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**A14. AUXILIARY EQUIPMENT**

## CONTENTS

<b>A14.1</b>	<b>Network Interface Equipment</b>	1	
A14.1.1	General	1	
A14.1.2	Rates And Charges	1	
<b>A14.2</b>	<b>Toll Restriction (Battery Reversal In Central Office)</b>	5	
A14.2.1	General	5	
A14.2.2	<i>Terms and Conditions</i>	5	(T)
A14.2.3	Rates And Charges	5	
<b>A14.3</b>	<b>Break-In-Rotary Number Group</b>	5	
A14.3.1	General	5	
A14.3.2	Rates	5	
<b>A14.4</b>	<b>High Voltage Protection Equipment (Obsoleted, See Section A114)</b>	6	
<b>A14.5</b>	<b>Reserved For Future Use</b>	9	
<b>A14.6</b>	<b>Reserved For Future Use</b>	9	
<b>A14.7</b>	<b>Reserved For Future Use</b>	10	
<b>A14.8</b>	<b>Reserved For Future Use</b>	10	
<b>A14.9</b>	<b>Reserved For Future Use</b>	10	

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**A14. AUXILIARY EQUIPMENT**

## CONTENTS

<b>A14.10</b>	<b>Reserved For Future Use</b>	11	
<b>A14.11</b>	<b>(DELETED)</b>	12	
<b>A14.12</b>	<b>Network Access Line Termination</b>	13	
A14.12.1	General	13	
A14.12.2	Rates And Charges	13	
<b>A14.13</b>	<b>Equipment Arrangements To Improve Transmission</b>	14	
A14.13.1	General	14	
A14.13.2	Rates And Charges	14	
<b>A14.14</b>	<b>Reserved For Future Use</b>	14	
<b>A14.15</b>	<b>(DELETED)</b>	14	(D)

## A14. AUXILIARY EQUIPMENT

### A14.1 Network Interface Equipment

#### A14.1.1 General

- A. Network Interface equipment may be provided in connection with PBX and all other classes of main station service.
- B. For outdoor locations weatherproof network interface equipment is available at the rates and charges quoted following.
- C. Services provided on complex wiring must be directly connected to the telecommunications network through Company installed Network Interface equipment as specified in, or authorized by, Part 68 of the FCC Rules and Regulations.
- D. For customer requests for jacks used as Network Interfaces subsequent to the installation of the exchange access line, the Premises Work Charges in A4.4. apply in addition to the charges listed following.

#### A14.1.2 Rates And Charges

##### A. Standard Voice Network Interfaces

##### 1. Miniature Six Position Network Interfaces, each

	<b>Nonrecurring Charge</b>	<b>USOC</b>
(a) Single-line Two-wire Tip and Ring (T/R,)	\$14.11	RJ11C
(b) Single-line Two-wire T/R for wall mounted equipment	14.11	RJ11W
(c) Standard flush inside network interface for single-line T/R	-	NW1
(d) Standard non-flush inside network interface for single-line T/R	-	NW1NF
(e) Standard outside network interface for single line T/R	-	NW1O1
(f) Standard outside network interface for dial lines T/R	-	NW1O2
(g) Standard outside network interface for party line T/R	-	NW1O3
(h) Single line T/R for use in hospital critical care areas	14.11	RJ17C
(i) Single line T/R with make busy (MB and MB1 leads)	16.82	RJ18C
(j) Single line T/R with make busy (MB and MB1 leads) for wall mounted equipment	16.82	RJ18W
(k) Single-line, Four-wire T/R and T1/R1 exchange access	14.11	RJ1DC
(l) Two-line T/R, also for message registration, Automatic Identification Outward Dialing, and off-premises station	14.11	RJ14C

## A14. AUXILIARY EQUIPMENT

### A14.1 Network Interface Equipment (Cont'd)

#### A14.1.2 Rates And Charges (Cont'd)

##### A. Standard Voice Network Interfaces (Cont'd)

##### 1. Miniature Six Position Network Interfaces, each (Cont'd)

	<b>Nonrecurring Charge</b>	<b>USOC</b>
(m) Single-line, Two-line T/R, also for message registration, Automatic Identification Outward Dialing, and off-premises station and for wall mounted equipment	<b>\$14.11</b>	<b>RJ14W</b>
(n) Two-line T/R, T1/R1 and T2/R2. Sliding cover allows testing of either line.	<b>11.00</b>	<b>RJ14X</b>
(o) Up to three lines T/R, also for message registration, Automatic Identification Outward Dialing, and off-premises station	<b>14.11</b>	<b>RJ25C</b>
<b>2. Miniature-Ribbon Connector, each</b>		
(a) Up to twenty-five lines, two-wire T/R only	<b>38.77</b>	<b>RJ21X</b>
(b) Up to twelve tie trunks, two-wire T/R with E and M Type I signaling	<b>38.77</b>	<b>RJ2EX</b>
(c) Up to eight tie trunks, two-wire T/R with E and M Type II signaling	<b>38.77</b>	<b>RJ2FX</b>
(d) Up to twelve lines, two-wire T/R with make busy arrangements (MB and MB1 leads)	<b>38.77</b>	<b>RJ2MB</b>
(e) Up to twelve lines, four-wire T/R and T1/R1 exchange access	<b>38.77</b>	<b>RJ2DX</b>
(f) Up to eight tie trunks, four-wire T/R, T1/R1 with E and M Type I signaling	<b>38.77</b>	<b>RJ2GX</b>
(g) Up to six tie trunks, four-wire T/R, T1/R1 with E and M Type II signaling	<b>38.77</b>	<b>RJ2HX</b>
<b>3. Marina and Recreational Vehicle Network Interface</b>		
(a) Single line T/R female weatherproof network interface for marinas and recreational vehicles, 3 position	<b>37.30</b>	<b>RJ15C</b>
<b>4. Miniature Eight Position Network Interface, each</b>		
(a) Up to four lines T/R	<b>6.27</b>	<b>RJ61X</b>
(b) Single E&M circuit, type I & II, 2-wire or 4-wire transmission path.	<b>9.00</b>	<b>RJ1CX</b>

## A14. AUXILIARY EQUIPMENT

### A14.1 Network Interface Equipment (Cont'd)

#### A14.1.2 Rates And Charges (Cont'd)

##### B. Standard Data Network Interfaces

		<b>Nonrecurring Charge</b>	<b>USOC</b>
1.	Programmed, each		
	(a) Programmed data network interface, single-line two-wire T/R, for programmed data equipment, miniature eight position keyed	<b>\$58.51</b>	<b>RJ45S</b>
	(b) Miniature fifty-position ribbon, for up to 8 lines to modems with programmable data levels.	<b>12.00</b>	<b>RJ27X</b>
	(c) Miniature eight-position keyed with make-busy leads for use with modems with programmable data.	<b>12.00</b>	<b>RJ4MB</b>
2.	Universal, each		
	(a) Universal data network interface, single-line two-wire T/R, for fixed loss loop and programmed data equipment, miniature, eight position keyed	<b>68.96</b>	<b>RJ41S</b>
	(b) Universal data network interface, multiple line, for fixed loss loop or programmed data equipment, for up to eight lines, two-wire T/R provides a fifty position miniature ribbon connection	<b>37.41</b>	<b>RJ26X</b>
3.	Multiple-Mounting Apparatus		
	(a) Multiple mounting apparatus, for up to eight single line, universal data, miniature eight position keyed network interfaces	<b>154.54</b>	<b>RJ41M</b>
	(b) Multiple mounting apparatus, for us to eight single line, programmed data, miniature eight position keyed network, interfaces.	<b>154.54</b>	<b>RJ45M</b>

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## A14. AUXILIARY EQUIPMENT

### A14.1 Network Interface Equipment (Cont'd)

#### A14.1.2 Rates And Charges (Cont'd)

##### B. Standard Data Network Interfaces (Cont'd)

4. (DELETED)
5. For use with digital services

	<b>Nonrecurring Charge</b>	<b>USOC</b>
(a) Single line T/R, T1/R1 miniature eight position non-keyed network interface for 1.544 Mbps digital service	<b>\$6.27</b>	<b>RJ48C</b>
(b) Miniature fifty-position, ribbon, for connection of up to twelve four wire 1.544 Mbps digital lines.	<b>19.00</b>	<b>RJ48H</b>
(c) Up to eight lines, eight T/R, eight T1/R1, fifty position miniature ribbon network interface for 1.544 Mbps digital service	<b>38.66</b>	<b>RJ48M</b>
(d) Up to twenty-five two-wire T/R or up to twelve four-wire T/R, T1/R1 lines, fifty position miniature ribbon network interface for local area data channels or subrate digital services	<b>38.66</b>	<b>RJ48T</b>
(e) Two two-wire T/R line or one four-wire T/R, T1/R1 line, miniature eight position keyed network interface for local area data channels/subrate digital services	<b>7.11</b>	<b>RJ48S</b>
(f) Miniature eight-position, with shorting bars for connection of 1.544 Mbps digital lines.	<b>7.00</b>	<b>RJ48X</b>

##### C. Standard Non-registration

(a) Connection for single private line of two/four wire T/R; TR, T1 R1.	<b>9.00</b>	<b>JM8</b>
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## **A14. AUXILIARY EQUIPMENT**

### **A14.1 Network Interface Equipment (Cont'd)**

#### **A14.1.2 Rates And Charges (Cont'd)**

**D.** (DELETED)

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## **A14. AUXILIARY EQUIPMENT**



## A14. AUXILIARY EQUIPMENT

### A14.2 Toll Restriction (Battery Reversal In Central Office)

#### A14.2.1 General

This service provides central office battery reversal to work in conjunction with customer-provided equipment and/or facility arrangements for the purpose of denying access to toll on central office lines or trunks.

#### A14.2.2 Terms and Conditions

- A. Toll Restriction (Battery Reversal) service will be provided where suitable facilities are available in the central office.
- B. Customer-provided equipment and/or facility arrangements are required in addition to central office battery reversal.
- C. This service will be furnished only to multi-line customers.
- D. At least one customer line or trunk must be available for access to a toll network.
- E. This service is not compatible with certain customer-provided equipment.

#### A14.2.3 Rates And Charges

- A. Toll Restriction (Battery Reversal In Central Office)
  - 1. Per central office line or trunk arranged

	Installation Charge	Monthly Rate	USOC
(a) Each	\$24.56	\$6.79	TDU

### A14.3 Break-In-Rotary Number Group

#### A14.3.1 General

Break-In-Rotary Number Group is an arrangement whereby certain Central Office lines or PBX trunks may be temporarily removed from the Rotary Number Group by means of customer-provided equipment at the subscriber's premises which, through the use of a signaling channel, operates control equipment in the Central Office. The flexibility of this arrangement is dependent on the serving central office.

#### A14.3.2 Rates

The following rates apply for furnishing a Break- In-Rotary Number Group. Basic Termination Charge applies to 60 months.

	Monthly Rate	Basic Termination Charge	USOC
(a) Control relay in central office	\$10.71	\$172.41	BRR
(b) Change in point of break in consecutive number group. Appropriate Service Charges as shown in Section A4.	-	-	NA
(c) Signaling Channel If appropriate, rates and charges specified in the Private Line <i>Guidebook</i> are applicable.	-	-	NA

(T)

(T)

## **A14. AUXILIARY EQUIPMENT**

### **A14.4 High Voltage Protection Equipment (Obsoleted, See Section A114)**

## **A14. AUXILIARY EQUIPMENT**

### **A14.4 High Voltage Protection Equipment (Obsoleted, See Section A114) (Cont'd)**

## **A14. AUXILIARY EQUIPMENT**

### **A14.4 High Voltage Protection Equipment (Obsoleted, See Section A114) (Cont'd)**

## **A14. AUXILIARY EQUIPMENT**

**A14.4 High Voltage Protection Equipment (Obsoleted, See Section A114) (Cont'd)**

**A14.5 Reserved For Future Use**

**A14.6 Reserved For Future Use**

## **A14. AUXILIARY EQUIPMENT**

**(DELETED)**

## **A14. AUXILIARY EQUIPMENT**

**A14.7 Reserved For Future Use**

**A14.8 Reserved For Future Use**

**A14.9 Reserved For Future Use**

## **A14. AUXILIARY EQUIPMENT**

### **A14.10 Reserved For Future Use**



## **A14. AUXILIARY EQUIPMENT**

**A14.11 (DELETED)**

**A14. AUXILIARY EQUIPMENT**

**A14.11 (DELETED) (Cont'd)**

**A14.12 Network Access Line Termination**

**A14.12.1 General**

This service is composed of central office equipment to allow a customer premises switching system to provide station line users with access to a switched private line network for incoming or outgoing calls. The Network Access Terminals connect access lines from a private line network switched at Company premises to the facilities serving the customer's switching equipment. The following charges apply in addition to the monthly rate for the interexchange dial tie-line termination listed following.

**A14.12.2 Rates And Charges**

1. (Inward, Outward Or Two-Way)

	<b>Installation Charge</b>	<b>Monthly Rate</b>	<b>USOC</b>
(a) Each Terminal	<b>\$52.77</b>	<b>\$18.02</b>	<b>9A9</b>
2. Interexchange Dial Tie Line Termination Used In Conjunction With Network Access Terminal			
(a) Each	-	<b>29.26</b>	<b>T5Y</b>
3. Listed Number Trunk Circuit (Not to be Applied When Network Access Terminal Rate is Applicable)			
(a) Each	-	<b>5.33</b>	<b>T4S</b>

**A14. AUXILIARY EQUIPMENT**

**A14.13 Equipment Arrangements To Improve Transmission**

**A14.13.1 General**

Company Off-premises Extension and tie lines are provided subject to terms and conditions as covered in this and other Guidebooks, and the local channel rate includes all equipment required for operation with the regular exchange or toll networks. When special equipment arrangements are provided to improve transmission beyond that normally provided, such as connection to a tandem tie trunk type network, charges are applicable as indicated following. (T)

**A14.13.2 Rates And Charges**

	<b>Installation Charge</b>	<b>Monthly Rate</b>	<b>USOC</b>
(a) Auxiliary Line Equipment, each	\$22.47	\$4.13	SBE
(b) Load Coils, each	-	1.57	YXY
(c) Repeater at central office	-	8.78	6ER
(d) Repeater at customer's premises for 4-wire facility	-	10.14	R4U

**A14.14 Reserved For Future Use**

**A14.15 (DELETED)**

(D)

## **A14. AUXILIARY EQUIPMENT**

### **A14.15 (DELETED) (Cont'd)**

(D)