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CENTREX 2000 SERVICES

A. GENERAL

1. Centrex 2000 is an arrangement of switching equipment and facilities owned and maintained by the Telephone Company which provides the customer with a complex communications service.
2. The Telephone Company will provide Centrex 2000 only as a complete system, only from central offices which are suitably equipped, and only where suitable facilities are available.
3. Centrex 2000 offers three types of service lines; Basic Service Lines, Deluxe Service Lines, and Electronic Service Lines. Basic Service Lines and Deluxe Service Lines are available to all Centrex 2000 customers. Electronic Service Lines are available to customers from offices that are suitably equipped where qualified facilities permit and where capacity exists.
4. Centrex 2000 service lines consist of the facilities from the central office to the customer premises, and central office switching equipment used to provide intercommunication service.

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CENTREX 2000 SERVICES

B. SYSTEM CONFIGURATION ELEMENTS

Below are all of the lines, features, and other billable elements available for use in configuring a Centrex 2000 system,

1. Centrex 2000 Service Lines and Features

a. Service Lines

(1) Basic Service Lines

Centrex 2000 Basic Service Lines are provided with the following features as standard:

Add on Conference
Call Transfer Individual - All Calls
Consultation Hold
Direct Inward Dialing
Direct Outward Dialing
Identification of Outward Dialing
Intercom Dialing
Touch-Tone Service
Trunk Answer Any Station

(2) Deluxe Service Lines

Centrex 2000 Deluxe Service Lines are provided with the following features as standard:

Add on Conference
Automatic Call Back
Call Forwarding Busy Line - Incoming Calls
Call Forwarding Don't Answer - All Calls
Call Forwarding Variable
Call Hold
Call Pickup
Call Transfer Individual - All Calls
Consultation Hold
Dial Call Waiting
Direct Inward Dialing
Direct Outward Dialing
Directed Call Pickup Non Barge-In
Distinctive Ringing
Group Speed Call 30
Identification of Outward Dialing
Intercom Dialing
Speed Call 6- Individual
Touch-Tone Service
Trunk Answer Any Station

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B. SYSTEM CONFIGURATION ELEMENTS (Continued)

1. Centrex 2000 Service Lines and Features (Continued)

a. Service Lines (Continued)

(3) Electronic Service Lines

Centrex 2000 Electronic Service Lines use ISDN standards to provide two 64 kbps circuit switched channels (B channels) and one 9.6 kbps packet switched data channel (D channel) on a single line. Electronic Service Lines may be configured to meet a customer's individual requirements. A customer may choose to use one or two of the available B channels for circuit switched voice or circuit switched data. The packet switched data capability of the D channel can be added to the various B channel configurations or can be provisioned on a line with no B channels. The elements used to create the various arrangements are as follows:

(a) One 64 kbps B channel configured for one of the following:

- (i) Circuit Switched Voice
- (ii) Circuit Switched Data
- (iii) B channel Packet Switched Data

(b) Two 64 kbps B channels configured for one of the following:

- (i) Two Circuit Switched Voice Channels
- (ii) One Circuit Switched Voice and one Circuit Switched Data Channel
- (iii) Two Circuit Switched Data Channels

(c) Stand alone D channel Packet Switched Data Line

9.6 kbps packet switched data on the D channel with no 64 kbps B channels.

(d) D Channel Packet Switched Data

9.6 kbps packet switched data to be added to the channel configurations found in (a) or (b) preceding with the exception of (a)(iii). D channel packet switching is not available on lines configured for B channel packet switching.

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B. SYSTEM CONFIGURATION ELEMENTS (Continued)

1. Centrex 2000 Service Lines and Features (Continued)

a. Service Lines (Continued)

(3) Electronic Service Lines (Continued)

- (e) Centrex 2000 Electronic Service Line B Channels configured for Circuit Switched Voice are provided with the following features and standard:

Add on Conference
Automatic Callback
Call Forwarding Busy Line - Incoming Calls
Call Forwarding Don't Answer – All Calls
Call Forwarding Variable
Call Hold
Call Pickup
Call Transfer Individual - All Calls
Consultation Hold
Dial Call Waiting
Direct Inward Dialing
Direct Outward Dialing
Directed Call Pickup Non Barge-In
Distinctive Ringing
Electronic Key Service
Group Speed Call 30 – System (N)
Identification of Outward Dialing
Inspect
Intercom Dialing
Intra-System Calling Line Identification
Manual Exclusion
Multiple Call Appearances
Privacy (N)
Shared Call Appearances
Speed Call 6 - Individual
Touch-Tone Service
Trunk Answer Any Station

- (f) Centrex 2000 Electronic Service Line B Channels configured for Circuit Switched Data are provided with the following features as standard:

Direct Inward Dialing
Direct Outward Dialing
Identification of Outward Dialing
Intra-System Calling Line Identification
Intercom Dialing

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B. SYSTEM CONFIGURATION ELEMENTS (Continued)

1. Centrex 2000 Service Lines and Features (Continued)

a. Service Lines (Continued)

(3) Electronic Service Lines (Continued)

- (g) D Channel Packet Switched Data Channels and B Channel Packet Switched Data Channels are provided with one logical channel as standard. In addition the following features are available at no additional charge:

Flow Control Parameter Negotiation
Fast Select Limitation/Acceptance
Throughput Class Negotiation
Incoming Calls Barred
Outgoing Calls Barred

- b. Service Line Restrictions - Centrex 2000 service lines may be provisioned to limit a service line's ability to originate or terminate calls outside of the Centrex 2000 system. The following restrictions are available at no monthly charge. An installation charge is applied only if the restriction level on a service line is changed after initial installation. Applying service line restrictions will affect the operation of service line features which conflict with the restriction.

- (1) Incoming Restricted - prevents the service line from terminating a call from outside of the Centrex 2000 system. Restricted calls are routed to a recorded announcement. Calls over tie lines terminating in the Centrex 2000 system are not restricted.
- (2) Outgoing Restricted - prevents the service line from originating a call to a location outside of the Centrex 2000 system. Calls to Dial "0" attendant are also restricted.
- (3) Fully Restricted - combines the incoming and outgoing restrictions. Fully restricted service lines can only originate and terminate calls within the Centrex 2000 system.
- (4) Fully Restricted - Denied Dial Tone - for use with loud speaker paging systems.

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CENTREX 2000 SERVICES

B. SYSTEM CONFIGURATION ELEMENTS (Continued)

1. Centrex 2000 Service Lines and Features (Continued)

c. Centrex 2000 Optional Features for Service Lines

(1) The following optional features are available for Basic and Deluxe Service Lines:

- (a) AreaWide Centrex
- (b) Call Waiting - Terminating
- (c) Calling Name and Number
- (d) Hunting Service
- (e) Toll Restriction
- (f) Uniform Call Distribution
- (g) Anywhere Call Forwarding
- (h) Take Two Service

(N)

(2) The following optional features are available for Electronic Service Lines:

- (a) AreaWide Centrex
- (b) Call Restriction Levels
- (c) Call Waiting - Terminating
- (d) Calling Name and Number
- (e) Circuit Switched Data Hunting
- (f) Custom Set Configuration
- (g) Hunting Service (Note)
- (h) Secondary Telephone Number
- (i) Toll Restriction
- (j) Uniform Call Distribution
- (k) Anywhere Call Forwarding
- (l) Take Two Service

(N)

(3) The following optional features are available for Packet Switched Data Channels. These features may be used with a 64 kbps B channel packet service or a 9.6 kbps D channel packet service.

- (a) Additional Logical Channels
- (b) Closed User Group
- (c) Permanent Virtual Circuit
- (d) X.25 Hunt Group

Note: Adding Hunting Service to an Electronic Station Line removes the Multiple Call appearance and Shared Call Appearances features from that line.

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CENTREX 2000 SERVICES

B. SYSTEM CONFIGURATION ELEMENTS (Continued)

2. Centrex 2000 Attendant Lines and Features

a. Attendant Lines

An Attendant line provides the point of termination for the customer's main directory number. From this line(s) the attendant can assist service lines in making calls. The attendant line can be accessed from within the Centrex 2000 group by dialing "0". Two types of Attendant Lines are available: Basic, which uses analog technology, and Electronic, which uses ISDN technology:

(1) Basic Attendant Lines

Basic Attendant Lines are provided with the following features as standard:

Add on Conference
Attendant Camp-On (Non-Data Link)
Attendant Night Service
Call Forwarding Variable
Call Hold
Call Pickup
Call Transfer Individual - All Calls
Consultation Hold
Dial Call Waiting
Direct Inward Dialing
Direct Outward Dialing
Directed Call Pickup Non Barge-In
Distinctive Ringing
Group Speed Call 30 – System
Identification of Outward Dialing
Speed Call 6 - Individual
Touch-Tone Service
Trunk Answer Any Station

(N)

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CENTREX 2000 SERVICES

B. SYSTEM CONFIGURATION ELEMENTS (Continued)

2. Centrex 2000 Attendant Lines and Features (Continued)

a. Attendant Lines (Continued)

(2) Basic Attendant Lines

Electronic Attendant Lines use ISDN standards to provide advanced capabilities to the attendant position. The following features are standard on Electronic Attendant Lines.

Add on Conference
Attendant Call Hold
Attendant Call Transfer
Attendant Direct Station Selection/Busy Lamp
Attendant Interposition Transfer
Attendant Night Service
Attendant Position Busy
Attendant Timed Reminder
Call Forwarding Variable
Call Pickup
Call Transfer Individual - All Calls
Consultation Hold
Dial "0" Attendant (N)
Dial Call Waiting
Direct Inward Dialing
Direct Outward Dialing
Directed Call Pickup Non Barge-In
Distinctive Ringing
Electronic Attendant Camp-On (N)
Group Speed Call 30 – System (N)
Identification of Outward Dialing
Inspect
Intercom Dialing
Intrasystem Calling Line Identification
Manual Exclusion
Multiple Call Appearance
Privacy (N)
Shared Call Appearance
Speed Call 6- Individual
Time/Date Display
Touch-Tone Service
Trunk Answer Any Station

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CENTREX 2000 SERVICES

B. SYSTEM CONFIGURATION ELEMENTS (Continued)

2. Centrex 2000 Attendant Lines and Features (Continued)

b. Centrex 2000 Optional Features for Attendant Lines

(1) The following optional features are available for Basic Attendant Lines:

- (a) AreaWide Centrex
- (b) Attendant Call Through Tests
- (c) Attendant Control of Facilities
- (d) Attendant Power Failure Transfer
- (e) Hunting Service
- (f) Uniform Call Distribution
- (g) Anywhere Call Forwarding

(N)

(2) The following optional features are available for Electronic Attendant Lines:

- (a) AreaWide Centrex
- (b) Attendant Busy Verification of Lines/Trunks
- (c) Attendant Call Through Tests
- (d) Attendant Direct Trunk Group Selection
- (e) Attendant Emergency Override
- (f) Attendant Information About Calls in Queue
- (g) Attendant Power Failure Transfer
- (h) Attendant Traffic
- (i) Attendant Trunk Group Indicator
- (j) Custom Set Configuration
- (k) Hunting Service (Note)
- (l) Uniform Call Distribution
- (m) Anywhere Call Forwarding

(N)

Note: Adding Hunting Service to an Electronic Attendant Line removes the Multiple Call Appearance and Shared Call Appearances features from that line.

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B. SYSTEM CONFIGURATION ELEMENTS (Continued)

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3. System Equipment and Features

a. Optional System Features

- (1) Conference Calling - 6 way
- (2) Dial Dictation Access
- (3) Loud Speaker Paging
- (4) Queuing with Delay Announcement
- (5) Radio Paging Access
- (6) Trunk Dial Transfer

Additional System Features are available in Section 35 preceding.

b. Tie Line Terminations

- (1) Tandem Tie Trunks
- (2) Non-Tandem Tie Trunks
- (3) Digital Interface (1.544 Mbps)
- (4) Primary Rate Interface

c. WATS Terminations

- (1) 800 Termination
- (2) Outgoing WATS Group Termination
- (3) Two Way WATS Group Termination

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CENTREX 2000 SERVICES

B. SYSTEM CONFIGURATION ELEMENTS (Continued)

4. Centrex 2000 Exchange Access

- a. Exchange access is included on all Centrex 2000 Service Lines except fully restricted service lines, stand alone 9.6 kbps Packet Switched Data Lines, and 64 kbps Packet Switched Data Lines. Electronic Service Lines with two B channels will include two exchange accesses. (T)
- b. Exchange access provides the ability to originate and terminate calls on the local telephone network. (T)
- c. The charge for exchange access is included in the service line rate. (T)
- d. For an additional charge, exchange access is available optionally to Tie Line Terminations. This provides users entering the Centrex 2000 system via a tie line to originate calls on the local telephone network. (T)

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CENTREX 2000 SERVICES

B. SYSTEM CONFIGURATION ELEMENTS (Continued)

5. End User Common Line Charge (9ZR/9ZC)

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- a. The End User Common Line (EUCL) charge will be applied to all service lines and attendant lines. In order to achieve parity between the EUCL charges for a Centrex 2000 customer and the EUCL charges that would be incurred if the customer subscribed to a customer premises based switching system, the

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EUCL is calculated as follows:

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$$\frac{\text{EUCL Rate}}{\text{PBX Trunk Equivalency Factor}}$$

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- b. The PBX trunk equivalency factor is 11.2.

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CENTREX 2000 SERVICES

C. DEFINITIONS AND FEATURE DESCRIPTIONS

Add On Conference - Used with Consultation Hold, this feature allows a Centrex user to add on a held party after a second party is reached. This creates a three way call.

Additional Logical Channels - Provides the ability to maintain multiple packet calls simultaneously over one service line. The combined throughput of all the logical channels on a single service line is subject to the 9.6 kbps (D channel) or 64 kbps (B channel) limit of the service line. Up to 10 logical channels can be carried on D channel packet service. Up to 128 logical channels can be carried on B channel packet service.

Anywhere Call Forwarding - Allows subscribers to have the ability to remotely change the termination of their incoming calls to another telephone line from any tone signaling telephone. The customer can activate, deactivate, or change the destination number using a personal identification number (PIN).

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AreaWide Centrex - Allows customers with multiple locations (in the same serving central office or different serving central offices) to create the appearance that all locations are serviced by a single Centrex system. AreaWide Centrex extends five-digit dialing plans and internal features between the Centrex systems. AreaWide Centrex customers can dial all other AreaWide Centrex subscribed lines in their group.

Attendant Busy Verification of Lines and Trunks - Allows an attendant to determine whether a line or tie line within the Centrex 2000 system is busy or idle.

Attendant Call Hold - Allows an attendant to put any in progress call on hold freeing the line to originate or process other calls. Attendant Timed Reminder is activated when the call is placed on hold.

Attendant Call Through Tests - Allows the attendant to set up a test call over a selected tie line to determine if the tie line is operating correctly.

Attendant Call Transfer - Allows the attendant to transfer a call to another directory number.

Attendant Camp-on (Non-Data Link) - Allows incoming calls that the attendant attempts to complete to a busy service line to be held waiting until the busy service line becomes idle. Attendant Timed Reminder is activated when the call is camped-on.

Attendant Control of Facilities - This feature allows the attendant to restrict dial access of stations to certain lines and trunks. Calls to the restricted facilities can be routed to the attendant, to a recorded announcement, or to a customer specified intercept treatment.

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C. DEFINITIONS AND FEATURE DESCRIPTIONS (Continued)

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Attendant Direct Station Selection / Busy Lamp - This feature allows the attendant to display the status of any service line in the Centrex 2000 system.

Attendant Direct Trunk Group Selection - Allows an attendant to select an idle trunk for an outgoing call simply by pressing a single console button.

Attendant Emergency Override - By dialing an access code plus the extension number, Attendant Emergency Override allows the attendant to ring the station even if:

- It is busy from setting the Make Busy key.
- It has Series Completion or Multiline Hunt arrangement.
- It has Call Forwarding activated.
- It is equipped with Terminating restrictions.

Attendant Timed Reminder - Provides a timer that starts when a call is camped-on or put on hold. When the timer expires, the attendant is alerted and can pick up the call to talk to the calling party.

Attendant Information About Calls in Queue - This feature provides the following information about calls in queue:

- Average time in queue for served calls.
- Average time in queue for calls abandoned before serving.
- Longest time a call has been in queue before serving.
- Total number of calls in queue abandoned before being served.
- Total number of served calls.

Attendant Interposition Transfer - Provides the attendant with the ability to transfer or place a call to another attendant in the attendant group by dialing the Directory Number assigned to that position. When a call is made to this Directory Number, no hunting or queuing will occur if the attendant is busy on that Directory Number.

Attendant Night Service - Provides arrangements to route calls which are normally directed to the attendant positions to a night Directory Number, when the regular consoles are not attended.

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CENTREX 2000 SERVICES

C. DEFINITIONS AND FEATURE DESCRIPTIONS (Continued)

Attendant Position Busy - Provides the attendant with the ability to make the position appear busy. In a single position arrangement, new calls receive busy treatment. In a multiple position arrangement, new calls are directed to another attendant position. If a position is placed in a position-busy state, the attendant can serve calls on hold, answer calls, complete calls on timed reminder, and originate calls.

Attendant Power Failure Transfer - This feature permits calls to the attendant to be routed to a preassigned Directory Number during a power failure at the customer's location.

Attendant Traffic - Provides the following information about calls for each electronic attendant console position:

Aggregate work time for the position.
Minutes the position has been active.
Number of calls handled by the position.

Attendant Trunk Group Indicator - This feature allows an attendant to monitor the level of traffic on customer selected trunk groups.

A maximum of 16 trunk groups per attendant position can be monitored.
A maximum of 64 trunk groups per attendant group can be monitored.

Automatic Callback - The user can hang up after reaching a busy line within Centrex 2000 system and then dial a call-back activation code to initiate the automatic call-back process. When the called party goes on-hook, the customer will receive a distinctive ringing pattern (intrasystem only) to indicate that the desired line is available. This feature cannot be activated against a line number in a hunt group, nor can it be placed on attendant lines.

B Channel Packet Switched Data - Provides the ability to make X.25 packet switched data calls over 64 kbps "B" channel to other subscribers in the Centrex system. The throughput on packet data traffic is up to 64 Kbps. One logical channel is provided as standard.

Call Hold - Allows a Centrex 2000 user to put any in progress call on hold. This frees the line to originate another call.

Call Forwarding Busy Line - All Calls - Permits calls to a specified line number to be forwarded to a customer preselected number when busy. This feature is prohibited with any type of hunting service.

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CENTREX 2000 SERVICES

C. DEFINITIONS AND FEATURE DESCRIPTIONS (Continued)

Call Forwarding Don't Answer - All Calls - Permits calls to the specified line number to be forwarded to a customer preselected number if not answered after a customer-specified number of rings.

Call Forwarding Variable - Allows calls attempting to terminate to a line to be redirected to any other customer-specified number. The customer must activate or deactivate the forwarding function and specify the desired terminating number during each activation procedure. If the call from the calling party to the forwarding line is chargeable, the calling party is billed for that part of the call. If the forwarded leg of the call is chargeable, the forwarding line is billed for that portion of the call.

Call Pickup - Enables a user to answer a call to another line in the defined call pickup group. This is accomplished by dialing a call pickup code while the called line is being rung. If more than one line in the group is being rung, the line that has been ringing the longest is picked up first.

Call Pickup Group - A group of users which have the capability of picking up each others calls by using the Call Pickup feature.

Call Restriction Levels - Prevents an Electronic Service Line user from calling certain data terminals based upon the restrictions placed upon the specific calling terminal. If the calling terminal is restricted, the call is directed to a recorded announcement.

Call Transfer Individual - All Calls - Allows a user to add on and/or transfer any established terminating call to any other line either within or outside the system.

Call Waiting - Terminating - Provides the user with an audible tone to indicate that a non-intercom call is waiting when the service line is in use. Call forwarding-Busy Line and Call Waiting-Terminating are mutually exclusive on the same line.

Calling Name and Number - On incoming calls, Caller ID Name and Number provides the telephone number and listed name, when available, associated with the calling party, unless (1) the calling party's name and/or number is not accessible to the network because of where the call originates or (2) when the calling party invokes a per call or per line blocking feature which prevents the name and/or telephone number from being passed. Information may be displayed on a customer-provided display device attached to the subscriber's line or telephone set. The Caller ID subscriber is responsible for providing the display device. The installation, repair and technical capability of the device to function with Caller ID Name and Number is also the responsibility of the subscriber. CBT assumes no liability and will be held harmless for any incompatibility of this equipment and resulting inability to perform satisfactorily with network features associated with this service. This service is not available for electronic or ISDN lines.

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CENTREX 2000 SERVICES

C. DEFINITIONS AND FEATURE DESCRIPTIONS (Continued)

Circuit Switched Data Hunting - Allows a grouping of circuit switched data channels to a host so that calls to the host will be completed if there is an available channel anywhere in the group.

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Closed User Group - Allows packet subscribers to establish subnetworks within which members can communicate. Communication with users outside of these subnetworks is then prohibited. A user can belong to multiple closed user groups.

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Closed User Group Member - Allows a packet data subscriber to participate in a closed user group.

Conference Calling - 6 Way - Allows a station to establish a conference call involving up to five other parties without attendant assistance.

Consultation Hold - Allows a user to add a third party to an existing conversation. The party initiating the call can hold one party with privacy exclusion while dialing and talking with another party.

Custom Set Configuration - A customization charge which is applied when a customer requests a non-standard configuration of feature buttons on an Electronic Service Line or Electronic Attendant Line.

Customer - A single end user.

D Channel Packet Switched Data - Provides the ability to make X.25 packet switched data calls over the 16 kbps "D" channel to other subscribers in the Centrex system. The throughput on packet data traffic is up to 9.6 kbps. Packet calls may be made simultaneously with any voice or 64 kbps data call. One logical channel is provided as standard.

Dial Access to Private Facilities - Allows the customer to access tie lines terminated at the central office by dialing a unique code. If the dialing plan allows, the tie line may be accessed simply by recognition of the first digit (or first two digits) dialed. This provides intercom dialing into the tie line without the use of an access code. Once the tie line is accessed, the station user may or may not receive a dial tone, depending upon the tie line accessed.

Dial Call Waiting - Allows a user to give call waiting treatment to a called line. The subscriber must dial an activation code followed by the called number in order to give call waiting service to the terminating line for the duration of a call. This service is restricted to intrasystem calls.

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CENTREX 2000 SERVICES

C. DEFINITIONS AND FEATURE DESCRIPTIONS (Continued)

Dial Dictation Access - Permits access to and control of customer-owned dictation equipment from a service line in the Centrex 2000 system. The service line for connection to the dictation equipment must be purchased separately.

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Direct Inward Dialing (DID) - Allows an incoming toll or DDD call to directly reach a specific user line directly. If the called line is idle and not restricted from receiving incoming calls, the user line returns audible ringing on the incoming connection. If the called line is busy, the line returns a busy tone. If the called line is restricted from receiving incoming calls, the incoming call is routed to an announcement.

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Dial "0" - Attendant - When a Centrex 2000 user dials "0", the call is automatically routed to Centrex 2000 attendant service line (customer preselected) within the Centrex 2000 system.

Direct Outward Dialing (DOD) - Allows a user line to access the local exchange network directly.

Directed Call Pickup Non Barge-In - Permits a user to dial a code and a line number and pick up a call which is ringing on another line. The rung telephone must permit directed pickup. If the call has been answered by the called line, the party dialing the pickup code will receive a reorder signal.

Distinctive Ringing - This feature enables a user to identify the general source of incoming calls by providing a unique ringing pattern on telephone instruments. Ringing pattern is based on whether the call originated inside the Centrex group, outside the Centrex group, or was forwarded from the attendant.

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800 Termination - Provides for the switching of INWATS access lines to a selected Service Line or Attendant Line.

Electronic Attendant Camp-on - Allows incoming calls that the attendant attempts to complete to a busy station to be held waiting until the busy station becomes idle. Attendant Timed Reminder is activated when the call is camped-on.

Electronic Key Service - Allows single button access to features otherwise accessible only through dialed codes.

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CENTREX 2000 SERVICES

C. DEFINITIONS AND FEATURE DESCRIPTIONS (Continued)

Fast Select Limitation/Acceptance - allows the switch to transmit incoming call packets with up to 128 bytes of data along with call set up and clearing packets.

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.

Group Speed Call 30, Customer Changeable System - A Centrex 2000 line user can place calls to a repository of thirty telephone numbers by dialing a unique code. Centrex 2000 attendant service line is designated as the owner of the list and may change the telephone numbers. Other Centrex 2000 line users are considered as sharers of the list.

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Hunting Service

1. Regular Hunting - The hunt always starts with the called line and ends with the last line in the prearranged group, completing the call to the first idle line encountered. Unless the first line in the group is called, only a portion of the group is tested. The prearranged sequence can be either consecutive (telephone numbers are in ascending numerical sequence) or nonconsecutive order.
2. Circle Hunting - An arrangement in which hunting begins with the terminal number associated with the called number, and continues sequentially through the last terminal number in the hunt group. Hunting resumes starting with terminal number 1 and continues through the terminal number preceding the called hunt terminal number.

Identification of Outward Dialing - This feature provides the means for identifying the originating number in AMA records for calls involving timed or toll charges.

Inspect - Works with Intra-System Calling Line Identification to display calling party line number for any call appearance which has a call associated with it. This could be an active call, a call on hold, or an alerting call. Requires the user to dedicate a feature button on an electronic station set.

Intercom Dialing - Permits users to place intrasystem calls on a 4 digit basis.

Intra-System Calling Line Identification - Provides calling party directory number on calls originated from Basic, Deluxe, and Electronic lines in the same Centrex system for Electronic Service Line subscribers. The called party receives the directory number of the calling station along with the time and the date of the call.

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CENTREX 2000 SERVICES

C. DEFINITIONS AND FEATURE DESCRIPTIONS (Continued)

Loudspeaker Paging - Allows users to dial access loudspeaker paging equipment. Capabilities are provided to allow multizone paging where a separate access code or directory number is provided for each zone within a customer's location. Optional arrangements may be provided to allow the paged party to be connected to the calling party by dialing an answering code from any line within the customer system. This feature requires the purchase of a service line for connection to the paging equipment.

Manual Exclusion - Allows a multi-button key system set user to prevent other stations from picking up a call on hold or bridging onto a call which is active at that station.

Modem Pooling Access Line - Provides an X.25 Packet Switching access line to be connected to a customer-provided modem, allowing the customer to transmit data to and receive data from dial-up data users. A basic service line is needed for each modem. Additional logical channels are available on modem pooling access lines.

(N)
|
(N)

Multiple Call Appearances - Allows a station to originate or terminate more than one call on the same line number. If the first call appearance button is busy, an incoming call will be completed to the first idle call appearance for that line number. A call can be originated from any idle call appearance while a call on another call appearance is on hold. This feature is not available on lines equipped with hunting service.

Permanent Virtual Circuit - Establishes a dedicated logical channel (between two stations), removing the need for call set up and clearing.

Privacy - Allows a user to prevent other stations from picking up a call or holding or bridging on to a call which (N)

is in progress. Requires the user to dedicate a feature button on an electronic station set.

(N)

Queuing With Delay Announcement - Allows calls to a hunt group or a uniform call distribution group to be placed in a queue to be answered by the next available attendant or station in the group. Calls in queue receive a customer-generated automatic announcement.

Radio Paging Access - Permits attendant and Centrex station user to access radio paging equipment and page individuals carrying pocket radio receivers. Upon receiving the page, the paged party can establish a talking connection with the paging party by dialing a unique answering code. The service line for connection to the radio paging equipment is purchased separately.

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CENTREX 2000 SERVICES

C. DEFINITIONS AND FEATURE DESCRIPTIONS (Continued)

(N)

Secondary Telephone Number - Allows a service or attendant line to have a secondary line number with separate call appearances in addition to its primary line number.

Shared Call Appearances - Allows several stations to share one or more line numbers. Originating and terminating calls affect all stations sharing that line number. The shared line numbers can have multiple call appearances, multiple calls can exist on one line number, and more than one station sharing a line number can have a call active on that shared line number. This feature is not available on lines equipped with hunting service.

64 kbps Circuit Switched Data Channel - Provides the ability to make 64 kbps data calls to other appropriately equipped lines. The ability to make 64 kbps data calls is provided in addition to the ability to make voice calls and the two services may be used simultaneously.

Speed Call 6 - Allows subscribers to store a list of up to 6 speed calling codes.

Throughput Class Negotiation - allows the calling data terminal to request specific throughput classes in the call request packet for both directions of data transmission.

Tie Trunk Terminations - A tie trunk connects two or more customer locations. Tie trunks can be terminated in an attendant console (direct access), or may have dial access. The attendant can directly access the trunk and dial digits into it, or a dial access code can be utilized from the Centrex group. The following tie trunk terminations can be provided:

Tandem Tie Trunks - Tandem tie trunks allow access to other tie trunks in the Centrex group in addition to the resident centrex lines. The user, in effect, "cuts through" these offices, allowing the office to be used as a tandem or hub office.

Nontandem Tie Trunks - Customer dedicated 1-way or 2-way tie trunks between two switches without intermediate switching.

DS1 Digital Interface (1.544 Mb/s) - Permits the direct termination of a DS1 facility. The channels in the DS1 must be designated as tandem or non tandem trunks.

(N)

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CENTREX 2000 SERVICES

C. DEFINITIONS AND FEATURE DESCRIPTIONS (Continued)

(N)

Tie Trunk Terminations (Continued)

Primary Rate Interface - Permits the termination of a DS1 facility using Integrated Services Network (ISDN) Primary Rate Interface (PRI) protocols. The channels within the PRI must be designated as tandem or non tandem.

Time and Date Display - A feature for Electronic Attendant Lines. The central office provides the time and date to the station set. Time is updated once per minute.

Toll Restriction - Centrex lines with Toll Restriction are only permitted to originate calls to the toll free area.

Touch Tone Service - Dial service utilizing dual tone multi-frequency (DTMF) signaling.

Trunk Answer Any Station - Permits an individual at any user line to answer an incoming call to the listed directory number when the attendant is not on duty to answer the call. This feature allows any of the user lines to dial a code in order to be connected to the incoming call. In order to make individuals aware that a call has come in which needs to be answered, this feature is used in conjunction with visual and/or audible alarms.

Trunk Dial Transfer - Provides the call transfer feature to tie lines.

Uniform Call Distribution - A hunting arrangement available to lines arranged in a circle hunting group. Incoming calls to the line (main hunt) number of the group will hunt throughout the lines in a fixed sequence, except that, once a call has been completed to a line, a pointer within the switching equipment will advance to the most idle line. The next incoming call will go directly to that line if it is still available. If it is not, the call will either be directed to the most idle line in the hunt group or, if all lines in the hunt group are busy, receive busy tone. All lines in a Uniform Call Distribution Group must subscribe to Hunting Service.

WATS Group Termination - Provides service lines with access to a group of WATS lines. Each WATS band requires a separate WATS Group Termination.

X.25 Hunt Groups - Allows a grouping of access lines such that an incoming packet-switched data call to the hunt group is completed if there is an available logical channel on any of the access lines within the hunt group.

(N)

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CENTREX 2000 SERVICES

C. DEFINITIONS AND FEATURE DESCRIPTIONS (Continued)

Electronic Service Line - Uses Integrated Services Digital Network (ISDN) standards to provide integrated voice and data communications. An Electronic Service Line can be configured to support one or two 64 kbps "B" channels. The 16 kbps "D" channel carries signaling information and optionally, 9.6 kbps packet switched data.

B Channel - A channel within an Electronic Station Line which can be used to carry circuit switched voice or circuit switched data or packet switched data at speeds up to 64 kbps.

D Channel - A channel within an Electronic Station Line which is used to carry signaling messages. Optionally, user packet-switched data can also be carried in the D channel.

D. REGULATIONS

1. Provision of Service

- a. Centrex 2000 service is furnished subject to the capability, capacity and availability of central office switching equipment and outside plant facilities.
- b. Centrex 2000 service requires a minimum of 4 service lines. A customer requiring fewer than 4 service lines will be charged for the minimum of 4 service lines.
- c. An existing Centrex 2000 customer may move the location of the Centrex 2000 service, subject to reapplication of initial charges for the service lines.
- d. Some features may not be available in all central offices due to the equipment and software deployed in the office.
- e. The minimum service period for Centrex 2000 is one year. If service lines were purchased on a month-to-month basis prior to February 1, 2005, the minimum number of lines specified in paragraph D.1.b. (C) preceding must be maintained for at least 12 months before service is terminated, in order to avoid termination charges. If a customer terminates service prior to 12 months, the termination charge is calculated as follows:

Remaining Months x Recurring Charges for service and attendant lines.
- f. Temporary suspension of service is not available with Centrex 2000.
- g. Centrex 2000 service cannot be used to provide residence service for colleges, universities, and similar educational institutions.

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CENTREX 2000 SERVICES

D. REGULATIONS (Continued)

1. Provision of Service (Continued)

- h. The initial charge for optional features for service lines and attendant lines found in paragraphs F.1.c. and F.2.b. following, is waived when the features are purchased during the initial line installation. When multiple features are added to service lines or attendant lines at the same time, but after the initial line installation, the initial charge applies only once per line. The Custom Set Configuration, Secondary Telephone Number, AreaWide Centrex and Take Two Service options are exceptions. The initial charges for these features always apply in full. (N)

2. Standard Intercept Service

Incoming calls, either DID or intercommunication, to either a vacant or disconnected number within the number assignment allocated to the Centrex 2000 system, will receive a recorded announcement that states that the caller has reached a non-working number. Intercept service on the main telephone number listed in the directory, with a referral to a new number, will be provided upon complete disconnection of the entire system.

3. In connection with Centrex 2000 service, the Telephone Company will require space located on the customer premises for distribution equipment associated with the system. In some cases, because of service requirements of the customer, power may also be required.
4. One primary directory listing will be furnished without additional charge for the Centrex 2000 service in accordance with the regulations set forth in Section 6 of this tariff.
5. A customer with multiple locations served by the same central office may choose to combine these locations into a single Centrex 2000 system.

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CENTREX 2000 SERVICES

D. REGULATIONS (Continued)

6. Subject to availability of facilities and equipment, Centrex 2000 Basic and Deluxe Service Lines may be provided to a customer location outside the serving central office area but within CBT's serving area as defined in this tariff. In such cases, in addition to the applicable service line rates, the rates and charges specified in CBT's FCC Tariff No. 35 apply for a 2-wire private line circuit, including mileage, between the normal serving central office and the Centrex 2000 serving central office. (T)

Tie lines, both intraexchange and interexchange, between two separate Centrex 2000 systems of the same or different customer and between a Centrex 2000 system and a non-Centrex 2000 system of the same or different customer are available at applicable rates and charges. When tie lines are provided, the rates and charges specified for a Centrex 2000 basic line and tie line terminations as specified in paragraph E. following are applicable in addition to the rates and charges specified in CBT's FCC Tariff No. 35 for two-wire private line circuit or equivalent.

The above services are not available for Centrex 2000 Electronic Service Lines.

- (T)
- (T)
7. Customers with Electronic Service Lines or Electronic Attendant Lines may select one of the standard configurations for the assignment of features to the feature buttons on the telephone sets. Requests for other than one of the standard configurations will be done for an additional customization charge (See paragraphs B.1.c.(2)(e) or B.2.b.(2)(j) preceding). (T)
- (T)

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CENTREX 2000 SERVICES

D. REGULATIONS (Continued)

8. Customer access treatment code restrictions allow the creation of subgroups within the Centrex 2000 system to provide additional restriction of access functions. Codes which are part of the system numbering plan may be denied or made accessible to subgroups of lines by assigning to each line within the system a customer access treatment (CAT) category. Each CAT category defines which private facility groups and features can be accessed. For example, service lines are restricted from a particular private facility if the CAT category of the lines does not allow access. Since a system is allowed multiple CAT categories, flexible control of the facilities is possible. The CAT categories are associated with dialing plan codes which access private facilities and also codes associated with features that are assigned to the system rather than to individual lines within the group. (T)
9. Direct interconnection of resale or sharing systems or a combination of Shared Tenant Service and Centrex systems serving different resale/sharing systems is prohibited. (T)
10. Intercom calling between unaffiliated end users of Centrex-based resale or sharing systems is prohibited. Where customer is in violation of this regulation, the Telephone Company will promptly notify the customer of the violation and the customer must discontinue such use or correct the violation. The customer's failure to discontinue such use or correct the violation will result in the suspension or disconnection of the customer's service until the customer complies with the provisions of this tariff. (T)
11. Service orders will be accepted by the Telephone Company only from the Telephone Company's customer, however, the Telephone Company will respond to repair and maintenance requests from others provided that the end user is responsible for any maintenance of service charges that may be billed by the Telephone Company. (T)

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CENTREX 2000 SERVICES

D. REGULATIONS (Continued)

12. Migration from Centrex 90, ESSX-1 and Centrex

- a. Centrex 90, ESSX-1 and Centrex customers may change their systems to Centrex 2000 service. Termination charges for the Centrex 90, ESSX-1 and Centrex services and features which are converted to Centrex 2000 will be waived.
- b. When converting from Centrex 90, ESSX-1 or Centrex to Centrex 2000 service, a customer may sign a contract for any period of time greater than or equal to the remaining period on the Centrex 90, ESSX-1 or Centrex contracts. If the remaining period on the Centrex 90, ESSX-1 or Centrex contracts fall between the standard periods offered by Centrex 2000 and the customer does not wish to contract for a longer period, a contract for the remaining period will be offered at the rates of the next shorter standard contract and the contract expiration date will equal the original contract expiration date.
- c. If a Centrex 90, ESSX-1 or Centrex customer converts to Centrex 2000 with less than one year remaining on the existing contract, the minimum service period in paragraph D.1.e. preceding will apply.

13. Retaining two telephone numbers when upgrading from business access line service (Take Two Service)

- a. When upgrading from business access line service the customer has the option to retain two of their current telephone numbers.
- b. The lines associated with these numbers will be equipped with the applicable Centrex 2000 features and will reflect the applicable Centrex 2000 line rates.
- c. The lines associated with these numbers will not be part of the Centrex 2000 4-digit dial plan.
- d. The nonrecurring charge associated with the Take Two Service will be applied once when two telephone numbers are retained.
- e. Two is the maximum number of telephone numbers that can be retained by a customer in this situation.

(N)

(N)

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CENTREX 2000 SERVICES

E. CENTREX 2000 TERM PAYMENT PLAN

1. Centrex 2000 service is offered under the Variable Term Payment Plan (VTPP). Conditions and regulations pertaining to the VTPP are included in Section 34 of the General Exchange Tariff. (T)
(T)
2. The VTPP option allows a customer to pay a fixed rate for Centrex 2000 service lines over one of several term payment periods. (T)
(T)
3. A payment period is the period of time selected by the customer from those currently offered by the Company, over which a specific rate is paid.
4. During the effective term of the selected payment period, the contracted monthly rate of a payment period is not subject to a Company-initiated rate change.
5. Any VTPP calculation, which involves rounding, will be rounded up to the next higher whole number. (T)
6. An existing Centrex 2000 service customer may move the location of the Centrex 2000 service subject to reapplication of initial charges, and retain the VTPP at the rates in effect at the time the customer subscribed to the VTPP. Termination charges as specified in 9 following are applicable if a customer moves the Centrex 2000 service to a location where central office capacity or outside plant facilities are not available. If in conjunction with a move a customer reduces service, termination charges for the removed service as specified in 9 following apply. If a customer with Electronic Service Lines moves to a location where Electronic Service Lines are not available, Deluxe Service Lines will be substituted. The Deluxe Service Line rate will be calculated as if the customer had originally purchased the Deluxe Service Lines instead of Electronic Service Lines. (T)
(T)
7. A Centrex 2000 service customer who has service as of January 25, 1999 and who adds or modifies the Centrex 2000 service will be charged the current tariffed Centrex 2000 rates and will follow rules contained in the initial contract provided existing central office capacity and outside plant facilities are available. Lines may also be added with a new CTPP contract or on a month-to-month basis. The term of a new contract must be shorter than the time remaining in the longest current contract used in the Centrex 2000 system. New contracts will use current tariffed rates.

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CENTREX 2000 SERVICES

E. CENTREX 2000 TERM PAYMENT PLAN (Continued)

8. A customer who removes Centrex 2000 lines and does not disconnect the entire Centrex 2000 service, will incur a termination charge as specified in 9. following for the amount of service that is removed, or continue to pay the contract amount.

9. Early Contract termination (T)

a. For customers who installed service prior to February 1, 2005 and who reduce service or disconnect the (C)
entire Centrex 2000 service prior to the completion of the current payment period will pay a termination charge equal to the lesser of:

50 percent of the removed service contract amount, or

75 percent of the remaining contract amount for the portion removed.

b. For customers who installed service on or after February 1, 2005 and who reduce service or disconnect the entire Centrex 2000 service prior to the completion of the current payment period will pay termination charges equal to the monthly charges for the remainder of the contract and any initial charges that were waived at the time of installation. (C)
(C)

10. Renewal

Prior to the completion of the current payment period, any other available payment period may be selected at current tariffed rates. The customer will begin paying the new period rates on the day following the expiration of the prior payment period.

11. For customers who installed service prior to February 1, 2005 and who do not elect an available VTPP payment period at the completion of the current payment period and do not request discontinuance of service, service will be continued at the then current rates for the monthly payment period. The monthly payment rates will be subject to rate adjustments. For service installed on or after February 1, 2005 see Section 34, "Renewal Options". (C)
(N)
(N)

12. Recasting (Changing length of VTPP) (T)

Subsequent to the establishment of service under VTPP and prior to the completion of the payment period, the existing payment period may be replaced by a currently offered payment period at the current rates, subject to the following conditions: (T)

a. No credit will be given for payments made during the formerly selected period. However, nonrecurring charges will not be reapplied.

b. The new payment period begins with the date requested.

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CENTREX 2000 SERVICES

E. CENTREX 2000 TERM PAYMENT PLAN (Continued)

12. Recasting (Continued)

- c. No termination charge applies provided the customer does not reduce service below the former level of contracted service. If service is reduced when recasting, then termination charges apply under the existing contract for the removed service.
- d. Customers may not recast to a contract that is shorter than the remainder of their existing contract.

13. Supersedure

Service as provided under VTPP may be transferred to a new customer at the same location upon prior written concurrence by the Company and subject to the provisions in Section 2 of this tariff. When an associated service is furnished under a separate VTPP or under a different payment plan, the regulations for (T) supersedure or transfer of contract specified under that plan apply to that service.

(T)

14. Upgrades

- a. Centrex 2000 customer may upgrade service lines during the term of a contract. An upgrade is defined as:
 - (1) replacing a Basic Service Line with a Deluxe Service Line or an Electronic Service Line, or
 - (2) replacing a Deluxe Service Line with an Electronic Service Line, or
 - (3) replacing one type of Electronic Service Line with another, higher priced type of Electronic Service Line.
- b. The upgraded Centrex 2000 lines will be billed over the time remaining in the existing payment period. The upgraded and any previously installed Centrex 2000 lines will then have a coterminous expiration date. The rate level applicable for the upgraded Centrex 2000 lines is that in effect at the time that the customer entered the CTPP for the payment period which the customer selected.
- c. A customer on the one-month payment period (customers installing service prior to February 1, 2005) may elect to upgrade and continue on the one-month payment period. (C)
- d. The upgraded Centrex 2000 lines are exempt from Company-initiated rate changes until the expiration of the initial payment period. (C)

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CENTREX 2000 SERVICES

E. CENTREX 2000 TERM PAYMENT PLAN (Continued)

14. Upgrades (Continued)

- e. Termination charges do not apply for Centrex 2000 Lines that are upgraded.
- f. Initial charges will apply to any upgraded Centrex 2000 lines.

(D)

(D)

The Advance Payment Plan option, formerly appearing on this page, has been deleted.

(T)

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(D)

(D)

(T)

(T)

The Advance Payment Plan option, formerly appearing on this page has been deleted.

(T)

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CENTREX 2000 SERVICES

E. CENTREX 2000 TERM PAYMENT PLAN (Continued)

15. Hierarchy of Service Lines

- a. Centrex 2000 service lines are priced in volume bands. The volume bands are applied on a contact by contract basis. When lines are purchased through multiple VTPP contracts, the pricing bands apply to each contract individually. The number of lines is not additive between contracts. (T)
- b. Only those service lines which are shown with volume bands in F.1.a. following are included in the line counts for band pricing purposes. Electronic Service Lines with 64 kbps Packet Switched Data, Stand Alone 9.6 kbps Packet Switched Data Lines and Attendant Lines are all excluded from the line count.
- c. When a system contains different types of service lines, the order in which the lines are counted affects the price of service. The sequence in which lines are counted or "stacked" for the purpose of price banding is as follows:
 - (1) Basic Service Lines
 - (2) Deluxe Service Lines
 - (3) Electronic Service Lines with One Circuit Switched Voice Channel

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CENTREX 2000 SERVICES

E. CENTREX 2000 TERM PAYMENT PLAN (Continued)

15. Hierarchy of Service Lines (Continued) (T)
- c. When a system contains different types of service lines ... (Continued)
- (4) Electronic Service Lines with One Circuit Switched Data Channel (T)
- (5) Electronic Service Lines with Two Circuit Switched Voice Channel (T)
- (6) Electronic Service Lines with One Circuit Switched Voice Channel and One Circuit Switched Data Channel (T)
- (7) Electronic Service Lines with Two Circuit Switched Data Channels (T)
- d. The hierarchy in c. preceding is applied on an order by order basis. New lines are added at the top of the "stack" regardless of their priority in relation to previously installed lines. Lines are removed from the system on a "last-in-first-out" basis so that the line of the proper type that is closest to the top of the "stack" is removed first.
- e. When removing a line causes a realignment of the other lines within the volume bands, the realignment will be done at the end of the billing period. Fractional billing will be provided on lines added or deleted during the billing period.

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CENTREX 2000 SERVICES

F. RATES AND CHARGES

1. Centrex 2000 Service Lines and Features

a. Individual Service Lines

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, CTPP Option</u>				<u>USOC</u>
			<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>60 Months</u>	
Basic Service Lines							1NFSX
First 10 Lines	49.75	44.49 (I)	45.99	43.99	41.99	37.99	
Next 10 Lines	49.75	45.99	44.99	42.99	40.99	37.49	
Next 80 Lines	49.75	35.99	34.99	32.99	30.99	28.99	
Next 200 Lines	49.75	35.49	34.49	32.49	30.49	28.99	
Over 300 Lines	49.75	34.99	33.99	31.99	29.99	28.99	
Deluxe Service Lines							1NFTX
First 10 Lines	49.75	50.49 (I)	47.99	45.99	43.99	39.99	
Next 10 Lines	49.75	47.99	46.99	45.99	43.99	38.99	
Next 80 Lines	49.75	37.99	36.99	35.99	34.99	28.99	
Next 200 Lines	49.75	37.49	36.49	35.49	34.49	28.99	
Over 300 Lines	49.75	36.99	35.99	34.99	33.99	28.99	
Electronic Service Lines							
Single B Channel configured for:							
Circuit Switched Voice or							1CNGX
Circuit Switched Data							1CNHX
First 10 Lines	0.00	72.50	72.00	71.50	71.00	70.50	
Next 10 Lines	0.00	72.00	71.50	71.00	70.50	70.00	
Next 80 Lines	0.00	71.50	71.00	70.50	70.00	69.50	
Next 200 Lines	0.00	71.00	70.50	70.00	69.50	69.00	
Over 300 Lines	0.00	70.50	70.00	69.50	69.00	68.50	
64 kbps Packet Switched Data	0.00	200.00	200.00	200.00	200.00	200.00	1CNJX

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CENTREX 2000 SERVICES

F. RATES AND CHARGES (Continued)

1. Centrex 2000 Service Lines and Features

a. Individual Service Lines

	<u>Monthly Rate, CTPP Option</u>			<u>USOC</u>
	<u>12</u> <u>Months</u>	<u>36</u> <u>Months</u>	<u>60</u> <u>Months</u>	
Basic Service Lines				1NFSX
First 100 Lines	\$ 22.81*	\$ 20.74*	\$ 18.67*	
Next 200 Lines	22.30*	20.22*	18.15*	
Next 450 Lines	21.26*	18.67*	16.59*	
Over 750 Lines	20.22*	17.63*	15.56*	
Deluxe Service Lines				1NFTX
First 100 Lines	\$ 24.37*	\$ 22.81*	\$ 20.22*	
Next 200 Lines	23.85*	22.30*	19.70*	
Next 450 Lines	23.33*	20.74*	18.67*	
Over 750 Lines	22.81*	19.70*	17.63*	
Electronic Service Lines				
Single B Channel configured for:				
Circuit Switched Voice				1CNGX
First 100 Lines	\$ 33.18*	\$ 29.04*	\$ 25.41*	
Next 200 Lines	31.11*	28.00*	24.89*	
Next 450 Lines	30.07*	25.93*	23.33*	
Over 450 Lines	29.04*	23.85*	21.78*	
Circuit Switched Data				1CNHX
First 100 Lines	\$ 53.41*	\$ 50.19*	\$ 44.90*	
Next 200 Lines	51.23*	45.94*	41.69*	
Next 450 Lines	49.15*	41.69*	37.44*	
Over 750 Lines	47.03*	38.52*	34.22*	

* Applies only to CTPP lines in place as of January 25, 1999. This rate may not be renewed.

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CENTREX 2000 SERVICES

F. RATES AND CHARGES (Continued)

1. Centrex 2000 Service Lines and Features (Continued)

a. Individual Service Lines (Continued)

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, CTPP Option</u>				<u>USOC</u>	
			<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>60 Months</u>		
Electronic Service Lines (Continued)								
Two B Channels configured for:								
Any combination of Circuit Switched Voice and/or Circuit Switched Data							1CNKX 1CNLX	
First 10 Lines	\$ 0.00	\$ 95.00	\$ 94.50	\$ 94.00	\$ 93.50	\$ 93.00		(N)
Next 10 Lines	0.00	94.50	94.00	93.50	93.00	92.50		
Next 80 Lines	0.00	94.00	93.50	93.00	92.50	92.00		
Next 200 Lines	0.00	93.50	93.00	92.50	92.00	91.50		
Over 300 Lines	0.00	93.00	92.50	92.00	91.50	91.00		(N)
Stand alone 9.6 kbps Packet Switched Data Line	0.00	40.00	40.00	40.00	40.00	40.00	1CNMX	(N)
		32.67 **		32.67 **	32.67 **			

** Applies only to CTPP lines in place as of January 25, 1999, this rate cannot be renewed.

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CENTREX 2000 SERVICES

F. RATES AND CHARGES (Continued)

1. Centrex 2000 Service Lines and Features (Continued)

a. Individual Service Lines (Continued)

	<u>Monthly Rate, CTPP Option</u>			<u>USOC</u>	
	<u>12</u>	<u>36</u>	<u>60</u>		
	<u>Months</u>	<u>Months</u>	<u>Months</u>		
Electronic Service Lines (Continued)					
Two B Channels configured for: (Continued)					
Circuit Switched Voice and Circuit Switched Data				1CNLX	(T)
First 100 Lines	\$ 52.89*	\$ 45.63*	\$ 40.96*		
Next 200 Lines	50.81*	42.52*	38.37*		
Next 450 Lines	48.74*	40.44*	36.30*		
Over 200 Lines	47.70*	37.33*	34.22*		
Two Circuit Switched Voice Channels				1CNKX	
First 100 Lines	\$ 46.67*	\$ 43.55*	\$ 41.48*		
Next 200 Lines	45.63*	41.48*	39.92*		
Next 450 Lines	43.55*	40.44*	38.37*		
Over 750 Lines	41.48*	38.47*	37.33*		
Two Circuit Switched Data Channels				1CNNX	
First 100 Lines	\$ 83.74*	\$ 78.81*	\$ 70.98*		
Next 200 Lines	80.47*	72.49*	66.16*		
Next 450 Lines	77.31*	66.16*	59.78*		
Over 750 Lines	74.15*	61.39*	54.96*	(T)	

* Applies only to CTPP lines in place as of January 25, 1999. This rate may not be renewed.

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Material on this page previously appeared on page 36.

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President, Cincinnati, Ohio

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CENTREX 2000 SERVICES

F. RATES AND CHARGES (Continued)

1. Centrex 2000 Service Lines and Features (Continued)

a. Individual Service Lines (Continued)

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>	
Electronic Service Lines (Continued)				
9.6 kbps Packet Switched Data Channel added to any Electronic Service Line	\$ 6.74	\$ 9.00	LTQ4X	(I)

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CENTREX 2000 SERVICES

F. RATES AND CHARGES (Continued)

1. Centrex 2000 Service Lines and Features (Continued)

b. Service Line Restrictions

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Incoming Restricted, Outgoing Restricted, Fully Restricted, or Fully Restricted-Denied Dial Tone (Note)	\$ 6.74 (I)	NC	ERSFN ERSFO ERSFC ERSDC

Note: The initial charge applies only when the restriction level on an existing service line is changed.

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CENTREX 2000 SERVICES

F. RATES AND CHARGES (Continued)

1. Centrex 2000 Service Lines and Features (Continued)

c. Centrex 2000 Optional Service Line Features

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Optional Features for Basic and Deluxe Service Lines:			
Anywhere Call Forwarding (Deluxe only)	6.50	3.00	HRM3X
AreaWide Centrex, per Centrex System	75.00	---	AWYPS
per line	---	4.00	AWY
Hunting Service	6.74	10.00 (I)	RHY, RHZ
Toll Restriction	6.74	0.26	ETB
Uniform Call Distribution	6.74	0.52	AHB
Call Waiting – Terminating	6.00	1.25	ESXNC
Calling Name and Number	6.50	9.00 (I)	NXM
Take Two Service	20.00	n/a	WZCR6
Optional Features for Electronic Service Lines:			
Anywhere Call Forwarding	6.50	3.00	HRM3X
AreaWide Centrex, per Centrex System	75.00	---	AWYPS
per line	----	4.00	AWY
Call Restriction Levels	6.74	2.59	ALA
Circuit Switched Data Hunting	6.74	8.00	ABP
Custom Set Configuration	25.93	NC	NYE
Hunting Service	6.74	10.00 (I)	RHY, RHZ
Secondary Telephone Number	5.19	0.21	DO6
Toll Restriction	6.74	0.26	ETB
Uniform Call Distribution	6.74	0.52	AHB
Call Waiting – Terminating	6.00	1.25	ESXNC
Take Two Service	20.00	n/a	WZCR6
Optional Features for Packet Switched Data Channels:			
Additional Logical Channels, per channel	6.74	1.30	NW9AL
Closed User Group, per group,	6.74	1.04	GXMPG
per member	---	0.78	GXM
Permanent Virtual Circuit	6.74	1.56	GXP
X.25 Hunt Group Member	6.74	1.04	HT5PG
Modem Pooling Access Lines	68.44	32.67	MJ3

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CENTREX 2000 SERVICES

F. RATES AND CHARGES (Continued)

2. Centrex 2000 Attendant Lines and Features (Continued)

a. Centrex 2000 Optional Service Line Feature (Continued)

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>Monthly Rate, CTPP Option</u>				<u>USOC</u>	
			<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>60 Months</u>		
Basic Attendant Line	49.75(I)	47.00	46.00	45.00	44.00	43.00	1NFAX	(D)
Electronic Attendant Line	0.00	72.50	72.00	71.50	71.00	70.50	1CNAX	(D)

(D)

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Ted Heckmann, Assistant Secretary and Managing Director Regulatory Affairs, Cincinnati, Ohio

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CENTREX 2000 SERVICES

F. RATES AND CHARGES (Continued)

2. Centrex 2000 Attendant Lines and Features (Continued)

c. Centrex 2000 Optional Features for Attendant Lines:

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
Basic Attendant Line Optional Features:			
Anywhere Call Forwarding	6.50	3.00	HRM3X
AreaWide Centrex, per Centrex System	75.00	---	AWYPS
per line	---	4.00	AWY
Attendant Call Through Tests	6.74	5.19	SXT
Attendant Control of Facilities	6.74	20.74	E2S
Attendant Power Failure Transfer	6.74	15.56	AP5
Hunting Service	6.74	10.00 (I)	RHY, RHZ
Uniform Call Distribution	6.74	0.52	AHB
Electronic Attendant Line Optional Features:			
Anywhere Call Forwarding	6.50	3.00	HRM3X
AreaWide Centrex, per Centrex System,	75.00	---	AWYPS
per line	---	4.00	AWY
Attendant Busy Verification of Lines/Trunks	6.74	1.04	BUV
Attendant Call Through Tests	6.74	1.04	A7H
Attendant Direct Trunk Group Selection	6.74	1.04	A7D
Attendant Emergency Override	6.74	1.04	A7Z
Attendant Information About Calls on Queue	6.74	1.04	AQH
Attendant Power Failure Transfer	6.74	15.56	A7Y
Attendant Traffic	6.74	1.04	TDF
Attendant Trunk Group Indicator	6.74	1.04	A7N
Custom Set Configuration	25.93	NC	NYE
Hunting Service	6.74	10.00 (I)	RHY, RHZ
Uniform Call Distribution	6.74	0.52	AHB

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CENTREX 2000 SERVICES

F. RATES AND CHARGES (Continued)

3. System Equipment and Features

	<u>Initial Charge</u>	<u>Monthly Rate</u>	<u>USOC</u>
a. Optional System Features:			
Conference Calling - 6 way	NC	64.29 (I)	EQ6
Dial Dictation Access per line	NC	59.32 (I)	RD3
Loud Speaker Paging per line	NC	38.84 (I)	EWJ
Queuing with Delay Announcement	NC	414.80 (I)	QD5PS
Radio Paging Access per line	NC	20.74 (I)	RPF
Trunk Dial Transfer	NC	6.22 (I)	TT6PS
b. Tie Line Terminations:			
Tandem Tie Trunks	103.70 (I)	67.41 (I)	2TH, 2TJ, 2NH ,2NJ, 2PA
Non-Tandem Tie Trunks	103.70 (I)	51.85 (I)	EHZ, EHY, JRY, RXN, 901
Digital Interface (1.544 Mbps)			
per interface	NC	570.35 (I)	M63
per trunk group	103.70 (I)	NC	M63PG
Primary Rate Interface			
per interface	NC	1,037.00 (I)	NTE3X
per trunk group	103.70 (I)	NC	NGTPG
c. WATS Terminations:			
800 Termination	6.74 (I)	NC	TCR
Outgoing WATS Group Termination	6.74 (I)	7.26 (I)	ES2
Two Way WATS Group Termination	6.74 (I)	7.26 (I)	ESU

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CENTREX 2000 SERVICES

F. RATES AND CHARGES (Continued)

4. Exchange Access

The following Exchange Access charge is applied to Centrex 2000 lines:

	<u>Monthly Rate</u>	<u>USOC</u>	
Exchange Access Charge per service line or attendant line (except fully restricted service lines)	\$ 7.26*	RXR, RX2NF RHY, RHYNF RHZ, RHZNF RX3, RX4NF	(C)
Exchange Access Charge for Tie Line Terminators, per trunk group	\$ 28.90	7BN	
* Applies only to CTPP lines in place as of January 25, 1999. This rate may not be renewed.			(C)