

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES**A. Description**

Electronic Tandem Switching (ETS) Features are provided only in association with Centrex Service furnished from No. 1 Electronic Switching System (ESS) central office equipment located on Company premises and may be provided, subject to the availability of facilities, to Centrex Systems which are served by the same such equipment.

ETS Features include:

- Automatic Route Selection - Deluxe (ARS-D)
 - Time of Day (TOD) Routing
- Facilities Restriction Levels (FRL)
 - Authorization Codes
 - Traveling Class Mark (TCM)
Deluxe Queuing
- Station Message Detail Recording to Premises (SMDR-P)

B. Terms and Conditions

1. Certain Electronic Tandem Switching (ETS) Features may be furnished under the Centrex CO Term Payment Plan (CTPP) specified in Part 20. Customers with these features in service prior to April 8, 1983 may subscribe to monthly prices over a 36-month term.

All conditions and regulations applicable to the CTPP are included in Section 2 of this Part, except as specified below:

- ETS feature additions will be at the prevailing Month-to-Month prices, terms and conditions specified elsewhere in this section.
- Upgrades do not apply.
- Only one Transfer Charge applies.

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)**B. Terms and Conditions (cont'd)**

2. Automatic Route Selection Deluxe - Deluxe (ARS-D)

- ARS-D is only furnished in association with Facilities Restriction Levels (FRL).
- Preferred routes and alternate routes in patterns will be specified by the customer.
- A maximum of three ARS-D Pattern Groups with a maximum of sixty-four patterns in each Pattern Group will be provided. The three Pattern Groups referred to will consist of one primary and two additional Pattern Groups for Time of Day (TOD) routing.
- A maximum of ten routes are provided in a pattern.
- Each WATS band is treated as a separate route.
- A maximum of sixty-four Number Plan Areas (including the home NPA) may be designated by the customer for routing of calls by Central Office codes (six digit translation).
- All charges specified for ARS-D are in addition to the charges for the associated facilities and facility terminations.
- A single price "per facility terminated in patterns" will apply regardless of the number of patterns having access to that facility. The monthly price specified is applicable to each facility available to the patterns.
- The charges specified for each code addition or change is applicable whether customer or Company initiated.
- The TOD Routing feature permits up to sixteen programmed changes in Pattern Groups per week. When additional ARS-D patterns are required due to TOD changes, charges specified in the Price List following apply to each additional pattern.
- CCSA access lines (off-net calls) and access lines to other similar arrangements, compatible with ARS-D, may be included as routes in patterns.
- Centrex Toll Diversion and Restriction does not function on calls routed via ARS-D.

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)

B. Terms and Conditions (cont'd)

3. Facilities Restriction Level (FRL)

- FRL is only furnished in association with Automatic Route Selection - Deluxe (ARS-D).
- A maximum of eight Facilities Restriction Levels are available for each Centrex System.
- A maximum of twenty thousand Authorization Codes are available for each Centrex System.
- Authorization Codes must consist of a uniform number of digits, with a minimum of three digits and a maximum of six digits.
- Customer implementation of change of Authorization Codes or associated Facilities Restriction Level requires the Facilities Administration and Control Feature.
- All station lines and incoming Tie Line terminations with access to ARS-D must be equipped with FRL.

4. Deluxe Queuing

- Calls in queue may overflow to subsequent routes or to tone at the customer option.
- Deluxe Queuing is available with facilities appearing as the primary (first choice) route in Automatic Route Selection - Deluxe (ARS-D).
- The text and announcement provided with the Recorded Announcement option will be provided by the Company.
- The Music on Queue option requires a voice grade channel between the central office and the customer-provided music source at the customer premises. This feature is available only with Off-Hook Queue (OHQ).
- Customer must specify the length of time a call is held in queue (threshold time limit) before overflowing to subsequent routes or to overflow tone.
- Incoming Tie Lines can be arranged for OHQ only.
- Centrex Stations can be provided either Ring-back Queue (RBQ) or OHQ. All such stations must be equipped with the same type queuing.
- OHQ must be equipped for either Recorded Announcement or Music on Queue.

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)

B. Terms and Conditions (cont'd)

5. Station Message Detail Recording to Premises (SMDR-P)

- SMDR-P is not represented to be a provision of billing detail.
- Station Message Detail Records will be provided on terminal equipment located at the customer's premises.
- The customer must provide suitable space, environmental conditions, 110 volt AC power, and magnetic tape for the equipment located at his premises.
- Processing of message detail information (SMDR) by the Company is not provided with this arrangement.
- The customer must designate all Primary Stations in a No. 1/1A Electronic Switching System (ESS) customer group and/or selected Facility Group on which SMDR-P originating and terminating records are to be provided.
- Where SMDR-P is provided, a detailed record may be made for each completed call. At the option of the customer, arrangements can be made to provide records of calls attempted as well as calls completed. Under certain exceptional conditions, with SMDR-P, calls may be processed without recording the call detail.
- SMDR-P includes the recording of Account Codes and Authorization Codes where these optional features are provided.
- Account Codes are available with the initial installation of SMDR-P at no additional charge. Account Codes may be installed subsequently at charges specified in the following.

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)**C. Features**

Listed below are Centrex optional features available with ETS subject to certain regulations specified elsewhere in this Section.

1. Optional FeaturesAuthorization Codes

Authorization Codes are a Facilities Restriction Levels (FRL) option which provides for a station user to dial a code which overrides the FRL associated with that Primary Station or incoming Tie Line. The Centrex requests dialing of the authorization code when the default FRL (i.e., the FRL associated with the Primary Station or incoming Tie Line) has insufficient privileges to complete the call. The Authorization Code is also inspected for validity as a security check.

Automatic Route Selection - Deluxe (ARS-D)

ARS-D provides for the origination of only ten digit off-network calls to a public network telephone number, after the Centrex ARS-D access code, (e.g., "8"), automatically scans the digits and selects a first choice completing route when available, or subsequent route if the first choice route is not available. Routes may include Foreign Exchange Trunk Lines, Wide Area Telephone Service lines, exchange lines to the toll network or access lines to CCSA or other arrangements where compatible.

The final completing route may be the toll network or, at the option of the customer, the call attempt is routed to overflow tone if a Facilities Restriction Level (FRL) is insufficient to complete the call.

The ARS-D feature provides all number translation and supervision necessary to route the call. "More Expensive Route" (MER) Tone is supplied, at the option of the customer, as a function of the route selected for a particular call.

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)

C. Features (cont'd)

1. Optional Features (cont'd)

Deluxe Queuing

Deluxe Queuing permits station users to be placed in a queue whenever the first choice route for completing a particular call is already in use. Two queuing arrangements are available:

Ring-Back Queue (RBQ), in which case the calling station goes on-hook and is called back when a facility becomes available.

Off-Hook Queue (OHQ), in which case the calling station remains off hook and is held in queue until a facility becomes available.

Calls held in queue beyond a predetermined time limit will be removed from the queue and be routed, at the option of the customer, via either subsequent route choices or to overflow tone.

Facilities Restriction Levels (FRL)

FRL is required in connection with Automatic Route Selection - Deluxe (ARS-D) and is provided on each station and incoming Tie Line to determine both the types of calls and types of facilities within the privileges of the associated user. When the FRL is transmitted over a Tie Line to a distant PBX or Centrex system equipped with ARS-D (for call screening at the distant point), it is identified as a Traveling Class Mark (TCM).

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)**C. Features (cont'd)**

1. Optional Features (cont'd)

Station Message Detail Recording to Premises (SMDR-P)

SMDR-P provides a record, on magnetic tape equipment located at the customer's premises, of calls originating from Centrex Primary Stations to locations outside the same Centrex System. Facility Groups may also be designated as requiring originating and/or terminating records.

Account Codes are an SMDR-P option which permit a station user to dial a series of digits (a code) which will appear in the SMDR-P record for that particular call. The Account Code can be used by the customer for account or project identification. Adding an Account Code to a call, where arrangements have been made to provide this capability, is at the discretion of the station user. Each customer's Account Code must contain the same number of digits, not to exceed eight, and must not conflict with on-network code assignments.

Time of Day (TOD) Routing

Time of Day (TOD) Routing is an Automatic Route Selection - Deluxe (ARS-D) option which permits preprogrammed selection of alternate routing pattern groups for off-network calls (up to three sets of ARS-D routing pattern groups) on a time-of-day and day-of-week basis. Manual override is available with the Facility Administration and Control feature. The maximum number of programmed changes per week is sixteen.

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)

D. Prices

1. Service Elements

<u>Description /Billing Code/</u>	<u>Nonrecurring Charge</u>
<u>Initial Service Establishment</u>	
Automatic Route Selection - Deluxe (ARS-D)	\$2,980.00
Facilities Restriction Levels (FRL)	4,875.00
Deluxe Queuing	1,440.00
Station Message Detail Recording to Premises (SMDR-P)	2,900.00

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)

D. Prices (cont'd)

1. Service Elements (cont'd)

<u>Description /Billing Code/</u>	<u>Non-recurring Charge</u>	<u>Monthly Price</u>	
		<u>Month to Month</u>	<u>CTPP 36 Months</u>
<u>Automatic Route Selection - Deluxe (ARS-D)</u>			
Common Equipment, per Access Code (per No. 1 ESS) /ASH/	\$1,130.00	\$499.00	\$260.00
Route Selection Patterns			
- per facility terminated in pattern(s) /ASJ/	-	6.30	3.25
- by NPA Code only, per pattern /ASK/	27.00	6.40	3.30
- by NPA and Central Office Codes, per pattern (provides for routing to one NPA and to one or more Central Office Codes within that NPA per pattern) /ASO/	117.00	18.70	9.75
Arrangements for additional pattern groups for Time of Day (TOD) routing, each /ASZ/	240.00	34.00	17.75
ETS-type Tie Line termination, each ^{1/} /ETX/	50.00	60.00	31.25

/1/ An ETS-type Tie Line termination is provided in association with the ETS feature of Automatic Route Selection - Deluxe (ARS-D).

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)

D. Prices (cont'd)

1. Service Elements (cont'd)

<u>Description /Billing Code/</u>	<u>Non-recurring Charge</u>	<u>Monthly Price</u>	
		<u>Month to Month</u>	<u>CTPP 36 Months</u>
<u>Facilities Restriction Levels (FRL)</u>			
Centrex Primary Station or incoming or two-way Tie Line termination, each /FRK00 thru FRK07/	\$ 4.20	\$.35	\$.15
Authorization Codes			
- Common Equipment /AUA/	650.00	507.00	264.00
- Authorization Codes, per 100 codes or fraction thereof /AUS/	21.00	8.70	4.50
- per facility terminated in Automatic Route Selection - Deluxe (ARS-D) or Uniform Numbering/Automatic Alternate Routing (UN/AAR) pattern(s), each /AUF/	-	4.40	2.25

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)

D. Prices (cont'd)

1. Service Elements (cont'd)

<u>Description /Billing Code/</u>	<u>Non-recurring Charge</u>	<u>Monthly Price</u>	
		<u>Month to Month</u>	<u>CTPP 36 Months</u>
<u>Deluxe Queuing</u>			
Common Equipment, per No. 1 ESS /QDC/	\$260.00	\$199.00	^{/4/}
Queue, per Facility Group equipped /QDF/	75.00	3.20	^{/4/}
Queue Slots			
- Off-Hook Queue (OHQ) slot with: <i>Recorded Announcement</i> , each ^{/1/} /QDA/ <i>Music</i> , each ^{/2/} /QDM/	-	31.25	^{/4/}
- Ring-Back Queue (RBQ) slots, each /QDR/	-	18.80	^{/4/}
Recorded Announcement Common Equipment, each /QDE/	37.00	116.00	^{/4/}
<u>Music on Queue</u>			
Common Equipment, each ^{/3/} /OTD/	150.00	217.00	^{/4/}

/1/ Requires *Recorded Announcement Common Equipment*.

/2/ Requires *Music on Queue*.

/3/ Requires Type 2001 Private Line Channel, as specified between serving Central Office and the music source on the customer premises.

/4/ Not available

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)

D. Prices (cont'd)

1. Service Elements (cont'd)

<u>Description /Billing Code/</u>	<u>Non-recurring Charge</u>	<u>Monthly Price</u>	
		<u>Month to Month</u>	<u>CTPP 36 Months</u>
<u>Station Message Detail Recording to Premises (SMDR-P)^{/1/}</u>			
<i>Central Office Equipment</i>			
Common Equipment, each ^{/2/} /MDR/	\$300.00	\$1,732.00	\$902.00
Per facility terminated in ARS-D Patterns when the system is equipped for originating records, each ^{/3/} /MDX/	7.00	13.30	6.90
Per Tie Line facility equipped for terminating records, each /MDT/	7.00	1.20	.60

/1/ Premises equipment is required in conjunction with the furnishing of SMDR-P.

/2/ In addition, an appropriate data set and a Series 3000 Type 3002 Local Channel as specified in Part 15 are required.

/3/ Applies to each facility terminated in ARS-D Patterns whether or not an originating record is provided to the customer.

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)

D. Prices (cont'd)

1. Service Elements (cont'd)

<u>Description /Billing Code/</u>	<u>Nonrecurring Charge</u>
Miscellaneous Addition, Deletion and Change Charges	
<u>Automatic Route Selection - Deluxe (ARS-D)</u>	
Additions, deletions or changes of routes, associated Facilities Restriction Levels, or More Expensive Route (MER) tone application in existing pattern, per pattern /RCHAP/	\$27.00
Additions or changes in NPA or Central Office code routing, per code, per pattern group affected /RCHAC/	22.00
Additions, deletions or changes in Time of Day (TOD) routing intervals /RCHAT/	35.50
Addition or deletion of a Facility to an existing route	-
<u>Facilities Restriction Level (FRL)</u>	
Changes in FRL per Station or Tie Line termination, each	1.45
Changes in a single Authorization Code and/or associated FRL where Company service order activity is required, each /RCHFA/	1.45

1. ELECTRONIC TANDEM SWITCHING (ETS) FEATURES (cont'd)

D. Prices (cont'd)

1. Service Elements (cont'd)

<u>Description /Billing Code/</u>	<u>Nonrecurring Charge</u>
Miscellaneous Addition, Deletion and Change Charges (cont'd)	
<u>Deluxe Queuing</u>	
Change from Ring-Back Queue to Off-Hook Queue, or vice versa, per queue /RCHQ1/	\$31.50
Change in the quantity of queue slots, per queue /RCHQ2/	31.50
Change in queue threshold time limit, per queue /RCHQ3/	31.50
Change in Recorded Announcement /RCHQ4/	31.50
Change in post-queue routing from subsequent routes to tone or vice versa, per queue /RCHQ5/	31.50
<u>Station Message Detail Recording to Premises (SMDR-P)</u>	
Account Codes - change in number of Account Code digits, per system /RCHMA/	24.00
SMDR-P records - change from recording completed calls only to all calls attempted or vice versa, per system /RCHMC/	24.00
Change in status of all Primary Stations in a No. 1/1A ESS customer group or individual facility from "records-not-required" to "records-required" /RCHMF/	4.00

2. CENTREX PREMISES EQUIPMENT DETAIL SERVICE (CPEDS)

A. Description

Centrex Premises Equipment Detail Service (CPEDS) provides Centrex customers with specific equipment inventory information from Company records.

B. Prices

Each customer will pay one record order service charge per five stations.

1. Service Elements

Description	<u>Service Charge</u>
<u>Record Order Service Charge</u>	
- per five Centrex Stations	\$17.00

3. ELECTRONIC SWITCHING SYSTEM (ESS) OPTIONAL FEATURES**A. Features**

1. Optional Features

Advanced Private Line Termination (APLT)

Advanced Private Line Termination is a Centrex optional feature, available where facilities permit, which can be used to terminate all Dial Tie Lines (tandem and non-tandem), Common Control Switching Arrangement (CCSA) Access Lines, Enhanced Private Switched Communication Service (EPSCS) Access Lines, Electronic Tandem Switching (ETS) Tie Trunks, and Other Common Carrier (OCC) Private Communication Systems to the Centrex switching equipment. Capabilities of the Centrex Associated Facilities and/or ESS Optional features may be permitted on Private Line calls.

Attendant Camp-On

Attendant Camp-on is a Centrex optional feature, available where facilities permit, provided with attendant console positions. With the Attendant Camp-on feature, an incoming Listed Directory Number, Common Control Switching Arrangement (CCSA), Inward Wide Area Telecommunications Service (INWATS), Tie Trunk, or Foreign Exchange (FX) Trunk attendant call, which the attendant attempts to complete to a busy station, is held waiting until the called station becomes available. The busy station receives indication by an audible burst of tone that an incoming call is camped-on.

3. ELECTRONIC SWITCHING SYSTEM (ESS) OPTIONAL FEATURES (cont'd)**A. Features (cont'd)**

1. Optional Features (cont'd)

Attendant Control Of Trunk Group Access

Attendant Control of Trunk Group Access is a Centrex attendant console position optional service arrangement, available where facilities permit, that allows the system attendant to restrict the dial access of all Primary Stations to certain Centrex trunk groups and special services, including those services provided by Other Common Carriers (O.C.C.), associated with that Centrex system. When such restriction is in effect, attempted outward dialed calls may be routed to the attendant for possible subsequent completion, to a recorded announcement, or to an intercept tone trunk.

Automatic Callback

Automatic Callback permits a Primary Station user who attempts an inter-communication call to a busy Primary Station to be automatically connected to that station when both called and calling stations are subsequently idle. Automatic Callback is only operational for intercommunication calls between Primary Stations served by the same ESS customer group.

A calling Primary Station is permitted only one Automatic Callback request at a time. The called Primary Station is limited to only one request at a time for Automatic Callback. Once requested, Automatic Callback will remain active for a period not to exceed thirty minutes unless deactivated by the calling Primary Station.

Call Forwarding - Don't Answer (Ringing Cycle Changes)

At the time a Primary Station is initially equipped for the Centrex feature *Call Forwarding - Don't Answer*, it is arranged for a predetermined number of ringing cycles to be completed prior to the incoming call being forwarded. When a change in the number of ringing cycles is requested by the customer, a charge will apply.

3. ELECTRONIC SWITCHING SYSTEM (ESS) OPTIONAL FEATURES (cont'd)**A. Features (cont'd)**

1. Optional Features (cont'd)

Call Waiting Feature

Call Waiting Feature is a Centrex optional feature, available where facilities permit, that allows busy stations to be informed, by a burst of tone, that another call is waiting. This is an individual Centrex Primary Station feature with three options:

Call Waiting Terminating (CWT) allows a busy Centrex station to hear Call Waiting tones on incoming Direct Inward Dialing (DID) calls and on Common Control Switching Arrangement (CCSA) calls only.

Call Waiting All Calls (CWA) (also referred to as Call Waiting Intragroup) provides, in addition to the above for CWT, Call Waiting tones on incoming station-to-station, Tie Trunk and Attendant Calls. When a Centrex system is programmed for CWA, the CWT is not available.

Call Waiting Originating (CWO) allows an originating Centrex station to send Call Waiting tones on any Centrex station-to-station call. This feature can be offered with either CWT or CWA.

Datapath Line

Datapath Line is available only where Company facilities have been arranged for its provision and may be provided, subject to the availability of such facilities, to services which are furnished by the same such equipment.

Datapath Line is a high speed digital data feature designed for direct circuit-switched digital data capabilities over a 2-wire facility within the same customer group. Datapath Line will allow the transmission of data at up to 56 Kbps over a range of mixed gauge, non-loaded loops and through bridge taps up to approximately 2.5 miles, with a compatible customer-provided data unit. The Datapath Line tolerates a total loop loss, including bridge taps, of 45dB at 80KHz.^{/1/}

/1/ If a customer requests service beyond this distance, Datapath will be provided only where facility conditions permit, subject to additional charges based on the costs incurred.

3. ELECTRONIC SWITCHING SYSTEM (ESS) OPTIONAL FEATURES (cont'd)

A. Features (cont'd)

1. Optional Features (cont'd)

Distinctive Ringing and Call Waiting Tone

Distinctive Ringing and Call Waiting Tone are furnished in different classes which permit Primary Station users to identify the source of calls. These two classes identify:

<u>Class</u>	<u>Call Source</u>
A	Intercommunication
B	Direct inward dialed local and toll Attendant completed CCSA Access Line Tie Line

Distinctive ringing is furnished to indicate the source of calls to idle Primary Stations. Distinctive tone is furnished to indicate the source of calls to busy Primary Stations equipped for Call Waiting optional service features.

A distinctive ringing/tone is furnished to each class and is used to identify all call sources within each class.

Class A ringing/tone is not furnished separately and is included at no additional charge to Primary Stations arranged for Class B ringing/tone.

3. ELECTRONIC SWITCHING SYSTEM (ESS) OPTIONAL FEATURES (cont'd)

A. Features (cont'd)

1. Optional Features (cont'd)

Message Service

Message Service is available only where Company facilities have been arranged for its provision and may be provided, subject to the availability of such facilities, to services which are furnished by the same such equipment.

Message Service allows the formation of a group of one or more attendants designated to take messages for a number of lines. Alternatively, other lines can queue requests on a line and indicate that a call back is requested by dialing a feature code. Message waiting indications can either be with lamp indication or special dial tone on the line. Message Service is provided as follows:

Attendant Message Waiting provides an arrangement which allows customer-provided attendant consoles to be used as the message center for a number of users to receive and record messages for calls forwarded to the message center, to convey messages to called lines on request, and to activate/deactivate message waiting for the user.

Business Set Message Waiting provides a message indicator arrangement to customer-provided business sets for indicating to a user that a message is waiting. Additionally, this feature will allow a line to dial the call request activate feature code to initiate message waiting against another line.

3. ELECTRONIC SWITCHING SYSTEM (ESS) OPTIONAL FEATURES (cont'd)

A. Features (cont'd)

1. Optional Features (cont'd)

Reminder Ring

Reminder Ring provides for a distinctive ringing signal to be furnished to a Call Forwarding-Variable or Call Forwarding Over Private Facilities equipped Primary Station at the time a call is forwarded.

3. ELECTRONIC SWITCHING SYSTEM (ESS) OPTIONAL FEATURES (cont'd)

B. Prices

1. Service Elements

<u>Description /Billing Code/</u>	<u>Nonrecurring Charge</u>	<u>Monthly Price</u>
<u>Advanced Private Line Termination (APLT)</u>		
- Initial Service Establishment	\$259.00	-
- Advanced Private Line Termination, each /PLS/	94.00	\$159.00
<u>Attendant Camp-On</u>		
- per Console /COA++/	130.00	11.50
<u>Attendant Control of Trunk Group Access</u>		
- per group of Centrex Primary Stations to which access is denied ^{/1/} /CFU/CFC/	15.80	12.20
<u>Automatic Callback</u>		
- Initial Service Establishment	440.00	-
- Common Equipment, per system /ACY/	60.00	6.00
- Per Primary Station equipped /SAK/	2.00	1.20
<u>Call Forwarding - Don't Answer (Ringing Cycle Changes)</u>		
- Per Primary Station changed	3.00	-

/1/ Requires Type 1011 or 1012 Private Line Channel between serving Central Office and customer premises.

3. ELECTRONIC SWITCHING SYSTEM (ESS) OPTIONAL FEATURES (cont'd)

B. Prices (cont'd)

1. Service Elements (cont'd)

<u>Description /Billing Code/</u>	<u>Nonrecurring Charge</u>	<u>Monthly Price</u>
<u>Call Waiting</u>		
- Call Waiting All Calls, per Primary Station /E6N/	/1/	/1/
- Call Waiting Terminating, per Primary Station /E6C/	/1/	/1/
- Call Waiting Originating, per Primary Station /ESZ/	\$27.35	\$1.55
<u>Distinctive Ringing and Call Waiting Tone</u>		
- Initial Service Establishment	100.00	-
- Common Equipment for Class B ringing/tone, per system /DRR/	6.00	6.00
- Class B ringing/tone, per Primary Station equipped /BRT/	2.00	1.80

/1/ See Part 7, Section 1 of the Guidebook for applicable charges.

(T)

3. ELECTRONIC SWITCHING SYSTEM (ESS) OPTIONAL FEATURES (cont'd)

B. Prices (cont'd)

1. Service Elements (cont'd)

<u>Description /Billing Code/</u>	<u>Nonrecurring Charge</u>	<u>Monthly Price</u>
<u>Reminder Ring</u>		
- Addition of Reminder Ring subsequent to the initial installation of Call Forwarding-Variable or Call Forwarding Over Private Facilities, per Primary Station	\$3.00	-

3. ELECTRONIC SWITCHING SYSTEM (ESS) OPTIONAL FEATURES (cont'd)

B. Prices (cont'd)

1. Service Elements (cont'd)

Description /Billing Code/	NRC	Monthly Payment <i>Term Payment Plans</i>					
		1 Month	24 Months	36 Months	48 Months	60 Months	84 Months
<u>Datapath Line^{/1/}</u>							
- Initial Service Establishment, per system	\$2,000.00	-	-	-	-	-	-
- per line equipped	34.00	-	-	-	-	-	-
- each /RDDX2/	-	\$37.00	\$29.00	\$27.00	\$25.00	\$23.00	\$21.00

/1/ If a customer requests service beyond a distance tolerating a loop loss of 45 dB at 80 KHz, Datapath will be provided only where facility conditions permit, subject to additional charges based on the costs incurred.

3. ELECTRONIC SWITCHING SYSTEM (ESS) OPTIONAL FEATURES (cont'd)

B. Prices (cont'd)

1. Service Elements (cont'd)

Description /Billing Code/	NRC	Monthly Payment <i>Term Payment Plans</i>					
		1 Month	24 Months	36 Months	48 Months	60 Months	84 Months
<u>Message Service</u>							
- Initial Service Establishment, per system	\$350.00	-	-	-	-	-	-
- Common Equipment, per line equipped ^{/1/}	8.50	-	-	-	-	-	-

/1/ This charge also applies when a line equipped with Message Waiting Tone arrangement is changed to Message Waiting Lamp Arrangement, and vice-versa.

4. ELECTRONIC KEY LINE SERVICE ACCESS^{/1/}**A. Description**

Electronic Key Line Service Access is provided only in association with Advanced Centrex Service, subject to technical limitations, availability of facilities, and compatibility of serving digital central office technology.

Electronic Key Line Service Access provides modification of a line to furnish a single, two-wire, non-loaded subscriber loop for access by pre-programmed pushbutton features on compatible customer-provided electronic telephone sets. This service includes Company standard set configurations. In addition, this service provides the ability for the customer-provided electronic telephone set to have appearances of other lines which are terminated on other telephones at the same premises. Electronic Key Line Service Access provided beyond 2.3 miles from the customer's serving wire center requires Extended Loop Facility at charges stated elsewhere in this section.

B. Terms and Conditions

1. Term Payment Plan as stated in Advanced Centrex Service applies except as follows:
 - A nonrecurring charge (see *Prices*) applies when a customer subscribing to Electronic Business Set Access upgrades to Electronic Key Line Service Access. The monthly price for Electronic Key Line Service Access will be the applicable price for the same payment period as the customer's current TPP contract.

/1/ Effective June 30, 1993, this service is Grandfathered for customers served by 5E digital central offices.

4. ELECTRONIC KEY LINE SERVICE ACCESS (cont'd)**C. Features**

1. Optional Features

The following optional features require Electronic Key Line Service Access or Electronic Telephone Set Access.

Calling Name Display

Provides the electronic telephone set user with compatible customer-provided equipment a visual feedback concerning the calling name. This feature only displays intra-group calling names.

Camp-On

Provides the electronic telephone set user the ability, when transferring a call, to place the calling party on hold until the called party is free. If the called party does not answer the waiting call, then the electronic telephone set user that extended the call is automatically recalled by the calling party.

Direct Station Selection/Busy Lamp Field

Allows an electronic telephone set user to monitor station status of a directory number through the use of lamp states on the customer-provided electronic telephone set. It also provides direct dialing to a monitored directory number by means of a feature key on the customer-provided electronic telephone set.

Executive Message Waiting

Allows the end user to leave and retrieve messages at a customer-provided electronic telephone set with display.

Inspect

Provides a user, using a customer-provided electronic telephone set with display capabilities, easy key access to important information about both the set's assigned features and incoming calls. The automatic mode provides pertinent call information upon call arrival at both idle and non-idle sets without depressing a key.

Uniform Call Distribution

Allows an electronic telephone set user to log into a Uniform Call Distribution (UCD) group. The feature provides the convenience of logging into the UCD group by pressing a single key. The user can login to only one UCD group at a time.

4. ELECTRONIC KEY LINE SERVICE ACCESS (cont'd)**C. Features (cont'd)**

1. Optional Features (cont'd)

The following optional services require Electronic Key Line Service Access or Electronic Business Set Access.

Extended Loop Facility

Required when Electronic Key Line Service Access is extended beyond the standard 2.3 miles or Electronic Business Set Access is extended beyond 2.5 miles.

Multiple Call Appearance

Provides additional appearances of a station's own directory or secondary directory number on the same instrument. These appearances may provide additional access from the public network, and/or may originate unique dial tone for additional outgoing access. When an additional appearance is necessary for the proper operation of Electronic Key Line Service, one call appearance of the primary directory number is included in basic Electronic Key Line Service Access.

Multiple Call Arrangement

Provides for additional line appearances configured with the ability to receive multiple calls simultaneously and/or originate multiple calls simultaneously on the same directory number.

Secondary Directory Number

Provides an additional directory number which is not physically terminated, but exists in the programming of Electronic Key Line Service. The additional directory number, while not terminated on a dedicated facility, may be accessed from the network, and may originate unique outgoing dial tone from an instrument that has another directory number as its primary number.

Single Line Extension

Provides a single line extension of a primary directory number associated with an Electronic Key Line Service Access or Electronic Business Set Access line.

4. ELECTRONIC KEY LINE SERVICE ACCESS (cont'd)

D. Prices

The following charges are in addition to other charges to provide telephone service.

1. Service Elements

Description <u>/Billing Code/</u>	Non- recurring <u>Charge</u>	Monthly Payment <i>Term Payment Plans</i>					
		<u>1 Month</u>	<u>12 Months</u>	<u>24 Months</u>	<u>36 Months</u>	<u>60 Months</u>	<u>84 Months</u>
<u>Electronic Key Line Service Access</u>							
- per access line	\$ 5.00	-	-	-	-	-	-
- per access line equipped /ETJ/	50.00	\$4.25	\$4.00	\$3.50	\$2.75	\$2.40	\$2.25
<u>Subsequent Change Charges</u> ^{/1/}							
- per line appearance or feature activated, added to a button, or modified, per line /REAFM/	2.50	-	-	-	-	-	-
- five or more line appearances or features activated, added to a button, or modified per line, per occasion /REAFN/	10.00	-	-	-	-	-	-

/1/ The Advanced Centrex Service nonrecurring charges for Changes in Centrex Features and Activation or Deactivation of Optional Station Features do not apply.

4. ELECTRONIC KEY LINE SERVICE ACCESS (cont'd)

D. Prices (cont'd)

The following charges are in addition to other charges to provide telephone service and are provided on a per Electronic Key Line Service Access or Electronic Business Set Access basis.

Subsequent Change Charges as stated under Electronic Key Line Service Access or Electronic Business Set Access apply to the following features.

1. Service Elements (cont'd)

Description <u>/Billing Code/</u>	Non- recurring <u>Charge</u>	1 <u>Month</u>	<u>Monthly Payment</u> <u>Term Payment Plans</u>		
			36 <u>Months</u>	60 <u>Months</u>	84 <u>Months</u>
<u>Electronic Key Line Service Access</u>					
<i>Optional Features</i>					
Calling Names Display <u>/NDFPK/</u>	\$ 2.00	\$.50	\$.40	\$.35	\$.30
Camp-On <u>/CPKPK/</u>	5.00	5.00	4.00	3.50	3.00
Direct Station Selection/Busy Lamp Field <u>/BUDPK/</u>	10.00	6.00	5.50	5.00	4.50
Executive Message Waiting <u>/EMVPK/</u>	30.00	12.50	12.25	12.00	11.75
Inspect <u>/NP6PK/</u>	2.00	.50	.40	.35	.30
Uniform Call Distribution ^{1/} <u>/UGPPK/</u>	15.00	6.50	6.00	5.50	5.00

^{1/} In addition, requires appropriate UCD features at charges stated in the *Advanced Centrex Service* section.

4. ELECTRONIC KEY LINE SERVICE ACCESS (cont'd)

D. Prices (cont'd)

The following charges are in addition to other charges to provide telephone service.

1. Service Elements (cont'd)

<u>Description /Billing Code/</u>	<u>Non-recurring Charge</u>	<u>1 Month</u>	<u>Monthly Payment Term Payment Plans</u>		
			<u>36 Months</u>	<u>60 Months</u>	<u>84 Months</u>
<u>Electronic Key Line Service Access (cont'd)</u>					
<i>Optional Services</i>					
Extended Loop Facility, per Electronic Key Line Service Access or Electronic Business Set Access					
- per location /LOV/	-	\$22.50	\$20.00	\$18.00	\$16.00
- per initial access line	\$45.00	-	-	-	-
- per subsequent access line	20.00	-	-	-	-
Multiple Call Appearance, each ^{/1/2/} /MGA/	1.50	.10	.10	.10	.10
Multiple Call Arrangement, each ^{/1/2/} /MG8/	1.50	.10	.10	.10	.10

/1/ Exchange Access applies.

/2/ Subsequent Change Charges apply after initial installation.

4. ELECTRONIC KEY LINE SERVICE ACCESS (cont'd)

D. Prices (cont'd)

The following charges are in addition to other charges to provide telephone service.

1. Service Elements (cont'd)

<u>Description /Billing Code/</u>	<u>Non-recurring Charge</u>	<u>1 Month</u>	<u>Monthly Payment Term Payment Plans</u>		
			<u>36 Months</u>	<u>60 Months</u>	<u>84 Months</u>
<u>Electronic Key Line Service Access (cont'd)</u>					
<i>Optional Services (cont'd)</i>					
Secondary Directory Number, each ^{/1/2/} /SS2/	\$ 2.00	\$.50	\$.50	\$.50	\$.50
Single Line Extension, per extension /25S/	20.00	11.00	10.00	9.50	9.00

/1/ Exchange Access applies.

/2/ Centrex Station Number Changes charge as stated in Advanced Centrex Service applies.