

## **TARIFF DISTRIBUTION**

FILE PACKAGE NO.: NC-19-0054

DATE: October 14, 2019

STATE: NORTH CAROLINA

EFFECTIVE DATE: 10/14/2019

TYPE OF DISTRIBUTION: Approved

PURPOSE: A112 Language Cleanup 1-100

<b><u>TARIFF SECTION</u></b>	<b><u>PAGE NUMBER</u></b>	<b><u>PAGE REVISION</u></b>
G112	1	0001
G112	1.1	0001
G112	1.2	0001
G112	1.3	0001
G112	1.4	0001
G112	2	0001
G112	5	0001
G112	6	0001
G112	8	0001
G112	30	0001
G112	33	0002
G112	34	0001
G112	35	0001
G112	36	0001
G112	37	0001
G112	38	0001
G112	39	0001
G112	40	0001
G112	41	0001
G112	42	0001
G112	43	0001
G112	44	0001
G112	45	0001
G112	46	0001
G112	47	0001
G112	48	0001
G112	49	0001
G112	50	0001
G112	51	0001
G112	52	0001
G112	53	0001

G112	54	0001
G112	55	0001
G112	56	0001
G112	57	0001
G112	57.1	0001
G112	57.2	0001
G112	58	0001
G112	59	0001
G112	60	0001
G112	61	0001
G112	62	0001
G112	63	0001
G112	64	0001
G112	65	0001
G112	66	0001
G112	67	0001
G112	68	0001
G112	69	0001
G112	70	0001
G112	71	0001
G112	72	0001
G112	73	0001
G112	74	0001
G112	75	0001
G112	76	0001
G112	77	0001
G112	78	0001
G112	79	0001
G112	80	0001
G112	81	0001
G112	82	0001
G112	83	0001
G112	84	0001
G112	85	0001
G112	86	0001
G112	87	0001
G112	88	0001
G112	89	0002
G112	90	0001
G112	91	0001
G112	92	0001
G112	93	0001
G112	94	0001
G112	95	0001
G112	96	0001
G112	97	0001

G112	98	0001
G112	99	0001
G112	100	0001
G112 Cont. (pg)	1	0001

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### CONTENTS

<b>A112.1 ESSX Service</b>	1
A112.1.1 Reserved for Future Use	1
A112.1.2 Reserved for Future Use	1
A112.1.3 Reserved for Future Use	1
A112.1.4 Reserved for Future Use	1
A112.1.5 Reserved for Future Use	1
A112.1.6 Reserved for Future Use	1
A112.1.7 Reserved for Future Use	1
A112.1.8 Reserved for Future Use	1
A112.1.9 Reserved for Future Use	1
A112.1.10 Reserved for Future Use	1
A112.1.11 Reserved for Future Use	1
A112.1.12 Optional Service Features	1
<b>A112.2 Digital ESSX Service - Vintage 2 Feature - Simplified Message Desk Interface (SMDI)</b>	1.3
A112.2.1 General	1.3
A112.2.2 Rates and Charges	1.3
<b>A112.3 Customized Dialing Package (CDP)</b>	2
A112.3.1 General	2
A112.3.2 Service Description	3
A112.3.3 Rates and Charges	5
<b>A112.4 (DELETED)</b>	8
<b>A112.5 Direct-In-Dialing (DID) to Customer-Premises Located Switching Systems</b>	31
A112.5.1 General	31
A112.5.2 Rates	32
<b>A112.6 (DELETED)</b>	32
<b>A112.7 Reserved for Future Use</b>	33
<b>A112.8 ESSX-1 Service</b>	33
A112.8.1 General	33
A112.8.2 ESSX-1 Payment Schedules	49
A112.8.3 ESSX-1 Minimum Monthly Charges	50
A112.8.4 Reserved For Future Use	50
A112.8.5 Distance and/or Mileage Charges	51
A112.8.6 Classification of Basic ESSX-1 Service	53
A112.8.7 Rates	53
A112.8.8 Auxiliary Services	57
<b>A112.9 Electronic Tandem Switching Features</b>	95
A112.9.1 General	96
A112.9.2 <i>Terms and Conditions</i>	96
A112.9.3 Rates	101

**Contents pages 1.1 is hereby deleted in its entirety and removed from this Guidebook**

(N)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.1 ESSX® Service

#### A112.1.1 Reserved for Future Use

#### A112.1.2 Reserved for Future Use

#### A112.1.3 Reserved for Future Use

#### A112.1.4 Reserved for Future Use

#### A112.1.5 Reserved for Future Use

#### A112.1.6 Reserved for Future Use

#### A112.1.7 Reserved for Future Use

#### A112.1.8 Reserved for Future Use

#### A112.1.9 Reserved for Future Use

#### A112.1.10 Reserved for Future Use

#### A112.1.11 Reserved for Future Use

#### A112.1.12 Optional Service Features

##### A. Station Message Detail Recording - Premises

(Obsoleted February 3, 1993, Type 4) Not available for new subscribers to this feature. Subsequent additions, deletions, and/or rearrangements to an existing system are permitted, subject to the capacity of the central office from which it is provided. Additionally, obsoleted SMDR-P may be provided on a new ESSX® service system added by a customer who already subscribes to SMDR-P on other ESSX® service systems. Existing customers paying obsoleted rates and charges will have the option of moving to the new restructured Station Message Detail Recording (SMDR) feature located in Section A112. and the new Station Message Detail - Premises functions located in Section A32. or continuing with the terms and conditions of the obsoleted Station Message Detail Recording - Premises feature as outlined following.

(T)

###### 1. General

a. Station Message Detail Recording - Premises (SMDR-P) is an arrangement to provide a record, by main station line number, of originating traffic routing over local lines, tie lines, WATS, Interexchange Carrier access lines and/or the toll network.

(T)

b. The station message detail will include the calling main station line number, the called number, connect time and date, call duration, facility used, disconnect time, digits out-pulsed by switch, and end of dialing. SMDR-P data provided to customers using the ETS feature will include incoming facility identification, outgoing facility used, midnight passed, prefix digits, interLATA carrier, ARS, ARS-D, or ARS-B pattern group, and call event code where these features are *available*.

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.1 ESSX® Service (Cont'd)

#### A112.1.12 Optional Service Features (Cont'd)

##### A. Station Message Detail Recording - Premises (Cont'd)

1. General (Cont'd)
  - c. Station Message Detail Recording - Premises (SMDR-P) is designed for either an ETS or non-ETS ESSX® service customer.
  - d. The SMDR-P data may be delivered as Dial-In/Dial-Out, asynchronous or synchronous, or Direct Output. In Dial-In/Dial-Out asynchronous, the data may be delivered to a customer's collection device via DDD facilities or an ESSX® service main station line. The delivery can be initiated by a customer call or can be initiated by the application processor software as specified by the customer. In Dial-In/Dial-Out synchronous, the data may be delivered to a customer's collection device over DDD facilities or an ESSX® service main station line. The two methods of delivery are Direct File Transfer and Remote Job Entry. Direct Output is similar to Dial-In/Dial-Out in delivery modes. The Direct Output requires a dedicated port on the application processor and a dedicated modem. Also, a two or four wire facility will be required.
  - e. The SMDR-P data provided will be delivered to the customer as raw data.
  - f. It should be noted that this feature was shown as part of the ETS A112.27.3.D. which has been deleted.

2. **Terms and Conditions**

- a. The Station Message Detail Recording - Premises (SMDR-P) may be offered on ESSX® service main station lines of customers where facilities and technology permit.
- b. Customer provided premises equipment is required. Channel charges specified in the Private Line **Guidebook** for a Voice Grade Local Channel also apply.
- c. Station message detail will be provided through the use of telephone central office equipment that will interface with the appropriate type line connections as specified by the customer.
- d. During collection or distribution of the customer's SMDR-P data, if data is destroyed, the Company shall not be liable, directly or indirectly, for damages, unless caused by the negligence of the Company in failing to maintain reasonable standards of maintenance and inspection and to exercise reasonable supervision.
- e. A customer whose SMDR-P service is provided under the rates, **terms, and conditions** found in Section A112. may continue with the terms and conditions of the obsoleted Station Message Detail Recording - Premises feature at the current rates subject to the following conditions:

No credit will be given for payments made during the formally selected period.

Nonrecurring charges will not be reapplied.

The new payment period begins with the billing date following the date the new payment is requested.

No termination charge applies for the former payment period.

A Secondary Service Charge will apply.

(T)

(T)

(T)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.1 ESSX® Service (Cont'd)

#### A112.1.12 Optional Service Features (Cont'd)

##### A. Station Message Detail Recording - Premises (Cont'd)

###### 3. Conversion

Customers subscribing to the obsoleted Station Message Detail Recording - Premises (SMDR-P) feature rates and charges out of this section may convert to the new restructured Station Message Detail Recording (SMDR) feature in Section A112, and new Station Message Detail - Premises function in Section A32, without applicable nonrecurring charges, provided the following conditions are met: (T)

- a. The customer must subscribe to a payment period equal or greater than the amount of time remaining in his existing payment period (no termination charge applies for the former payment period and no service charge is applicable).
- b. The customer must continue to be served by the same central office equipment.
- c. There must be no interruption of service.
- d. There are no moves, changes, or additions to existing service requested by the customer.

###### 4. Rates and Charges

###### a. Term Payment Plan

	Installation Charge	1 Month	Term Payment Plan			USOC
			36 Months	60 Months	84 Months	
(1) Per ESSX® service system so equipped:						
(a) ESSX® service - VS	\$ 2,500.00	-	-	-	-	MDR
(b) ESSX® service - S	2,500.00	-	-	-	-	MDR
(c) ESSX® service - M	6,000.00	-	-	-	-	MDR
(d) ESSX® service - L	18,000.00	-	-	-	-	MDR
(2) Per Line equipped with SMDR-P:						
(a) ESSX® service - VS, per station line	-	\$ .90	\$ .80	\$ .75	\$ .70	MQ81X
(b) ESSX® service - S, per station line	-	.90	.80	.75	.70	MQ81X
(c) ESSX® service - M, per station line	-	1.05	.95	.90	.85	MQ81X
(d) ESSX® service - L, per station line	-	1.05	.95	.90	.85	MQ81X
(3) Line Termination						
(a) Per dedicated circuit <sup>1</sup>	35.00	44.00	39.00	38.00	37.00	BP1

**Note 1:** Appropriate Private Line charges apply.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.1 ESSX Service (Cont'd)

#### A112.1.12 Optional Service Features (Cont'd)

- A. Station Message Detail Recording - Premises (Cont'd)
- 4. Rates and Charges (Cont'd)
  - b. Additions and Changes

	Installation Charge	Month	Term Payment Plan			USOC
			1	36 Months	60 Months	
(1) SMDR-P records, change from recording completed calls only to all calls attempted or vice versa						
(a) Per system, per occasion			\$68.00			RCHMC
(2) Change in status of all station lines in customer group or individual facility from "records-not-required" to "records-required"						
(a) Per system, per occasion						RCHMF

### A112.2 Digital ESSX Service - Vintage 2 Feature - Simplified Message Desk Interface (SMDI)

(Obsoleted 04-28-93, Type 4) Service and rates in this section are available for existing customers at existing locations for the remainder of the current contract period.

#### A112.2.1 General

1. The definitions, *terms, and conditions* in Section A112. for ESSX service and Digital ESSX service apply to these offerings except as stated following. (T)
2. Existing subscribers to this feature may convert to the SMDI features in Section A112. For such conversions, neither the termination charges for the feature in this Section nor the installation charges for those features in Section A112. will apply.

#### A112.2.2 Rates and Charges

- (1) Digital ESSX service Simplified Message Desk Interface (I) (SMDI)<sup>1</sup>

	Installation Charge	Month	Term Payment Plan			USOC
			1	36 Months	60 Months	
(a) Per Link <sup>2</sup>	\$200.00	\$150.00		\$110.00	\$100.00	\$90.00
(b) Per UCD main station line arranged for SMDI <sup>3</sup>		7.75				SMG SMH

**Note 1:** Requires customer-provided terminal equipment.

**Note 2:** Includes I/O Port to the central office Network Interface. Appropriate Private Line charges apply for the associated channel. (T)

**Note 3:** Rates and charges for the UCD feature in Section A12. also apply.

---

**A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS**

(M)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

(M1)

### A112.3 Customized Dialing Package (CDP)

(T)

(Obsoleted 02-09-94, Type 3) Rates and services are available only to existing customers at existing locations. Existing customers will be required to discontinue service when the customer's serving central office is converted to new technology.

(T)(M2)

#### A112.3.1 General

(M2)

- A. A Customized Dialing Package (CDP) is a group of expanded central office features provided in association with individual flat rate Business and Residence exchange access lines served by electronic switching equipment located in Company buildings. It is offered as a customer option and may be provided subject to the availability of facilities. A combination of Business and Residence Lines in a CDP service arrangement is allowed. CDP is offered as a customer option. CDP rates and charges, as applicable, are in addition to rates and charges for individual exchange access line. (M2)
- B. A CDP arrangement may be established for any group of customers having a minimum of 10 Individual Business and/or Residence exchange access lines. The billing record of toll calls on lines using CDP service will not be affected by the application of the features of this service. (M2)
- C. Exchange access lines terminating at different locations may be combined into a single CDP arrangement. All exchange access lines terminating in a CDP arrangement, however, must be served by the same central office. Admission to the CDP arrangement is granted by the authorizing agent as specified in K. following. (M2)
- D. CDP lines may utilize Dial Pulse or Touch-Tone signaling. The rates and charges for Touch-Tone service apply as appropriate in addition to CDP rates and charges. (M2)
- E. Service availability and/or operation may vary depending upon the type of central office and/or the current generic program operating in that central office. (M2)
- F. CDP standard and optional features are not permitted on the same line with existing Prestige or Custom Calling Services described in other sections. (T)(M2)
- G. A telephone number change will be required in order for a customer to subscribe to CDP service. Upon disassociating the exchange access line from the CDP arrangement, a telephone number change will be required. When a telephone number change is required, the Line Change Charge as specified in Section A4. will apply. (T)(M2)
- H. Suspension of exchange line service will result in suspension of CDP service. Suspension of CDP service only is not permitted. Suspension is addressed in Section A2. (T)(M2)
- I. The quality of transmission for calls utilizing CDP Call Forwarding Variable or Conferencing may vary depending on the distance and routing involved. The Company makes no representation as to the quality of the transmission on such calls. (M2)
- J. Calls forwarded from CDP lines via the Call Forwarding Busy Line feature or the Alternate Answering feature can be routed to a specified CDP line which may be established by the Authorizing Agent to serve as a common call answering point. (M2)
- K. The Authorizing Agent is responsible for allowing admission of subscribers to the CDP arrangement. The Authorizing Agent shall do so by providing the potential subscriber with a letter of admission which in turn is presented to the Company. The Authorizing Agent title may be transferred from an existing holder to a new party. (See Section A2 for applicable procedures and charges.) If the Authorizing Agent of a CDP arrangement ceases to exist, no new subscribers will be added to that CDP arrangement. Existing service, as established, would be allowed to continue. (T)(M2)
- L. A subscriber has no responsibility to the Authorizing Agent. Each subscriber is responsible for paying to the Company all rates and charges, as applicable, associated with his service. (M2)
- M. All calls from within the CDP arrangement to destinations outside the CDP arrangement must be preceded by a one-digit access code. This includes calls to 0 (Operator) and 911 (emergency). It shall be the Authorizing Agent's responsibility to notify all CDP subscribers in writing that the access code is required. (M2)
- N. The Company shall not be liable to any person for damages of any nature or kind arising out of, resulting from, or in connection with the provision of Customized Dialing Package service offered herein, including, without limitation, the inability of the station user, with or without dialing the one digit access code, to reach the operator, 911, or other emergency services for any purpose. (M2)

## **A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS**

### **A112.3 Customized Dialing Package (CDP) (Cont'd)**

#### **A112.3.2 Service Description (Cont'd)**

##### **B. Optional Features (Cont'd)**

###### **10. Distinctive Ringing and Call Waiting Tone**

Distinctive Ringing and Call Waiting Tone are furnished in two classes which permit a CDP exchange line user to identify the source of a call:

Class	Call Source
A	Intercommunication (call from within the CDP originated via the Speed Dial feature)
B	Direct inward dialed local and toll (call from outside the CDP or non-Speed Dial call originated within the CDP)

Distinctive ringing is furnished to indicate the source of calls to idle exchange lines. Distinctive tone is furnished to indicate the source of calls to busy exchange lines equipped for the optional Call Waiting feature.

A distinctive ring or tone is furnished for each class and is used to identify all call sources within that class.

###### **11. Loudspeaker Paging Access**

The Loudspeaker Paging feature allows CDP station users to dial access loudspeaker paging equipment. Capabilities are provided to allow multizone paging where a separate access code is provided for each zone within the customer's location. Optional arrangement may be provided to allow the paged party to be connected to the calling party by dialing an answer code from any exchange line within the CDP arrangement. The customer is responsible for providing all paging equipment.

#### **A112.3.3 Rates and Charges**

The following rates and charges are for CDP service only and are in addition to the applicable service charges, monthly rates and nonrecurring charges for exchange access lines and other services or equipment with which they are associated.

##### **A. Monthly Rates**

###### **1. CDP Service**

	Feature	Establishment	Monthly	
		Charge	Rate	USOC
a. Authorizing Agent				
(1) Common Equipment				
(a) Per initial installation	\$-	\$-	C6PCD	
(b) Per revision <sup>1</sup>	-	-	C6NCD	
b. Standard Features <sup>2</sup>				(T)(M)
(1) Each exchange residence line terminated in a CDP arrangement				(M)
(a) Per Line	\$22.00	\$5.00	ETNCD	(M)
(2) Each exchange business line terminated in a CDP arrangement				(M)
(a) Per Line	28.00	7.00	ETNCD	(M)
<b>Note 1:</b> The term "revision" means any customer (Authorizing Agent) requested change to the established common service which requires work within Company equipment. The charges for making a revision shall be determined per individual case based on costs.				
<b>Note 2:</b> Includes Speed Dial, Call Hold, Speed Call 6, User Transfer and Conferencing.				(T)(M)

## **A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS**

### **A112.3 Customized Dialing Package (CDP) (Cont'd)**

#### **A112.3.3 Rates and Charges (Cont'd)**

##### **A. Monthly Rates (Cont'd)**

	Feature	Establishment Charge	Monthly Rate	USOC
2. Optional Features				
a. Calling Waiting				
(1) Residence				
(a) Per Line	3.00	3.00	ESXCD	
(2) Business				
(a) Per Line	3.00	3.00	ESXCD	
b. Call Forwarding Variable				
(1) Residence				
(a) Per Line	2.00	1.00	ESECD	
(2) Business				
(a) Per Line	2.00	1.00	ESECD	
c. Call Forwarding Busy Line				
(1) Residence				
(a) Per Line	2.00	1.00	EVBCD	
(2) Business				
(a) Per Line	2.00	3.25	EVBCD	
d. Alternate Answering				
(1) Residence				
(a) Per Line	2.00	1.00	EVDCD	
(2) Business				
(a) Per Line	2.00	1.00	EVDCD	
e. Call Pickup				
(1) Residence				
(a) Per Line	2.00	.50	E3QCD	
(2) Business				
(a) Per Line	2.00	.50	E3QCD	

(M)

**A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS****A112.3 Customized Dialing Package (CDP) (Cont'd)****A112.3.3 Rates and Charges (Cont'd)****B. Service Charges**

1. Initial and Subsequent Installation
  - a. When service is established at the same time as the associated exchange access line(s), no additional service charge is applicable.
  - b. When service is established subsequent to the establishment of the associated exchange access line(s), service charges as specified in Section A4. apply. (T)
2. Feature Changes or Additions
  - a. Service charges as specified in Section A4. are applicable to the following changes in an established CDP arrangement.
    - (1) Addition of optional feature(s) to an existing line in an existing CDP arrangement.
    - (2) Changes to customer specified parameters, requiring work to be performed by the Company, associated with CDP features such as Alternate Answering, Call Forwarding Busy Line, and Call Pickup.

**A112.4 (DELETED)**

**Pages 9 through 29 are hereby deleted in their entirety and removed from this Guidebook**

(N)

---

**A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS**

**A112.4 (DELETED) (Cont'd)**

(M)

**A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS****A112.6 (DELETED) (Cont'd)****A112.7 Reserved for Future Use****A112.8 ESSX-1 Service**

(Obsoleted 08-02-96, Type 4) Service rates and charges in this section are not available for new installations, moves, transfers of service or replacements or additions to existing service.

**Obsolescence Rules**

1. ESSX-1 service subscribers under a month-to-month payment option will be allowed to maintain their ESSX-1 service at month-to-month rates until 10-02-97.

On or prior to 10-02-97 ESSX-1 service month-to-month subscribers must; 1) convert their entire ESSX-1 service account to MultiServ service or MultiServ PLUS service as described in A12.20 and A12.21 respectively; or 2) subscribe to an alternate service.

2. ESSX-1 service subscribers under contract will be allowed to maintain their ESSX-1 service until the expiration date of their contract or until 10-02-97 if the contract expires prior to that date. Upon expiration of their contract or by 10-02-97, ESSX-1 service subscribers must disconnect their ESSX-1 service and either; 1) convert their entire ESSX-1 service account to MultiServ service or MultiServ PLUS service as described in A12.20 and A12.21 respectively; or 2) subscribe to an alternate service.

(Obsoleted 08-28-85, Type 4). Provided only to those systems already in service or to those systems for which firm orders were received by the Company prior to this date. Additions, deletions and/or rearrangements to an existing system can be made subject to the capacity of the central office from which it is provided.

**A112.8.1 General**

A. ESSX-1 service provides an electronic switching service for intercommunicating purposes between main station lines of a subscriber and for connection through the local and long-distance telephone network to other subscribers on a dial basis without intermediate handling by an attendant. The scope of basic ESSX-1 service comprises:

- Direct Inward Dialing (M)
- Direct Outward Dialing (M)
- Intercept (M)
- Station Identification (M)
- Basic Station Line Hunting (M)
- Touch-Tone® or Rotary Dial (M)

**(DELETED)**

(D)

**Page 33.1 is hereby deleted in its entirety and removed from this Guidebook**

(N)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

- B. ESSX-1 service is furnished, subject to the availability of facilities and features from a No. 1 Electronic Switching System located in a central office building owned or leased by the Company from which the service is provided. The service allows for normal station activity including incidental additions and deletions. Major additions to and/or major relocations of ESSX-1 systems are subject to the same *terms and conditions* as initial installations. (T)
- C. The ESSX-1 Primary Service Feature Package is provided on an optional basis for individual main station lines except for main station lines terminating in attendant consoles or telephone sets used as consoles which require the Primary Service Feature Package on a nonoptional basis.
- D. Certain ESSX-1 Auxiliary Services and secondary service features are available on an individual main station line basis and are subject to the capabilities of the serving ESS central office.
- E. Auxiliary services, as specified herein, may be offered for use with compatible customer-provided consoles.
- F. Suitable building space and commercial power, including outlets, required for the operation of key telephone equipment, console(s), and other station apparatus at the subscriber's premises will be furnished by the subscriber.
- G. All console functions by the attendant at the subscriber's premises are performed at the expense of the subscriber and must conform with the operating practices and procedures of the Company to maintain a proper standard of service.
- H. All ESSX-1 main station lines must be associated with the main switching equipment. Satellite switching equipment is not offered with ESSX-1 service.
- I. Tie lines for direct connections between a basic ESSX-1 system and other systems are provided primarily for communication between stations of the two systems. In addition, these tie line connections may be arranged to provide completion of incoming or outgoing local and long-distance calls through the ESSX-1 system to or from the other system (ESSX-1 or non-ESSX-1) provided such tie lines are equipped with Dial-Cut through arrangement; USOC: ETM, necessary for tandem tie line operation.
- J. Where completion of incoming and outgoing local and long distance calls through an ESSX-1 system is furnished to or from stations of a separate ESSX-1 system in another exchange or a non-ESSX-1 system in the same or different exchange, the charges applicable for the following features apply in addition to the regular charges for the facilities connecting the systems, except for Subsidiary System Arrangements furnished under the *terms and conditions* specified in A112.8.8.H. (T)
  - 1. Miscellaneous line termination charges as outlined in Section A112.8.8.D. apply for each miscellaneous line that is terminated as a trunk in an ESSX-1 system.
  - 2. ESSX-1 main station line charges apply to miscellaneous lines furnished with unique access codes (trunk level access), except for tie lines furnished in connection with Subsidiary System Arrangements as specified in A112.8.8.H. (T)
  - 3. ESSX-1 optional feature charges as outlined in Section A112.8.8.C. apply for each trunk terminated main station line as offered in A112.8.7.C.4, as appropriate. (T)
- K. Dormitory service is furnished in accordance with the *terms and conditions* for Dormitory Communications Service specified in Section A13.13. (T)
- L. A single ESSX-1 system may be provided for the common use of city and county government functions located in the same exchange area. Either the city or the county may subscribe for the service and the subscriber shall be responsible for all charges for the service. The subscriber may prorate the charges for the other user but shall not make any additional charges in connection with use of the service.
- M. An ESSX-1 system may not be provided for intercommunications (stand-alone) service only. Main station lines and exchange access trunks are required for each ESSX-1 system.

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

N. Suspension of service is not permitted with ESSX-1 service.

O. Definitions

1. Basic ESSX-1 Service Features

a. ESSX-1 System

An ESSX-1 system consists of electronic switching equipment and main station lines. A system includes only those main station lines whose inward exchange and toll service is through a main ESS switching location via a single central office code.

(1) Basic Station Line Hunting

Basic main station line hunting service is usually a group of ESSX-1 main station lines associated with one directory number. A call completing to the directory number will hunt over the lines in a group until an idle line is found. Each main station line in the group is associated with a terminal number. When a main station line number of the group is dialed, the hunt begins at this point and continues until an idle terminal is found or until the end of the multiline hunt group is found. The Company may, at their option, provide main station line hunting arrangements by the use of either multiline hunt groups or series completion or both.

Certain optional features are common to each main station line in a multiline hunt group. In such cases, rates and charges applicable for the optional feature apply to every main station line in the multiline hunt group.

(2) Direct Inward Dialing

Incoming calls from the exchange or toll network may be dialed directly to completion to any called main station line served by the ESSX-1 main switching equipment without the help of an attendant.

(3) Direct Outward Dialing

Outward calls may be dialed directly to completion from any unrestricted main station line served by the ESSX-1 main switching equipment without the help of an attendant.

(4) Intercept

Intra ESSX-1 and incoming network calls dialed to unassigned numbers are routed to different common recorded announcements.

(5) Touch-Tone® or Rotary Dial

Main station lines and attendant access lines may be equipped for Touch-Tone® and/or Rotary Dial operation where facilities permit.

(T)

(T)

(6) Station Identification

An itemized list of toll calls is shown on the bill with the number of each originating main station line.

(7) Station-to-Station Calling

Calls may be dialed directly to completion between any two main station lines of an ESSX-1 system.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

##### O. Definitions (Cont'd)

###### 2. Auxiliary Services

###### a. Attendant Service

Incoming calls to the main listed number are answered by an attendant, who may complete the call to the desired main station line by means of the call transfer feature provided with the ESSX-1 Primary Feature Package as specified in Section A112.8.8.C.1. (T)

An unrestricted and semi-restricted main station line user may dial the attendant over attendant lines to secure help in the completion of an outgoing call by means of the Dial "O" calling auxiliary attendant feature as offered in A112.8.8.B.5. (T)

###### 3. Auxiliary Attendant Services

###### a. Access Lines to Customer-Oriented Facilities

Allows dial access from ESSX-1 service for connection to customer-oriented facilities (Recorded Telephone Dictation, Dial Code Sending Equipment and Loudspeaker Paging).

###### (1) Recorded Telephone Dictation Feature

Permits access to and control of customer-owned telephone dictating equipment by main station lines, tie trunks, and attendants within the ESSX-1 system. Main station line, attendant and tie trunk access must be via Touch-Tone®.

###### (2) Dial Code Sending (Code Calling) Feature

Code Calling provides dial access to customer-premises located code calling equipment by main station lines, attendant access and tie lines of an ESSX-1 system. The dialed two- or three-digit code activates signaling devices on the customer's premises to produce a coded signal corresponding to the dialed code. The called party, upon recognition of the signal, is automatically connected to the calling party by dialing a special code from any main station line in the ESSX-1 system.

###### (3) Loudspeaker Paging Feature

Allows ESSX-1 attendants and main station line users to 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 main station line within the ESSX-1 system.

###### b. Attendant Call Thru Test on Tie Trunks

Attendant Call Thru Test on Tie Trunks is a Data Link console attendant position optional service arrangement which permits the ESSX-1 system attendant to select a specific trunk within a trunk group for the purpose of verifying that the trunk is in working order. As used herein, the terms "Trunk" and "Trunk Groups" apply to Tie Lines, Tandem Tie Lines and SCAN access lines.

###### c. Attendant Camp-On and Camp-On Mode Options

This feature allows incoming listed number calls, which the attendant attempts to complete to a busy main station line, to be held waiting and then automatically connected when the called main station line becomes available. An indication of camp-on (tone) will be given to the busy main station line each time the attendant attempts a completion.

Attendant Camp-On options are available as follows: Audible Ringing (no additional charge), Silence, Music and Recorded Announcement. (M)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

##### O. Definitions (Cont'd)

###### 3. Auxiliary Attendant Services (Cont'd)

(M)

###### d. Attendant Conference

Using a six-port conference circuit, an attendant may interconnect up to five conferees on one call. The sixth port is required for attendant access. Main station lines that are permitted dial access to the attendant console equipped with the conference feature are the only main station lines that can initiate this feature.

###### e. Attendant Control of Facilities

Attendant Control of Facilities is a console attendant position optional service arrangement which permits the ESSX-1 system attendant to restrict the dial access of all main station lines to FX, WATS, CCSA, SCAN, EPSCS, ETS, and tie line terminations associated with that system. When such restriction is in effect, attempted outward dialed calls will be routed to the attendant.

###### f. Attendant Emergency Override

This ESSX-1 feature allows an attendant to override a main station line busy condition set by a make busy key. The attendant dials an access code plus the main station line number and will terminate to the specific main station line dialed, regardless of call forwarding, series completion or multiline hunt arrangements.

###### g. Centralized Attendant Service (CAS)

CAS allows a customer having an ESSX-1 with data link console(s) and a number of remote PBX's and/or ESSX systems to concentrate all attendants at one location. In addition to decreasing the number of attendants required, CAS should also result in better service and administrative control.

###### h. Customer Controlled Station Restriction

Permits the customer to change the calling arrangement of selected main station lines to four different restrictions as follows:

###### (1) Outgoing Call Restriction

Calls dialed, other than intercommunication calls, will be routed to a tone.

###### (2) Incoming Call Restriction

Calls from outside the ESSX-1 system direct dialed to selected main station lines, will be routed to the attendant or to an announcement. Calls to the attendant and intercommunication calls are not restricted.

###### (3) Station-to-Station Call Restriction

All calls dialed to select main station lines, other than attendant calls, will be routed to an announcement.

###### (4) Total Restriction

All calls dialed to or dialed from selected main station lines will be routed to the attendant or to an announcement, and outgoing call attempts will receive a tone.

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

##### O. Definitions (Cont'd)

###### 3. Auxiliary Attendant Services (Cont'd)

###### i. Dial "O" Calling

Dial "O" calling permits a main station line to reach the attendant by dialing the single digit "O". The call is routed to the attendant over the same console access loops as provided for other incoming calls unless the position is furnished with discrete identification.

###### j. Dial Thru Attendant (DTA)

The ESSX-1 DTA feature allows main station line users to complete dialing on other than station-to-station calls after the attendant selects the trunk facility on attendant-handled outgoing calls.

###### k. Electronic Message Registration Service

Provides for automatic counting, storage and display of stored message unit count for local message units generated from individual main station lines arranged for this feature. An Inquiry and Display Console (IDC) is used to retrieve and display message unit usage. An optional tape printer is available where printed tape is desired in addition to the visual display.

###### l. Flexible Incoming Call Restriction

Permits the customer to route incoming calls for preselected main station lines to the attendant, to an announcement, or to a designated main station line. This feature may be activated by the attendant or by a control key.

###### m. Group Use Service

Group use service is an optional service feature whereby different ESSX-1 systems which are served by the same central office equipment may be arranged for intercommunication calling between main station lines and attendant positions of those systems.

###### n. Outgoing Trunk Queuing - Wats (OTQ) - Phase 1

Outgoing Trunk Queuing - WATS is an ESSX-1 optional feature, available where facilities permit that allows main station line users, by dialing a pre-selected code, to have their call held in queue (stored), if all the associated WATS facilities are in use for prior calls. The call is completed, without further dialing, when a facility becomes available; or on reaching the time limit in queue, is advanced to the pre-selected option. The calling main station line must remain off-hook to retain the call in queue. Where compatible, tie trunks may be given access to queuing.

Options available with OTQ-WATS Phase I are:

- (1) Customer specified time limit in queue,
- (2) Overflow calls routed to the Message Telecommunications System-Toll or to overflow tone,
- (3) Routing calls to the optional feature of the Automatic Route Selection (ARS)-Basic before routing to OTQ-WATS,
- (4) Recorded announcements to calls held in queue, or
- (5) Music (customer supplied) to calls held in queue, or
- (6) Silence to calls held in queue.
- (7) Priority queuing, on an individual main station line,
- (8) Attendant control of calls where two or more separate queues are provided - (Inflow/Outflow)

(M)

(M)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

- O. Definitions (Cont'd)
- 3. Auxiliary Attendant Services (Cont'd)

(M1)

- o. Selected Customer Control of Facilities

Selected Customer Control of Facilities is an optional feature which allows an ESSX-1 attendant to control dial access to an individual facility group. The facility group may be real or simulated facilities. Attendant Control of Facilities, a previously developed feature, allows for attendant control of all facilities accessed through a particular 1XX code. The attendant can access the facilities for completion of selected calls. In contrast, Selective Customer Control of Facilities allows an attendant to control access to a particular facility group through activation and deactivation of a key connected to the Master Scan Point of the facility group. One key is associated with one facility group. All traffic, regardless of source, is denied access to the affected facility group once Selected Customer Control of Facilities is activated. When the facility group is part of an Automatic Route Selection - Basic or ARS - Deluxe route pattern, calls will automatically route to the next facility group in the routing pattern. If there is no alternate route, the call will receive normal reorder treatment.

- p. Source Billing of Attendant Handled Calls

The Source Billing of Attendant Handled Calls feature causes the attendant's billing directory number to be replaced with the source party's billing directory number in all automatic Message Accounting records which result from ESSX-1 Attendant extending a call. This change in billing directory numbers in the Automatic Message Accounting record only occurs if the source party belongs to the same master ESSX-1 as the attendant.

- q. Station Direct Inward Dialing Restriction

Permits the customer to have selected main station lines restricted from receiving Direct-In-Dialed calls from the MTS network. Direct-In-Dial call attempts will be routed to the attendant.

- r. Station Number Correlation

Permits main station line numbers to be the same as numeric room numbers, where facilities permit.

(M2)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

##### O. Definitions (Cont'd)

###### 4. Optional Features

###### a. ESSX-1 Primary Feature Packages

(1) Three-way calling, consultation hold and call transfer. An ESSX-1 main station line user can, by flashing while on a 2-party call, effect a 3-way conference and/or transfer. After flashing, the main station line user dials the third party for private consultation while the second party is held. By flashing a second time, the second party is added on and a 3-way conference is affected. Subsequently, a transfer is accomplished when the original main station line user goes on-hook. At least one of the parties remaining on a transferred call must be an ESSX-1 main station line user.

This Primary Feature Package is provided with either of the following options<sup>1</sup>:

- Three-Way Calling, Consultation Hold and Call Transfer - INDIVIDUAL. This option allows Three-Way Conference Transfer on incoming calls only.
- Three-Way Calling, Consultation Hold and Call Transfer - ALL CALLS.<sup>2</sup> This option allows Three-Way Conference Transfer on both incoming and outgoing calls.

(2) Call Forwarding-Variable, Call Forwarding-Busy Line, Call Forwarding-Don't Answer, Call Hold, Call Pickup and Speed Calling 6 Customer Changeable List.<sup>3</sup>

###### 5. Secondary Optional Features

###### a. Automatic Callback

Automatic Callback permits a main station line user who attempts an intercommunication call to a busy main station line to be automatically connected to that main station line when both called and calling main station lines are subsequently idle. Automatic Callback is only operational for intercommunication calls between main station lines served by the same No. 1 or 1A ESS customer group.

A calling main station line is permitted only one Automatic Callback request at a time. The called main station line 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 main station line.

###### b. Call Forwarding – Variable<sup>4</sup>

When activated by a main station line user, automatically routes calls intended for his main station line to any other main station line selected within the same ESSX-1 system or optionally outside the Centrex-ESS system. The main station line selected may also be the attendant. The attendant may also activate call forwarding for a main station line.<sup>5</sup>

**Note 1:** Consultation Hold and Call Transfer - INDIVIDUAL may not be furnished to any ESSX-1 system having main station lines arranged for Consultation Hold and Call Transfer - ALL CALLS unless such main station lines are segregated by the Split Service Feature (USOC EBS).

**Note 2:** An ESSX-1 system or split service group of an ESSX-1 system arranged for Call Transfer - ALL CALLS and served by a central office equipped with the appropriate generic program may subscribe to the Added Call Transfer Option feature. Added call transfer option provides the capability on an ESSX-1 group basis to allow any main station line, non-Data Link Attendant, trunk dial transfer tie trunks and release link lines/trunks with originating major class to extend direct inward dialed (DID) to direct outward dialed (DOD) calls.

**Note 3:** For this feature package capability see definitions for individual features as specified herein.

**Note 4:** Call Forwarding Reminder Ring Option is an enhancement to Call Forwarding - Variable and Call Forwarding over Private Facilities and is optionally available on a per main station line basis. It may be ordered through a Service Order. Call Forwarding Reminder Ring option provides a reminder ring at the forwarding station line prior to the forwarding of a call to the distant location. Call Forwarding, Reminder Ring Option is a 1E6 base generic feature and is offered at no additional monthly rate.

**Note 5:** Call Forwarding "outside" option is a 1E5 base generic feature and is offered at no additional monthly rate.

(T)  
(T)

(M1)

(T)(M2)  
(T)(M2)

(T)(M2)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

##### O. Definitions (Cont'd)

###### 5. Secondary Optional Features (Cont'd)

(M)

###### c. Call Forwarding - Don't Answer

Automatically routes in-dialed calls to the attendant or preselected main station line number when the called main station line doesn't answer within three ringing cycles. The selection of ringing cycle options is available on a per main station line basis and may be changed by Service Order.

###### d. Call Forwarding - Busy Line

Automatically routes in-dialed calls to the attendant or preselected main station line number when the called main station line is busy.

###### e. Call Forwarding over Private Facilities<sup>1</sup>

Call Forwarding over Private Facilities (CFPF) is an optional feature which includes and expands Call Forwarding - Variable (CFV) capabilities. CFPF allows an ESSX-1 main station line user to have incoming calls forwarded to a location outside the Centrex group using a specific, selected facility or network which may include CCSA, EPSCS, ETS, WATS, Foreign Exchange, senderized tie lines and DDD. Automatic Route Selection (ARS) may also be selected for optimum routing. Activation of CFPF is identical to activation of CFV. To activate CFPF, a user goes off-hook, dials a CFV (CFPF) activation code plus the selected facility/network access code plus the called number. When the called number answers, the calling user hangs up. From that point all calls to the calling user's main station line are forwarding to the distant location. To deactivate CFPF, the calling user dials a CFV (CFPF) deactivation code.

###### f. Call Hold

Allows a main station line user to place any call involving his main station line on hold by flashing and dialing a special code. The main station line user is then free to originate another call. The first call is retrieved by dialing the hold code a second time.

**Note 1:** Call Forwarding Reminder Ring Option is an enhancement to Call Forwarding - Variable and Call Forwarding over Private Facilities and is optionally available on a per main station line basis. It may be ordered through a Service Order. Call Forwarding Reminder Ring option provides a reminder ring at the forwarding station line prior to the forwarding of a call to the distant location. Call Forwarding, Reminder Ring Option is a 1E6 base generic feature and is offered at no additional monthly rate.

(M)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

##### O. Definitions (Cont'd)

###### 5. Secondary Optional Features (Cont'd)

###### g. Call Pickup

Allows a main station line to answer calls directed to another main station line within the same preset call pickup group.

###### h. Call Transfer Inter ESSX-1 Screening

Call Transfer Inter ESSX-1 Screening is an extension of ESSX-1 Dial Transfer Screening which may be used in ESSX-1 complexes that may have overlapping extension ranges. With this feature, it is possible to optionally restrict transfers of external calls to main station lines outside the customer group of the controller party.

###### i. Call Waiting - Terminating

Informs a busy main station line, when the line is so equipped, that an incoming call is waiting (burst of tone) and permits holding the present connection while answering the new call and return to the original connection.

###### j. Call Waiting - Originating

Allows the application of the call waiting tone from the originating main station line to any busy main station line in the same ESSX-1.

Call Waiting - Originating options are available as follows: audible ringing (no additional charge), music and recorded announcement.

###### k. Call Waiting - Dial (DCW)

The Dial Call Waiting (DCW) feature provides the ability for originating ESSX-1 main station lines to invoke call waiting service on selected intragroup calls by dialing the dial call waiting access code followed by the number of the main station line to be call waited. Call Waiting - Dial also includes the features of Call Waiting - Originating. Call Waiting - Originating options may be provided with Call Waiting - Dial Feature.

###### l. Call Waiting - Intragroup

Permits intragroup calls to a busy main station line equipped with the feature to be answered while the existing call is held. Call Waiting - Intragroup also includes the features of Call Waiting - Terminating.

(M)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

##### O. Definitions (Cont'd)

###### 5. Secondary Optional Features

###### m. Code Restriction Arrangements (Cont'd)

(T)

A Code Restriction Arrangement automatically denies a portion or all main station lines of an ESSX-1 system direct outward dialing access to one or more three-digit Company central office and/or service codes within the local exchange service calling area in which the ESSX-1 system is located. Code restriction provides a distinctive tone to indicate that access is not permitted on call attempts.

(M)

- (1) The three-digit central office and service codes which may be restricted constitute those codes to which Public Announcement and Directory Assistance Services are assigned. The term "Public Announcement Services" as used herein are those services which, in the judgement of the Company, furnish advertised recorded announcement messages to the general public (e.g., time, weather, sport scores and stock market reports). The Public Announcement Service central office codes arranged for code restriction will be determined by the Company and will be commonly denied access in the central office serving ESSX-1 systems subscribing to this service arrangement.
- (2) At the time a code restriction arrangement is installed, the ESSX-1 system will be arranged for the code restriction specified by the customer and the main station lines designated by the customer will be so equipped. When the customer requests the subsequent addition or removal of code restriction on a main station line, the appropriate Service Change as specified for a change in line termination applies per main station line affected except that no such charge applies when the code restriction arrangement is disconnected in its entirety.
- (3) Code restriction is not furnished in connection with the attendant access lines of an ESSX-1 system.
- (4) Where code restriction applies to a particular central office code, direct outward dialed main station line access is denied to telephone numbers associated with that central office code.

###### n. Conference Calling - Station

Allows a main station line user to establish a conference connection of up to six conferees (including the originator) without the aid of the attendant.

###### o. Directed Call Pickup

Allows calls directed to a main station line with the Directed Call Pickup feature to be answered by any main station line in the ESSX-1 group. This is accomplished by dialing an access code followed by the number of the main station line to which the call was directed. If the main station line has already answered, a three-way connection is established. To be arranged for Directed Call Pickup, the main station line must also be arranged for regular Call Pickup. Directed Call Pickup may be used for trunk answer any station purposes. Charges for Directed Call Pickup are applicable to the terminating or "called" main station line.

###### p. Directed Call Pickup - Nonbarge-In

The Directed Call Pickup - Nonbarge-In feature allows a ESSX-1 main station line to pick up an unanswered call to another ESSX-1 main station line equipped with Directed Call Pickup by dialing a special answer code plus the number of the main station line being rung. If the main station line being rung has already answered, busy tone will be returned to the main station line user dialing the answer code and main station line number. To be arranged for Directed Call Pickup - Nonbarge-In, the main station line does not have to be arranged for regular Call Pickup or Directed Call Pickup. Charges for Directed Call Pickup - Nonbarge-In are applicable to the originating or "calling" main station lines.

## **A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS**

### **A112.8 ESSX-1 Service (Cont'd)**

#### **A112.8.1 General (Cont'd)**

##### **O. Definitions (Cont'd)**

###### **5. Secondary Optional Features (Cont'd)**

###### **q. Distinctive Ringing and Call Waiting Tone**

Distinctive Ringing and Call Waiting Tone are furnished in different classes which permit main station line users to identify the source of calls. These three classes identify:

<b>Class</b>	<b>Call Source</b>
A	Intercommunication
B	Direct inward dialed local and toll
	Attendant completed
	CCSA Access dialed
	Tie line
C	Preemptible SCAN access line
	Dial Call Waiting
	Call Waiting-Originating
	Data Link Console Night Service Arrangement

Distinctive ringing is furnished to indicate the source of calls to idle main station lines. Distinctive tone is furnished to indicate the source of calls to busy main station lines 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 main station lines arranged for Class B ringing/tone. Class C ringing/tone may be furnished separately or in association with Class B ringing/tone.

Class C tone associated with Call Waiting-Originating or Dial Call Waiting will only be provided where all such main station lines in the same No. 1 ESS customer group are commonly arranged for Class C tone.

Where a customer's system is equipped with Data Link Console and is arranged for Class B ringing/tone, Class C ringing will be provided to identify night service arrangement extended calls to main station lines at no additional charge.

###### **r. Single Digit Dialing or Abbreviated Dialing for Services**

Provides ESSX-1 main station lines the ability to dial a one or two-digit code to reach selected lines within the ESSX-1 system. Also provides the ability to use variable length codes by means of timing. Abbreviated dialed calls are completed to predesignated ESSX-1 administrative main station lines. This feature may also be used to reach particular internal facilities such as dial dictation equipment. Abbreviated dialing is not required where regular "1XX" or "level" access codes are utilized without conflict in the numbering plan.

(M)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

##### O. Definitions (Cont'd)

###### 5. Secondary Optional Features (Cont'd)

###### t. Split Service Offering

This feature permits segregation of ESSX-1 main station lines for a customer into separate groups, thereby enabling each group to have a different set of common features. In a hotel this arrangement is quite valuable in that the administrative main station lines have usage characteristics and feature requirements similar to basic ESSX-1 main station lines. Typically administrative main station lines will utilize DID, AIOD, consultation hold, add-on and call forwarding features. The guest room main station lines usually will not be equipped with these features and a split service offering should be used at appropriate *guidebook* rates. Splitting the service in this manner allows all other No. 1 ESS main station line features on an optional basis, thus enhancing the versatility of the administrative main station lines and reducing the need for key telephones and equipment. (T)

###### u. Station Dial Code Screening

Station Dial Code Screening permits designated ESSX-1 main station lines to be used to originate calls to specified Message Telecommunications Systems (MTS) telephoned in Number Plan Areas and Central Office Codes within the Continental U.S., and restricts these main station lines from originating calls to other MTS telephones. Three or six digit screening is provided.

Two arrangements are available:

- (1) Arrangement I permits main station line originated calls to be completed to telephone numbers with selected Central Office Codes (NNX's) in the Home Numbering Plan Area (HNPA) or other Numbering Plan Areas (NPA's) using the Message Telecommunications Network (MTS).
- (2) Arrangement II permits main station line originated calls to be completed via private network facilities which have been arranged for uniform numbering, senderized operation and other network stations and offnet to telephone numbers with selected NPA and Central Office Codes.

###### v. Station Hunting Arrangements

Circular Hunt, Uniform Call Distribution and Preferential Hunt are optional main station line hunting arrangements for searching over and distributing calls in a hunt group. These hunts are extensions of the basic multiline hunting feature included in basic ESSX-1 service.

- (1) Circular Hunt permits a complete hunt over all the terminals in the group starting with the dialed number.
- (2) Uniform Call Distribution provides an even distribution of incoming network and intercom calls among the individual main station lines of a hunt group and includes circular hunt.
  - Call Queueing is an option that may be added to the UCD arrangement. Queueing permits calls, in excess of main station lines in a UCD group, to be held in the central office and distributed in their order of arrival to main station lines in the UCD group as the main station lines become available.
- (3) Preferential Hunt permits a pre-hunt over a subset or preferential group of main station lines before hunting through the entire group. The hunt through the group may be a regular or circular hunt. Each main station may have its own preferential group or list. (M)
- (4) Make-Busy Arrangement allows terminals (main station lines) to appear busy to incoming calls by the use of control keys, and still allow the main station line to originate calls.
  - A terminal make busy arrangement functions on individual main station lines. (M)
  - A group make-busy arrangement functions on all main station lines in the hunt group. (M)
  - A random make-busy arrangement functions only on selected main station lines in the hunt group. (M)
  - A stop hunt arrangement (break in Rotary) functions to prohibit incoming calls to terminals beyond a specified point in a hunt group. (M)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

##### O. Definitions (Cont'd)

###### 5. Secondary Optional Features (Cont'd)

(M1)

###### w. Station Restriction

Various types of restrictions may be assigned as options to ESSX-1 main station lines. An ESSX-1 main station line may be provided with a combination of the various types of restrictions.

(1) Full Restriction:

From Incoming Calls Only - Allows the main station lines to receive only intra ESSX-1 (including tie line and other customer-oriented facilities) calls, except calls from the attendant. In-dialed calls from the exchange network are routed to intercept.

From Outgoing Calls Only - Allows the main station line user to originate calls to ESSX-1 main station lines, tie lines, and FX lines, but cannot call the attendant or use the call transfer feature.

From Incoming and Outgoing Calls - Combination of the above, and in effect, Interior Service without attendant access capability.

(2) Semi-restriction:

From Incoming Calls Only - Allows the main station line to receive only intra ESSX-1 (Including tie line and other customer-oriented facilities) calls, including calls from the attendant. In-dialed calls from the exchange network are routed to intercept.

From Outgoing Calls Only - Allows the main station line user to originate calls to ESSX-1 main station lines, tie lines, and FX lines, including calls to the attendant.

From Incoming and Outgoing Calls - Combination of the above, and in effect, Interior Service with attendant access capability.

(3) Denied Service:

From Incoming Calls Only - The main station line is used for outgoing calls only and cannot receive calls. All incoming calls are routed to common intercept announcement.

From Outgoing Calls Only - The main station line is used for incoming calls only and no outgoing calls can be originated from the main station line.

(M2)

(4) Denied Access to ESSX-1 facilities with Unique Access Codes (trunk level access):

(M2)

This feature prevents the main station line user from dial access to certain miscellaneous lines and other customer-oriented facilities by means of treatment codes. An ESSX-1 system is limited to a maximum of eight treatment codes. This feature does not prevent intra ESSX-1 main station line calling.

(M2)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

##### O. Definitions (Cont'd)

###### 5. Secondary Optional Features (Cont'd)

(M)

###### x. Station Toll Restriction

This feature prevents the main station line user from placing calls over the toll network. The calling attempt is not sent to the attendant or operator; it is routed to reorder tone.

###### y. Station Toll Diversion

This feature prevents the main station line user from placing calls over the toll network. The calling attempt is diverted to the ESSX-1 attendant.

###### z. Manual Originating Line Feature

The manual originating line feature is for ESSX main station(s) used with Electronic Tandem Switching (ETS). This feature simulates a dialed digit for access to ETS Automatic Route Selection (ARS) dial tone. No access to local exchange service or ESSX features is provided. An additional split service common block is required for each ESSX system using this feature.

###### 6. Miscellaneous Line Terminations

###### a. Miscellaneous lines are those lines not a basic part of the ESSX-1 system; i.e., CCSA, Tie Lines, WATS, Foreign Exchange, etc., but require ESSX-1 switching capabilities in order to function with ESSX-1 service.

###### (1) Trunk Equipment

Provides access to the ESSX-1 system by means of a simulated facilities group and permits dialing of calls over miscellaneous lines to and from ESSX-1 main station lines.

###### (2) Basic Terminations

Provides terminations (sendedized) for miscellaneous lines interconnecting an ESSX-1 system to distant switching systems and access to Foreign Exchange and WATS lines, etc. This arrangement does not provide for switching (Tandem) through the ESSX-1 for connection to miscellaneous lines of the distant switching system.

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.1 General (Cont'd)

##### O. Definitions (Cont'd)

###### 6. Miscellaneous Line Terminations (Cont'd)

###### a. (Cont'd)

###### (3) Optional Dial Cut-Through Arrangements (Tandem)

Provides for the switching (non-senderized) of calls which either originate within the ESSX-1 and terminate in distant systems over certain miscellaneous lines, and/or switch tandem through the ESSX-1 between certain miscellaneous lines where the digits dialed by the calling party are transmitted to the distant system directly as they are dialed by the calling party.

###### (4) Advanced Private Line Termination (APLT)

The APLT unit is used to terminate tie lines, private line facilities and access lines from switched private line services, such as Enhanced Private Switched Communications Service (EPSCS), and access lines furnished by Other Common Carriers to the ESSX-1 dial switching equipment.

The following service features will be obtained when a facility is terminated on a APLT unit only if these features are subscribed to by the customer as part of the ESSX-1 service and/or the facility involved.

Cut-through operation

Variable digit out-pulsing

Use of switched private line authorization codes

Call tandem via the Centrex/ESS switcher

Call Transfer - Individual

Call Transfer - Individual - All Calls

Attendant call transfer<sup>1</sup>

Attendant completion

Attendant camp-on

Call Forwarding - All Calls

Call Forwarding - Don't Answer

Call Hold

Automatic Calling Station Identity on access lines to Enhanced Private Line Switched Communications Systems.

(M)

**Note 1:** On calls incoming to main station line only.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.2 ESSX-1 Payment Schedules

##### A. ESSX Term Payment Plan (ETPP)

1. The following services will be furnished under the ESSX Term Payment Plan (ETPP).  
  - a. ESSX-1 Group "A" and "B" main station lines
  - b. ESSX-1 Group "B" main station line Distance Charges
  - c. Extension Station Lines
  - d. Primary Feature Packages
2. ESSX-1 service will be furnished under the ESSX Term Payment Plan (ETPP) as specified in this *Guidebook*. The ETPP rates are payable over a period selected by the customer from those available. All **terms and** conditions pertaining to the ETPP are included in Section A122, except as specified following.
3. Options and Conditions under ETPP
  - a. Additions
    - (1) Equipment can be added to an existing system at the customer's option, and the payment of rates and charges in the currently effective *guidebooks* for such service will be applied.
    - (2) At the customer's option, additions may be paid for over the remainder of the existing system's payment period, and be added onto the existing agreement, providing at least 30 days remain in the customer's existing payment period. The addition and installed system payment periods will then have a common expiration date. The charge(s) for the addition(s) will be the current filed rate(s) for the equipment for the same payment period as the installed system's existing payment period. If the installed system's payment period is not in the current *guidebook*, the rate charged for the addition will be that of the next shorter filed payment period. If less than 30 days remain in the current payment period, additions may only be placed on the one-month payment period at the current rates in effect for the one-month period.
    - (3) If the coterminous option for additions (described in (2) preceding) is not elected by the customer, additions may only then be placed on the one-month payment period at the current rates in effect for the one-month period.
  - b. Disconnects
    - (1) When equipment and/or facilities, i.e., station lines, etc., are disconnected from a system for which the current payment period is longer than one month, the expiration date of the remaining equipment and service will not be affected.
    - (2) Equipment and/or facilities disconnected from a system prior to the expiration date of the payment period for such equipment, will require termination charges for premature disconnection if applicable.

(M2)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.2 ESSX-1 Payment Schedules (Cont'd)

- A. ESSX Term Payment Plan (ETPP) (Cont'd)
  - 3. Options and Conditions under ETPP (Cont'd)
    - c. Termination Liability

The Termination Liability applicable to ESSX-1 service is dependent upon the payment period selected by the customer. Termination for the optional payment periods is as follows:

- (1) 1-Month Term Option
  - Main Station Lines, Extension Station Lines, Distance Charges and Primary Feature Packages - No Termination Liability
- (2) 36-Month Term Option
  - Main Station Lines and Distance Charges - 90% of the remaining amount due for each main station line disconnected when the customer's total main station line count falls below 80% of the total main station lines initially installed or of the annually adjusted total.
  - Extension Station Lines and Primary Feature Packages - No Termination Liability

- B. Conventional Payment Plan

- 1. All other ESSX-1 services/features offered in Section A112. will be furnished under the Conventional Payment Plan.
- 2. The Initial Service Period for all conventional rated ESSX-1 services/features is one month.

#### A112.8.3 ESSX-1 Minimum Monthly Charges

- A. A minimum charge for 10 main station lines, equivalent main station lines, or Telephone Numbers Reserved for Future Use applies for each ESSX-1 system. Main station lines of the ESSX-1 system may be provided at different locations. Such main station lines, however, must be routed to the ESS central office from which the switching capability for the ESSX-1 system is provided.

#### A112.8.4 Reserved For Future Use

## **A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS**

### **A112.8 ESSX-1 Service (Cont'd)**

#### **A112.8.5 Distance and/or Mileage Charges**

**A.** Distance Charges applicable to ESSX-1 main station lines or Zone Charges applicable to PBX trunk lines do not apply to ESSX-1 Network Access Registers.

**B.** Group "A" Station Lines only

1. "On-premises" extension line mileage charges as outlined in Section A13.1, "Extension Line Mileage", apply to each station line at the principal or secondary location not located in the same building as the central measuring point which, at both the principal and secondary locations, shall be the principal cable distribution point.

2. "Off-premises" extension line mileage charges do not apply to stations at secondary locations, however, where service involves locations in more than one central office area of an exchange "Foreign Central Office" mileage applies to each circuit required, measured between the central offices involved. Off-premises extension station lines may be provided where facilities permit at Group "B" ESSX-1 main station line rates.

**C.** Group "B" Station Lines only

"On-premises" extension line mileage and local channel charges as outlined in Section A13.1, "Extension Line Mileage", apply to each extension station line not located in the same building as the ESSX-1 main station line.

"Off-premises" extension station lines may be provided, where facilities permit, at Group "B" main station line rates.

Distance Charges for each Console Access Loop, ESSX-1 main station line and Off-premises extension station line will apply for each circuit required to provide service located in excess of one mile (airline distance) from the central office.

The Basic ESSX-1 Service Area is located within the local exchange Base Rate Area (BRA) and comprises the geographical area situated within a one-mile radius of the serving ESS central office location and within the fundamental serving area of the ESS central office. Mileage for each circuit and/or subscriber loop is measured (airline distance) between the station line location on the customer's premises and the normal serving central office.

1. Within the same exchange

a. Within the same ESS central office serving area

Basic main station line charge for ESSX-1 service includes locations within a distance of one airline mile of the serving ESS central office.

A monthly Distance Charge in addition to the basic main station line charge applies to each circuit and/or ESSX-1 loop termination located outside the Basic ESSX-1 Serving Area.

(1) First one-mile band within serving ESS central office, per ESSX-1 main station line - No additional rate.

	<b>ESSX Term Option</b>		
	<b>36 Month</b>		<b>USOC</b>
	<b>Monthly Rate</b>	<b>Monthly Rate</b>	
(2) Next two-mile band, per ESSX-1 main station line			
(a) First 1/2 mile or fraction thereof	<b>\$5.80</b>	<b>\$5.90</b>	<b>1LVF+</b>
(b) Each additional 1/2 mile or fraction thereof	<b>6.30</b>	<b>6.30</b>	<b>1LVG+</b>
(3) Beyond three-mile band, per ESSX-1 main station line			(M)
(a) Each additional 1/2 mile or fraction thereof	<b>7.00</b>	<b>8.45</b>	<b>1LVH+</b>
			(M)

**A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS****A112.8 ESSX-1 Service (Cont'd)****A112.8.5 Distance and/or Mileage Charges (Cont'd)**

## C. Group "B" Station Lines only (Cont'd)

## 1. Within the same exchange (Cont'd)

## b. In a different central office serving area of multi-office exchange

- (1) The rate of ESSX-1 service in a foreign central office area is the monthly rate for the ESSX-1 service desired, plus a foreign central office mileage charge and a distance charge.
- (2) When ESSX-1 main station lines are connected by facilities which are routed between two or more central offices in the same exchange the foreign central office mileage charge is computed separately on an airline basis between the ESS central office from which the ESSX-1 system is served and the central office from which exchange service normally would be rendered.
- (3) Between ESSX-1 central office and the central office from which the subscriber location would normally be served, for each interoffice channel charges apply as specified in Section A9. for Foreign Central Office service.
- (4) Between subscriber's location and the central office which normally would provide telephone service at the location, no additional rate applies for the first one mile. For each one-half mile or fraction in excess of the first one mile, charges apply as shown in A112.8.5.C.

(M1)

- c. The rates specified above are based upon the utilization of two-wire, voice grade exchange facilities. When the Company incurs additional expenses in order to provide adequate transmission due to the remote location of the customer or due to the requirement for specially constructed facilities or high cost facilities, charges based on costs may apply.

## 2. In a Different Exchange

- a. The rate of ESSX-1 service in a foreign exchange service area is the monthly rate for the ESSX-1 service desired, plus a foreign exchange mileage charge as specified in Section A9.

(T)

(T)

(M2)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.6 Classification of Basic ESSX-1 Service

##### A. ESSX-1 Intercommunication

1. Main Station Line - Intercommunication between all main station lines of the same ESSX-1 system. Main station lines may be arranged to originate or receive local and long distance calls directly, or through the attendant when console operation is provided.
2. Extension Station Line - An additional station line on an ESSX-1 main station line.
3. Console Access Loop - A main station line equivalent to an ESSX-1 Main Station Line that terminates in Attendant Console(s) or telephone set(s) used as consoles.

##### B. ESSX-1 Exchange Access

Exchange access is provided each ESSX-1 system by means of Network Access Registers, utilizing software and simulated facilities of the ESS central office from which the ESSX-1 system is served. Network Access Registers simulate physical hardware facilities and may be arranged individually or in groups with the same options available to PBX trunks.

##### C. Dormitory Stations

(Refer to Dormitory Communications Service as offered in Section A13.)

(T)

(T)

(M1)

#### A112.8.7 Rates

##### A. General

The rate elements for basic ESSX-1 service are exchange access, intercommunication and main station line, extension station line and station set.

###### 1. ESSX-1 Stations

- a. The rates and charges specified herein for ESSX-1 main stations provide for an ESSX-1 main station line component. The ESSX-1 main station line consists of all facilities, including intercommunication and outside plant facilities, from the ESSX-1 system dial switching equipment to the Network Interface of the ESSX-1 main station line.
- b. The rates and charges specified herein for ESSX-1 extension stations provide for an ESSX-1 extension station line component. The ESSX-1 extension station line consists of usage of traffic sensitive central office equipment.
- c. The rates and charges specified herein for ESSX-1 main station lines and extension station lines are applicable to each ESSX-1 main station location and ESSX-1 extension station location, respectively, for which a customer-provided instrument can be connected.
- d. Monthly net billing for interstate end user access charges will be equal to the interstate business end user access charge times the number of Network Access Registers provided each subscriber.

###### 2. ESSX-1 Exchange Access

- a. ESSX-1 Exchange Access is provided by means of Network Access Registers which are furnished at the rates, *terms, and conditions* specified in Section A3 for PBX trunks.

(T)

(M2)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.7 Rates (Cont'd)

##### B. Nonrecurring (Cont'd)

1. The following nonrecurring charges for ESSX-1 service are in addition to any applicable regular service, move, change and installation charges provided for in other sections. (T)(M1)

###### a. Service Establishment and Change Charge

###### (1) Initial Service Establishment Charge

	Nonrecurring Charge	USOC
(a) Each system	\$580.00	NA

###### b. Feature Establishment Charges

(1) These charges apply, as specified, when an optional feature is entered or changed. These charges apply in addition to other applicable nonrecurring charges.

(2) One or more optional features may be provided at the same time and in such instances the specified feature establishment charge will apply for each feature provided.

###### c. Installation Charges

(1) These installation charges are in addition to other appropriate nonrecurring charges for the ESSX-1 service.

###### d. Service Charges

(1) Service charges as specified for business service in Section A4. are applicable for each ESSX-1 main station line, console access loop, extension station line, etc. (T)

##### C. Recurring

###### 1. Common Equipment

	Installation Charge	Monthly Rate	USOC
(a) Each ESSX-1 System	\$2,924.25	\$72.60	ESS

###### 2. ESSX-1 Intercommunication Charge

###### a. Main Station Lines of an ESSX-1 System in all Exchange Rate Groups:

###### (1) Each ESSX-1 Group "A" main station line<sup>1</sup>

	ESSX Term Option		USOC
	36 Month	Monthly	
	Nonrecurring Charge	Rate	
(a) Main Station Line, each	-	\$12.75	EXA
(2) Each ESSX-1 Group "B" main station line <sup>1</sup>			

(M2)

###### (a) Main Station Line, each

**Note 1:** ESSX-1 Group "A" main station lines are not offered for new installations and may remain at Group "A" rates and charges only as long as they remain in service. If a Group "A" main station line is disconnected, any subsequent reinstatement of the main station line will be at rates and charges as specified for ESSX-1 Group "B" main station lines. (M2)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.7 Rates (Cont'd)

##### C. Recurring (Cont'd)

2. ESSX-1 Intercommunication Charge (Cont'd)
  - a. Main Station Lines of an ESSX-1 System in all Exchange Rate Groups: (Cont'd)
    - (2) Each ESSX-1 Group "B" main station line<sup>1</sup>

	Nonrecurring Charge	ESSX Term Option		USOC EXM
	Monthly Rate	36 Month	Monthly Rate	
(a) Main Station Line, each	\$-	\$12.15	\$12.40	
3. ESSX-1 Exchange Access Charge				
a. Network Access Registers				
(1) Flat Rate Service				
(a) Two-way operation, each <sup>2</sup>	\$-	EQA		
(b) One-way incoming operation, each <sup>2</sup>	-	EQB		
(c) One-way outgoing operation, each <sup>2</sup>	-	EQC		
(d) One-way outgoing toll access for hotel guest dialing operation, each <sup>3</sup>	-	EQD		
(2) Message Rate Service				
(a) Two-way operation <i>initial</i> , each <sup>4</sup>	-	EQE		
(b) Two-way operation, additional, each <sup>4</sup>	-	EQG		
(c) One-way outgoing operation <i>initial</i> , each <sup>4</sup>	-	EQF		
(d) Two-way operation, additional, each	-	EQK		

**Note 1:** The monthly rate in A112.8.7.C.2.a.(2) preceding applies for ESSX-1 Group "B" main station lines located within one mile (airline distance) of the serving ESSX-1 central office. At locations beyond one mile (airline distance) of the main switching equipment, distance and mileage charges as outlined in A112.8.5.C. apply for each unrestricted and restricted main station line.

**Note 2:** Apply same charges, rates, *terms, and conditions* as specified in Section A3 for a flat rate central office PBX trunk line. (T)

**Note 3:** Apply same *terms, and conditions* for long distance trunks as specified in other sections. (T)

**Note 4:** Apply same charges, rates, *terms, and conditions* as specified in Section A3 for a Message Rate Central Office PBX Trunk line service. (T)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.7 Rates (Cont'd)

##### C. Recurring (Cont'd)

- 3. ESSX-1 Exchange Access Charge (Cont'd)
  - a. Network Access Registers (Cont'd)
    - (3) For use as Toll Terminals

	Monthly Rate	USOC EQD
(a) Each <sup>1</sup>	-	-

- 4. ESSX-1 Extension Station Line Charge

	ESSX Term Option		
	36 Month		USOC
	Monthly Rate	Monthly Rate	
(a) Located on same premises as main station line, each	\$ 3.25	\$ 3.25	EX3
(b) Located on different premises from main station line on non-continuous property, <sup>2</sup> each	12.15	12.40	EC8
(c) Located on different premises from main station line on same continuous property, <sup>3</sup> each	3.25	3.25	EX5
5. Main Station Lines Terminated as Trunks			
a. Where an ESSX-1 main station line terminates as a trunk in a PBX system, order turret, automatic call distributor or similar concentrating device, rates and charges apply as set forth below:			
(1) ESSX-1 Group "B" main station line rates, ESSX distance charges and optional feature charges apply as appropriate.			
(2) All PBX equipment associated with "PBX behind ESSX-1 service" will be rated at rates and charges as set forth in Sections A11 or A111.			(T)
Note 1: Apply rates and charges for Long Distance Trunks arranged for connection to either toll switchboard positions or the DDD network (USOC: TTTXA) as specified in Section A13..			
Note 2: ESSX-1 Group "B" main station line and associated distance charges apply.			
Note 3: Apply rates and charges specified in this <b>Guidebook</b> for extension line mileage.			(T)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services

(Obsoleted 11-01-95, Type 4) Service rates and charges in this section are not available for new installations, moves, transfers of service or replacements or additions to existing service.

##### Obsolescence Rules

1. ESSX-1 service subscribers under a month-to-month payment option will be allowed to maintain their existing service at month-to-month rates.
2. ESSX-1 service subscribers under contract will be allowed to maintain their ESSX-1 service under the rates and charges outlined in this Section. (T)

##### A. Attendant Services

###### 1. 50A Consoles

(Obsoleted 9-2-81, Type 3)

(Obsoleted 12-19-79, Type 2)

###### a. General

- (1) The 50A Consoles are provided only where the central office serving the ESSX-1 System has been arranged for use with such consoles.
- (2) One-way call splitting is provided and allows the attendant to exclude only the incoming calling party while announcing the incoming call to the called party.
- (3) The Direct Station Selection (DSS) capability is only available with the 131 and 151 type console and is included in the console rate. The ESSX-1 station lines equipped for DSS must be in consecutive one hundred station number group(s). Station lines equipped for DSS may, as an option, be equipped for station line visual busy indication on a "per key" basis. Where more than one console is equipped for the DSS and station busy lamp indication feature, the DSS and station busy indication on the second console are a multiple appearance of the first console. Only two consoles may be equipped with the DSS-Busy Lamp Field (BLF). The DSS-BLF feature can be provided only to the main stations at the same location as the consoles.
- (4) The ESSX-1 Primary Feature Package at rates as specified in Section A112.26.8.C.1. is required with each ESSX-1 circuit designated as a Console Access Loop. (T)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### A. Attendant Services (Cont'd)

###### 1. 50A Consoles (Cont'd)

###### a. General (Cont'd)

(5) Each ESSX-1 circuit (Console Access Loop), terminating on a console loop key requires a Loop Terminating Equipment.

(6) Console Access Loops are required between the No. 1 ESS serving the ESSX-1 System and the console location. These facilities are used to complete incoming calls for the listed directory number and may be arranged for completing dial "0" traffic. In addition, Console Access Loops have the same capabilities as ESSX-1 station lines. Console Access Loops terminate directly on apparatus of a specific console. Multiple appearances of a Console Access Loop are not provided.

(7) Night Service is provided by use of Directed Call Pickup optional feature of the ESSX-1 System on the listed directory number.

(8) Control channels are required for various console optional features as indicated and are provided at the appropriate rates and charges as specified.

###### b. Rates

###### (1) Common Equipment for 50A Consoles

	Monthly Rate	USOC
	\$4.55	EAS
(a) Attendant Access Circuit, each <sup>1</sup>		
(2) Console Access Loop		
(a) Each (maximum of 14 per console <sup>1</sup> )	12.40	EAR
(3) Common Equipment for Optional Features		
(a) Circuit group busy (one required per circuit group busy indication), each	2.55	EAX
(b) Position busy <sup>1</sup> (position busy may not be provided for a one position arrangement), per console	.90	CXJ
(c) Multiple Position Hunt for ESSX-1 systems provided with more than one 50A Console, per system <sup>2</sup>	27.60	CXH
(d) Fixed night service <sup>1</sup>	4.35	CXX
c. Customer Premises Equipment... Consoles etc.		

See Section A114. for rates and charges for 50A Consoles and associated customer premises equipment.

(T)

**Note 1:** See A112.26.8.C.1. for charges applicable for associated ESSX-1 Primary Feature Package and optional features.

**Note 2:** Charges for the appropriate line hunting arrangements associated with multiple position hunt are specified in A112.26.8.C.2.b.(16).

(T)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### A. Attendant Services (Cont'd)

Central office attendant console operation is offered as an auxiliary service with ESSX-1 service.

The Call Transfer - Attendant feature is furnished with non-Data or Data Link Console operation.

As an alternative the subscriber may designate a selected main station line or main station lines to perform attendant functions. Incoming calls to the listed directory number are connected to the selected main station line and then completed to the desired party by operation of the Call Transfer Feature as offered in the ESSX-1 Primary Feature Package in A112.8.8.C.1.b.(1) following.

2. Central Office Components Rates and Charges for non-Data Link Consoles operations.

##### a. General

- (1) Consoles may be provided only where the Central Office serving the ESSX-1 system has been arranged for use with such consoles.
- (2) Each Attendant Access Line terminating on the console requires an Attendant Access Circuit (USOC EAS).
- (3) Attendant Access lines are required between the No. 1 ESS serving the ESSX-1 System and the console location. These facilities are used to complete incoming calls for the listed directory number and may be arranged for completing dial "0" traffic. In addition, Attendant Access Lines have the same capabilities as ESSX-1 station lines. Attendant Access Lines terminate directly on apparatus of a specific console. Multiple appearances of an Attendant Access Line are not provided.
- (4) The ESSX-1 Primary Feature Package, at rates as specified in A112.8.8.C.1.b.(1), is required with each ESSX-1 circuit designated as an Attendant Access Line. (T)
- (5) Night Service is provided by use of the Directed Call Pickup optional feature of the ESSX-1 System on the listed directory number.
- (6) Control channels are required for various console optional features as indicated and are provided at the appropriate rates and charges as specified.

##### b. Rates

	Installation Charge	Monthly Rate	USOC
(1) Central office Common Equipment for Consoles			
(a) Attendant access circuit (one required per Attendant Access Line), each	-	\$4.35	EAS
(2) Attendant Access Line			
(a) Each <sup>1</sup>	-	-	EAR
<b>Note 1:</b> ESSX-1 Group "B" month-to-month main station charges apply. In addition, see A112.8.8.C.1 for charges applicable for associated ESSX-1 Primary Feature Package and optional features.			

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### A. Attendant *Services* (Cont'd)

###### 2. Central Office Components Rates and Charges for non-Data Link Consoles operations. (Cont'd)

###### b. Rates (Cont'd)

	Installation Charge	Monthly Rate	USOC
(3) Common Equipment for Optional Features			
(a) Position busy <sup>1</sup> (position busy may not be provided for a one position arrangement), per console.	-	\$4.10	CXJ
(4) Multiple Position Hunt for ESSX-1 systems provided with more than one Console.			
(a) Per system (charges for the appropriate line hunting arrangements associated with multiple position hunt are specified in A112.8.8.C.2.b.(15) following)	-	27.60	CXH
(b) Fixed night service <sup>1</sup>	-	4.35	CXX
(5) Optional Features for non-Data Link Consoles			
(a) Auxiliary attendant features <sup>2</sup>	-	-	-
c. 50B Customer Premises Equipment, Consoles, etc.			
(1) Rates and charges as specified in Section A14 apply as appropriate.			(T)
3. Central Office Components Rates and Charges For Universal Data Link Console Operations.			
a. General			
(1) Data Link Console operation utilizes universal cordless telephone consoles and is provided only where the central office serving the ESSX-1 system has been arranged for use with such console operation.			
(2) Console Access Loops are required for each ESSX-1 system equipped for data link console operation. These facilities are used to complete incoming calls for the listed directory number and may be arranged for completing dial "O" traffic. In addition, console access loops have the same capabilities as ESSX-1 main station lines. Console access loops terminate on the data link common equipment.			
(3) The ESSX-1 Primary Feature Package at rates as specified in A112.8.8.C.1.b.(1) is required with each ESSX-1 circuit designated as a Console Access Loop.			(T)
(4) The Night Service feature is provided by means of a Nite Key on the console.			
(5) The console can be made to appear busy on incoming calls by the operation of the busy key on the console or by the removal of the attendant headset.			
<b>Note 1:</b> See Private Line <i>Guidebook</i> for charges applicable for associated Supervisory Control Channel.			
<b>Note 2:</b> As specified in A112.8.8.B.			(T)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### A. Attendant Services (Cont'd)

###### 3. (Cont'd)

###### a. General (Cont'd)

- (6) Busy Verification is a console attendant position optional service arrangement which permits the ESSX-1 system attendant to verify the status of main station lines, CCSA, SCAN, EPSCS, ETS and tie line terminations associated with that system.
- (7) Call Waiting is provided to inform the attendant that calls are waiting to be answered.
  - The optional feature "Variable Trigger" on calls waiting lamps provides a more dynamic representation of the length of queue for data link console positions.
- (8) Incoming call identification provides the attendant with a means of identifying the source and type of incoming calls to be answered.
- (9) Trunk group busy lamps inform the attendant that all trunks in a particular trunk group are busy.

###### b. Rates and Charges for Central Office Components

###### (1) Data Link Frame/Common Equipment

	Installation Charge	Monthly Rate	USOC EDX
(a) Per control cabinet	\$1,389.50	\$428.00	
(2) Data link circuit - duplex (one required per control cabinet) - See Private Line <i>Guidebook</i> for charges applicable for Series 2100, Type 2103 local Channel.			(T)
(3) Console Access Loop			

  

	Monthly Rate	USOC EDA
(a) Each <sup>1</sup>	\$12.40	

###### (4) Optional Features for Data Link Console

	Feature Establishment Charge	Monthly Rate	USOC EDSVC
(a) Busy Verification of Main Station Lines and Trunks by Attendant, Per ESSX-1 System When provided with initial installation	\$77.50	\$5.65	
(b) Busy Verification of Main Station Lines and Trunks by Attendant, Per ESSX-1 System Subsequent installations	155.00	5.65	EDSVC
(c) Auxiliary Attendant Features <sup>2</sup>	-	-	NA

**Note 1:** The monthly rate is the same as the ESSX-1 Group "B" month-to-month main station line charge.

**Note 2:** As specified in A112.8.8.B.

(T)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### A. Attendant *Services* (Cont'd)

- 3. (Cont'd)
  - b. Rates and Charges for Central Office Components (Cont'd)
    - (4) Optional Features for Data Link Console (Cont'd)

Feature	Establishment	Monthly	USOC
	Charge	Rate	EWV
(d) Variable Trigger on Calls Waiting Lamps console (applicable to each console in multiple)	\$-	\$2.10	
c. Customer Premises Equipment, Consoles, etc.			
(1) Rates and charges as specified in Section A14 or A114 =apply as appropriate.			(T)
4. Use of Non-Key Telephone Set or Key Telephone System in lieu of Console Operation			
a. General			
(1) Non-Key Telephone Sets or Key Telephone Systems may be used for attendant operations. Each main station line terminated for attendant use must be provided with the ESSX-1 Primary Feature Package at rates as specified in Section A112.8.8.C.1. b.(1).			(T)
(2) Each ESSX-1 circuit designated as an Attendant Access Loop, terminating in a Key Telephone System requires a Line Termination in the Key System.			
(3) Attendant Access Loops are required between the No. 1 ESS serving the ESSX-1 system and the answering location. These facilities are used to complete incoming calls for the listed directory number and may be arranged for completing Dial "0" traffic. In addition, Attendant Access Loops have the same capabilities as ESSX-1 station lines. Access Loops terminate in the Key System and multiple appearances of an Access Loop may be provided within the limits of the associated Key Telephone System.			
(4) Recorded intercept is provided utilizing common announcement facilities located within the Central Office.			
b. Rates			
(1) Non-Key or Key Telephone System Access Loop			

Monthly	Rate	USOC
(a) Each <sup>1</sup>	\$12.40	EAL

**Note 1:** The monthly rate is the same as the ESSX-1 Group "B" month-to-month main station charge.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### B. Auxiliary Attendant Features

		Feature Establishment Charge	Monthly Rate	USOC
1.	Attendant Control of Facilities			
	(a) Non-Data Link Consoles, per group of lines to which access is denied, <sup>1</sup> each group	\$227.50	\$6.50	CFC
	(b) Data Link Consoles, per group of lines to which access is denied, <sup>1</sup> each group	227.50	6.50	CFU
2.	Selected Customer Control of Facilities <sup>2,3,4</sup>			
	(a) Common equipment, per system	237.25	13.05	SFY
	(b) Per facility group to which access is denied <sup>1</sup>	17.50	5.80	SFF
3.	Attendant Conference			
	(a) Each arrangement	193.75	99.75	RKT
4.	Attendant Camp-On			
	(a) Per Console Access Loop, each	-	1.45	1CO
	(b) Per System, each installation	22.25	-	NA
5.	Dial "O" Calling			
	(a) Per access loop, so equipped <sup>5</sup>	-	5.90	EEO

**Note 1:** In addition, apply same rates and charges as specified for a Type 1105 Local Channel as contained in A13.1 between the serving central office and the customer premises and for the Key Telephone Service transfer key associated with that channel.

(T)

**Note 2:** Selected Customer Control of Facilities is a non-Data Link and Data Link attendant position optional service arrangement which permits the attendant to restrict the access of all main station lines to specific facility groups which are a part of a predetermined routing pattern.

**Note 3:** When the Selected Customer Control of Facilities optional service arrangement is activated for a facility group, calls directed to that group will automatically proceed to the next idle route designed in the routing pattern.

**Note 4:** When a facility group is restricted by use of the Selected Customer Control of Facilities optional service arrangement, access to that group is restricted whether the call attempt is via a predetermined routing or normal access method.

**Note 5:** Dial "O" calling charge is in addition to charges applicable for console access loops and other associated items, except for data link console loops. In such cases, charge applies per data link console rather than per access loop.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### B. Auxiliary Attendant Features (Cont'd)

		Feature Establishment Charge	Monthly Rate	USOC
6.	Attendant Emergency Override, <sup>1</sup> per ESSX-1 System			
	(a) Data link console operation	\$67.75	\$4.95	ERU
	(b) Non-Data Link Console or key telephone system operation arranged for attendant use <sup>1</sup>	67.75	5.55	ERV
7.	Group Use Service			
	(a) Per system arranged to initiate outgoing calls	60.00	-	NA
	(b) Per main station line (applicable to each main station line of the system)	-	.65	EGR
8.	ESSX-1 Access Lines to Customer-Oriented Facilities <sup>2,1,3,4,5,6</sup>			
a.	Access to Recorded Telephone Dictation Equipment			
	(1) First line equipped for dial access			
	(a) each	242.00	40.65	EWA
	(2) Per additional line equipped			
	(a) Each <sup>7</sup>	155.00	40.65	EWB

**Note 1:** Feature establishment charge applicable only when provided subsequently to provision of Data Link Console.

**Note 2:** Dial "O" calling charge is in addition to charges applicable for console access loops and other associated items, except for data link console loops. In such cases, charge applies per data link console rather than per access loop.

**Note 3:** See Private Line *Guidebook* for rates and charges applicable for control channels when required for supervisory purposes with equipment and/or apparatus located on customer premises.

(T)

**Note 4:** The above items are required whether access lines and access codes are connected to terminal equipment provided by the customer or by the Company.

**Note 5:** ESSX-1 main station line charges also apply to each access line or access code arranged (originate or answer) for connection to customer oriented facilities.

**Note 6:** All rates and charges for the above features are in addition to existing rates and charges for ESSX-1 and other services with which they are associated.

**Note 7:** Feature Establishment Charge applicable only when provided subsequently to the provision of the initial arrangement.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### B. Auxiliary Attendant Features (Cont'd)

###### 8. (Cont'd)<sup>1,2,3,4,5,6</sup>

	Feature Establishment Charge	Monthly Rate	USOC
b. Access to Dial Code Sending Equipment			
(1) Code Calling			
(a) Per customer premises location <sup>7</sup>	\$193.75	\$97.40	PLC
c. Access to Loudspeaker Paging Equipment			
(1) Loudspeaker Paging Origination, for dial access to paging equipment, per main station line equipped with access code	225.50	60.05	EWJ
(a) Each	140.50	8.70	EWK
(2) Additional for zone paging option	-	2.30	EWG
(a) Per zone			
(3) Loudspeaker Paging Answer, per main station line equipped with access code			
(a) Each <sup>8</sup>	140.50	8.70	EWK
<b>Note 1:</b>	Dial "O" calling charge is in addition to charges applicable for console access loops and other associated items, except for data link console loops. In such cases, charge applies per data link console rather than per access loop.		
<b>Note 2:</b>	Feature establishment charge applicable only when provided subsequently to provision of Data Link Console.		
<b>Note 3:</b>	See Private Line <i>Guidebook</i> for rates and charges applicable for control channels when required for supervisory purposes with equipment and/or apparatus located on customer premises.		
<b>Note 4:</b>	The above items are required whether access lines and access codes are connected to terminal equipment provided by the customer or by the Company.		
<b>Note 5:</b>	ESSX-1 main station line charges also apply to each access line or access code arranged (originate or answer) for connection to customer oriented facilities.		
<b>Note 6:</b>	All rates and charges for the above features are in addition to existing rates and charges for ESSX-1 and other services with which they are associated.		
<b>Note 7:</b>	In addition, apply same rates and charges as specified for an ESSX-1 Main Station Line. Code Calling Equipment and auxiliary signal equipment will be provided by the customer.		
<b>Note 8:</b>	Feature Establishment Charge applicable only when answer option is provided subsequent to initial installation.		

(T)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### B. Auxiliary Attendant Features (Cont'd)

###### 9. Centralized Attendant Service

###### a. General

###### (1) Description

Centralized Attendant Service (CAS) allows a customer with a number of locations that are served by either a PBX or ESSX-1 system to concentrate all attendants at a single centralized location (Main). Incoming calls over a local exchange trunk to an unattended location (Branch) are routed to the main location, via a Release Link Trunk (RLT), where a CAS attendant completes the call by dialing the called party's extension number over the same Release Link Trunk facilities.

###### (2) Types of Equipment With Which CAS is Associated

The main location must be an ESSX-1 system that is equipped for this service and utilizes data link console operation.

The branch locations must be one of the following:

- An ESSX-1 System

- A location that has switching equipment that is customer-provided or is in an area that is served by another company can be interconnected as a branch location only if the switching equipment is compatible with the Company's.

(T)

###### (3) Basic Service Features

Incoming Call Identification Lamp (ICL) - A visual indication will be given for the source of all calls directed to the attendant.

Remote Hold - Enables the attendant to hold a call without holding an RLT. The call is temporarily placed on hold at the originating PBX and automatically routed to an attendant after approximately 30 seconds.

Customer Testing of Release Link Trunks - Permits each RLT to a PBX branch to be dial accessed by the centralized attendant to insure it is in service and that the transmission performance is adequate.

Attendant Call Distribution - Queues and distributes calls to the CAS attendants. This provides administrative control over the team of attendants and enables the calls from the branch locations to be handled in their approximate order of arrival, as attendant positions become available.

Attendant Recall on "Station Don't Answer" - All PBX type branch locations provide a timed reminder, generally after 30 seconds, to automatically recall the attendant if a called main station line does not answer.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### B. Auxiliary Attendant Features (Cont'd)

	Feature Establishment Charge	Monthly Rate	USOC
9. Centralized Attendant Service (Cont'd)			
b. Rates and Charges			
(1) Release Link Trunk Terminal Equipment, Main Location			
(a) Per ESSX-1 system	\$185.00	-	NA
(b) Per Release Link Trunk group <sup>1</sup>	50.00	-	NA
(c) Release Link Trunk, each termination	19.25	\$135.55	EC6
(2) Release Link Trunk Terminal Equipment, Branch Location			
(a) Per ESSX-1 system	365.00	-	NA
(b) Per release link trunk group <sup>1</sup>	50.00	-	NA
(c) Release link trunk, first two terminations	38.75	36.80	EC4
(d) Release link trunk, additional terminations after the first two, each	19.25	18.40	EC5
Each of the above rate elements provide only the basic release link trunk termination equipment facilities located at the central office where the basic ESSX-1 service is provided and is in addition to other rates and charges applicable for the associated ESSX-1 service and Private Line Service and Channels.			
Each Release Link Trunk termination requires 2 channels between the Main and Branch locations.			
Release Link Trunk Termination Equipment charges are in lieu of Tie Line and Miscellaneous Line Termination charges.			
(3) CAS Attendant			(T)
Console Equipment as specified in A112.8.8.A. for Data Link Console(s).			
(4) Uniform Numbering			
(a) Per ESSX-1 location	16.00	-	NA
(b) Each 100 numbers or fraction thereof	11.00	-	NA
10. Dial Thru Attendant, per ESSX-1 System			
(a) Data link console operation	63.00	8.35	EWM
(b) Non-Data Link Console or key telephone system operation arranged for attendant use	63.00	7.35	EWP

**Note 1:** One Feature Establishment Charge applies when any number of release link trunk groups of the same type are installed at the same time at the same location.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### B. Auxiliary Attendant Features (Cont'd)

###### 11. Customer Controlled Station Restriction and/or Electronic Message Registration.

###### a. Central Office Components

###### (1) Service Establishment Charge

	Service Establishment Charge	Monthly Rate	USOC NA
(a) For either or both features	\$9,900.00	-	
	Feature Establishment Charge	Monthly Rate	USOC
(2) Common Equipment <sup>1</sup>			
(a) Per system, each (capacity 15 consoles, 2030 main station lines)	-	\$305.00	EHE
(b) Per inquiry and display console	-	11.60	EHF
(c) Per main station line equipped	-	.25	EHG
(3) Electronic Message Registration			
(a) Console common equipment, per console <sup>2</sup>	\$184.00	38.75	EHH
(b) Per main station line equipped	6.75	.05	EHJ
(4) Customer-Controlled Station Restriction			
(a) Common Equipment, <sup>3,4</sup> each arrangement	213.00	53.25	EHK
(b) Line Configuration Packages, <sup>5</sup> per system	48.50	13.55	EHL
(c) Line Configuration Packages, per main station line equipped	6.75	.20	EHM
(d) Announcements, Common equipment, each <sup>6</sup>	-	52.30	EHP
(e) Announcements, each trunk	-	38.75	EHQ

**Note 1:** Applicable for either or both features.

**Note 2:** Private Line *Guidebook* rates for two 2103 local channels for each display and unit apply.

(T)

**Note 3:** Applicable to each controlling main station line arranged for control of station restrictions.

**Note 4:** The controlling main station line may be a station, attendant console or inquiry and display console.

**Note 5:** Maximum 8 per system. The rates and charges per system and per main station line equipped are the same for one-line configuration or up to and including eight line configuration packages.

**Note 6:** One required for each separate announcement text.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### B. Auxiliary Attendant Features (Cont'd)

	Feature Establishment Charge	Monthly Rate	USOC
12. Flexible Incoming Call Restriction			
(a) Common Equipment, per group of main station lines <sup>1</sup>	\$126.00	\$ .60	FRG
(b) Common Equipment, per main station line, equipped	14.50	.05	FRA
(c) Announcements, Common equipment, <sup>2</sup> each	-	52.30	EHP
(d) Announcements, each Trunk	-	38.75	EHQ
13. Station Direct Inward Dialing Restriction			
(a) Per Group of Main Station Lines Arranged, per occasion	72.50	-	EHS
14. Station Number Correlation			
(a) Per system <sup>3,4</sup>	-	-	EHR
15. Automatic Time and Charge Reporting Service			
(a) Each <sup>5</sup>	-	-	TCW

**Note 1:** A manual key is required on customer premises per group of main station lines restriction. See Private Line *Guidebook* for charges applicable for Type 1105 Local Channel per key, between the No. 1 ESS serving central office and the customer premises. (T)

**Note 2:** One required for each separate announcement text.

**Note 3:** Apply charges for Uniform Numbering as specified in A112.8.8.B.9.b.(3) preceding.

**Note 4:** Rates and charges applicable are specified in other sections. (T)

**Note 5:** See Section A13. for charges applicable for this service. (T)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### B. Auxiliary Attendant Features (Cont'd)

###### 16. Outgoing Trunk Queuing - WATS (OTQ) - Phase 1<sup>1,2</sup>

	Feature Establishment Charge	Monthly Rate	USOC
a. Common Equipment			
(1) Per OTQ Arrangement			
(a) Each	\$1,321.75	\$203.35	OTQ
(b) Queue, each	237.25	5.35	OTT
(c) Queue Slot, each	-	25.20	OTU
b. Optional Features			
(1) Attendant Key Control to Inhibit Inflow/Outflow <sup>3,4</sup>			
(a) Common Equipment for Inhibit Inflow, each	159.75	2.30	OTA
(b) Common Equipment for Inhibit Outflow, each	159.75	2.30	OTB
(2) Recorded Announcement <sup>5</sup>			
(a) Each	140.50	35.85	OTC
(3) Music on Queue Common Equipment <sup>6</sup>			
(a) Each	140.50	125.90	OTD

**Note 1:** The OTQ - Phase 1 feature is only available for ESSX-1 systems equipped with Customer Facility Group Network Access Registers from No. 1 ESS central offices equipped with the 1E5 or later generics. This feature can only be offered to serve main station lines (excluding the attendant) that are co-located in the same ESSX-1 as the WATS simulated facilities.

**Note 2:** Calls in queue may overflow to the MTS (Toll) or to tone; customer option.

**Note 3:** The Inhibit Inflow/Outflow optional features require separate control channel(s) between the central office and the control key(s) at the customer premises, one per queue. *Guidebook* rates apply for Type 1105 Local Control Channel between the keys on customer premises and the ESSX-1 central office.

**Note 4:** Customer may specify the length of time a call is held in queue (threshold time limit) before overflowing to the MTS Network or to overflow tone.

**Note 5:** The text and announcement provided with the Recorded Announcement optional feature will be provided by the Company.

**Note 6:** In addition to the rates shown for the Music on Queue optional feature, rates specified in the Private Line *Guidebook* for a voice grade (Type 2123) Local Channel between the central office and the customer-provided music source at the customer premises applies.

(T)

(T)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### B. Auxiliary Attendant Features (Cont'd)

###### 16. Outgoing Trunk Queuing - WATS (OTQ) - Phase 1<sup>1,2</sup> (Cont'd)

###### c. Changes and Rearrangements

###### (1) Change in any of the following:

		Nonrecurring Charge	USOC
(a)	Common Equipment	\$185.00	NA
(b)	Quantity of Queue Slots	65.00	NA
(c)	Queue threshold time limit	65.00	NA
(d)	Inhibit Inflow	33.00	NA
(e)	Inhibit Outflow	33.00	NA
(f)	Silence on Queue (Apply Feature Establishment Charge as specified)	-	OTT
(g)	Recorded Announcement (Apply Feature Establishment Charge as specified)	-	OTC
(h)	Change in Overflow Arrangement	65.00	NA
(i)	Music on Queue (Apply Feature Establishment Charge as specified)	-	OTD
(j)	Priority, per Main Station Line <sup>3</sup>	4.00	NA

###### 17. Source Billing of Attendant Handled Calls, per main station line billing number

	Feature Establishment Charge	Monthly Rate	USOC
(a)	\$2.75	\$.10	SBD
(b)	4.75	.10	SBD

###### 18. Attendant Call Thru Test on Tie Trunks

(a) Per system	202.25	2.15	TET
----------------	--------	------	-----

**Note 1:** The OTQ - Phase 1 feature is only available for ESSX-1 systems equipped with Customer Facility Group Network Access Registers from No. 1 ESS central offices equipped with the 1E5 or later generics. This feature can only be offered to serve main station lines (excluding the attendant) that are co-located in the same ESSX-1 as the WATS simulated facilities. (C)

**Note 2:** Calls in queue may overflow to the MTS (Toll) or to tone *at the customer's* option. (T)

**Note 3:** Priority queuing is available with initial installation of OTQ-WATS at no additional charge.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### C. Optional Features

###### 1. ESSX-1 Primary Feature Package<sup>1</sup>

###### a. General

- (1) The ESSX-1 Primary Feature Package as specified in A112.7.8.C.1.b.(1) is required with each listed directory number and associated main station lines in a multiline hunt arrangement and/or each ESSX-1 main station line equipment number designated as a console access loop or terminated in telephone sets used as attendant consoles.<sup>2</sup>
- (2) ESSX-1 Primary Feature Packages are optional on all other individual main station lines.
- (3) ESSX-1 Primary Feature Packages comprise the necessary equipment and facilities to provide the following service features in addition to those listed in A112.7.1.A. basic to ESSX-1 service.
- (4) Added Call Transfer Option is available only to ESSX-1 Systems or Split Service groups of a ESSX-1 System arrangement for call transfer-ALL CALLS.

###### b. Rates

- (1) Per Number Listed in the Directory and/or all main station lines terminating in attendant consoles, or in telephone sets used as consoles and those lines that hunt with the above, each.<sup>2</sup>

ESSX Term Option				
	Feature Establishment	36 Month Monthly	Monthly	USOC
	Charge	Rate	Rate	EE8
(a)	Three-way calling, consultation hold and call transfer-INDIVIDUAL <sup>3</sup>	\$2.75	\$1.70	\$1.70
(b)	Three-way calling, consultation hold and call transfer-ALL CALLS <sup>3</sup>	2.75	2.40	2.40

(M)

**Note 1:** The 36-month monthly rate for a primary feature package may be offered only to station lines under the 36-month contractual rate.

**Note 2:** ESSX numbers indented under the user's own residence service listing in the alphabetical directory are excluded from this Listed Directory Number requirement. The Primary Feature Package is optional for these listings, and if provided, will be at charges for USOC: E8A or E9A in addition to applicable charges in Section A6.

**Note 3:** An ESSX-1 System may be provided with only one type of Call Transfer capability without using the Split Service feature. If more than one type of Call Transfer is provided within the same ESSX-1 System, the Split Service feature as specified under Secondary Optional Features following is required.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### C. Optional Features (Cont'd)

1. ESSX-1 Primary Feature Package<sup>1</sup> (Cont'd)
  - b. Rates (Cont'd)

		ESSX Term Option				
	Feature	36 Month				
	Establishment Charge	Monthly Rate	Monthly Rate	USOC		
(2) Per ESSX-1 Main Station line, so equipped						(T)
(a) Three-way calling, consultation hold and call transfer-INDIVIDUAL <sup>2</sup>	\$ 2.75	\$1.70	\$1.70	E8A	(T)(M)	
(b) Three-way calling, consultation hold and call transfer-ALL CALLS <sup>2</sup>	2.75	2.40	2.40	E9A		
(3) Added Call Transfer-ALL CALLS Option						
(a) Change in call transfer capabilities, per rearrangement, per system	158.75	-	-	CTP		
(4) Call forwarding variable, call forwarding busy line, call forwarding don't answer, call hold, call pickup and speed-calling-6 customer changeable list						
(a) Per preset pickup group	10.50	1.85	1.85	E3N		
(b) Per main station line so equipped <sup>3</sup>	12.75	3.75	4.10	EBL		

2. Secondary Optional Features

- a. General

- (1) ESS Optional Feature Service is furnished from No. 1/1A Electronic Switching System (ESS) central office equipment located on Company premises and may be provided, subject to the availability of facilities, to Centrex Type Services systems which are served by the same such equipment.
- (2) A Secondary Service Charge as specified in Section A4. for moves and changes will apply for features added or changed subsequent to the initial installation of a station.

**Note 1:** The 36-month monthly rate for a primary feature package may be offered only to station lines under the 36-month contractual rate.

**Note 2:** An ESSX-1 System may be provided with only one type of Call Transfer capability without using the Split Service feature. If more than one type of Call Transfer is provided within the same ESSX-1 System, the Split Service feature as specified under Secondary Optional Features following is required.

**Note 3:** All features in this package must be installed.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### C. Optional Features (Cont'd)

###### 2. Secondary Optional Features (Cont'd)

###### b. Rates

	Feature Establishment Charge	Monthly Rate	USOC
(1) Automatic Callback			
(a) Common Equipment, per system	\$509.75	\$32.90	ACY
(b) Per main station line equipped	2.25	.85	SAK
(2) Call Forwarding			
(a) Variable per main station line <sup>1</sup>	1.75	1.45	EAT
(b) Don't Answer per main station line <sup>2</sup>	1.75	.95	E9G
(c) Busy Line per main station line	-	.95	E6G75
(3) Call Forwarding Over Private Facilities <sup>3</sup>			
(a) Common Equipment, per system	96.75	93.95	EAY
(b) Per main station line equipped <sup>1</sup>	1.70	5.10	EAP

(M)

**Note 1:** Where facilities permit, includes Reminder Ring which provides for a distinctive ringing signal to be furnished to a Call Forwarding-Variable or Call Forwarding Over Private Facilities equipped main station line at the time a call is forwarded.

**Note 2:** At the time a main station line is initially equipped for Call Forwarding - Don't Answer, it will be arranged for a predetermined number of ringing cycles to be completed prior to the incoming call being forwarded.

**Note 3:** In the initial implementation, CFPF cannot be activated to ETS or EPSCS facilities. Subsequent development in the 1E7 generic will provide these capabilities. Also, CFPF cannot be provided to any customer for use with any facility, ARS Pattern or switched service network involving Foreign Exchange Services. Subsequent development will remove this administrative control.

**Note 4:** Prior to 1E6 generic, only standard ringing and standard call waiting tones are available to users. With this optional feature development in 1E6, two classes of distinctive ringing in addition to standard ringing will be available to users to identify the source of incoming calls to the main station line. The development also includes distinctive tones to be associated with Call Waiting Features. Three classes of ringing and tones will be available to the ESSX-1 user.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### C. Optional Features (Cont'd)

2. Secondary Optional Features (Cont'd)
  - b. Rates (Cont'd)

		Feature Establishment Charge	Monthly Rate	USOC	
(4)	Distinctive Ringing and Call Waiting Tone <sup>1</sup>				(T)
(a)	Common equipment for either or both Class B and C ringing/tone, per system	\$179.25	\$30.00	DRR	(M1)
(b)	Class B ringing/tone, per main station line equipped	1.45	1.45	BRT	(M1)
(c)	Class C tone per main station line equipped with Call Waiting-Originating or Dial Call Waiting	1.45	.80	ODT	
(d)	Class C ringing/tone per pre-emptible SCAN access line terminal	1.45	.80	CCN	
(5)	Call Pickup				
(a)	Per preset pickup group	10.50	1.85	E3N	
(b)	Per main station line, each <sup>2</sup>	2.50	.75	E3P	
(6)	Call Waiting				
(a)	Terminating, per main station line	2.50	1.30	ESX75	
(b)	Originating, per main station line	2.50	1.45	ESZ	
(c)	Originating, per system	38.00	-	NA	
(d)	Intragroup, per main station line	2.50	1.45	E6N	
(e)	Dial, per main station line	2.50	1.70	E6C	
(f)	Intragroup, per system	12.25	-	NA	

**Note 1:** Prior to 1E6 generic, only standard ringing and standard call waiting tones are available to users. With this optional feature development in 1E6, two classes of distinctive ringing in addition to standard ringing will be available to users to identify the source of incoming calls to the main station line. The development also includes distinctive tones to be associated with Call Waiting Features. Three classes of ringing and tones will be available to the ESSX-1 user.

**Note 2:** Not applicable to main station lines also arranged for Directed Call Pickup.

(M2)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### C. Optional Features (Cont'd)

###### 2. Secondary Optional Features (Cont'd)

###### b. Rates (Cont'd)

		Feature Establishment Charge	Monthly Rate	USOC	
(7)	Calling Waiting Originating and Attendant Camp-On Options				(T)
(a)	Feature Establishment Charge <sup>1</sup>	<b>\$164.90</b>	-	NA	(T)(M1)
(b)	Silence option, per group of 22 silence ports <sup>2</sup>	<b>50.00</b>	<b>\$ 50.35</b>	SLJ	(T)(M1)
(c)	Silence option, port connecting circuit, each <sup>2</sup>	<b>26.25</b>	<b>13.45</b>	SLK	(T)(M1)
(d)	Recorded Announcement option, per group of 20 recorded announcement ports	<b>50.00</b>	<b>114.25</b>	RA2	
(e)	Recorded Announcement option, port connecting circuit, each	<b>26.25</b>	<b>12.60</b>	RPC	
(f)	Music option, per group of 22 music ports <sup>3</sup>	<b>50.00</b>	<b>178.15</b>	MUS	(T)
(g)	Music option, port connecting circuit, each	<b>26.25</b>	<b>12.60</b>	MUP	
(8)	Call Hold				
(a)	Per main station line	<b>1.20</b>	<b>1.50</b>	EAB	
(b)	Per system	<b>75.00</b>	-	NA	
(9)	Conference Calling-Station				
(a)	Per main station line, each	<b>179.25</b>	<b>101.65</b>	RSE	
(10)	Directed Call Pickup-Barge In or Trunk Answer Any Station <sup>4</sup>				(T)
(a)	Per main station line equipped	<b>2.50</b>	<b>8.10</b>	DMA	
(b)	Per system	<b>55.00</b>	-	NA	
(11)	Directed Call Pickup Nonbarge-In				
(a)	Per ESSX-1 system	<b>55.00</b>	-	NA	
(b)	Per main station line equipped	<b>2.50</b>	<b>.75</b>	E6D	

**Note 1:** One Feature Establishment Charge applies per option.

**Note 2:** Not available for Call Waiting-Originating.

**Note 3:** A connecting channel is required between the serving Central Office and the music source on the Customer Premises, apply rates and charges as specified for appropriate private line voice grade channel.

**Note 4:** Includes regular call pickup.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### C. Optional Features (Cont'd)

###### 2. Secondary Optional Features (Cont'd)

###### b. Rates (Cont'd)

	Feature Establishment Charge	Monthly Rate	USOC	
(12) Abbreviated Dialing, <sup>1</sup> Common Equipment				(T)(M)
(a) Each 100 main station lines equipped or portion thereof	<b>72.50</b>	<b>6.05</b>	<b>EAC</b>	(M)
(b) Per dialing code	-	.75	EAO	(M)
(13) Speed Calling - Customer Changeable List <sup>2,3,4</sup>				(T)
(a) Speed Calling - 6, per repertory list	<b>\$9.75</b>	<b>\$.95</b>	<b>ESHC6</b>	
(b) Speed Calling - 6, first main station line, each	<b>4.75</b>	.50	EST1L	
(c) Speed Calling - 6, additional main station lines, each	<b>4.75</b>	.50	ESTAL	
(d) Speed Calling - 30, per repertory list	<b>9.75</b>	<b>2.40</b>	<b>ESHC3</b>	
(e) Speed Calling - 30, first main station line, each	<b>4.75</b>	.50	ESF1L	
(f) Speed Calling - 30, additional main station lines, each	<b>4.75</b>	.50	ESFAL	
(14) Speed Calling - Fixed List <sup>3,5</sup>				(T)
(a) Speed Calling - 6, per repertory list	<b>9.75</b>	.95	ESHT6	
(b) Speed Calling - 6, first main station line, each	<b>4.75</b>	.50	EST1L	
(c) Speed Calling - 6, additional main station lines, each	<b>4.75</b>	.50	ESTAL	
(d) Speed Calling - 30, per repertory list	<b>9.75</b>	<b>2.40</b>	<b>ESHT3</b>	
(e) Speed Calling - 30, first main station line, each	<b>4.75</b>	.50	EST1L	
(f) Speed Calling - 30, additional main station lines, each	<b>4.75</b>	.50	ESFAL	

**Note 1:** This feature was previously known as Single Digit Dialing. A change in the *guidebook* structure has been made to allow selected main station lines to be accessed by dialing a one or two-digit code(s). (T)(M)

**Note 2:** USOC's formerly used for Speed Calling were EST, ESF and ESH. A change in the USOC code and rating methodology have been made to offer this optional feature on a per group and per main station line within the same group basis. (T)

**Note 3:** Speed calling on a fixed list basis should not be provided where facilities allow the provision on the service on a customer changeable list basis. (T)

**Note 4:** Changes in the numbers listed can be affected, at will, by the customer dialing a preset code. (T)

**Note 5:** Changes in the numbers listed require Company work activity, whereby elements of the standard Service Charge apply as appropriate for the change(s). (T)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

- C. Optional Features (Cont'd)
- 2. Secondary Optional Features (Cont'd)
- b. Rates (Cont'd)

		Feature Establishment Charge	Monthly Rate	USOC
(15)	Split Service			
	(a) First common block	-	-	NA
	(b) Each additional common block after the first	\$605.25	\$ 5.65	EBS
(16)	Uniform Call Distribution (UCD)			
	(a) Per hunt group	24.25	-	A6T
	(b) Each main station line in the hunting group, per main station line	.95	.75	A6V
	(c) Queueing for UCD, common equipment, per group	77.50	2.95	A8A
	(d) Queueing for UCD, each main station line arranged for queueing	-	2.20	A82
	(e) Queueing for UCD, each queue slot	-	1.95	A83RA
	(f) Line Additive for Incoming Call Queueing, Restricted ESSX station line additive for incoming call queueing	-	35.10	A6Z
	(g) Line Additive for Incoming Call Queueing, Non-restricted ESSX station line additive for incoming call queueing	-	7.25	A6Y
	(h) Line Additive for Incoming Call Queueing, Calls waiting indication, per unique timing state <sup>1</sup>	29.00	2.65	A66CE
	(i) Delay Announcements, per announcement (limit one), per UCD group	48.50	42.60	A8GCE
	(j) Delay Announcements, per announcement trunk	48.50	8.70	A8GAT
	(k) Delay Announcements, per main station line	-	2.35	A8GST
	(l) Delay Announcements, silence after delay announcement, per queue slot, each termination	-	.95	A64
	(m) Delay Announcements, Additive for music after delay announcement, per system common equipment <sup>2</sup>	140.50	125.90	OTD (T)(M)

**Note 1:** See Private Line *Guidebook* for charges for channel used for supervisory control purposes. Each key or lamp located on the customer's premises requires one supervisory control circuit.

**Note 2:** In addition to the rates applicable for the Music on Queue optional feature, rates specified in the Private Line *Guidebook* for a voice grade local channel between the central office and the customer provided music source at the customer premises applies. (T)(M)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

- C. Optional Features (Cont'd)
- 2. Secondary Optional Features (Cont'd)
- b. Rates (Cont'd)

	Feature Establishment Charge	Monthly Rate	USOC	
(17) Optional Features for Station Hunting Arrangements				(M1)
(a) Make busy each terminal (station line) or group of terminals controlled by a key <sup>1</sup> , per group	<b>77.50</b>	<b>1.55</b>	<b>A9A</b>	(T)
(b) Make busy each terminal (station line) or group of terminals controlled by a key <sup>1</sup> , per main station line	<b>77.50</b>	<b>1.55</b>	<b>A6G</b>	(T)
(c) Circular hunt, per main station line in the group, each	<b>2.00</b>	<b>.40</b>	<b>EH6</b>	
(d) Preferential hunt, first main station line in the group, each	<b>7.00</b>	<b>1.55</b>	<b>EH8</b>	
(e) Preferential hunt, each additional main station line in the group, each	<b>7.00</b>	<b>.40</b>	<b>EH9</b>	
				(M2)
				(M1)

**Note 1:** See Private Line *Guidebook* for charges for channel used for supervisory control purposes. (T)  
Each key located on the customer's premises requires one supervisory control circuit.

## **A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS**

### **A112.8 ESSX-1 Service (Cont'd)**

#### **A112.8.8 Auxiliary Services (Cont'd)**

##### **C. Optional Features (Cont'd)**

###### **2. Secondary Optional Features (Cont'd)**

###### **b. Rates (Cont'd)**

		<b>Feature</b>			
		<b>Establishment</b>	<b>Monthly</b>	<b>USOC</b>	
		<b>Charge</b>	<b>Rate</b>		<b>(T)</b>
(18)	Main Station Line Restriction				
	(a) Per System, each	<b>\$100.00</b>	-	NA	(M)
	(b) Full Restriction, from Incoming calls only, per main station line, each	1.75	\$.25	ERSFN	(M)
	(c) Full restriction, from Outgoing calls only, per main station line, each	1.75	.50	ERSFO	(M)
	(d) Full restriction, from Incoming and Outgoing calls, per main station line, each	1.75	.65	ERSFC	(M)
	(e) Semi-Restriction, from Incoming calls only, per main station line, each	1.75	.25	ERSPN	(M)
	(f) Semi-Restriction, from Outgoing calls only, per main station line, each	1.75	.50	ERSPO	
	(g) Semi-Restriction, from Incoming and outgoing calls, per main station line, each	1.75	.65	ERSPC	
	(h) Denied Service, from Incoming calls only, per main station line, each	1.75	.25	ERSDN	
	(i) Denied Service, from Outgoing calls only, per main station line, each	1.75	.50	ERSDO	
	(j) Denied Dial Access to facilities with unique access codes (trunk level access), Outgoing calls only, per main station line, each	1.75	.50	ERSDT	
(19)	Main Station Line Toll Restriction				
	(a) Per System, each	<b>80.00</b>	-	NA	
	(b) Per main station line, each	1.75	.50	ETB	
(20)	Main Station Line Toll Diversion				
	(a) Per System, each	<b>80.00</b>	-	NA	
	(b) Per main station line, each	1.75	.50	ETA	

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### C. Optional Features (Cont'd)

###### 2. Secondary Optional Features (Cont'd)

###### b. Rates (Cont'd)

###### (21) Station Dial Code Screening-Arrangement I<sup>1,2,3,4,5</sup>

	Feature Establishment	Monthly Charge	Rate	USOC
(a) Per main station line equipped	-	\$ .40	SCR	
(b) Per group of main station lines with same screening arrangements	<b>\$1,268.50</b>	<b>96.85</b>	SCW	
(c) Per Number Plan Area Code, (excluding Home Number Plan Area Code), with central office code screening	<b>1,254.00</b>	<b>10.65</b>	SCY	
(d) Additions or deletions to NPA or central office code group, each	<b>595.00</b>	-	NA	
(e) Main station line number rearrangement from one screening arrangement to a different screening arrangement, per main station line or group of main station lines changed at the same time, without main station line number change <sup>6</sup>	<b>325.00</b>	-	NA	
(f) Main station line number rearrangement from one screening arrangement to a different screening arrangement, per main station line or group of main station lines changed at the same time with main station line number change <sup>6</sup>	-	-	NA	(M)

**Note 1:** Except where all main station lines have the same arrangement, each main station line or group of main station lines require a Split Service Offering Feature (USOC:EBS) at the rate and charge specified in A112.8.8.C.2.b.(15). (T)

**Note 2:** This feature is not available on international DDD calls.

**Note 3:** Call attempts to NPA or central office codes which are restricted will be routed to a recorded announcement.

**Note 4:** The provision of this feature will not affect the local or toll billing for any completed call.

**Note 5:** Main station line calling arrangement restrictions are not assured. This feature is intended to limit main station line direct dialed outgoing calls, but such calls may, in certain circumstances, be completed and will be charged for in the normal manner.

**Note 6:** Main station lines with Station Dial Code Screening are assigned to a specific code screening arrangement by main station line number. Removal of the code screening arrangement from a main station line number(s) or changing the main station line number(s) from one screening arrangement to a different code screening requires a main station line number arrangement.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### C. Optional Features (Cont'd)

###### 2. Secondary Optional Features (Cont'd)

###### b. Rates (Cont'd)

	Feature Establishment Charge	Monthly Rate	USOC	(M)
(22) Station Dial Code Screening-Arrangement II <sup>1,2,3,4,5,6</sup>				(T)

(a) Per main station line equipped	-	\$ .40	SCR
(b) Per group of main station lines with same screening arrangement and same access code	\$1,287.75	96.85	SCZ
(c) Per Number Plan Area Code with central office code screening	1,128.00	10.65	SC1
(d) Additions or deletions to NPA central office code group, each	550.00	-	NA

**Note 1:** Except where all main station lines have the same arrangement, each main station line or group of main station lines require a Split Service Offering Feature (USOC:EBS) at the rate and charge specified in A112.8.8.C.2.b.(15).

**Note 2:** This feature is not available on international DDD calls.

**Note 3:** Call attempts to NPA or central office codes which are restricted will be routed to a recorded announcement.

**Note 4:** The provision of this feature will not affect the local or toll billing for any completed call.

**Note 5:** Main station line calling arrangement restrictions are not assured. This feature is intended to limit main station line direct dialed outgoing calls, but such calls may, in certain circumstances, be completed and will be charged for in the normal manner.

**Note 6:** Arrangement II available only with access to channels associated with private line networks and requires the associated facilities to be senderized and equipped with uniform numbering.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### C. Optional Features (Cont'd)

###### 2. Secondary Optional Features (Cont'd)

###### b. Rates (Cont'd)

(22) (Cont'd)<sup>1,2,3,4,5,6</sup>

	Feature	Establishment Charge	Monthly Rate	USOC
(e)	Main station line number rearrangement from one screening arrangement, per main station line or group of main station lines changed at the same time, without main station number change <sup>7</sup>	\$325.00	-	-
(f)	Main station line number rearrangement from one screening arrangement to a different screening arrangement, per main station line or group of main station lines changed at the same time, with main station line number change <sup>8</sup>		-	-
<b>Note 1:</b>	Except where all main station lines have the same arrangement, each main station line or group of main station lines require a Split Service Offering Feature (USOC:EBS) at the rate and charge specified in A112.8.8.C.2.b.(15) of this <i>Guidebook</i> .			(T)
<b>Note 2:</b>	This feature is not available on international DDD calls.			
<b>Note 3:</b>	Call attempts to NPA or central office codes which are restricted will be routed to a recorded announcement.			
<b>Note 4:</b>	The provision of this feature will not affect the local or toll billing for any completed call.			
<b>Note 5:</b>	Main station line calling arrangement restrictions are not assured. This feature is intended to limit main station line direct dialed outgoing calls, but such calls may, in certain circumstances, be completed and will be charged for in the normal manner.			
<b>Note 6:</b>	Arrangement II available only with access to channels associated with private line networks and requires the associated facilities to be senderized and equipped with uniform numbering.			
<b>Note 7:</b>	Main station lines with Station Dial Code Screening are assigned to a specific code screening arrangement by main station line number. Removal of the code screening arrangement from a main station line number(s) or changing the main station line number(s) from one code screening arrangement to a different code screening requires a main station line number rearrangement.			
<b>Note 8:</b>	Only service charges as specified in Section A4 are applicable.			(T)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### C. Optional Features (Cont'd)

###### 2. Secondary Optional Features (Cont'd)

###### b. Rates (Cont'd)

		Feature Establishment Charge	Monthly Rate	USOC
(23)	Code Restriction Arrangement to deny main station line dial access to a Company service code (411) assigned to Directory Assistance Service <sup>1</sup>			
(a)	Per system, when provided with initial service	<b>\$276.00</b>	<b>\$3.25</b>	RAA
(b)	Per system, when provided with subsequent to initial service	<b>377.75</b>	<b>3.25</b>	RAA
(c)	Per main station line equipped, each	<b>1.05</b>	<b>.25</b>	RAB
(24)	Code Restriction Arrangement to deny main station line dialed access to local telephone central office codes (NNX) assigned to Public Announcement Services <sup>1</sup>			
(a)	Per system, when provided with initial service	<b>276.00</b>	<b>3.25</b>	RAE
(b)	Per system, when provided subsequent to initial service	<b>377.75</b>	<b>3.25</b>	RAE
(c)	Per main station line equipped, each	<b>1.05</b>	<b>.25</b>	RAG
(25)	Code Restriction Arrangement to deny main station line dialed access to a Company service code (411) assigned to Directory Assistance Service and to local telephone central office codes (NNX) assigned to Public Announcement Services <sup>1</sup>			
(a)	Per system, when provided with initial service	<b>276.00</b>	<b>6.50</b>	RAM
(b)	Per system, when provided subsequently to initial service	<b>377.75</b>	<b>6.50</b>	RAM
(c)	Per main station line equipped, each	<b>1.05</b>	<b>.50</b>	RAN
(26)	Code Restriction to NXX assigned to 900 Service			
(a)	Per Network Access Register	-	-	RAZPR
(b)	Per Main Station Line	-	-	RA8
(27)	Call Transfer Inter Centrex Screening <sup>2</sup>			
(a)	Per main station line, when provided with initial installation	<b>4.50</b>	-	CTQ
(b)	Per main station line, when provided subsequent to initial installation	<b>6.75</b>	-	CTQ
(28)	Manual Originating Line Feature			(M)
(a)	Per main station line <sup>3</sup>	-	<b>2.65</b>	MOE (T)(M)
	<b>Note 1:</b> Code Restriction Arrangements to deny access to Directory Assistance and/or Public Announcement Services are not assured. These features are intended to limit main station line direct dialed outgoing calls, but such calls may, in certain circumstances, be completed and will be charged for in the normal manner.			
	<b>Note 2:</b> All main station lines in the same common block must be commonly equipped for Call Transfer Inter ESSX-1 Screening.			
	<b>Note 3:</b> An additional split service common block (USOC: EBS) is required for each ESSX system using this feature. A main station line is required per USOC: MOE.			(T)(M)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### D. Miscellaneous Line Terminations (Dial Or Touch-Tone® Operation)<sup>1</sup>

	Feature Establishment Charge	Monthly Rate	USOC	(M1) (T)
1. Trunk Equipment				
(a) Each per month (one required per common miscellaneous group of line terminations)	<b>11.50</b>	<b>1.45</b>	<b>EET</b>	
2. Basic Terminations <sup>2</sup>				(T)
a. Charges				
(1) Network Access Terminals (Terminals for Local, Interstate and Intrastate Channels)				
(a) Common Control Switching Arrangement (CCSA) Access Line, per termination	<b>101.75</b>	<b>65.85</b>	<b>ESO</b>	
(b) Other Common Carrier Access Line, per termination	<b>101.75</b>	<b>69.70</b>	<b>OAL</b>	
(2) Tie Lines <sup>3,4</sup>				(T)
(a) Per termination	<b>101.75</b>	<b>69.70</b>	<b>ESJ</b>	
(3) Outward WATS, flat or measured				
(a) Each Outward WATS band	<b>11.50</b>	<b>1.45</b>	<b>EET</b>	
(b) Per Outward WATS line termination	<b>2.00</b>	<b>23.70</b>	<b>ES2</b>	
(4) Foreign Exchange Lines				(M2)
(a) Per FX line termination	<b>\$169.50</b>	<b>\$52.30</b>	<b>ESQ</b>	(M2)
(5) Foreign Central Office Lines				(M2)
(a) Per F-C.O. line termination	<b>169.50</b>	<b>52.30</b>	<b>ESV</b>	(M2)
(6) Electronic Tandem Switching Type Tie-Line Termination <sup>5</sup>				(T)(M2)
(a) ETS-type tie-line termination, each	<b>72.50</b>	<b>53.25</b>	<b>ETX</b>	(M2) (M1)

**Note 1:** Each of the rate elements shown provide only the basic auxiliary line termination equipment and facilities located at the central office where the basic ESSX-1 service is provided and is in addition to other rates and charges applicable for the associated ESSX-1 services, Private Line Service and Channels, WATS, FX, etc.

**Note 2:** One Feature Establishment Charge applies when any number of miscellaneous lines of the same type are installed at the same time.

**Note 3:** Tie lines are not furnished to connect a flat rate system with a message rate system.

**Note 4:** Tie line terminations are furnished to connect an ESSX-1 System to Enhanced Private Switched Communications Service (EPSCS) Type A Channels.

**Note 5:** An ETS-type tie line termination is provided in association with the ETS features of Automatic Route Selection-Deluxe and/or Uniform Numbering/Automatic Alternate Routing specified in A112.27.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### D. Miscellaneous Line Terminations (Dial Or Touch-Tone® Operation)<sup>1</sup> (Cont'd)

		(M)			
		Feature	Establishment Charge	Monthly Rate	USOC
3.	Optional Dial Cut-through Arrangement (Tandem)				
	(a) Additive for each miscellaneous line termination so arranged, per line		\$63.00	\$10.05	ETM
4.	Advanced Private Line Terminations (APLT) <sup>2</sup>				
	(a) Each termination <sup>3</sup>		\$153.00	\$101.75	\$112.30
5.	SCAN Terminations (AUTOVON Interface)				PLS

(Apply rates and charges as specified for Switched Circuit Automatic Network (SCAN) Access Line Terminations in A112.8.8.G.).

**Note 1:** Each of the rate elements shown provide only the basic auxiliary line termination equipment and facilities located at the central office where the basic ESSX-1 service is provided and is in addition to other rates and charges applicable for the associated ESSX-1 services, Private Line Service and Channels, WATS, FX, etc.

(M)

**Note 2:** The Advanced Private Line Termination (APLT) unit may be provided only when the equipment and features of the associated No. 1 ESS Equipment will permit its use (requires 1E6 or later generic program).

(T)

**Note 3:** The Service Establishment Charge is applicable only to the initial APLT provided for each ESSX-1 System.

(T)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### E. Automated Attendant Service

###### 1. Automatic Route Selection - Basic (ARS-B)

###### a. General

- (1) Automatic Route Selection - Basic (ARS-B) is an ESSX-1 optional feature, available where facilities permit, that allows main station line users, by dialing a preselected code, to automatically select the preferred route subscribed for by a customer, for network calls. Alternate routing to other facilities, subscribed for by the customer, is also provided. This arrangement is available for use with Foreign Exchange, WATS, CCSA off-net, tie lines<sup>1</sup> and Other Common Carrier (OCC) access lines<sup>1,2</sup> which are compatible with ARS and MTS Network facilities.
- (2) Automatic Route Selection-Basic is accessed by dialing a single code (1, 2, or 3 digits) which automatically selects the appropriate route (FX, WATS, CCSA off-net, tie line, OCC access line or the MTS Network) to complete the call. If all facilities in the initial route selected are busy, the call will advance to other routes in the selected pattern. Patterns may consist of up to four (4) private routes. If no route is available, the call will route to the MTS Network or overflow tone (customer option). All patterns accessed by a single access code will have the same final route, either the MTS Network or overflow tone.
- (3) For calls using FX, WATS, CCSA off-net or OCC access line facilities, the routing may be based on a Number Plan Area (NPA) and limited to specified Central Office Codes within the NPA as designated by the customer. This is referred to as Foreign Area Discrete Translation.
- (4) Automatic Route Selection - Basic is a call routing capability and, therefore, all codes must be in a route for selection. Code blocking is not provided by this feature.

###### b. Definitions

- (1) Facility - A facility denotes a specific FX, CCSA or WATS, tie line or OCC Access Line Circuit.
- (2) Route - A route is a group of one or more facilities of the same type used to complete 7 or 10-digit calls between the same points.
- (3) Route Selection - The automatic selection of the preferred route as predetermined by the customer, upon dialing of an access code by the station user.
- (4) Pattern - Group of routes arranged to be selected in a sequence specified by the customer.
- (5) Area Code - An Area Code is a three numeral code to designate the geographical numbering plan area used in network dialing.
- (6) Foreign Area Discrete Translation - Foreign Area Discrete Translation is the screening of a specific group of digits by the ESS switcher to determine proper call routing.

(M)

**Note 1:** Requires senderized operation and uniform numbering compatible with the MTS network.

**Note 2:** Each of the rate elements shown provide only the basic auxiliary line termination equipment and facilities located at the central office where the basic ESSX-1 service is provided and is in addition to other rates and charges applicable for the associated ESSX-1 services, Private Line Service and Channels, WATS, FX, etc.

**A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS****A112.8 ESSX-1 Service (Cont'd)****A112.8.8 Auxiliary Services (Cont'd)****E. Automated Attendant Service (Cont'd)****1. Automatic Route Selection - Basic (ARS-B) (Cont'd)****c. Terms and Conditions**

(M)

(T)

- (1) Automatic Route Selection - Basic is provided only on association with Centrex Type Services 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 Type Services Systems which are served by the same such equipment.
- (2) Preferred routes and alternate routing patterns will be specified by the customer.
- (3) All rates and charges specified for automatic route selection are in addition to the rates and charges for associated facilities.
- (4) The number of patterns required by a customer are governed by the type and variety of facilities to which the customer subscribes.
- (5) A single rate per facility will apply regardless of the number of patterns having access to that facility. The monthly rate specified is applicable to each facility available to the patterns.
- (6) Patterns without final route to the DDD network may be offered only if a customer subscribes to a sufficient number of facilities which, in the judgment of the Company, provide an adequate level of service so as to avoid interfering with the service of others or to prevent others from making or receiving calls over their telephone service.
- (7) Where a route is used in one pattern (pattern reached by one access code) only one translation may be provided per route. When a route is used in two or more patterns (each pattern is accessed by different access codes), one translation per pattern may be provided subject to the appropriate charges as specified in Paragraph E.1.d. following. Where central office code translation is required for more than one Numbering Plan Area (NPA) per single facility group or route, rates and charges as specified in A112.8.8.E.1.d.(2)(d) and (e) following should be applied for each NPA translated.
- (8) A group of patterns may have either the DDD network as a final route or overflow tone. A combination of both within the same pattern group is not permitted. Dial "9" may be used as an access code only if the patterns accessed have the DDD network as a final route.
- (9) Where toll restricted main station lines have access to ARS patterns with final route to the DDD network, apply rates and charges as specified for patterns with overflow to tone in lieu of the charge and rate specified for final route to the DDD network.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### E. Automated Attendant Service (Cont'd)

###### 1. Automatic Route Selection - Basic (ARS-B) (Cont'd)

###### d. Rates and Charges

	Feature Establishment Charge	Monthly Rate	USOC
(1) Common Equipment			
(a) Per ESSX-1 system, so equipped	\$581.00	\$24.20	ART
(2) Route Selection Patterns <sup>1,2,3</sup>			
(a) Per trunk, terminated in patterns	2.00	2.90	AR5
(b) By Area Code only with final route to the DDD network, per pattern, each	145.25	3.85	AR9
(c) By Area Code only with final route to overflow tone, per pattern, each	145.25	4.85	ARG
(d) By Area Code and Central Office codes with final route to the DDD network, per pattern, each	145.25	5.80	ARH
(e) By Area Code and Central Office codes with final route to overflow tone, per pattern, each	145.25	6.80	ARK

	Nonrecurring Charge	USOC
(3) Additions and Changes <sup>4</sup>		
(a) Common Equipment, per addition or change subsequent to initial installation <sup>5</sup>	\$200.00	NA
(b) Changes of routes in existing patterns, per pattern	125.00	NA
(c) Addition of patterns, per pattern. See A112.8.8.E.1.d.(2)(c) and (e) preceding.	-	NA

**Note 1:** Each WATS band is treated as a separate route.

**Note 2:** Where stations equipped for toll restriction or toll diversion access a pattern, the rates and charges specified in A112.8.8.E.1.d.(2)(c) or (e), apply.

**Note 3:** Includes Network Access Registers utilized for overflow to DDD.

**Note 4:** The customer is responsible for notifying the Company whenever any additions and changes specified in A112.8.8.E.1.d.(3) are required.

**Note 5:** One common equipment change charge applies for any number of changes or additions made at the same time plus the charges specified in A112.8.8.E.1.d.(3)(b), (c) and (d) as appropriate.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### E. Automated Attendant Service (Cont'd)

1. Automatic Route Selection - Basic (ARS-B) (Cont'd)
  - d. Rates and Charges (Cont'd)

(M)

	Nonrecurring Charge	USOC	
(4) Traffic Engineering for Automatic Route Selection (TEARS) for initial and subsequent ARS Designs.			
(a) Tape Summarization Procedure <sup>1,2</sup> First 10,000 calls or fraction thereof processed, per occasion	\$1,743.00	ARXTF	(T)
(b) Tape Summarization Procedure <sup>1,2</sup> Each additional 1,000 calls or fraction thereof processed, per occasion	53.25	ARXTA	(T)
(c) Manual Input Procedure <sup>2,3</sup> First 10,000 calls or fraction thereof processed, per occasion.	1,549.25	ARXMF	(T)
(d) Manual Input Procedure <sup>2,3</sup> Each additional 1,000 calls or fraction thereof processed, per occasion.	32.00	ARXMA	(T)

(T)

**Note 1:** This charge is applicable when the tape summary module of the Traffic Engineering for ARS (TEARS) program is used to summarize the customer's traffic.

(T)

**Note 2:** At the request of the customer, the Company will provide an ARS design recommendation based upon traffic data available and configured utilizing Company traffic engineering principles. The following charges for this service apply per occasion and include the provision of the data to the customer in Company printed format. The accuracy of the recommendation provided to the customer is dependent upon the data available and the assumptions used and should not be construed as a guarantee of future performance. The customer must advise the Company of the ARS design to be used..

(T)

**Note 3:** This charge is applicable when summarized data is available and input manually into an ARS engineering module of the TEARS program.

(T)

**A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS****A112.8 ESSX-1 Service (Cont'd)****A112.8.8 Auxiliary Services (Cont'd)****E. Automated Attendant Service (Cont'd)****2. Station Message Detail Recording****a. General**

- (1) Station Message Detail Recording (SMDR) is an arrangement to provide a record, by main station line number, of originating intercity traffic routing over dial type tie lines, FX, WATS, CCSA, Other Common Carrier access lines and/or the MTS Network (Toll and at the customer's option, on certain incoming calls<sup>1</sup> that the attendant extends to the main station line or tie line within the customer's ESSX-1 group.
- (2) The station message detail will include the calling main station line number, the called number, date, time of day, duration of call and the type of facility used. The record will be provided, on magnetic tape, to customers requiring message detail for cost allocation and telecommunications system management purposes. The detail will be provided on all facilities in routes selected by the customer for Station Message Detail Recording.

**b. *Terms and Conditions***

(T)

- (1) Station Message Detail Recording (SMDR) may be offered to main station lines of ESSX-1 customers where facilities permit and where the Company's message billing process has been arranged to provide this optional feature.
- (2) Station Message Detail Recording is not represented to be a provision of billing detail. Where Tie Line, Other Common Carrier Access Line, and Foreign Exchange facilities are involved all such call attempts, whether completed or not, will appear in the SMDR.
- (3) Station Message Details will be provided on magnetic tape. The tape density and number of tracks will be that used by the program and data processing system in use by the Company's accounting center furnishing the tape. The format may be changed to serve Company purposes and the customer will be responsible for making the tape compatible with his data processing equipment.
- (4) A magnetic tape will be provided by the Company on each occasion SMDR is furnished to the customer. The tape becomes the property of the customer on a "No exchange" basis and the tape may not be returned to the Company for reuse.
- (5) Station Message Details may be provided on all facilities subscribed for by the customer, including the Network (Toll), but will not include intercom originated by main station line users. The customer may designate the group or groups of facilities on which SMDR is to be provided. Where the facility designated by the customer is the toll network, the magnetic tape file will include a record of each message itemized on the customer's bill.
- (6) Directory Assistance (DA) call detail may be provided on the magnetic tape (customer option).

**Note 1:** SMDR detail on incoming calls does not include the calling number or the type of facility used.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### E. Automated Attendant Service (Cont'd)

###### 2. Station Message Detail Recording (Cont'd)

###### c. Rates and Charges

	Feature Establishment Charge	Monthly Rate	USOC
(1) Common Equipment			
(a) Per ESSX-1 system, so equipped <sup>1</sup>	\$406.75	\$121.05	CMM
(b) Per facility group	48.50	-	CMW
(2) Station Message Detail			
(a) Per message, per occasion, each	-	.01	NA
(3) Line Equipment			
(a) Per Foreign Exchange Trunk terminated in arrangement	9.75	3.85	CMQ
(b) Per Dial Tie Line terminated in arrangement (apply same rate and charges as for FX lines in (3)(a) above)	-	-	CMT
(c) Per Other Common Carrier access line terminated in arrangement - apply same rates and charges as for FX lines in (a) above	-	-	CMZ

##### F. Touch-Tone® Calling Service

Main station lines and attendant access lines may be equipped where facilities permit with Touch-Tone® operation at no additional charge.

**Note 1:** If SMDR is provided subsequently to the initial installation of ESSX-1 a Feature Establishment Charge applies.

(M)

(M)

## **A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS**

### **A112.8 ESSX-1 Service (Cont'd)**

#### **A112.8.8 Auxiliary Services (Cont'd)**

##### **G. Switched Circuit Automatic Network Access Line Terminations**

###### **1. General**

Switched Circuit Automatic Network (SCAN) access line terminations provide for the ESSX-1 system termination of access lines to SCAN switching centers furnished by F.C.C. Tariff No. 260.

###### **2. *Terms and Conditions***

###### **a. Explanation of Terms**

###### **(1) SCAN**

SCAN is a private switched service which provides the Automatic Voice Network (AUTOVON) to various authorized agencies of the federal government. Both routine and priority calls are handled by AUTOVON. Within that network are five levels (0 through 4) of precedence for AUTOVON calls. Level 4 is a routine call and levels 0 through 3 are priority call levels with 0 being the highest priority. This precedence scheme allows priority calls to preempt, when necessary, routine and lower level priority calls.

###### **(2) Preemptible SCAN Access Line Terminal**

A Preemptible SCAN Access Line Terminal is arranged for the completion of incoming and outgoing priority or routine calls.

###### **(3) Non-Preemptible SCAN Access Line Terminal**

A Non-Preemptible SCAN Access Line Terminal is arranged for the completion of incoming and outgoing routine calls.

###### **(4) Main AUTOVON Location**

A Main AUTOVON Location is an ESSX-1 System at which SCAN access lines terminate.

###### **(5) Satellite AUTOVON Location**

A Satellite AUTOVON Location may be ESSX-1, PBX or customer-provided equipment system which is connected to the main AUTOVON location by tie lines to which incoming priority calls may be routed via the main AUTOVON location over the local and toll network by the main-satellite AUTOVON compatibility PID option.

###### **(6) Main-Satellite AUTOVON Compatibility Options**

Main-Satellite AUTOVON Compatibility Options may be furnished in association with preemptible SCAN access line terminals at the main AUTOVON location.

###### **Immediate Diversion Network In-Dialing (INID) Option**

--The INID option provides for the intercept and rerouting of incoming priority calls directed to AUTOVON satellite locations.

###### **Precedence Network In-Dialing (PID) Option**

--The PID option provides for the routing, via either tie lines or the local and toll network, of incoming priority calls directed to AUTOVON satellite locations.

(M1)

(T)

(M2)

(M2)

(M2)

(M2)

(M2)

(M2)

(M2)

(M2)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### G. Switched Circuit Automatic Network Access Line Terminations (Cont'd)

###### 2. *Terms and Conditions* (Cont'd)

(T)

(M)

- b. SCAN access line terminations provide for the direct inward and outward dialing of AUTOVON calls. Outgoing priority calls are completed only via preemptible SCAN access line terminals. Incoming priority call precedence is only furnished when that call is completed via a preemptible SCAN access line terminal. When an incoming priority call is completed via a non-preemptible SCAN access line terminal, the call is processed in the same manner as a routine call without any precedence recognition. Incoming and outgoing routine calls may be completed via either preemptible or non-preemptible SCAN access line terminals.
- c. The origination of priority calls requires 16-button Touch-Tone® dial telephone equipment associated with attendant positions and main station lines.
- d. Preemptible SCAN access line terminals are only furnished where the customer's system is equipped with Data Link Console attendant position equipment.
- e. Where tie lines are furnished between a main AUTOVON location and a satellite AUTOVON location, those tie lines may be used to extend incoming priority and routine calls to the satellite location. Satellite AUTOVON location station users may originate routine calls via such tie lines and the main AUTOVON location. Where a satellite AUTOVON location station user desires to originate a priority call via such tie lines and the main AUTOVON location, the attendant at the main location may complete the desired priority call for the satellite location station user.
- f. At the option of the customer, main-satellite AUTOVON compatibility may be furnished on either an INID or PID option basis but a mix of the two on the same system is not permitted. Furthermore, where the PID option is furnished, the option must be arranged for routing via either tie lines or the local and toll networks and a mix of the two routing methods on the same system is not permitted.
- g. When a main-satellite AUTOVON compatibility PID option routed call to a satellite AUTOVON location is not answered within approximately three ringing cycles, that call will be rerouted to the attendant position of the main AUTOVON location.

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### G. Switched Circuit Automatic Network Access Line Terminations (Cont'd)

###### 3. Rates and Charges

	Service Establishment Charge	Installation Charge	Monthly Rate	USOC
a. Common equipment for SCAN access line terminals				
(1) Common equipment				
(a) Per System	-	\$639.00	\$255.65	SNN
b. Preemptible SCAN access terminals				
(1) Per Group of like Terminals				
(a) Each	-	348.00	-	NA
(2) Per Terminal				
(a) One-way incoming operation	-	133.75	173.15	SN1
(b) One-way outgoing operation	-	133.75	110.40	SN2
(c) Two-way operation	-	133.75	210.30	SN3
c. Non-preemptible SCAN access line terminals				
(1) Per Group of like Terminals				
(a) Each	-	438.00	-	NA
(2) Per Terminal				
(a) One-way incoming operation	-	133.75	116.20	SN4
(b) One-way outgoing operation	-	133.75	59.25	SN7
(c) Two-way operation	-	133.75	147.55	SN9
d. Main-Satellite AUTOVON Compatibility Options				
(1) Common Equipment				
(a) Per System	\$63,000.00	203.25	81.35	AUG
(2) INID option, per preemptible SCAN access line terminal so arranged				
(a) Each	-	-	.40	AUH
(3) PID option for routing via				
(a) Tie lines, per preemptible SCAN access line terminal so arranged <sup>1</sup>	-	-	7.85	AUJ
(b) Local and toll network, per preemptible SCAN access line terminal so arranged <sup>2</sup>	-	-	7.85	AUQ

**Note 1:** The rate for this option is in addition to the rates and charges applicable for tie-line service as specified in other sections. (T)

**Note 2:** In addition, the rates and charges as specified for Remote Call Forwarding (USOC's: RCF, RCA) in Section A13 apply to this option. (T)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### H. Subsidiary System Arrangements

###### 1. General

###### a. Subsidiary System

A Subsidiary System of an ESSX-1 System is a customer-provided equipment system which is furnished PBX trunks from the central office serving the customer's ESSX-1 System and which is connected by tie lines to that ESSX-1 System.

###### b. Subsidiary System Arrangements

A Subsidiary System Arrangement provides station numbers, which are in sequence within the main station line numbers of the customer's ESSX-1 system, to the stations of one or more subsidiary systems.

###### 2. *Terms and Conditions*

(T)

- a. Subsidiary System Arrangement (SSA) station numbers are provided by the same central office equipment and facilities which furnish Direct-Inward-Dialing (DID) Service and will only be furnished where adequate DID facilities are available in the central office serving the customer's ESSX-1 System and where the subsidiary system is properly equipped for DID Service.
- b. The PBX trunks of the subsidiary system are provided at the same rates and charges as specified for such trunks furnished from the central office serving the customer's ESSX-1 System. In addition, foreign central office or foreign exchange mileage charges are applicable to those trunks when the subsidiary system is located outside the area of that serving central office.
- c. The same rates and charges as specified for DID Service apply for SSA main station line numbers. When more than one subsidiary system is involved, each subsidiary system is considered a separate service, and the count of main station line numbers furnished will commence anew at each such system for the purpose of determining the applicable rates and charges.
- d. Tie lines connecting the ESSX-1 and subsidiary systems are provided at the same rates and charges as specified for ESSX-1 tie line terminals, tie lines, and tie line terminals in a customer-provided equipment system.
- e. SSA station numbers are furnished subject to the condition that all inward and outward local and toll network calling by subsidiary system stations be via the central office serving the customer's ESSX-1 system.
  - (1) Where subsidiary system station's outward local and toll network calls are placed via tie lines and the network access registers of the ESSX-1 System, the charges for such calls are identified and billed as primary directory listing calls of the ESSX-1 System.
  - (2) Where subsidiary system station's outward local and toll network calls are placed via PBX trunks, the charges for such calls are identified and billed as primary directory listings calls of the subsidiary system except as specified in f. following.
- f. At the option of the customer, identification and billing of outgoing toll network calls by SSA station number will be provided at the same rates and charges as specified for Identified-Outward-Dialing (IOD) Service subject to the following conditions:
  - (1) The identification and billing of outgoing toll calls by SSA station number will only be provided on calls routed via PBX trunks.

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.8 ESSX-1 Service (Cont'd)

#### A112.8.8 Auxiliary Services (Cont'd)

##### H. Subsidiary System Arrangements (Cont'd)

###### 2. *Terms and Conditions* (Cont'd)

(T)

###### f. (Cont'd)

(2) Where more than one subsidiary system is arranged for the identification and billing of outgoing toll calls by SSA station number, each system shall be considered a separate service and the count of connecting channels which serve as IOD trunks will commence anew at each system for the purpose of determining the applicable rates and charges.

g. The ESSX-1 subsidiary system arrangement is provided solely for the furnishing of SSA station numbers to subsidiary systems for local and toll network and intercommunication calling and does not provide any of the basic or optional service features of ESSX-1 Service to stations of the subsidiary systems.

###### 3. Rates and Charges

###### a. Each Subsidiary System Arrangement<sup>1</sup>

(1) Direct-Inward-Dialing<sup>2</sup>

(2) Identified-Outward-Dialing<sup>3</sup>

(3) Exchange Access, per trunk<sup>4</sup>

(4) Tie-Line Service<sup>5</sup>

(5) Dial Cut-through Arrangement, per tie-line arranged for tandem operation<sup>6</sup>

### A112.9 Electronic Tandem Switching Features

(Obsoleted 08-02-96, Type 4) Service rates and charges associated with this section are available only as specified in the obsolescence rules stated in A112.8.

(T)

(Obsoleted 08/28/85 Type 4). Provided only to those systems already in service or to those systems for which firm orders were received by the Company prior to this date. Additions, deletions and/or rearrangements to an existing system can be made subject to the capacity of the central office from which it is provided.

(T)

**Note 1:** PBX Equipment associated with Subsidiary System Arrangements will be furnished at Rates and Charges as set forth in Section A11.

(T)

**Note 2:** Apply Rates and Charges as specified in A112.5 for DID service.

(T)

**Note 3:** Apply Rates and Charges as specified in A12.8 for IOD service.

(T)

**Note 4:** Apply Rates and Charges as specified in Section A3. for PBX trunks.

(T)

**Note 5:** Apply Rates and Charges as specified in other sections for tie-line terminations, tie-line mileage, etc., as appropriate.

(T)

**Note 6:** Apply Rates and Charges as specified in A112.8.8.D.1. for USOC: ETM.

(T)

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.9 Electronic Tandem Switching Features (Cont'd)

#### A112.9.1 General

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

#### A112.9.2 *Terms and Conditions*

##### A. Explanation of Terms

###### 1. ETS Features

ETS Features are ESSX-1 /Centrex-CO optional features which are, except as specified in 6. following, comprised of both Automatic Route Selection-Deluxe (ARS-D) and Facilities Restriction Levels (FRL) and, at the option of the customer, the following service features and arrangements:

Time of Day Routing

Authorization Codes

Deluxe Queuing

Station Message Detail Recording to Premises

Account Codes

Facility Administration and Control

Traffic Data to Customer (Pollable)

Facility Assurance Reports

Uniform Numbering/Automatic Alternate Routing

Automatic Overflow to DDD

###### 2. 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 ESSX-1/Centrex-CO 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 trunk 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.

When ARS-D is provided in conjunction with Uniform Numbering/Automatic Alternate Routing (UN/ARR), incoming tie lines from other ESSX-1/Centrex-CO or PBX systems connected directly to the ESSX-1/Centrex-CO system, may be arranged to have automatic access to the ARS-D and UN/ARR features. When such arrangements are provided, the tie lines to the ARS-D become "dedicated" tie lines and separate tie lines are required from the distant ESSX-1/Centrex-CO or PBX system if access is to be provided to other ESSX-1/Centrex-CO functions at the ARS-D equipped ESSX-1/Centrex-CO system. In addition, when ARS-D is provided in conjunction with UN/ARR, routes may include tie lines to a distant ESSX-1/Centrex-CO or PBX system equipped with an ARS-D like capability for subsequent access to the toll network.

(T)

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.9 Electronic Tandem Switching Features (Cont'd)

#### A112.9.2 Terms and Conditions (Cont'd)

(T)

##### A. Explanation of Terms (Cont'd)

###### 2. Automatic Route Selection-Deluxe (ARS-D) (Cont'd)

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

Time of Day (TOD) Routing - TOD Routing is an 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.

###### 3. Facilities Restriction Levels (FRL)

FRL is required in connection with ARS-D and is provided on each main station line 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 ESSX-1/Centrex-CO system equipped with ARS-D (for call screening at the distant point), it is identified as a Traveling Class Mark (TCM).

Authorization Codes - Authorization Codes are an FRL option which provides for a station user to dial a code which overrides the FRL associated with that main station line or incoming tie line. The ESSX-1/Centrex requests dialing of the authorization code when the default FRL (i.e., the FRL associated with the main station line or incoming tie line) has insufficient privileges to complete the call. The Authorization Code is also inspected for validity as a security check. The Authorization Code is recorded in the SMDR-P record of the call when the SMDR-P feature is provided.

###### 4. Deluxe Queuing

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

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

-An Off-Hook Queue (OHQ), in which case the calling main station line 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.

###### 5. 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 ESSX-1/Centrex-CO main station lines to locations outside the same ESSX-1/Centrex-CO system. Facility groups may also be designated as requiring originating and/or terminating records.

Account Codes - Account codes are an SMDR-P option which permit a station user to dial a series of digits (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 Codes must contain the same number of digits, not to exceed eight, and must not conflict with on-network code assignments.

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.9 Electronic Tandem Switching Features (Cont'd)

#### A112.9.2 Terms and Conditions (Cont'd)

(T)

##### A. Explanation of Terms (Cont'd)

###### 6. Facilities Administration and Control

Facilities Administration and Control permits customer control of parameters which determine user calling privileges; i.e., Authorization Codes and associated FRL. In addition, FRL associated with main station lines, tie lines and Authorization Codes may be collectively upgraded or downgraded by invoking a predetermined set of FRL's identified as Controlled Alternate FRL's. Manual control (override) of TOD Pattern Groups and activation or deactivation of queuing is also provided.

###### 7. Traffic Data to Customer (Pollable)

Traffic Data to Customer (Pollable) permits the customer to poll the switching equipment on a daily or hourly basis to obtain certain traffic measurements. Equipment must be provided at the customer's premises to record the traffic data.

Facility Assurance Reports (FAR) provides the customer the ability to obtain automatic circuit assurance data via the same equipment utilized to record traffic data. FAR includes, for example, the identity of facilities not accessed or facilities constantly off-hook during a specified period of time.

###### 8. Uniform Numbering/Automatic Alternate Routing (UN/AAR)

UN permits station users to place calls via tie lines using a uniform dialing plan. The user dials an access code, followed by a seven digit number which uniquely identifies a specific on-network main station line. The number consists of a three digit location code and a four digit main station line code. (When the same access code is followed by a ten digit public network number, the call is routed via the ARS-D feature. The feature provides the number translation and supervision necessary to route the call.

AAR provides automatic routing of on-network calls to alternate tie line routes when primary tie line routes are busy.

Automatic Overflow to DDD- Automatic Overflow to DDD provides completion of on-network calls via the toll network when all primary and alternate tie line routes are busy.

##### B. Automatic Route Selection-Deluxe (ARS-D)

###### 1. ARS-D is only furnished in association with FRL.

###### 2. Preferred routes and alternate routes in patterns will be specified by the customer.

###### 3. 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 TOD routing.

###### 4. A maximum of ten routes are provided in a pattern.

###### 5. Each WATS band is treated as a separate route.

###### 6. 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).

###### 7. All rates and charges specified for ARS-D are in addition to the rates and charges for the associated facilities and facility terminations.

###### 8. A single rate "per facility terminated in patterns" will apply regardless of the number of patterns having access to that facility. The monthly rate specified is applicable to each facility available to the patterns.

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.9 Electronic Tandem Switching Features (Cont'd)

#### A112.9.2 Terms and Conditions (Cont'd)

(T)

##### B. Automatic Route Selection-Deluxe (ARS-D) (Cont'd)

9. The charges specified in A112.9.3. following for each code addition or change is applicable whether customer or Company initiated.
10. Where ARS-D is furnished in connection with UN/AAR, tie lines to other PBX or ESSX-1/Centrex-CO system locations may appear as routes in ARS-D patterns when such tie lines are provided for subsequent access to the toll network at the distant PBX or ESSX-1/Centrex-CO system location.
11. 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, rates and charges as specified in A112.9.3 following apply to each additional pattern.
12. CCSA access lines (off-net calls) and access lines to other similar arrangements, compatible with ARS-D, may be included as routes in patterns.
13. ESSX-1/Centrex-CO toll diversion and restriction does not function on calls routed via ARS-D.

##### C. Facilities Restriction Levels (FRL)

1. FRL is only furnished in association with ARS-D.
2. A maximum of eight Facilities Restriction Levels are available for each ESSX-1/Centrex-CO system.
3. A maximum of twenty thousand Authorization Codes are available for each ESSX-1/Centrex-CO system.
4. Authorization Codes must consist of a uniform number of digits, with a minimum of three digits and maximum of six digits.
5. Customer implementation of change of Authorization Codes or associated Facilities Restriction Level require the Facilities Administration and Control Feature.
6. All main station lines and incoming tie line terminations with access to ARS-D must be equipped with FRL.

##### D. Deluxe Queuing

1. Calls in queue may overflow to subsequent routes or to tone at the customer option.
2. Deluxe Queuing is available with facilities appearing as the primary (first choice) route in ARS-D or UN/AAR patterns.
3. The text and announcement provided with the Recorded Announcemnt option will be provided by the Company.
4. The music for the Music on Queue option must be provided by the customer.
5. 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 OHQ.
6. 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.
7. Incoming tie lines can be arranged for OHQ only.
8. ESSX-1/Centrex-CO main station lines can be provided either RBQ or OHQ. All such main station lines must be equipped with the same type queuing.
9. OHQ must be equipped for either Recorded Announcement or Music on Queue.

---

## A112. OBSOLETE CENTRAL OFFICE NON-TRANSPORT SERVICE OFFERINGS

### A112.9 Electronic Tandem Switching Features (Cont'd)

#### A112.9.2 Terms and Conditions (Cont'd)

(T)

- E. Station Message Detail Recording to Premises (SMDR-P)
  - 1. SMDR-P is not represented to be a provision of billing detail.
  - 2. Station message detail records will be provided on terminal equipment located at the customer's premises at the rates and charges specified in A112.9.3 following.
  - 3. The customer must provide compatible equipment located at his premises to record the SMDR-P Data.
  - 4. Processing of message detail information (SMDR-Basic) by the Company accounting center is not provided with this arrangement.
  - 5. The customer must designate all main station lines in a #1 ESS customer group and/or selected facility groups on which SMDR-P originating and terminating records are to be provided.
  - 6. Additions or deletions of SMDR-P recording are provided by Company service orders.
  - 7. 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.
  - 8. SMDR-P includes the recording of Account Codes and Authorization Codes where these optional features are provided.
  - 9. Account Codes are available with the initial installation of SMDR-P at no additional charge.

- F. Customer Administration and Control

- 1. Customer Administration and Control Features are comprised of either or both the Facilities Administration and Control ETS optional feature and the Traffic Data to Customer (Pollable)/FAR ETS optional feature.
- 2. Traffic Data to Customer (Pollable)/FAR may be provided to No. 1 ESS-served ESSX-1/Centrex-CO systems which are not equipped with the ETS features of ARS-D and FRL.
- 3. A business exchange line termination in each No. 1 ESS accessed is required. Rates and charges for a business exchange line apply for each such termination provided.
- 4. Facilities Administration and Control provide:
  - a. Select ARS-D pattern groups and determine status.
  - b. Activate/deactivate queuing and determine status.
  - c. Change Authorization Codes and associated FRL's.
- 5. Traffic Data to Customer (Pollable) provides:
  - a. FAR reports listing trunks not accessed and all trunks constantly off-hook in the previous two hours.
  - b. Traffic data reports on trunk groups and queues.

- G. Uniform Numbering/Automatic Alternate Routing (UN/AAR)

- 1. All calls must consist of a seven digit called number, after the access code or after the access code and Account Code (where this option is provided).
- 2. The customer must specify the first choice route and each subsequent route to each ESSX-1/Centrex or PBX system involved.
- 3. The customer must notify the Company when any change in route or routing sequence is desired.