
AUXILIARY EQUIPMENT

CONTENTS

A14.1	Network Interfaces	1	
A14.1.1	General	1	
A14.1.2	Rates And Charges	2	
A14.2	Toll Restriction (Battery Reversal In Central Office)	7	
A14.2.1	General	7	
A14.2.2	Rates	7	
A14.2.3	Toll Diverting And Toll Restriction	7	(T)
A14.3	Break In Rotary Number Group	7	
A14.3.1	General	7	
A14.3.2	Rates	7	
A14.4	Reserved For Future Use	7	
A14.5	Reserved For Future Use	7	
A14.6	Reserved For Future Use	7	(T)
A14.7	Reserved For Future Use	7	(T)
A14.8	Reserved For Future Use	7	(T)
A14.9	Reserved For Future Use	7	(T)
A14.10	(DELETED)	7	(T)

AUXILIARY EQUIPMENT

CONTENTS

A14.11	(DELETED)	7	(T)
A14.12	Reserved For Future Use	7	(T)
A14.13	Reserved For Future Use	7	(T)
A14.14	Reserved For Future Use	7	(T)
A14.15	Line Out-Of-Service Feature	12	
A14.15.1	General	12	
A14.15.2	Rates	12	

A14. AUXILIARY EQUIPMENT

A14.1 Network Interfaces

A14.1.1 General

- A. Network Interface equipment may be provided in connection with PBX, ESSX-1, or Centrex, and all other classes of main station service. (C)
- B. For outdoor locations weatherproof network interface equipment is available at the rates and charges quoted in A14.1.2 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.

A14. AUXILIARY EQUIPMENT

A14.1 Network Interfaces (Cont'd)

A14.1.2 Rates And Charges

A. Application Of Charges

1. The nonrecurring charge is applicable when a network interface is installed for services other than individual line residence, individual line business or party line basic exchange service. (T)
2. For individual line residence, individual line business or party line basic exchange services the nonrecurring charge is applicable for all Network Interfaces except the Miniature Six Position Network Interfaces (as specified in A14.1.2.B.1.). (N)
3. The Company will, upon request from single dwelling residence customers, install at no charge a combined outside Network Interface/Protection unit on existing service where such an interface does not currently exist.
4. (DELETED)

B. Standard Voice Network Interfaces

1. Miniature Six Position Network Interfaces, each

	Nonrecurring Charge	USOC
(a) Single-line, two-wire Tip and Ring (T/R)	\$21.40	RJ11C
(b) (DELETED)	-	NA
(c) Single-line, two-wire T/R, for wall mounted equipment	21.40	RJ11W
(d) Standard flush inside network interface for single-line T/R	-	NW1
(e) Standard non-flush inside network interface for single-line T/R	-	NW1NF
(f) Standard outside network interface per single line T/R	-	NW1O1
(g) Standard outside network interface per dual lines T/R	-	NW1O2
(h) Standard outside network interface for party line T/R	-	NW1O3
(i) Single line T/R for use in hospital critical care areas	16.00	RJ17C
(j) Single line T/R with make busy (MB and MB1 leads)	16.00	RJ18C
(k) Single line T/R with make busy (MB and MB1 leads) for wall mounted equipment	16.00	RJ18W
(l) Single-line, four-wire T/R and T1/R1 exchange access	21.40	RJ1DC
(m) Two-line T/R, also for message registration, Automatic Identification Outward Dialing, and off-premises station	21.40	RJ14C

A14. AUXILIARY EQUIPMENT

A14.1 Network Interfaces (Cont'd)

A14.1.2 Rates And Charges (Cont'd)

B. Standard Voice Network Interfaces (Cont'd)

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

	Nonrecurring Charge	USOC	
(n) Single-line, two-line T/R, also for message registration, Automatic Identification Outward Dialing, and off-premises station, and for wall mounted equipment	\$21.40	RJ14W	
(o) Two-line T/R, T1/R1 and T2/R2. Sliding cover allows testing of either line	11.00	RJ14X	(N)
(p) Up to three lines T/R, also for message registration, Automatic Identification Outward Dialing, and off-premises station	16.10	RJ25C	(T)
2. Miniature-Ribbon Connector, each			
(a) Up to twenty-five lines, two-wire T/R only	37.00	RJ21X	
(b) Up to twelve tie trunks, two-wire T/R with E and M Type I signaling	37.00	RJ2EX	(T)
(c) Up to eight tie trunks, two-wire T/R with E and M Type II signaling	37.00	RJ2FX	(T)
(d) Up to twelve lines, two-wire T/R with make busy arrangements (MB and MB1 leads)	37.00	RJ2MB	(T)
(e) Up to twelve lines, four-wire T/R and T1/R1 exchange access	37.00	RJ2DX	(T)
(f) Up to eight tie trunks, four-wire T/R, T1/R1 with E and M Type I signaling	37.00	RJ2GX	(T)
(g) Up to six tie trunks, four-wire T/R, T1/R1 with E and M Type II signaling	37.00	RJ2HX	(T)
3. Marina and Recreational Vehicle Network Interface			
(a) Single line T/R female weatherproof network interface for marinas, and recreational vehicles, 3 position	35.80	RJ15C	(T)
4. Miniature Eight Position Network Interface, each			
(a) Up to four lines T/R	6.00	RJ61X	
(b) Single E&M circuit, type I & II, 2-wire or 4-wire transmission path	8.00	RJ1CX	(N)

A14. AUXILIARY EQUIPMENT

A14.1 Network Interfaces (Cont'd)

A14.1.2 Rates And Charges (Cont'd)

C. Standard Data Network Interfaces

1. Programmed, each

	Nonrecurring Charge	USOC	
(a) Programmed data network interface single-line two-wire T/R, for programmed data equipment, miniature eight position keyed	\$48.90	RJ45S	
(b) Miniature fifty-position ribbon, for up to 8 lines to modems with programmable data levels	12.00	RJ27X	(N)
(c) Miniature eight-position keyed with make-busy leads for use with modems with programmable data	12.00	RJ4MB	(N)

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	55.90	RJ41S	
(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	36.00	RJ26X	(T)

3. Multiple-Mounting Apparatus

(a) Multiple mounting apparatus, for up to eight single-line, universal data, miniature eight position keyed network interfaces	149.70	RJ41M	
(b) Multiple mounting apparatus, includes up to eight single line, programmed data, miniature eight position keyed network interfaces	149.70	RJ45M	(T)

4. (DELETED)

(D)

A14. AUXILIARY EQUIPMENT

A14.1 Network Interfaces (Cont'd)

A14.1.2 Rates And Charges (Cont'd)

C. Standard Data Network Interfaces (Cont'd)

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

	Nonrecurring Charge	USOC	
(a) Single line T/R, T1/R1, miniature eight position non-keyed network interface for 1.544 Mbps digital service	\$6.00	RJ48C	
(b) Miniature fifty-position ribbon, for connection of up to twelve four wire 1.544 Mbps digital lines	20.00	RJ48H	(N)
(c) Up to eight lines, eight T/R, eight T1/R1, fifty position miniature ribbon network interface for 1.544 Mbps digital service	37.00	RJ48M	(T)
(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	37.00	RJ48T	(T)
(e) Two two-wire T/R lines or one four-wire T/R, T1/R1, miniature eight position keyed network interface for local area data channels/subrate digital services	6.90	RJ48S	(T)
(f) Miniature eight-position, with shorting bars for connection of 1.544 Mbps digital lines	7.00	RJ48X	(N)

D. Standard Non-registration (N)

- (1) Connection for single private line of two/four wire T/R; TR, T1 R1 (N)
 - (a) Each **8.00** **JM8** (N)

A14. AUXILIARY EQUIPMENT

A14.1 Network Interfaces (Cont'd)

(C)

A14.1.2 Rates And Charges (Cont'd)

E. (DELETED)

(D)

A14. AUXILIARY EQUIPMENT

A14.1 Network Interfaces (Cont'd)

(C)

A14.1.2 Rates And Charges (Cont'd)

E. (DELETED)

(D)

A14. AUXILIARY EQUIPMENT

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

(DELETED)

(D)

A14.2.1 General

Toll restriction arrangements (battery reversal) may be provided where suitable facilities are available in the Central Office for use with customer premises equipment to affect toll denial service on each line or trunk so arranged. However, this arrangement will be furnished only where the customer keeps at least one line available for access to toll.

A14.2.2 Rates

Toll Restriction Arrangement (battery reversal) from certain Central Offices per Central Office Line or trunk arranged

	Installation Charge	Monthly Rate	Termination Charge	USOC TDU
(a) Each	\$31.00	\$7.90	-	

A14.2.3 Toll Diverting And Toll Restriction – ESSX-1 Service

See Section A12.

A14.3 Break In Rotary Number Group

(DELETED)

(D)

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

- A. The following rates apply for furnishing a break in a Rotary Number Group. The Basic Termination Charge applies to 60 months.
 - 1. Common Equipment

	Installation Charge	Monthly Rate	Basic Termination Charge	USOC
(a) For First Ten Lines	-	\$15.25	\$280.00	GHR
(b) For each additional ten lines	-	12.75	200.00	GHS
(c) Change in point of break in Rotary Number Group. Appropriate premises work charges, and service charges in Section A4 are applicable.	-	-	-	NA
(d) Signaling Channel, As specified in the Private Line <i>Guidebook</i> .	-	-	-	1L3++

(T)

A14.4 Reserved For Future Use

A14.5 Reserved For Future Use

A14.6 Reserved For Future Use

A14.7 Reserved For Future Use

A14.8 Reserved For Future Use

A14.9 Reserved For Future Use

A14.10 (DELETED)

A14.11 (DELETED)

A14.12 Reserved For Future Use

A14.13 Reserved For Future Use

A14.14 Reserved For Future Use

(M)

(M)

(M)

(M)

(M)

(M)

(M)

(M)

(M)

Pages 8 through 11 are hereby deleted in their entirety and removed from this Guidebook.

(N)

A14. AUXILIARY EQUIPMENT

A14.6 Reserved For Future Use

A14.7 Reserved For Future Use

A14.8 *Reserved For Future Use*

(T)

A14.9 *Reserved For Future Use*

(T)

A14. AUXILIARY EQUIPMENT

A14.10 (DELETED)

(D)

A14. AUXILIARY EQUIPMENT

A14.11 (DELETED)

(D)

A14. AUXILIARY EQUIPMENT

A14.11 (DELETED) (Cont'd)

(D)

A14.12 Reserved For Future Use

A14.13 Reserved For Future Use

A14.14 Reserved For Future Use

A14. AUXILIARY EQUIPMENT

A14.15 Line Out-Of-Service Feature

A14.15.1 General

- A. Out-Of-Service Feature is designed to provide control of single line in a hunting group. By means of customer-provided equipment at the subscriber's premises, which is used to activate a control channel, the line made busy is by-passed until returned to normal by the customer. Where more than one line is to be taken out of service and repeated attempts could overload switching equipment, a voice recorded announcement should be provided. (T)
- B. At the customer's option, the Line Out-of-Service Feature may be provided by one of the following.
 - 1. Answer-Only Arrangement
The line to be made busy must be auxiliary (inward) line service. By presenting to the central office an off-hook condition the line is busy. The rates in A14.15.2 do not apply for this arrangement. (T)
 - 2. Third Wire Control Arrangement
The line made to appear busy is arranged as (normal) two-way service. A control signal from the station is transmitted over a signaling channel to equipment in the central office which makes the line appear busy. (T)

A14.15.2 Rates

	Installation Charge	Monthly Rate	USOC
A. Control Equipment			
(1) Per line			
(a) Each ¹	\$9.20	\$6.10	J9A
B. Signaling Channel			
(1) If appropriate, company Private Line Channel Mileage applies for each circuit required.			
(a) Per channel	-	-	1L3++
Note 1: Rates and charges for this feature are also located in <i>paragraphs</i> A12.1.8.B.3.a.(14)(n), A12.1.9.B.3.a.(14)(n) and A12.1.10.B.3.a.(14)(n).			(T)