16-25	23.10	22.40	21.70	20.90	20.20	19.40
26-50	20.70	19.85	19.15	18.50	17.80	17.10
51-100	18.20	17.50	16.75	16.10	15.40	14.70
100+	16.35	15.50	14.80	14.10	13.40	12.70

\* Rate also applies to single-line off-premise extensions to primary-site Centrex group.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

2. **Rates and Charges** (Continued)

a. Centrex Line Rates (Continued)

2) Service Charges

- a) **Establishment Charge**: A non-recurring service charge will apply for each Centrex line established. These are the only applicable non-recurring charges that apply for the establishment of Centrex lines unless premise work is required. Refer to the service charges section of the Company's Basic Local Exchange Tariff for applicable premise work charges.

<b>Lines Per Location</b>	<b>Service Charge Per Line (Non-recurring Charge)</b>
2 - 5 *	\$25.00
6 - 25	\$20.00
26 - 50	\$15.00
51 +	\$10.00

\* Rate also applies to single-line off-premise extensions to primary-site Centrex group.

## CUSTOMER SERVICE GUIDE

VERNON TELEPHONE COMPANY, INC.  
New York

Section 5  
Original Sheet 3

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### SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS

#### A. CENTREX SERVICE (Continued)

##### 2. Rates and Charges (Continued)

##### a. Centrex Line Rates (Continued)

##### 2) **Service Charges** (Continued)

b) Additions/Changes to Individual Station Features: A **\$5.00** non-recurring additions/changes charge will apply to each Centrex line arranged except for changes or additions to Advanced Calling and Custom Calling Services assigned to each line.

3) **Standard, Non-Chargeable Individual Station Features**: The following are standard, non-chargeable individual station features which are included with the Centrex line rate at no charge:

- a) Business Group Automatic Identified Outward Dialing
- b) Call Park Features:
  - (1) Call Park-Directed
  - (2) Call Park-Local
- c) Call Pick-Up Features
  - (1) Call Pick-Up (non-recurring charge for reprogramming charges only)
  - (2) Call Pick-Up – Directed (non-recurring charge for reprogramming charges only)
- d) Call Transfer-Internal Only
- e) Centrex Repeat Dialing-Internal Only
- f) Direct Inward Dialing (capabilities may be limited by Simulated Facilities)
- g) Direct Outward Dialing (capabilities may be limited by Simulated Facilities)
- h) Distinctive Ringing/Call Waiting Indication
- i) Do Not Disturb
- j) Intercom Dialing
- k) 3-Way Calling
- l) Touchtone
- m) Voice/Data Protection

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

2. **Rates and Charges** (Continued)

a. Centrex Line Rates (Continued)

4) **Optional, Non-Chargeable Individual Station Features:** The following are optional, non-chargeable individual station features which may be added to a Centrex line at no charge:

- a) Call Forwarding Features:
  - (1) Call Forwarding-All Calls (Variable)
  - (2) Call Forwarding-Busy Line
  - (3) Call Forwarding-No Answer
  - (4) Call Forwarding-Incoming Only (Option available with (1)-(3))
  - (5) Call Forwarding-Within Group Only (Option available with (1)-(3))
- b) Call Hold
- c) Caller Identification-Number-Internal Only
- d) Call Transfer-Attendant
- e) Call Waiting Features:
  - (1) Call Waiting (Terminating) (may include Cancel Call Waiting)
  - (2) Call Waiting-Incoming Only (may include Cancel Call Waiting)
- f) Call of Service Restrictions:
  - (1) Fully-Restricted Line
  - (2) Semi-Restricted Line
- g) Off-Premises Station (appropriate Centrex line rates will apply)
- h) Single-Digit Dialing
- i) Speed Call 8 (customer changeable)

CUSTOMER SERVICE GUIDE

VERNON TELEPHONE COMPANY, INC.  
New York

Section 5  
Original Sheet 5

SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS

A. CENTREX SERVICE (Continued)

2. Rates and Charges (Continued)

a. Centrex Line Rates (Continued)

5) **Optional, Chargeable Individual Station Features:** The following are optional, chargeable individual station features which may be provisioned on any Centrex line at the established monthly Customer Service Guide rates:

- a) Call Transfer - Individual - All Calls \$0.50 per line
- b) Class of Service Restrictions:
  - (1) Toll Restriction \$0.40 per line
  - (2) Code Restriction & Diversion \$0.40 per line
  - (3) Outgoing Call Screening \$0.40 per line
- c) Direct Connect Service (a/k/a Hot Line) \$0.40 per line
- d) Manual Line Service \$0.40 per line
- e) Night Service \$0.40 per line
- f) Warm Line \$0.40 per line
- g) Advanced Calling Services:
  - (For availability and conditions, see Company's Advanced Calling Services CSG)
  - (1) Caller ID Basic \$6.90 per Line
  - (2) Caller ID Deluxe \$9.00 per Line
  - (3) All Other Services
  - (For rate, see Company's Advanced Calling Services CSG)
- h) Attendant Camp-On \$1.40 per line
- i) Call Forwarding - Remote Activation \$1.40 per line  
(Add-on to Call Forwarding)
- j) Call Waiting Features:
  - (1) Call Waiting - Dial \$1.40 per line
  - (2) Call Waiting – Originating \$1.40 per line
- k) 6-Way Calling or Conference-Attendant \$4.20 per line
- l) Speed Calling 30-Code (customer changeable) \$1.40 per line
- m) Voice Mail Service +
  - (1) Centrex Standard Mail (4 Min. greeting, 4 minute message length, 100 min of messages, 30 days of storage)
    - (a) 1-19 Mailboxes \$4.20 per box
    - (b) 100+ Mailboxes ICB
  - (2) Centrex Mail Elite (5 Min. greeting/50 messages/28 Day Storage) \$7.95 per box

**CUSTOMER SERVICE GUIDE**

**VERNON TELEPHONE COMPANY, INC.**  
New York

Section 5  
Original Sheet 6

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**A. CENTREX SERVICE** (Continued)

**2. Rates and Charges** (Continued)

**a. Centrex Line Rates** (Continued)

**6) Optional, Chargeable Features Associated with Groups of Lines or Centrex Systems:** The following are optional, chargeable features/services which may be provisioned on Centrex Groups of Lines or Centrex Systems at the established Customer Service Guide rates:

- |   |  |
|---|--|
| a) Account Codes  | *  |
| b) Authorization Codes  | *  |
| c) Automatic Route Selection Features:                              |  |
| (1) Automatic Route Selection                                       | *  |
| (2) Time-of-Day/Day-of-Week Routing Control                         | *  |
| (3) Expensive Route Warning Tone                                    | *  |
| (4) Outgoing Queuing  | *  |
| d) Business Group Dialing Plan:                                     |  |
| (1) Standard Dialing Plan   | No Charge  |
| (2) Customized Dialing Plan   | \$80.00 non-recurring                              |
| e) Centralized Attendant Service                                    | *  |
| f) Centrex Complex  | *  |
| g) Customer Control   | *  |
| h) Main Satellite Service   | *  |
| i) Music/Message on Hold:   |  |
| (1) Standard Music Audio (audio source resides at telco)            | \$35.20 per month                                  |
| (2) Custom Music/Message Audio (audio source resides at telco)      | \$70.50 per month                                  |
| (3) Custom Music/Message Audio (audio source resides at customer)   | \$35.20 per month<br>+ line/trunk circuit CSG rate |
| j) Special Customer Provided Equipment (CPE) Interface Circuits:    |  |
| (1) Code Calling  | \$7.10 + line/trunk circuit CSG rate               |
| (2) Improved Radio Paging   | \$7.10 + line/trunk circuit CSG rate               |
| (3) Loudspeaker Paging  | \$7.10 + line/trunk circuit CSG rate               |
| (4) Paging Access   | \$7.10 + line/trunk circuit CSG rate               |
| (5) Recorded Telephone Dictation                                    | \$5.00 + line/trunk circuit CSG rate               |
| k) Special Intercept Announcement:                                  |  |
| (1) Standard Announcement (audio source resides at telco)           | \$35.20 per month                                  |
| (2) Customer Worded Announcement (audio source resides at telco)    | \$70.50 per month                                  |
| (3) Customer Worded Announcement (audio source resides at customer) | \$35.20 per month<br>+ line/trunk circuit CSG rate |
| (4) Changes to Customer Worded Announcement                         | \$30.00 non-recurring                              |
| l) Station Message Detail Recording                                 | *  |

\* Rate will be derived from actual cost and filed with the Commission for approval when the Telephone Company receives a request.

CUSTOMER SERVICE GUIDE

VERNON TELEPHONE COMPANY, INC.  
New York

Section 5  
Original Sheet 7

SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS

A. **CENTREX SERVICE** (Continued)

2. **Rates and Charges** (Continued)

a. Centrex Line Rates (Continued)

7) **Hunting Service**

a. **Optional, Chargeable Hunting Arrangements:** The following are optional, chargeable hunting arrangement features/services which may be provisioned with Centrex Service at the established rates:

	<b>Per Line in Hunt Group</b>	<b>Non-Recurring Charges</b>
(1) Circle Hunting*	\$0.70	\$10.00 per hunt group
(2) Regular Hunting *	\$0.70	\$10.00 per hunt group
(3) Preferential Hunting *	\$1.40	\$10.00 per hunt group
(4) Series Completion *	\$0.70	\$10.00 per hunt group
(5) Uniform Call Distribution *	\$1.40	\$10.00 per hunt group
b. Changes to Hunting Group Arrangements/patterns (Additional Lines/Change Hunting Order)		\$10.00 non-recurring
c. Hunt Group Options:		
(1) Queuing for Hunt Group		\$7.10 each queue slot/monthly
(2) Delay Announcements for Queued Calls:		
(a) Standard Announcement (audio source resides at telco)		\$35.20 per month
(b) Customer Worded Announcement ** (audio source resides at telco)		\$70.50 per month
(c) Customer Worded Announcement ** (audio source resides at customer)		\$35.20 per month + line/trunk circuit CSG rate
(d) Changes to Customer Worded Announcement		\$30.00 non-recurring
(3) Stop Hunt/Make Busy		
(a) Access Code Activation		\$1.00 per line per month
(b) Key/Switch Activation		\$9.20 per circuit per month

\* Features are included in the Discount Package Plan.

\*\* More than one announcement per UCD group will be charged on an individual case basis.

CUSTOMER SERVICE GUIDE

VERNON TELEPHONE COMPANY, INC.  
New York

Section 5  
Original Sheet 8

SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS

A. **CENTREX SERVICE** (Continued)

2. **Rates and Charges** (Continued)

a. Centrex Line Rates (Continued)

8) **Simulated Facility Groups (SFGs):**

a) Simulated Facility Group Arrangements:

	Monthly <u>Rate</u>	Non- Recurring <u>Charge</u>
(1) Each Simulated Facility (OutWATS, INWATS)	Business One-Party Tariff Rate	N/A
(2) Rearrangements and changes to Simulated Facilities and routing patterns	N/A	\$15.00

b) Normal OutWATS rates (measured time or full business day) will be charged for OutWATS calls.

c) Normal INWATS rates will be charged for INWATS calls.

d) Normal Tie Facility rates will be charged for the use of tie facilities.

3. **Regulations and Conditions**

a. A Centrex customer must have a minimum of two Centrex lines terminating to a primary customer site.

b. The minimum charge period for services provided under this Customer Service Guide shall be for one month except when the provision of the service requires the construction of additional facilities and/or equipment. The customer will be required to pay all or a portion of the construction and installation charges and/or contract for service beyond the minimum service period in an arrangement agreeable to both the Telephone Company and the customer.

c. Centrex is offered subject to the availability of outside plant and/or Central Office facilities. Individual feature availability may differ by exchange.

d. One directory listing is provided without charge for each Centrex line.

e. The customer may choose to pay for the service on a month-to-month basis or under a service contract plan. A month-to-month customer may, at any time, convert to a service contract plan by paying the applicable service period plan rate currently in effect.



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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

3. Regulations and Conditions (Continued)

- f. The monthly rate for customers choosing the service period plan is guaranteed against telephone company initiated changes during the selected service contract period.
- g. Subsequent line additions/deletions to the original service contract period are stipulated as follows:
  - 1) Subsequent additions will be rated under a new contract or added to an existing contract, based upon the remaining period of the initial contract. If the line addition causes the customer's total Centrex line count at the primary customer location to exceed the threshold of the line count previously contracted, all lines will be billed at the rate of the larger line count.
  - 2) Subsequent line deletions, resulting in reductions equal to or exceeding 10% of the initial quantity of lines under contract, will be considered a termination liability and treated as specified in paragraph h. below. If the reduction is less than 10% and causes the total number of lines to fall into a different line size group, all remaining lines will be billed at rates for the smaller line size group.
- h. Termination Liabilities shall be treated as follows:
  - 1) If the service is canceled by the customer after installation of the service, but prior to the completion of the service period, the customer shall be obligated to pay a termination liability charge. The charge is calculated by multiplying the monthly rate by the remaining months in the contract period times fifty percent.
  - 2) A customer who reduces the quantity of Centrex lines under contract has the following options for the duration of the contract period:
    - a) Continue to pay an amount equal to the monthly rate for the number of Centrex station lines that are disconnected under contract, or
    - b) Pay termination charges as described in 1) above on the number of Centrex station lines disconnected. If the reduction causes the total number of lines to fall into a different line size group, all remaining lines will be billed at rates for the smaller line size group.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

3. Regulations and Conditions (Continued)

- i. Exchange lines within a Centrex Group may have different billing arrangements. Where measured service is available, the Centrex Group may have a combination of flat-rate and measured service.
- j. Intercom calls between lines in a Centrex Group are not subject to local measured service.
- k. when used with Call Forwarding or Call Transfer, the Centrex customer is responsible for the payment of the applicable toll charge for each billable call connected over the public network between the Centrex station and the station at which the call is answered. The charge is applicable to each call answered, including the Call Forwarding set-up call. It also applies to collect and person-to-person calls, which may be refused at the answering station.
- l. This Centrex service does not include terminal equipment on the customer's premises. Terminal equipment may be covered under a separate tariff and/or Customer Service Guide, contract, or may be provided by the customer.
- m. Unless specifically exempted, Centrex service shall be subject to all general regulations applicable to the provision of service by the telephone company as stated in the Customer Service Guide.
- n. It is at the Company's discretion to offer temporary suspension of Centrex Service.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS****A. CENTREX SERVICE** (Continued)4. Definitions

The following definition section defines all standard and optional features which either are or may be provided as part of the Centrex service.

The following are **standard, non-chargeable individual station features** which are included with the Centrex line rate at no charge:

- a. **Business Group Automatic Identified Outward Dialing**  
Business Group Automatic Identified Outward Dialing provides identification of the calling line or the Centrex Group billing/pilot number on billable calls directed to the public network.
- b. **Call Park Features:**
  - 1) **Call Park-Directed**  
Call Park-Directed allows a Centrex user to park (or store) a call against any directory number within the business group and unpark (or retrieve) the call from any other directory number within the business group.
  - 2) **Call Park-Local**  
Call Park-Local allows a Centrex user to park (or store) a call against his/her directory number within the business group and unpark (or retrieve) the call from any other directory number within the business group.
- c. **Call Pick-Up Features:**
  - 1) **Call Pick-Up**  
Call Pick-Up enables a station user to answer a call that is ringing at another station within the Centrex Group by dialing an access code.
  - 2) **Call Pick-Up-Directed**  
Call Pick-Up Directed enables a station user to answer a call that is ringing at another station within the Centrex Group by dialing an access code and the ringing station number.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS****A. CENTREX SERVICE** (Continued)4. Definitions (Continued)d. **Call Transfer - Internal Only**

Call Transfer - Internal Only allows a station user to transfer calls to another station within the Centrex Group by flashing the switchhook and dialing the transfer-to number.

e. **Centrex Repeat Dialing - Internal Only**

Centrex Repeat Dialing - Internal Only allows the customer to automatically redial the last intercom number dialed. When the recalled telephone number is busy, the Company's equipment will make repeated attempts to establish the call for a thirty (30) minute period beginning with the customer's activation.

f. **Direct Inward Dialing**

Direct Inward Dialing allows Centrex station users to directly receive incoming calls without the assistance of an attendant.

g. **Direct Outward Dialing**

Direct Outward Dialing enables Centrex station user to call outside the Centrex Group directly without the assistance of an attendant.

h. **Distinctive Ringing/Call Waiting Indication**

Distinctive Ringing/Call Waiting Indication allows a Centrex station user to listen to the cadence of the ringing pattern or Call Waiting tone to determine whether a call is coming from within the business or from outside the business. Distinctive Ringing and Call Waiting tones are applied under the following conditions: 1) Pattern A: (normal ringing and Call Waiting tones) is used with intercom calls. These are internal calls that originate within the business; 2) Pattern B: (two short rings or Call Waiting tones) is used with Direct Inward Dialing calls. These are incoming calls that originate outside the business. Pattern B is also used for calls completed by way of the attendant and calls incoming from a tie facility; 3) Pattern C: (short-short-long ringing or three short Call Waiting tones) is used with Dial Call Waiting, Call Waiting-Originating, and Night Service calls.

i. **Do Not Disturb**

Do Not Disturb allows a station user to prevent incoming calls from ringing at his/her station by diverting them to a tone or recorded announcement. This feature can be offered with a Personal Identification Number (PIN) override option that selected callers can dial to override Do Not Disturb.

j. **Intercom Dialing**

Intercom Dialing allows Centrex station users to call other stations within their Centrex Groups by dialing abbreviated codes.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

4. Definitions (Continued)

k. **3-Way Calling**

3-Way Calling allows a station user to add a third party to an existing call, and thus enables a simultaneous conference between parties at multiple locations.

l. **Touchtone**

Where Central Office facilities are available, a type of high-speed address signaling (dialing) in which buttons in a bank of twelve can be depressed to give one of a group of audio tone pairs for signaling directly over the circuit.

m. **Voice/Data Protection**

Voice/Data Protection allows a station user to inhibit intrusion features such as Call Waiting and Operator Verification which are directed to that line when it is busy.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

4. Definitions (Continued)

The following are **optional, non-chargeable individual station features** which may be added to a Centrex line at no charge:

n. **Call Forwarding Features:**

- 1) **Call Forwarding - All Calls (Variable)**  
Call Forwarding - All Calls (Variable) enables a station user to divert all incoming calls to another directory number. Activation, deactivation and the forward-to destination are controlled by the station user.
- 2) **Call Forwarding - Busy**  
Call Forwarding - Busy causes all calls to be redirected to an alternate station when the called station is busy.
- 3) **Call Forwarding - Don't Answer**  
Call Forward - Don't Answer allows all calls that terminate to a user's station to be redirected to an alternate station after a predetermined number of rings.
- 4) **Call Forwarding - Incoming Only (Add-on to Call Forwarding)**  
Call Forwarding - Incoming Only is an option that can be used with any of the Call Forwarding features (Call Forwarding - All Calls (Variable), Busy, and Don't Answer) and allows only incoming calls (calls that originate outside the Centrex Group) to be forwarded. Calls from within the group or a private facility are not forwarded.
- 5) **Call Forwarding - Within Group Only (Add-on to Call Forwarding)**  
Call Forwarding - Within Group Only is an option that can be used with any of the Call Forwarding features (Call Forwarding Variable, Don't Answer, and Busy Line) and restricts call forwarding to only directory numbers within the same Centrex group, thus preventing the station user from forwarding calls outside the Centrex group.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

4. **Definitions** (Continued)

o. **Call Hold**

Call Hold allows a station user to place a call on hold in order to initiate a second call, answer a waiting call, consult privately with another party, or return to the previously held call.

p. **Caller Identification-Number - Internal Only**

Caller Identification-Number - Internal Only allows for the display of the calling party's telephone number (intercom number) on calls made within the Centrex Group. This feature requires a special customer-provided display device, which may be either attached to the telephone or built into the telephone. Caller Identification-Basic - External (calls from outside the Centrex Group) can be subscribed to at rates established in this Customer Service Guide.

q. **Call Transfer - Attendant**

Call Transfer - Attendant allows members of a customer group, who do not have station-controlled call transfer capability, to transfer calls with the aid of the attendant. During a call incoming to the customer group via direct distance dialing, the called party can reach the attendant to request the transfer by flashing and dialing the access code to the attendant. The attendant can only transfer the incoming call to another station within the customer group.

r. **Call Waiting Features:**

1) **Call Waiting (Terminating)**

Call Waiting provides a burst of tone to inform a station user with a call already in progress that another call is waiting to be answered. The station user may answer the waiting call by hanging up or flashing the switchhook. **This feature may include Cancel Call Waiting.**

2) **Call Waiting - Incoming Only**

Call Waiting - Incoming Only gives the Centrex user a call waiting tone only for calls incoming to his/her group from outside the business. All other calls receive busy tone, and no call waiting tone is provided to the called party. **This feature may include Cancel Call Waiting.**

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

4. **Definitions** (Continued)

s. **Class of Service Restrictions:**

1) **Fully-Restricted Line**

A Fully-Restricted Line is prevented from making calls to and/or receiving calls from stations outside the Centrex Group. It is also prevented from making calls to and/or receiving calls from the attendant, thereby denying it indirect access to/from outside the Centrex Group. Blocked calls may be routed to reorder tone or a recorded announcement.

2) **Semi-Restricted Line**

A Semi-Restricted Line is prevented from making calls to and/or receiving calls from stations outside the Centrex Group. It may, however, make and/or receive outside calls indirectly via the attendant, Call Forwarding, Call Transfer, and Call Pick-Up features. Blocked calls may be routed to reorder tone or a recorded announcement.

t. **Off-Premises Stations**

Off-Premises Stations enable a secondary business location to access the same Centrex features and services as the main business location. The secondary locations must be served by the same Digital Central Office as the primary location. Appropriate Centrex line rates will be applied to Off-Premises Stations.

u. **Single-Digit Dialing**

Single-Digit Dialing permits a Centrex station user to reach a line or facility, or to access a feature by dialing a single-digit code. The Single-Digit Dialing codes are shared by all users in a Centrex Group and are preprogrammed by the Telephone Company.

v. **Speed Calling 8-Code (Customer Changeable)**

Speed Calling 8-Code enables a station user to call a list of up to 8 preselected directory numbers by dialing one-digit codes instead of the directory numbers. This list may be programmed from the Centrex user's telephone set.



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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS****A. CENTREX SERVICE** (Continued)4. Definitions (Continued)

The following are **optional, chargeable individual station features** which may be provisioned on any Centrex line at established Customer Service Guide rates:

w. **Advanced Calling Services**

Advanced Calling Services are offered as optional, chargeable features and are outlined in the Advanced Calling Services' section of this Company's Customer Service Guide. Advanced Calling Services are a group of features, which allow customers to efficiently manage the call flow generated over exchange, access lines. The rates for Advanced Calling Services for Centrex users are defined in this Centrex Customer Service Guide.

x. **Attendant Camp-On**

Attendant Camp-On allows an attendant attempting to transfer a call to a busy station within the Centrex Group to place the call in waiting until the station becomes available. The busy station receives a special call waiting indication and may either flash the switchhook or hang up to answer the camped-on call.

y. **Call Forwarding - Remote Activation**

Call Forwarding - Remote Activation allows the Centrex user to activate and deactivate Call Forwarding from any location.

z. **Call Transfer - Individual - All Calls**

Call Transfer - Individual - All Calls allows the Centrex user to transfer any established call to another person. Calls may be transferred to other parties both within and outside the business. The Centrex user may transfer a call by flashing the switchhook and dialing the station to which the call is to be transferred. When the Centrex user hangs up, the call will be transferred. In addition, this feature may be used to transfer calls to Tie Facilities.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

4. **Definitions** (Continued)

aa. **Call Waiting Features:**

- 1) **Call Waiting - Dial**  
Call Waiting - Dial allows the Centrex user to dial a special code prior to calling another station in the Centrex Group and cause a Call Waiting tone to be applied to the station if it is busy (regardless of whether it has Call Waiting). Once alerted, the station called can either flash the switchhook or hang up to answer the waiting call.
- 2) **Call Waiting - Originating**  
Call Waiting - Originating allows the Centrex user to automatically apply Call Waiting tones whenever he/she calls another station in the Centrex Group and the line is busy, even if the station called does not have the Call Waiting feature. Once alerted, the station called can either flash the switchhook or hang up to answer the waiting call. In contrast to Dial Call Waiting, this feature does not require the Centrex user to dial an access code prior to making the call.

bb. **Class of Service Restrictions:**

- 1) **Toll Restriction**  
Toll Restriction blocks the completion of calls that are directed to the outside operator or to numbers outside the local calling area. Blocked calls may be routed to reorder tone, a recorded announcement or to a designated station (e.g. the attendant).
- 2) **Code Restriction & Diversion**  
Code Restriction blocks the completion of calls that are directed to customer specified area codes (NPAs) and/or central office codes (NXXs). Blocked calls may be routed to reorder tone, a recorded announcement or to a designated station (e.g. the attendant).

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

4. **Definitions** (Continued)

bb. **Class of Service Restrictions:** (Continued)

3) **Outgoing Call Screening**

Outgoing Call Screening blocks the completion of calls to specific directory numbers (3, 6, 7, or 10 digit basis). Blocked calls may be routed to reorder tone, a recorded announcement or to a designated station (e.g. the attendant).

cc. **Conference - Attendant**

Conference - Attendant allows an attendant to initiate a conference call of up to six parties (including the attendant). The selection of a special Conference Attendant can be done from any subscribing station within the same customer group by dialing a specific access code.

dd. **Direct Connect Service (a/k/a Hot Line)**

Direct Connect Service allows a station user to automatically place a call to a preselected directory number by lifting the receiver off the switchhook. No dialing is required for the calling party to reach the specified destination.

ee. **Manual Line Service**

Manual Line Service automatically places a call to the operator when the station user lifts the receiver off the switchhook.

ff. **Night Service**

Night Service allows calls directed to the attendant to be re-routed to predesignated station lines within the same Centrex Group when the attendant position is not staffed (i.e., evening hours, weekends).

gg. **6-Way Calling**

6-Way Calling allows the Centrex user to sequentially call up to five other people and add them together to make up a six-way call. The Centrex user must first dial an access code to implement this feature.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

4. Definitions (Continued)

hh. **Speed Calling 30-Code (Customer Changeable)**

Speed Calling 30-Code enables a station user to call a list of up to 30 preselected directory numbers by dialing one or two digit codes instead of the directory numbers. This list may be programmed from the Centrex user's telephone set. In addition, Speed Calling 30 lists may be shared by multiple users within a Centrex Group. When the list is shared, only one user is allowed to change the list.

ii. **Warm Line**

Warm Line provides a time-out option with either Direct Connect Service or Manual Line Service. The time-out interval may be set at 1 to 14 seconds. During the time-out interval, a station user will receive normal dial tone and can originate calls. However, after the time-out interval expires, a call is automatically set up and routed to the specified destination.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

4. **Definitions** (Continued)

The following are **optional, chargeable features/services** which may be provisioned on Centrex Groups of lines or Centrex Systems at established Customer Service Guide rates:

jj. **Account Codes**

Account Codes allow the Centrex user to add an account code for allocating charges. These charges can be printed out on a report or made part of the monthly phone bill.

kk. **Authorization Codes**

Authorization Codes allow the Centrex user to dial a special code prior to making a call and override the dialing restrictions at a particular station.

ll. **Automatic Route Selection Features:**

1) Automatic Route Selection

Automatic Route Selection provides a list of route choices (OutWATS, tie facilities, public carriers, direct distance dialing and foreign exchange) for each outgoing call. The routes on the list are searched sequentially and automatically for idle facilities until an idle facility is found or all route selections are determined unavailable.

2) Time-of-Day/Day-of-Week Routing Control

Time-of-Day/Day-of-Week Routing Control allows the list of facility groups over which the Automatic Route Selection feature hunts to complete a given call to be manually altered based on Time-of-Day and/or Day-of-Week considerations.

3) Expensive Route Warning Tone

Expensive Route Warning Tone provides a per-call method of cost control by giving the Centrex user a tone when a call is being routed over the most expensive facility in the group.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

4. **Definitions** (Continued)

II. **Automatic Route Selection Features:** (Continued)

4) **Outgoing Queuing**

Outgoing Queuing allows outgoing calls to be placed into a queue and wait for an available facility when all allowed/available facilities are in use. When a facility becomes idle, the call can be made. This feature allows callers to automatically be placed in waiting for an outgoing facility on either an on-hook or off-hook basis.

mm. **Business Group Dialing Plan**

A Business Group Dialing Plan enables a Centrex Group to have a unique dialing scheme which includes Intercom Dialing; access to an attendant, private network and/or special facilities using 1 to 5 digit codes; Single-Digit Dialing; and customized feature activation/deactivation codes. Each Centrex Group may use either a standardized or a customized Business Group Dialing Plan.

nn. **Centralized Attendant Service**

Centralized Attendant Service provides a centralized attendant group for the business, which is distributed over geographically, separates switching systems. Attendants are normally located at one location and all calls requiring attendant assistance (for all locations) are routed to the attendant location.

oo. **Centrex Complex**

Centrex Complex allows the association of multiple Centrex Groups in a single system. All Centrex Groups within the Complex share intercom calling privileges, but may have separate private facility groups or separate dialing plans.

pp. **Customer Control**

Customer Control allows for the ability to change the operation of certain features via the attendant console. The features, which may be changed, are Time-of-Day/Day-of-Week Routing Control, Outgoing Queuing and Authorization Codes.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**A. CENTREX SERVICE (Continued)**

**4. Definitions (Continued)**

**qq. Main Satellite Service**

Main Satellite Service allows the Centrex user to tie together several business locations, which may be serviced from different central office switches. All attendant services are normally provided from the "main" location, and this location is the only one with a listed directory number. Tie trunks connect all locations for intercom calling.

**rr. Music/Message on Hold**

Music/Message on Hold provides music/message for calls put on call hold (or parked) by Centrex subscribers. The music/message and audio source may be telephone company provided or customer provided.

- 1) Standard Music Audio - Standard Music and audio source is provided by the telephone company-Music is only available for Standard.
- 2) Custom Music/Message Audio (audio source resides at telco) - The production of the Custom Music/Message is provided by the customer. The telephone company reserves the right to refuse any audio source equipment in or on the telephone company's premises due to physical size, electronic emissions, safety concerns, etc.
- 3) Custom Music/Message Audio (audio source resides at customer) - The production of the Custom Music/Message is provided by the customer. The audio is located at the customer's premises and a line/trunk Customer Service Guide will apply and be necessary to supply the Music/Message to the telephone company.

**ss. OutWATS, INWATS, and Tie Facilities:**

- 1) **OutWATS**  
OutWATS is a form of Direct Distance Dialing service that allows a station user to place long distance calls to specified geographical areas at reduced rates. Each OutWATS call is screened to ensure that the call destination is within the band limits of the OutWATS station user. Simulated Facility Groups may be used to control the number of simultaneous OutWATS calls that can be made from a business.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

B. **CENTREX SERVICE** (Continued)

3. Definitions (Continued)

ss. **OutWATS, INWATS, and Tie Facilities:** (Continued)

2) INWATS

INWATS service provides the ability to receive calls, which would be dialed as 800-type numbers. This allows individuals calling a business to do so without incurring toll charges. Simulated Facility Groups may be used to control the number of simultaneous INWATS calls that can be made to the business.

3) Tie Facilities

Tie Facility Access allows the Centrex user to make and receive calls to other switches via Tie Facilities. For outgoing Tie Facilities, stations in the business dial a special access code. Access to Tie Facilities can be controlled or restricted by Simulated Facility Groups.

tt. **Special Customer Premise Equipment (CPE) Interface Circuits:**

Special CPE Interface Circuits provide access to special customer-owned equipment, such as paging equipment, code calling equipment, dictation and radio paging equipment by dialing an intercom or access code. Depending upon the customer-owned equipment used, either line circuits or trunk circuits will be required:

1) Code Calling

Code Calling allows for dial access via an access code to connect to a customer-provided signaling device using a bell or some other audible signal. During the time that the user is on the line to the device, the person called can pick up any line within the Centrex Group and dial a code to automatically connect to the user.

2) Improved Radio Paging

Improved Radio Paging allows attendants and other users to page other people in the business using radio paging equipment. Anyone receiving a page can establish a connection by dialing a code from a Centrex phone.



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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**B. CENTREX SERVICE** (Continued)

3. Definitions (Continued)

tt. **Special Customer Premise Equipment (CPE) Interface Circuits:**  
(Continued)

- 3) **Loudspeaker Paging**  
Loudspeaker Paging allows dial access via an access code to page someone on the business' premises. The user can use this feature when someone is on hold, but the person on hold cannot be transferred to the paging device.
- 4) **Paging Access**  
Paging Access allows selected stations to have dial access to customer-provided loudspeaker paging equipment. A line or a tie-trunk is required to support the customer's paging equipment.
- 5) **Recorded Telephone Dictation**  
Recorded Telephone Dictation allows the Centrex user to connect a telephone dictation machine so that users can dial an access code and dictate information.

uu. **Special Intercept Announcement**

A Special Intercept Announcement may optionally be used to address the following conditions: a) If a Centrex station user dials a code which is not defined or assigned in the Business Group Dialing Plan, or b) If the call is restricted due to various restriction arrangements (i.e., Semi-Restricted, etc.).

vv. **Station Message Detail Recording (SMDR)**

SMDR provides detailed call information on billable and non-billable calls made from the Centrex Group. This feature requires special equipment, which must be located on the customer's premises.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS****B. CENTREX SERVICE** (Continued)3. Definitions (Continued)

The following are **optional, chargeable hunting features** which may be provisioned with Centrex Service at established Customer Service Guide rates:

**ww. Hunting Arrangements:**

- 1) **Circle Hunting**  
Circle Hunting allows calls directed to busy stations in the middle of the hunt group to search through to the end of the hunt group and then return to the beginning of the hunt list in search of an idle station. The caller is connected to the first idle station encountered.
- 2) **Preferential Hunting**  
Preferential Hunting allows any station in a Hunt Group to have its own (preferential) hunting list. If a call is made to a station with a Preferential Hunting list assigned to it, and that station is busy, the preferential list is first hunted until an idle station is found. If an idle station is not found on the preferential list, the hunt will proceed to the entire hunt group.
- 3) **Regular Hunting**  
Regular Hunting or Linear Hunting is performed in a sequential fashion across all members of a Multiline Hunt Group. The search for an idle station starts with the pilot number. If the first station is busy, the group is sequentially hunted until an idle station is found. If there are no idle stations available, the caller receives a busy signal.
- 4) **Series Completion**  
Series Completion is a hunting arrangement in which individual stations always have their own directory numbers and classes of service. Two different hunting arrangements can be selected with Series Completion: linear or circle.
- 5) **Uniform Call Distribution**  
Uniform Call Distribution is intended to distribute calls evenly among the stations in a Hunt Group. When a caller is connected to an idle station, the location of the next station is marked as the starting point for hunting when the next incoming call is received. Once hunting begins, it proceeds in a circular manner until an idle station is found.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

A. **CENTREX SERVICE** (Continued)

4. **Definitions** (Continued)

xx. **Delay Announcements for Queued Calls**

Delay Announcements can optionally be used to inform a caller that his or her call has been placed in a queue. The delay announcement can be repeated at regular intervals until an idle station becomes available.

yy. **Make Busy Features:**

1) **Make Busy**

Make Busy can be used to temporarily make a particular station in a Hunt Group appear busy to incoming callers. Make Busy causes the hunt to skip over a station during the search for an idle station.

2) **Group Make Busy**

Make Busy can be used to temporarily make a group of stations or an entire Hunt Group appear busy to incoming callers. Make Busy causes the hunt to skip over a group of stations during the search for an idle station and is operated via a physical switch.

zz. **Queuing for Hunt Groups**

Queuing may optionally be used when all stations in a Hunt Group are busy. When this occurs, a call is placed into a queue. The call remains in the queue until an idle station is located. Up to ten calls can be in queue for a Multiline Hunt Group. Queuing cannot be provided for Preferential Hunt Groups or Series Completion Groups.

aaa. **Stop Hunt**

Stop Hunt allows a station user to stop the normal hunting process at a predetermined point. Activating this feature at a particular station in a Hunt Group will cause the search for an idle line to stop there.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**B. DEDICATED DS1 SERVICE<sup>(1)</sup>**

1. General

Dedicated DS1 Service is a point-to-point intraexchange service that provides for simultaneous two-way transmission at 1.544 Megabits per second (Mbps). This service only transmits digital signals and uses only digital transmission facilities. Dedicated DS1 service and its features are offered subject to the availability of central office equipment and appropriate outside plant facilities. This service is specifically designed for customers that require dedicated DS1 facilities from a TDS TELECOM Central Office to their location.

2. Definitions

Clear Channel Capability - An optional feature of DTS that allows a customer to transport 1.536 Mbps on a 1.544 Mbps line with no constraint on quantity or bit sequence.

DS1 - Digital facility that is equivalent to 24 DS0s. Total transmission speed is 1.544 Mbps.

Digital Local Channel - A transmission path for Dedicated DS1 Service furnished from the Central Office to the demarcation point on the customer's premises.

3. Regulations

- a. Dedicated DS1 Service is available for a minimum service period of one month.
- b. Dedicated DS1 Service is available on a month-to month basis or under variable rate periods, with rates based on lengths of 12 months, 36 months and 60 months.
- c. Rates for Dedicated DS1 under contract will not be increased by Company initiative until the contract period expires. Rates in effect at the time the service is installed will be applicable until the contract expires. Upon expiration of the customer's current payment period option, the customer may select a new payment period option at current rates or revert to current rates on a month-to-month basis.
- d. For channelization of Dedicated DS1 Service, please see Digital Transport Service in Section 8.

<sup>(1)</sup> This service is grandfathered to existing customers effective April 1, 2018. The service will not be available to new customers after this date.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**B. DEDICATED DS1 SERVICE<sup>(1)</sup> (Continued)**

**3. Regulations (Continued)**

- e. If the service is canceled by the customer prior to the completion of the service period, the customer will be obligated to pay a termination charge. The applicable termination charge will be equal to the number of months remaining in the contract times the monthly rate provided under the contract. Termination charges will not apply, however, if the customer replaces the service with comparable service and a contract length that is equal to or greater than the original contract period.
- f. The rates, following, assume the provision of a digital quality facility that uses existing exchange cable facilities compatible with this service. If such equipment, new facilities or changes to existing facilities are required for the provision of this service, a special construction charge based on the cost incurred to make the changes will apply in addition to the rates for Dedicated DS1 Service.
- g. The two types of non-recurring charges associated with Dedicated DS1 Service include a Design Order Charge and an Installation Charge. The Design Order Charge applies once per order while the Installation Charge will apply for each Digital Local Channel installed.
- h. The Installation Charge and Design Order Charge will not apply for the establishment of Dedicated DS1 Service when the customer signs an agreement to subscribe to the service for a minimum of 3 years. If the customer discontinues service prior to the conclusion of the 3 year agreement, the customer will incur a disconnection charge equal to the Design Order Charge and applicable Installation Charges. The disconnection charge will not apply if the customer purchases other services from the Company which replace Dedicated DS1 Service.

<sup>(1)</sup> This service is grandfathered to existing customers effective April 1, 2018. The service will not be available to new customers after this date.

**CUSTOMER SERVICE GUIDE**

**VERNON TELEPHONE COMPANY, INC.**  
New York

Section 5  
Original Sheet 30

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**B. DEDICATED DS1 SERVICE<sup>(1)</sup> (Continued)**

4. Rates and Charges

The following rates apply on a per customer basis, regardless of the number of terminating locations.

a. Recurring Rates

	<u>Monthly Rate</u>	<u>Trans Code</u>
1) <u>Month to Month</u>		
1 Channel	N/A	T1MM1
2+ Channels	N/A	T1MM2
2) <u>12 Months</u>		
1 Channel	N/A	T1L11
2 Channels	N/A	T1L12
3+ Channels	N/A	T1L13
3) <u>36 Months</u>		
1 Channel	N/A	T1L31
2 Channels	N/A	T1L32
3+ Channels	N/A	T1L33
4) <u>60 Months</u>		
1 Channel	N/A	T1L51
2 Channels	\$219.60	T1L52
3+ Channels	N/A	T1L53

b. Non-recurring Charges

	<u>Non-recurring Charge</u>	<u>Trans Code</u>
1) Design Order Charge, Per Order	N/A	T1DOC
2) Installation Charge, First Channel	N/A	T1C1
3) Installation Charge, Second and Additional Channels, per common end	N/A	T1C2A
4) Clear Channel Capability	N/A	T1CCC

<sup>(1)</sup> This service is grandfathered to existing customers effective April 1, 2018. The service will not be available to new customers after this date.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**C. DIGITAL TRANSPORT SERVICE<sup>(1)</sup>**

1. General

Digital Transport Service (DTS) provides customers with a more cost effective option to deliver voice grade service from the serving Central Office to a customer's premises. DTS is only provided with a DS1 Channel (1.544 Mbps) as provisioned in the Local Private Line Customer Service Guide. DTS supports Direct Inward Dialing (DID) Service, Dedicated 800 Service, and Local Exchange Business Trunks. The primary users of this service include Internet Service Providers and owners of PBX Systems.

2. Definitions

DS0 - One voice grade circuit. This circuit generally has a 64 Kbps transmission speed.

DS1 - Digital facility that is equivalent to 24 DS0s. Total transmission speed is 1.544 Mbps.

3. Regulations

- a. DTS is subject to the availability of central office equipment and appropriate outside plant facilities.
- b. The rate structure for DTS requires charges for Trunk Terminations, DS1 facility, Digital Interface Termination and Subscriber Line Charges (SLC).
- c. The total number of Trunk Terminations activated by the customer may not exceed the capacity of each DS1 facility.
- d. Additional charges for Central Office services and features, such as telephone numbers associated with Direct Inward Dialing (DID) Service, are applicable when appropriate, as specified elsewhere in this Customer Service Guide.

<sup>(1)</sup> This service is grandfathered to existing customers effective April 1, 2018. The service will not be available to new customers after this date.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**C. DIGITAL TRANSPORT SERVICE<sup>(1)</sup> (Continued)**

**3. Regulations (Continued)**

- e. Calls will be subject to any applicable usage charges for services provisioned on the DTS channels. Message Telecommunications charges will apply to calls outside the Local Service Area.
- f. Touch-tone signaling is required for DTS.
- g. Unless specifically exempted, DTS is subject to all general regulations applicable to the provision of service by the Company as stated in the general tariff.
- h. As a result of any interface or technical changes required of the Company due to the possible future adoption of FCC rules under Part 68, the Company shall not be responsible if changes in any of the equipment, operations or procedures of the Company utilized in the provision of DTS render any customer premises equipment provided by a customer obsolete or require modification or alteration of such equipment or systems or otherwise affect its use or performance.

<sup>(1)</sup> This service is grandfathered to existing customers effective April 1, 2018. The service will not be available to new customers after this date.



**CUSTOMER SERVICE GUIDE**

**VERNON TELEPHONE COMPANY, INC.**  
New York

Section 5  
Original Sheet 33

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**C. DIGITAL TRANSPORT SERVICES<sup>(1)</sup> (Continued)**

4. Rates and Charges

a. Recurring Rates

	<u>Monthly Rate</u>	<u>Trans Code</u>
1) DS1 Facility <sup>(2)</sup>		
2) Digital Interface Termination		
a) Month-to-Month		
1 Termination	N/A	DTSM1
2 Terminations	N/A	DTSM2
3+ Terminations	N/A	DTSM3
b) 12 Months		
1 Termination	N/A	DTS11
2 Terminations	N/A	DTS12
3+ Terminations	N/A	DTS13
c) 36 Months		
1 Termination	N/A	DTS31
2 Terminations	N/A	DTS32
3+ Terminations	N/A	DTS33
d) 60 Months		
1 Termination	N/A	DTS51
2 Terminations	\$402.60	DTS52
3+ Terminations	N/A	DTS53
3) Per Trunk Termination (Includes PBX, DID, Toll Terminal and Dedicated 800 Trunks)	\$6.60	T1TT

b. Non-recurring Charges

	<u>Non-recurring Charge</u>	<u>Trans Code</u>
1) Subsequent Addition/Rearrangement Charge per trunk termination	N/A	T1ARC

<sup>(1)</sup> This service is grandfathered to existing customers effective April 1, 2018. The service will not be available to new customers after this date.

<sup>(2)</sup> See Dedicated DS1 in this Section.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS****D. INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - PRIMARY RATE INTERFACE (PRI)****1. General Description**

Integrated Services Digital Network (ISDN) is a public network-based set of communications services that make it possible to send, receive, and modify information using regular telephone facilities. ISDN provides end-to-end digital communications and gives the ability to transmit data and voice over the same telephone line simultaneously. This functionality is provided via channelized transport facilities. The ISDN architecture provides for Primary Rate Interface (PRI) which is typically used when a customer wants to connect large quantities of digital lines to the network.

ISDN-PRI used the ISDN architecture to provide the customer with the capability to transmit voice and data simultaneously over the same digital facility. Under various optional arrangements, PRI provides the customer with access to Circuit-Switched Voice Services and Circuit-Switched Data Services.

**2. Primary Rate Interface (PRI) Service Arrangement**

a. An ISDN-PRI arrangement connects an ISDN-capable Telephone Company central office switch to ISDN-capable customer premise equipment (CPE). Depending on the application, that CPE might be a PBX, a router, a multiplexer, etc. The PRI ISDN arrangement provides a total of twenty-four digital communications channels within a single physical facility. Twenty-three of these channels are called Bearer, or B Channels and they carry the actual voice or data. Another channel, called the Delta or D Channel, is used to transport signaling for the other 23 channels. This configuration is known as 23B+D.

(1) **B Channel** - The B Channel is a bi-directional synchronous channel capable of supporting digital transmission speeds of 64 kilobits per second (kbps). Each B Channel of a PRI may carry Circuit-Switched Voice or Circuit-Switched Data.

(2) **D Channel** - The D Channel is a 64 kbps digital channel that carries signaling and control for the B Channels associated with a PRI arrangement.

b. **Primary Rate Access Facility** – The Primary Rate Access Facility provides a high capacity digital link over which the Primary Rate services are delivered. This facility is based on a 1.544 mbps DS1 carrier (T1 facility).

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS****D. INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - PRIMARY RATE INTERFACE (PRI) (Continued)****2. Primary Rate Interface (PRI) Service Arrangement (Continued)**

- c. **Multiple PRI Arrangement** – There may be situations where more than 23 B Channels are needed at a particular customer premise. In those situations, multiple PRI facilities can be assigned to a PRI arrangement. With the multiple PRI arrangement, the D Channel in the first PRI facility is used to transport signaling for additional PRI facilities. The first PRI would be configured as 23B+D and the other PRIs would be configured as 24B. This use of Non-Facility Associated Signaling (NFAS) allows the overhead of the D Channel to be distributed over multiple PRI facilities, thereby increasing channel efficiency.
- d. **D Channel Backup** – In multiple PRI arrangements, a second D Channel can be assigned (where available) as an automatic backup to the primary D Channel. This can be offered when more than one PRI is provided to the same customer in order to provide redundancy of the signaling channel.
- e. **ISDN PRI Failover Solution** – Allows a customer's incoming ISDN-PRI traffic to overflow to a pre-determined alternate route in an out-of-service situation. The incoming traffic is forwarded to a remote call forward number and then forwarded to one or more basic access lines in a hunt group.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS****D. INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - PRIMARY RATE INTERFACE (PRI) (Continued)****3. Circuit Switched Services**

Circuit Switching is a switching arrangement in which an entire circuit or B Channel is dedicated to a given call. The circuit is connected on a per call basis and can carry circuit-switched voice or circuit-switched data. Circuit switched related services include:

- a. **Clear Channel Capability** - Clear Channel Capability allows the full bandwidth on the "B" channel (64 kbps) to be available to the customer with no constraint on quantity or bit sequence. However, ISDN interconnection to non-ISDN equipped central offices will be potentially subjected to analog transmission or sub-rated to 56 kbps.
- b. **Dedicated Trunk Groups** - The B Channels of a PRI can be dedicated for calls to and from the public network including: Incoming, Outgoing, 2-way, Direct Outward Dialing (DOD) or Direct Inward Dialing (DID).
- c. **Primary Rate Call-By-Call Service** – The Primary Rate Call-By-Call (CBC) feature offers access to additional services such as Foreign Exchange, Tie Trunk, InWATS, and OutWATS via the B Channels of an ISDN-PRI. With this feature, any B Channel on the PRI can be used to offer the above services on a per-call basis in addition to trunk calls to/from the public network (i.e., DOD/DID).
- d. **Multiple Directory Numbers** – Each PRI includes an individual directory number. Additional directory numbers, a range of Direct Inward Dial (DID) directory numbers, or several ranges of DID directory numbers can be optionally added.
- e. **Advanced Calling Services** – ISDN-PRI can support access to the following Advanced Calling Services (also called CLASS services) from suitably equipped CPE:
  - (1) **Caller ID - Basic**- This feature allows the central office and the customer's equipment to communicate the calling party's directory number on calls carried by the Primary Rate service. The number can then be made available to be displayed on a properly equipped telephone set or adjunct equipment.

VERNON TELEPHONE COMPANY, INC.  
New York

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

D. **INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - PRIMARY RATE INTERFACE (PRI)** (Continued)

4. Technical Specifications

- a. **Transmission Specifications** – The Primary Rate Access Facility provides a high capacity digital link over which the Primary Rate services are delivered. This facility is based on a 1.544 Mbps DS1 carrier (T1 facility) whose characteristics are as follows:

Line Code	=	Bipolar 8 Zero Substitution (B8ZS)
Framing Format	=	Extended Super Fram (ESF)
Signaling	=	Q.931 Signaling
Data Rate	=	64 kbps clear or kbps restricted
D Channel	=	24 <sup>th</sup> channel on the T1 facility

- b. **Customer Premise Equipment (CPE) and Facilities** – Compatible CPE is required to utilize ISDN-PRI. All equipment used to interface with these services is required to conform with ISDN guidelines as referenced in the following Belcore specifications:

<u>Document Number</u>	<u>Description</u>
TR-NWT-001268	ISDN Primary Rate Interface Call Control Switching and Signaling Generic Requirements for Class II Equipment
SR-NWT-002343	ISDN Primary Rate Interface Generic Guidelines for Customer Premises Equipment

The Telephone Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provisioning of ISDN services render any facilities provided by the customer obsolete or require modification of such equipment or system, or otherwise affect its use or performance.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**D. INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - PRIMARY RATE INTERFACE (PRI) (Continued)**

5. Regulations and Conditions

- a. Unless specifically exempted, ISDN services shall be subject to all general regulations applicable to the provision of service by the Telephone Company as stated in the general tariff.
- b. ISDN-PRI is provided at the option of the Company. These services are furnished subject to central office switching capacity, capability, and the availability of outside plant facilities.

The availability, functionality, and capabilities of ISDN-PRI may vary, or may not be available, dependent upon type of serving central office switch, related software controlling that switch and associated outside plant.

- (1) Where facilities are not available, or unusual expenditures are involved in making them available, the customer may be required to pay additional charges to cover the unusual expenditure, or to contract for services beyond the normal service term, or both.
- (2) Mileage Charges: Provision of the underlying PRI Access facility (T1) is mileage sensitive. As such, additional mileage charges may apply.
- c. Payment for Service:
  - (1) The minimum charge period for services provided under this Customer Service Guide is one month.
  - (2) The customer may choose to pay for the service on a month-to-month basis.
  - (3) Suspension of service is not allowed.
- d. Directory Listings: One directory listing is provided without charge for each ISDN-PRI customer. Additional listings may be provided as specified for Additional Listing Service in the Rates & Charges section of this ISDN-PRI Customer Service Guide.
- e. Billable Call Treatment: Normal toll charges (including inWATS and OutWATS charges) shall apply to calls that are made outside of the Local Service Area.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**D. INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - PRIMARY RATE INTERFACE (PRI) (Continued)**

5. Regulations and Conditions (Continued)

f. Customer Premises Equipment (CPE):

- (1) This Customer Service Guide does not include terminal equipment on the customer's premises. Terminal equipment may be covered under a separate tariff and/or Customer Service Guide, sold or leased separately by the Telephone Company (under a separate contract), or may be provided by the customer. The CPE must be compatible with the Company's ISDN-PRI offering.
- (2) The customer is responsible for providing the power required for any and all CPE connected to an ISDN-PRI.

g. The Telephone Company shall not be liable for any loss or damages arising out of error, interruptions, defects, failure, or malfunctions of ISDN services or associated equipment. Damages arising out of such interruptions, defects, failures, or malfunctions of the services after the Telephone Company has been notified, and has reasonable time for repair, shall in no event exceed an amount equivalent to the charges made for the service affected for the period following notice from the customer until service is restored.

h. Service Establishment Charges do not apply for the establishment of the Communication Channels when the customer signs an agreement to subscribe to ISDN-PRI for a minimum of 3 years. If the customer discontinues service prior to the conclusion of the 3 or 5 year agreement, the customer will incur a disconnection charge equal to the Service Establishment Charges. The disconnection charge will not apply if the customer purchases other services from the Company which replace ISDN-PRI service.

**CUSTOMER SERVICE GUIDE**

**VERNON TELEPHONE COMPANY, INC.**  
New York

Section 5  
Original Sheet 40

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**D. INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - PRIMARY RATE INTERFACE (PRI) (Continued)**

6. Rates and Charges

ISDN Service	Monthly Rate	Service Establishment (Nonrecurring Rates)
<b>1. ISDN-PRI ACCESS:</b> <b>a. ISDN-PRI Access Facility</b> (first mile)  <b>b. PRI Access Facility Mileage Charges</b> (each additional mile)	Included in PRI Rate (Communications Channels Mo. Rate)  \$20.00/each additional mile	Included in PRI Service Establishment (Communication Channels Svc Establishment)  Included in PRI Service Establishment (Communication Channels Svc Establishment)
<b>2. COMMUNICATION CHANNELS</b> <b>a. B Channels plus D Channel, OR</b> <b>B Channels</b> (Multiple PRI Arrangement)  <b>b. T1/PRI Rearrangement Charge</b> (in lieu of \$1,000 service establishment charge when the customer already has a T1 in place)  <b>c. D Channel Backup</b>  <b>d. Directory Numbers:</b> <b>Primary Directory Number</b> (w/ each PRI) <b>Additional Directory Numbers</b>  <b>e. ISDN-PRI Failover Solution</b>	\$700.00 \$700.00  N/A  \$100.00  No Charge \$2.00/Directory Number  No Charge	\$1,000.00 \$1,000.00  \$200.00  \$150.00  No Charge \$25.00/Initial Service Establishment Request  No Charge
<b>3. CIRCUIT SWITCHED FEATURES:</b> <b>a. Features:</b> <b>1) Clear Channel Capability</b>  <b>2) Call-by-Call Services:</b> <b>a) Public Network Calls</b> (incoming, outgoing or 2-way trunk calls) <b>b) DID</b> <b>c) FX:</b> All existing CSG rates apply to FX facilities between CO's <b>d) Tie Facility:</b> All existing CSG rates apply to Tie Facilities between CO's <b>e) InWATS:</b> All existing CSG rates apply to measured InWATS <b>f) OutWATS:</b> All existing CSG rates apply to measured OutWATS  <b>3) Advanced Calling Services:</b> Caller ID - Basic (per PRI)  <b>b. Subsequent Feature Additions/Changes:</b> Feature Additions/Changes per PRI  <b>c. Move Charge</b> To Move ISDN-PRI Service, per PRI	No Charge  No Charge No Charge \$10.00 \$10.00 \$10.00 \$10.00 \$10.00  Included w/ISDN-PRI (Communication Channels Mo. Rate)  N/A  N/A	No Charge  No Charge No Charge \$50.00 \$50.00 \$50.00 \$50.00  Included in ISDN-PRI Service Establishment (Communications Channels Svc Establishment)  \$50.00  \$25.00



**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**E. INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - BASIC RATE INTERFACE (BRI)<sup>(1)</sup>**

1. General

Integrated Services Digital Network (ISDN) describes the end-to-end digital telecommunications network architecture which provides for the simultaneous access, transmission and switching of voice, data, and video services. These functions are provided via channelized transport facilities. The ISDN architecture consists of digital switching systems which connect Basic Rate Interface (BRI) lines to their serving central office. Caller ID - Number is included with this service.

BRI is an optional service arrangement which can be used in conjunction with a customer's Individual Line Business or Residence service. It uses the ISDN architecture to provide the customer with the capabilities of simultaneous access, transmission, and switching of voice, data, and video services via channelized transport. In addition, BRI provides the customer with access to Circuit Switched Voice Service, Circuit Switched Data Service, and Packet Switched Data Service.

A BRI arrangement obtains its capabilities from a properly equipped telephone company central office switch. The BRI arrangement may consist of up to two "B" channels and one "D" channel (2B+D).

**"B" Channel:** The "B" Channel is a bi-directional synchronous channel capable of supporting 64 kilobit per second (kbps) of digital transmission of information between users. The "B" Channel be configured to offer voice service, data service or voice/data service. One Primary Directory Number with one Primary Directory Listing for the first "B" Channel ISDN Service line is provided. Additional listings may be provided as specified for Additional Listing Service in the Directory Listings section of this Company's Customer Service Guide.

**"D" Channel:** The "D" Channel is a 16 kbps digital signaling channel that carries signaling and control for the "B" channel and has maximum packet transmission throughput of 9.6 kbps.

All ISDN Service lines consist of central office facilities, including the outside plant facilities, extended from the Company's switching equipment to the customer's demarcation point.

ISDN Service is provided at the option of the Company, and is furnished subject to central office switching capacity and the availability of outside plant facilities. The availability, functionality and capabilities of the ISDN Service features may vary, or may not be available dependent upon type of serving central office switch, related software controlling that switch and associated outside plant.

The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of ISDN Service render any facilities provided by the customer obsolete or require modification or alteration of such customer's equipment or systems, or otherwise affect its use or performance.

<sup>(1)</sup> This service is grandfathered to existing customers effective November 7, 2016. The service will not be available to new customers after this date.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS****E. INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - BASIC RATE INTERFACE (BRI)<sup>(1)</sup> (Continued)****2. Service Description**

**CIRCUIT SWITCHING** - Circuit Switching is a switching technique in which an entire circuit or, in a digital switch equipped for ISDN, a specific selection of time slots is dedicated to a given call. Circuit Switched Service provides the ability to originate and receive circuit switched voice, data and voice/data calls over a 64 kbps "B" channel. The customer may choose among the following Circuit Switched features based upon application needs.

- a. **Electronic Key Telephone Service (EKTS) Features:** Electronic Key Features provide the customer with the ability to access the following features where available:
- 1) **Multiple Call Appearances of a Directory Number** - An arrangement that allows the user to have appearances of the directory number assigned to the customer-provided set, providing the capability of multiple incoming or outgoing calls associated with that directory number. Multiple incoming calls to this directory number or secondary telephone number (if purchased) can be terminated to the telephone if one or more idle calls appearances are available to accept the calls. In certain central offices, this arrangement may impact the use of the Shared Call Appearance feature.
  - 2) **Shared Call Appearances of a Directory Number** - An arrangement that allows a directory number(s) from one customer-provided set to appear as a call appearance(s) on the customer-provided sets of other users. Bridging, an arrangement that allows the user to connect onto a currently active call, is included.
  - 3) **Analog Line Pickups** - An arrangement that allows an ISDN set to provide coverage for an analog number(s). This arrangement is limited to analog numbers that are terminated in the same central office switch. This feature may limit the use of other features and/or functionality on the analog line. Bridging, an arrangement that allows the analog user to connect onto a currently active call, is included.
  - 4) **Privacy Release (Automatic Exclusion)** - An arrangement that allows a customer to specify that no other user can bridge onto an existing call(s). On a call by call basis, this feature can be disabled to allow bridging to occur.
  - 5) **Manual Exclusion (Privacy)** - An arrangement (opposite of Privacy Release) that allows the customer to restrict other stations from picking up an existing call on hold or bridging onto an existing call that is active at that station.

<sup>(1)</sup> This service is grandfathered to existing customers effective November 7, 2016. The service will not be available to new customers after this date.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**E. INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - BASIC RATE INTERFACE (BRI)<sup>(1)</sup> (Continued)**

2. Service Description (Continued)

**CIRCUIT SWITCHING – (Continued)**

a. **Electronic Key Telephone Service (EKTS) Features:** (Continued)

- 6) **Intercom Calling** - An arrangement that allows for ISDN station-to-station calls.
- 7) **Bridging** - An arrangement that allows the user to join an active call by pressing the active call appearance button. Bridging is inhibited if Manual Exclusion is activated on the terminal engaged in the active call.

b. **Secondary Telephone Numbers** - An arrangement that allows a customer-provided set to have access to an additional telephone number(s). The additional telephone number(s), or Secondary Telephone Number(s), may originate or receive calls independent of the customer-provided set's Primary Directory Telephone Number.

c. **Clear Channel Capability** - A characteristic of the transmission paths on the "B" channel that allows the full bandwidth on the "B" channel, 64 kbps, to be available to the customer. However, ISDN interconnection to non-ISDN equipped central offices will be potentially subjected to analog transmission or sub-rated to 56 kbps.

d. **Custom Calling Services** - Available at rates and charges specified elsewhere in the Custom Calling Services section of this Customer Service Guide. Custom Calling Service features found specifically in this ISDN Customer Service Guide will be charged for at rates found on the ISDN Rate Schedule.

**Call Hold, Drop and Transfer -**

**Call Hold** - Allows the user to place a call on hold by pressing a programmed button on a customer-provided set.

**Call Drop** - This central office based feature allows the user to disconnect the last party added to a conference call.

**Call Transfer** - This feature allows the user to transfer a call to another directory number. This feature is for use with Circuit Switched voice only.

<sup>(1)</sup> This service is grandfathered to existing customers effective November 7, 2016. The service will not be available to new customers after this date.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

E. **INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - BASIC RATE INTERFACE (BRI)**<sup>(1)</sup> (Continued)

2. Service Description (Continued)

**CIRCUIT SWITCHING** – (Continued)

- e. **Advanced Calling Services** - Available at rates and charges specified elsewhere in the Advanced Calling Services section of this Customer Service Guide. Advanced Calling Service features found specifically in this ISDN Customer Service Guide will be charged for at rates found on the ISDN Rate Schedule.

**Caller Identification - Name & Number** - An Advanced Calling Service feature that provides the caller's name and number to be displayed on properly equipped customer-provided equipment (where available).

**Caller Identification - Number** - An Advanced Calling Service feature that provides the caller's telephone number to be displayed on properly equipped customer-provided equipment (where available).

**ALTERNATE CIRCUIT SWITCHED VOICE SERVICE/CIRCUIT SWITCHED DATA SERVICE**- Alternate Circuit Switched Voice Service/Circuit Switched Data Service provides the ability to originate and receive either Circuit Switched Voice calls or Circuit Switched Data calls over a single "B" channel but not simultaneously. This arrangement is available where technology permits. The features applicable to Circuit Switching Service are also applicable to this service.

<sup>(1)</sup> This service is grandfathered to existing customers effective November 7, 2016. The service will not be available to new customers after this date.

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**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS****E. INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - BASIC RATE INTERFACE (BRI)<sup>(1)</sup> (Continued)****3. Intraswitch Packet Switched Data "D" Channel Service**

Packet Switching is a technique in which packets of data are individually addressed and combined on a transmission path with other addressed packets. Packet Switched Data "D" Channel Service provides the ability to originate and receive X.25 packet data calls on an intraswitch basis. This arrangement provides a maximum throughput of 9.6 kbps. Each "D" channel packet terminal will provide logical channel up to the technical capabilities of the serving central office. Multiple packet calls can be active simultaneously by a user on a single "D" channel. Up to eight data terminals can be supported per Basic Rate Interface. Service includes one data telephone number.

- a. **Flow Control Parameter Negotiation** - An arrangement that permits negotiation on per call basis of the flow control parameters. This feature automatically negotiates the maximum packet size and window size for each direction of data transmission. This can be presubscribed (fixed) or it can be established on a per call basis.
- b. **Throughput Class Negotiation** - An arrangement that allows the calling data terminal to request specific throughput classes (bits/second) in the call request packet for both directions of data transmission.
- c. **Logical Channels** - An arrangement that is a virtual circuit, offering multiple logical connections at the packet level of X.25. ISDN packet data service offers the ability to send and/or receive packet data calls on separate logical channels within one ISDN "D" channel. The logical channels can be assigned as permanent virtual circuits, incoming only, outgoing only, or two-way (incoming and outgoing).

<sup>(1)</sup> This service is grandfathered to existing customers effective November 7, 2016. The service will not be available to new customers after this date.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**E. INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - BASIC RATE INTERFACE (BRI)<sup>(1)</sup> (Continued)**

3. Intrswitch Packet Switched Data "D" Channel Service (Continued)

- d. **Incoming Calls Barred** - An arrangement that prohibits a data terminal from terminating an incoming call.
- e. **Outgoing Calls Barred** - An arrangement that prohibits a data terminal from originating outgoing calls.
- f. **Closed User Groups** - An arrangement that allows ISDN users to establish subnetworks of ISDN packet switching data users from which members can communicate with each other. The Closed User Group is established on a per line basis. The first member of a Closed User Group is included. Additional members are charged at the rate established in the rate schedule. Each data terminal in a Closed User Group can be arranged in one of the following modes:
  - 1) **Closed User Group with Outgoing Access** - The data terminal makes outgoing calls only.
  - 2) **Closed User Group with Incoming Access** - The data terminal receives incoming calls only.
  - 3) **Incoming Calls Barred Within a Closed User Group** - The data terminal makes outgoing calls only to the data terminal in the Closed User Group with which it is associated.
  - 4) **Outgoing Calls Barred Within a Closed User Group** - The data terminal receives incoming calls only to the data terminals in the Closed User Group with which it is associated.
  - 5) **Unrestricted Access** - The data terminal receives and makes both incoming and outgoing calls.
- g. **Fast Select** - An arrangement that allows a sending data terminal to forward up to 128 bytes of data along with the call setup and clearing packets.
- h. **Fast Select Acceptance** - An arrangement that allows the switch to transmit incoming call packets with the Fast Select facility to a destination terminal that has this feature.

<sup>(1)</sup> This service is grandfathered to existing customers effective November 7, 2016. The service will not be available to new customers after this date.

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

**E. INTEGRATED SERVICES DIGITAL NETWORK (ISDN) - BASIC RATE INTERFACE (BRI)<sup>(1)</sup> (Continued)**

4. Transmission Specifications

The Standard Transmission parameters for an ISDN Service line utilizing an ISDN Basic Rate Interface (BRI) consists of: A maximum of 38.5db loop loss at a 40Kz test tone terminate into a 135 ohm impedance. The 38.5db loss includes all central office facilities, outside plant facilities and inside wiring.

5. Customer Premise Equipment and Facilities:

The customer is responsible for providing compatible premises equipment in order to utilize the ISDN offering. All customer-provided equipment used to interface with ISDN Service is required to conform with the Technical Reference Specification as used by the Company and is found in the following Technical References:

<u>Subject</u>	<u>Technical Reference</u>	<u>Voice Contact Available</u>
<b>Basic Rate Interface</b>	<b>AT&amp;T 235-900-341</b>	<b>1-800-432-6600</b>
<b>Customer Premises Planning Guide</b>	<b>AT&amp;T 533-700-100</b>	<b>1-800-432-6600</b>

The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of ISDN Service render any facilities provided by the customer obsolete or require modification or alternation of such equipment or system, or otherwise affect its use or performance.

6. Special Construction

An average amount of entrance and distribution facilities may be furnished by the Company provided the facilities are of the standard type normally furnished for the particular location or kind of service. If additional entrance or distribution facilities are required; if the conditions are such as to require special equipment; if the installation is for temporary or semi-permanent purpose or if for any other reason the construction costs are excessive, the applicant shall be required to pay the costs over and above those applicable for a normal installation. Each special construction situation will be evaluated on an individual case basis.

<sup>(1)</sup> This service is grandfathered to existing customers effective November 7, 2016. The service will not be available to new customers after this date.

**CUSTOMER SERVICE GUIDE**

**VERNON TELEPHONE COMPANY, INC.**  
New York

Section 5  
Original Sheet 48

**SPECIAL DIAL TONE AND SERVICE ARRANGEMENTS**

E. <b><u>Integrated Services Digital Network (ISDN) -Basic Rate Interface (BRI)</u></b> <sup>(1)</sup> (Continued)		
7. <u>Rate Schedule</u>		
<b>ISDN Service</b>	<b>Monthly Rate</b>	<b>Non-Recurring Charges</b>
ISDN Line, Per Line		
Business	Business One-Party Rate	See Service Connection
Circuit Switched Voice Service, Per "B" Channel	\$15.00 Flat Rate	See Service Connection
Circuit Switched Features: (Bus & Res)		
Electronic Key Telephone Service	Included with CSV, CSD	None
Privacy Release (Automatic exclusion)	Included with CSV	None
Manual Exclusion (Privacy)	Included with CSV	None
Primary Directory Number	Included with CSV, CSD	None
Secondary Telephone Numbers	\$2.00 per telephone no	None
Clear Channel Capability	Included with CSV	None
Custom Calling Services	Custom Calling SVC (CCS) CSG	See Service Connection
Call Hold, Drop and Transfer	Included with CSV	None
Advanced Calling Services	Advanced Calling Svc (ACS) CSG	See Service Connection
Caller ID-Basic	Included with CSV, CSD	None
Caller ID-Deluxe	50% of ACS CSG	See Service Connection
Packet Switched Data Features (Bus & Res)		
Flow Control Parameter Negotiation	Inc w/Packet Data "D" Channel	None
Throughput Class Negotiation	Inc w/Packet Data "D" Channel	None
Logical Channels	Inc w/Packet Data "D" Channel	None
Incoming Calls Barred	Inc w/Packet Data "D" Channel	None
Outgoing Calls Barred	Inc w/Packet Data "D" Channel	None
Closed User Groups	Inc w/Packet Data "D" Channel	None
Fast Select	Inc w/Packet Data "D" Channel	None
Fast Select Acceptance	Inc w/Packet Data "D" Channel	None
SERVICE CONNECTION CHARGES apply for ISDN-BRI Service based upon existing Service Connection Charges. See Service Connection Section of the Company's Basic Local Exchange Tariff.		

<sup>(1)</sup> This service is grandfathered to existing customers effective November 7, 2016. The service will not be available to new customers after this date.