

TWO-WAY TRUNKS
EQUIPMENT UNITS
EQUIPMENT DESIGN REQUIREMENTS
NO. 5 CROSSBAR SYSTEM

1. GENERAL

(b) To incorporate information shown on Addendum, Issue 1.

Scope

1.01 This specification, together with the supplementary information listed herein, provides the equipment design requirements for the assembly, equipment, and circuits to be used in the manufacture and installation of various 2-way intertoll trunks for use in No. 5 Crossbar System.

Description

1.03 The units listed herein provide the equipment for various 2-way trunks. These trunk units mount on relay rack frames listed in J23064.

1.02 This specification is reissued:

1.04 All wiring for these units shall be provided as surface wiring.

(a) To remove Note A.1 and to correct ordering information under J23063Y in accordance with SD-27655-01, Issue 16AR.

SUBDIVISIONS OF EQUIPMENT AND DETAILED INDEX

WECO J drawings should be ordered by referring to the prefix and base number and requesting the current dash (—) number.

Two-Way Trunks

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLATES PER UNIT
J23063A	AT&TCo Std	2-Way IT Trk - INC SERV - D or MF Pulsing - CX or SX Supv Inc - CX or SX Supv or Type "A" TB Sup. Out. OUT SERV - D Pulsing From Sdr - CX or SX Supv Both Inc and Out. - With Access From Swbd 3C or 3CL in Same Bldg	J23063A-()	SD-25842-02	1	6

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLATES PER UNIT
J23063B	AT&TCo Std	2-Way IT Trk - INC SERV - MF Pulsing - CX Supv Inc - CX or SX Supv or Type "A" TB Sup. OUT. - OUT SERV - MF Pulsing - CX Supv Out. CX or SX Supv Inc - With Access From Swbd 3C or 3CL in Same Bldg	J23063B-()	SD-25843-01	1	5
J23063C	AT&TCo Std	2-Way IT Trk - INC SERV - D or MF Pulsing - CX or SX Supx Inc - CX or SX Supv or Type "A" TB Sup. Out. - OUT SERV D Pulsing From Sdr - CX or SX Supv Both Inc and Out. - With Access to Swbd No. 1 in Same Bldg	J23063C-()	SD-25853-01	1	6
J23063D	AT&TCo Std	2-Way IT Trk - INC SERV - D or MF Pulsing - CX or SX Supv Inc - CX or SX Supv or Type "A" TB Sup. Out. - OUT SERV - SERV - MF Pulsing - CX or SX Supv Inc - CX or SX Supv Out. - With Access From Toll Swbd No. 1 in Same Bldg	J23063D-()	SD-25845-01	1	5
J23063H	AT&TCo Std	Unit for One 2-Way Trk to PBX - Inc Calls Using LL Fr and Orig Reg - OG Calls Using TL Fr and DP Sdr - E&M Lead Supv - With or Without AMA - For Use With 4-Wire Link Frames	J23063H-()	SD-27535-01	1	5
J23063J	AT&TCo Std	Unit for Two 2-Way Opr Off. Trk - Noncoin - E&M Lead Supv - Dial or MF Pulsing	J23063J-()	SD-27593-01	2	5
J23063K	AT&TCo Std	Unit for One 2-Way Opr Off. Trk - E&M Lead Supv - Dial or MF Pulsing - Coin & Non- coin	J23063K-()	SD-27593-01	1	4
J23063N	AT&TCo Std	Unit for One 2-Way IT Trk - WADS Only - MF or FS Puls- ing - Direct Access With Local Completion, Message Timing, and AMA	J23063N-()	SD-27646-01	1	5

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLATES PER UNIT
J23063R	A&M Only	Unit for One 2-Way 900 Ω IT Trk - MF Pulsing and E&M Lead Supv Inc and Out - Rev Bat Supv Through Switches - LAMA - Ph I or Ph II Centrex	J23063R-()	SD-27654-01	1	7
J23063S	AT&TCo Std	Unit For One 4-Wire, 2-Way IT Trk - Inc MF Pulsing - Og MF Pulsing or Auto - E&M Lead Supv - With or Without AMA - For Use With 4-Wire Link Frames	J23063S-()	SD-27621-01	1	6
J23063W	AT&TCo Std	Unit for One 2-Way 900 Ohm IT Trk - MF Pulsing and E&M Lead Supv Inc and Out - Rev Bat Supv Through Switches - LAMA	J23063W-()	SD-27655-01	1	5
J23063Y	AT&TCo Std	Unit For One 2-Way 900 Ohm IT Trk - Ph III Centrex MF Pulsing And E&M Lead Supv Inc and Out - Rev Bat Supv Through Switches - LAMA	J23063Y-()	SD-27655-01	1	6
J23063AA	AT&TCo Std	Unit for One 4-Wire, 2-Way Intertoll Trunk Inc MF Puls- ing - Outgoing MF Pulsing - E&M Lead Sup - 2-Way Mul- tilevel Preemption	J23063AA-()	SD-27735-01	1	9 See Note 1
J23063AB	AT&TCo Std	Unit for One 2-Way Trk to PBX - Inc Calls Using Line Link Frame and Orig Reg - Outgoing Calls Using Trk Lk Fr and DP Sender With or Without Multilevel Preemp- tion but will Recognize Pre- emption of Call in Network - E&M Lead Sup - for Use With 4-Wire TL Frs	J23063AB-()	SD-27744-01	1	6
J23063AC	AT&TCo Std	Unit for One 2-Way Trk to PBX - Inc Calls Using Line Link Fr and Orig Reg - Out- going Calls Using Trk Lk Fr and DP Sender - Multilevel Preemption - E&M Lead Sup - For Use With 4-Wire Trk Lk Frs	J23063AC-()	SD-27744-01	1	8

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLATES PER UNIT
J23063AD	AT&TCo Std	4-Wire - 2-Way Intertoll Trk Unit A	J23063AD-()	SD-27735-01		See Note 1
J23063AE	AT&TCo Std	4-Wire - 2-Way Intertoll Trk Unit B	J23063AE-()	SD-27735-01		See Note 1
J23063AJ	AT&TCo Std	Unit for one 2-Way, 900-Ohm Trk for Exchange, Tandem, or Toll Connecting Use	J23063AJ-()	SD-27912-01, SD-94820-01		
J23063E	Reserved					
J23063F	Reserved					

Note 1: Due to manufacturing difficulties in handling 9 plate units the J23063AA trunk unit is being manufactured in two sections J23063AD-() and J23063AE-().

Circuit Schematic Index

2. SUPPLEMENTARY INFORMATION

CIRCUIT DRAWING	J23063 EQUIPMENT CODE
SD-25842-01	A
SD-25843-01	B
SD-25853-01	C
SD-25845-01	D
SD-27535-01	H
SD-27593-01	J,K
SD-27621-01	S
SD-27646-01	N
SD-27654-01	R
SD-27655-01	Y
SD-27735-01	AA,AD,AE
SD-27744-01	AB,AC

819-000-000—List of General Equipment Requirements
Sections
J23064—819-601-150—Relay Rack Specification for
Trunk Units and Relay Equipment
J29259—819-005-150—General Outline—No. 5 Crossbar
System

3. DRAWINGS

For additional drawings forming a part of this
specification, see listings under Subdivision of
Equipment and Detailed Index

Keysheet

SD-25760-01—No. 5 Crossbar System
 SD-25760-02—No. 5 Crossbar System—Current Drain
 Data Sheet

4. EQUIPMENT

***J23063A—AT&TCo Std—Unit for One 2-Way
 Intertoll Trunk—Incoming Service—Dial
 or Multifrequency Pulsing—CX or SX
 Supervision Incoming—CX or SX
 Supervision or Type "A" Talking
 Battery Supply Outgoing—Outgoing
 Service—Dial Pulsing From Sender—CX
 or SX Supervision Both Incoming
 and Outgoing—With Access From
 Switchboard 3C or 3CL in Same
 Building***

Equipment—J23063A-()

List 1—Assembly, equipment, and wiring for one trunk per SD-25842-02, Fig. 1, less options.

List 5—A&M Only—Equipment and wiring required in addition to list 1 for pad control and building-out capacitors per SD-25842-02, Fig. A, 2, and 3 and ZX option.

List 6—Equipment and wiring required in addition to list 1 when pad control is not required per SD-25842-02, Fig. B and ZY option.

List 10—Equipment, including terminal strip P, and wiring required in addition to list 1 when trunk is equipped initially for incoming dial pulsing per SD-25842-02, Fig. F.

List 11—Equipment and wiring required in addition to list 1 for building-out capacitors and 2-dB pad per SD-25842-01, Fig. 5 and ZC option.

Notes

A. In addition, there are options involving wiring only, as follows:

1. Wiring required in addition to list 1 when incoming pulsing is multifrequency per SD-25842-02, Fig. E.

2. Wiring required in addition to list 1 when building-out capacitors and 2-dB pad are not provided per SD-25842-01, ZB option.

B. Job records need not be maintained for W, Z, and ZH options.

***J23063B—AT&TCo Std—Unit for One 2-Way
 Intertoll Trunk—Incoming Service—
 Multifrequency Pulsing—CX Supervision
 Incoming—CX or SX Supervision or
 Type "A" Supply Outgoing—Outgoing
 Service—Multifrequency Pulsing—CX
 Supervision Outgoing—CX or SX
 Supervision Incoming—With Access
 From Switchboard 3C or 3CL in Same
 Building***

Equipment—J23063B-()

List 1—Assembly, equipment, and wiring for one trunk per SD-25843-01, Fig. 1.

List 5—A&M Only—Equipment and wiring required in addition to list 1 for pad control and building-out capacitors per SD-25843-01, Fig. A, 2, and 3 and ZR option.

List 6—Equipment and wiring required in addition to list 1 when pad control is not required

per SD-25843-01, Fig. B and ZS option.

List 7—Equipment and wiring required in addition to list 1 for building-out capacitors and 2-dB pad per SD-25843-01, Fig. 5 and E option.

Notes

- A. In addition, there are options involving wiring only, as follows:
1. Wiring required in addition to list 1 when completion of outgoing traffic via the trunk link frame is required per SD-25843-01, Z option.
 2. Wiring required in addition to list 1 when building-out capacitors and 2-dB pad are not provided per SD-25843-01, F option.
- B. Job records need not be maintained for Q, R, Y, and ZC options.
- C. For SD-25843-01, trunks manufactured prior to Issue 22B, ZW option must be provided where ZU option is used.

J23063C—AT&T Co Std—Unit for One 2-Way Intertoll Trunk—Incoming Service—Dial or Multifrequency Pulsing—CX or SX Supervision Incoming—CX or SX Supervision or Type "A" Talking Battery Supply Outgoing—Outgoing Service—Dial Pulsing From Sender—CX or SX Supervision Both Incoming and Outgoing—With Access to Switchboard No. 1 in Same Building

Equipment—J23063C-()

- List 1**—Assembly, equipment, and wiring for one trunk per SD-25853-01, Fig. 1 and B.
- List 6**—Equipment, including terminal strip P, and wiring required in addition to list 1 for incoming dial pulsing per SD-25853-01, Fig. C.
- List 7**—Equipment and wiring required in addition to list 1 for building-out capacitors and 2-dB pad per SD-25853-01, Fig. 5 and J option.

Notes

- A. In addition, there are options involving wiring only, as follows:
1. Wiring required in addition to list 1 when building-out capacitors and 2-dB pad are not provided per SD-25853-01, K option.
 2. Wiring required in addition to list 1 when incoming pulsing is multifrequency per SD-25853-01, Fig. D.
- B. Job records need not be maintained for X and Y options.

J23063D—AT&T Co Std—Unit for One 2-Way Intertoll Trunk—Incoming Service—Dial or Multifrequency Pulsing—CX or SX Supervision Incoming—CX or SX Supervision or Type "A" Talking Battery Supply Outgoing—Outgoing Service—Multifrequency Pulsing—CX or SX Supervision Incoming—CX or SX Supervision Outgoing—With Access From Toll Switchboard No. 1 in Same Building

Equipment—J23063D-()

- List 1**—Assembly, equipment, and wiring for one trunk per SD-25845-01, Fig. 1 and B.
- List 6**—Equipment and wiring required in addition to list 1 for incoming dial pulsing per SD-25845-01, Fig. C.
- List 7**—Equipment and wiring required in addition to list 1 for building-out capacitors and 2-dB pad per SD-25845-01, Fig. 5 and R option.

Notes

- A. In addition, there are options involving wiring only, as follows:
1. Wiring required in addition to list 1 when building-out capacitors and 2-dB pad are not provided per SD-25845-01, S option.
 2. Wiring required in addition to list 1 for incoming multifrequency pulsing per SD-25845-01, Fig. D.

3. Wiring required in addition to list 1 when completion of outgoing traffic via the trunk link frame is required per SD-25845-01, V option.

B. Job records need not be maintained for H, X, and Y options.

J23063E—Reserved.

J23063F—Reserved.

J23063H—AT&T Co Std—Unit for One 2-Way Trunk to PBX—Incoming Calls Using Line Link Frame and Originating Register—Outgoing Calls Using Trunk Link Frame and Dial Pulse Sender—E&M Lead Supervision—With or Without AMA—For Use With 4-Wire Link Frames

Equipment—J23063H-()

List 2—Equipment and wiring required in addition to list 1 or list 5 when AMA is required on local outgoing calls in accordance with SD-27535-01, Fig. 2.

List 3—Equipment and wiring required in addition to list 1 or list 5 for delay dial signal to PBX on incoming calls in accordance with SD-27535-01, X option.

List 5—Assembly, equipment, and wiring for one trunk in accordance with SD-27535-01, Fig. 1 and R option.

Notes

A. In addition, there are options involving wiring only as follows:

1. Wiring required in addition to list 1 or list 5 when delay dial signal to PBX on incoming calls is not required in accordance with SD-27535-01, Y option.

B. Job records need not be maintained for G, H, Z, ZA, and ZB options.

J23063J—AT&T Co Std—Unit for Two 2-Way Operator Office Trunks—Noncoin—E&M Lead Supervision—Dial or Multifrequency Pulsing

Equipment—J23063J-()

List 1—Assembly, equipment, and wiring for two trunks per SD-27593-01, two Fig. 1 and 2.

Notes

A. Reserved

B. Job records need not be maintained for E, N, Q, R, S, and T options.

J23063K—AT&T Co Std—Unit for One 2-Way Operator Office Trunk—E&M Lead Supervision—Dial or Multifrequency Pulsing—Coin and Noncoin

Equipment—J23063K-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-27593-01, Fig. 1 and 3 and X option.

List 2—Assembly, equipment, and wiring for one trunk with no-test and alarm sending in accordance with SD-27593-01, Fig. 1, 3, and 4.

List 3—Equipment and wiring required in addition to list 1 or 2 to provide coin service improvements (dial-tone-first) in accordance with SD-27593-01, ZF option.

Notes

A. In addition, there are options involving wiring only as follows:

1. Wiring required in addition to list 1 or 2 when list 3 is not provided in accordance with SD-27593-01, ZE option.

B. Job records need not be maintained for E, N, Q, R, S, T, V, W, Y, and Z options.

J23063N—AT&T Co Std—Unit For One 2-Way Intertoll Trunk—For Wide Area Data Service—MF or FS Pulsing—Direct Access With Local Completion, Message Timing, and AMA

Equipment—J23063N-()

List 3—Equipment and wiring required in addition to list 1 or 6 for direct access from a 17B toll testboard per SD-27646-01, Fig. 3.

List 4—Equipment and wiring required in addition

to list 1 or 6 for through switching per SD-27646-01, Fig. 4 and M option.

List 5—Equipment and wiring required in addition to list 1 or 6 when through switching is not required for SD-27646-01, T option.

List 6—Assembly, common equipment, and wiring for one trunk per SD-27646-01, Fig. 1 and SD-94820-01, Fig. 2.

List 7—Equipment and wiring required in addition to list 6 for direct customer access with local completion per SD-27646-01, Fig. 2 and SD-94820-01, Fig. 2.

Notes

A. In addition, there are options involving wiring only as follows:

1. Wiring required in addition to list 1 when direct customer access with local completion is not required per SD-27646-01, X option.

B. Job records need not be maintained for N, S, V, W, Y, and Z options.

J23063R—A&M Only—Unit for One 2-Way 900 Ohm Intertoll Trunk—MF Pulsing and E&M Lead Supervision Incoming and Outgoing—Reverse Battery Supervision Through Switches—LAMA—Phase I or Phase II Centrex

Equipment J23063R-()

List 2—Equipment and wiring required in addition to list 6 for phase II centrex in accordance with SD-27654-01, Fig. 2.

List 3—Equipment and wiring required in addition to list 6 for phase I centrex in accordance with SD-27654-01, Fig. 3.

List 4—Equipment and wiring required in addition to lists 2 and 6 to provide dial transfer for phase II centrex in accordance with SD-27654-01, Fig. 4.

List 5—Equipment and wiring required in addition to lists 3 and 6 to provide dial transfer for phase I centrex in accordance with SD-27654-01, Fig. 5.

List 6—Assembly, equipment, and wiring required for one trunk in accordance with SD-27654-01, Fig. 1 and SD-94820-01 two Fig. 2.

Notes

A. In addition, there are options involving wiring only as follows:

1. Wiring required in addition to list 2 or 3 when dial transfer is not provided in accordance with SD-27654-01, S and T options.
2. Wiring required in addition to list 4 or 5 when don't answer transfer is not provided in accordance with SD-27654-01, W option.

B. Job records need not be maintained for H, J, M, N, Q, R, X, YA, YB, YD, ZB, ZS, and ZX options.

J23063S—AT&T Co Std—Unit For One 4-Wire, 2-Way Intertoll Trunk—Incoming Multifrequency Pulsing—Outgoing Multifrequency Pulsing or Automatic-E&M Lead Supervision—With or Without AMA—For Use With 4-Wire Link Frames

Equipment—J23063S-()

List 2—Equipment and wiring required in addition to list 1 or list 6 when AMA is required per SD-27621-01, Fig. 4.

List 5—A&M Only—Equipment and wiring required in addition to list 1 when called party release is not required per SD-27621-01, K option.

List 6—Assembly, equipment, and wiring required for one trunk per SD-27621-01, Fig. 1 and K option and SD-94820-01, two Fig. 2.

List 7—Equipment and wiring required in addition to list 6 when trunk message timing is required per SD-27621-01, ZS option.

Notes

A. In addition there are options requiring wiring only as follows:

1. Wiring required in addition to list 6 when multistage called party release is required per SD-27621-01, F option.
2. Wiring required in addition to list 6 when multistage called party release is not required per SD-27621-01, G option.

- B. Job records need not be maintained for M, R, W, X, Y, Z and ZI options.

J23063W—AT&TCo Std—Unit for One 2-Way, 900 Ohm Intertoll Trunk—Multifrequency Pulsing and E&M Lead Supervision Incoming and Outgoing—Reverse Battery Supervision Through Switches—LAMA

Equipment—J23063W-()

List 1—Assembly, equipment, and wiring required for one trunk in accordance with SD-27655-01, Fig. 1 and SD-94820-01, two Fig. 2.

List 3—Special—Equipment and wiring required in addition to list 1 when trunk is used with the wideband link frame for DATA-PHONE® 50 operation in accordance with SD-27655-01, ZH and ZS options.

List 4—Special—Equipment and wiring required in addition to list 1 when trunk is used with the wideband link frame for MOD 1 PICTUREPHONE® in accordance with SD-27655-01, ZH and ZL options.

List 5—Special—Equipment and wiring required in addition to list 1 when trunk is used with the wideband link frame for MOD 2 PICTUREPHONE in accordance with SD-27655-01, ZN option.

Notes

- A. Reserved.
- B. Job records need not be maintained for S, T, X, Y, Z, and ZC options.
- C. (Special)—Wiring required in addition to list 1 when universal pad control is used to control echo suppressors per SD-27655-01, E option, in the Case B option must be removed.

J23063Y—AT&TCo Std—Unit For One 2-Way, 900 Ohm Intertoll Trunk—Phase III Centrex—Multifrequency Pulsing and E&M Lead Supervision Incoming and Outgoing—Reverse Battery Supervision Through Switches—LAMA

Equipment—J23063Y-()

List 1—Assembly, equipment, and wiring required for one trunk in accordance with SD-27655-01,

Fig. 1 and 2 and SD-94820-01, two Fig. 2.

List 3—Special—Equipment and wiring required in addition to list 1 when trunk is used with the wideband link frame for DATA-PHONE 50 operation in accordance with SD-27655-01, ZH and ZS options.

List 4—Special—Equipment and wiring required in addition to list 1 when trunk is used with the wideband link frame for MOD 1 PICTUREPHONE in accordance with SD-27655-01, ZH and ZL options.

List 5—Special—Equipment and wiring required in addition to list 1 when trunk is used with the wideband link frame for MOD 2 PICTUREPHONE in accordance with SD-27655-01, ZN option.

Notes

- A. In addition, there are options involving wiring only, as follows:

1. (A&M Only)—Wiring required in addition to list 1 when cancel transfer is from 2 to 2.4 seconds after called centrex station is on-hook per SD-27655-01, options ZU and H.
2. (AT&TCo Special)—Wiring required in addition to list 1 when timed release of the called linkage on called disconnect is from 2 to 2.4 seconds per SD-27655-01, options ZU and G.

- B. Job records need not be maintained for S, T, X, Y, Z and ZC options.

- C. (Special)—Wiring required in addition to list 1 when universal pad control is used to control echo suppressors per SD-27655-01, E option. In this case B option must be removed.

- D. The standard timed release of the called linkage on called disconnect is 1.2 to 1.6 seconds. If any trunk in a marker group is arranged for this timing, all such trunks shall also have 1.2- to 1.6-second timed release.

J23063AA—AT&T Co Std—Unit for One 4-Wire, 2-Way Intertoll Trunk—Incoming Multifrequency Pulsing—Outgoing Multifrequency Pulsing—E&M Lead Supervision—2-Way Multilevel Preemption

Equipment—J23063AA-()

List 1—Assembly, equipment, and wiring for one trunk. (See Table A.)

List 2—Wiring and equipment required in addition to list 1 when trunk is equipped with regenerative repeaters for data transmission in accordance with SD-27735-01, ZR option.

Notes (See Table A)

J23063AB—AT&T Co Std—Unit for One 2-Way Trunk to PBX—Incoming Calls Using Line Link Frame and Originating Register—Outgoing Calls Using Trunk Link Frame and Dial Pulse Sender—Without Multilevel Preemption but will Recognize Preemption of Call in the Network—E&M Lead Supervision—For Use With 4-Wire Link Frames

Equipment—J23063AB-()

List 1—Assembly, equipment, and wiring for one trunk per SD-27744-01, Fig. 1 and Z option, and SD-94820-01, three Fig. 2.

Notes

A. In addition there are options involving wiring only as follows:

1. Wiring required in addition to list 1 when this unit is used with common control PBX per SD-27744-01, ZN option.
2. Wiring required in addition to list 1 when this unit is used with noncommon control PBX per SD-27744-01, ZM option.

B. Job records need not be maintained for A, B, H, J, R, V, and ZD options.

J23063AC—AT&T Co Std—Unit for One 2-Way Trunk to PBX—Incoming Calls Using Line Link Frame and Originating Register—Outgoing Calls Using Trunk Link Frame and Dial Pulse Sender—Multilevel Preemption—E&M Lead Supervision—For Use With 4-Wire Link Frames

Equipment—J23063AC-()

List 1—Assembly, equipment, and wiring for one trunk per SD-27744-01, Fig. 1 and 2 and SD-94820-01, four Fig. 2.

Notes

A. In addition there are options involving wiring only as follows:

1. Wiring required in addition to list 1 when this unit is used with a common control PBX per SD-27744-01, ZN option.
2. Wiring required in addition to list 1 when this unit is used with a noncommon control PBX per SD-27744-01, ZM option.

B. Job records need not be maintained for A, B, H, J, R, T, V, W, X, Y, ZD, and ZJ options.

J23063AD—AT&T Co Std—4-Wire, 2-Way Intertoll Trunk Unit A

Equipment—J23063AD-()

List 1—Assembly, equipment, and wiring for one trunk unit A per SD-27735-01, Fig. 1.

Notes

A. Reserved.

B. This unit is part of J23063AA unit and is mounted directly below J23063AE unit.

J23063AE—AT&T Co Std—4-Wire, 2-Way Intertoll Trunk Unit B

Equipment—J23063AE-()

TABLE A—4-WIRE, 2-WAY INTERTOLL TRUNK — 2-WAY MULTILEVEL PREEMPTION**Component Equipment Units Shall be Equipped as Follows**

UNIT			QUANTITY TO BE PROVIDED		TITLE OF UNIT
J CODE	LIST	RATING	ALWAYS	FOR OPTION REQUIRED	
J23063AD	1	AT&TCo Std	1		4-Wire, 2-Way Intertoll Trunk Unit A
J23063AE	1	AT&TCo Std	1		4-Wire, 2-Way Intertoll Trunk Unit B

Notes

- A. The wiring for list 1 is interunit surface wiring.
- B. Job records need not be maintained for H, J, K, M, N, T, V, W, X, Y, Z, and ZC options.
- C. J23063AA consists of nine mounting plates. An additional mounting plate space shall be reserved immediately above the 9-plate unit for future use.

List 1—Assembly, equipment, and wiring for one trunk unit B per SD-27735-01, Fig. 2 and SD-94820-01, four Fig. 2.

Notes

- A. Reserved.
- B. This unit is part of J23063AA unit and is mounted directly above J23063AD unit.

J23063AJ—AT&TCo Std—Unit for One 2-Way, 900-Ohm Trunk for Exchange, Tandem, or Toll Connecting Use

Equipment—J23063AJ-()

List 1—Assembly, equipment, and wiring for one trunk per SD-27912-01, Fig. 1 and N option and SD-94820-01, two Fig. 2.

List 2—Equipment and wiring required in addition to list 1 for incoming tandem switching per SD-27912-01, Fig. 3.

Notes

- A. In addition there are options requiring wiring only as follows:

1. Wiring required in addition to list 1 when an AMA disconnect entry is required per SD-27912-01, J option.
2. Wiring required in addition to list 1 when AMA disconnect entry is not required per SD-27912-01, H option.
3. Wiring required in addition to list 1 when incoming tandem switching is not provided per SD-27912-01, Q option.

- B. Job records need not be maintained for R, T, and Y options.

5. GENERAL NOTES

5.01 Nonrecord options, involving straps on the switchboard cable side of trunk unit terminal strips, shall be wired by the installation force after the switchboard cable has been connected in order to make the straps accessible for possible changes. These options are not included as lists in this

specification, since job records need not be maintained for them.

List of A&M Only and Mfr Disc. Equipment

5.02 The following equipment is replaced as indicated. Where A&M Only items appear, the issue numbers shown are those of the issue in which the rating was first applied.

5.03 Codes J23063AF through J23063AH are unassigned.

EQUIPMENT	RATING	INFORMATION LAST SHOWN IN ISSUE	REPLACING EQUIPMENT
J23063A,L2, L7* & L8*	Mfr Disc.	1	-
L3 & L4	Mfr Disc.	2	J23063A,L5
L5	A&M Only	2	L11
J23063B,L2 & L3	Mfr Disc.	2	J23063B,L5
L4	Mfr Disc.	1	-
L5	A&M Only	2	L7
J23063C,L2, L3 & L5	Mfr Disc.	2	J23063C,L7
L4	Mfr Disc.	1	-
J23063D,L2, L3 & L5	Mfr Disc.	2	J23063B,L7
L4	Mfr Disc.	1	-

EQUIPMENT	RATING	INFORMATION LAST SHOWN IN ISSUE	REPLACING EQUIPMENT
J23063G	Mfr Disc.	5	J23063S
J23063G,L1	A&M Only	3	J23063G,L6
J23063H,L1	Mfr Disc.	5	J23063H,L5
& L4	Mfr Disc.	5	-
J23063L	Mfr Disc.	4	J23063N
J23063M	Mfr Disc.	5	-
J23063N,L1 & L2	Mfr Disc.	4	J23063N,L6 & L7
J23063P,L1	Mfr Disc.	4	J23063P,L2
J23063P,L2	Mfr Disc.	5	J23063W
J23063R, L2,L3,L4,L5, & L6	A&M Only	5	-
J23063R,L1	Mfr Disc.	4	J23063R,L6
J23063S,L1	Mfr Disc.	5	J23063S,L6
& L3, L4 & L5	Mfr Disc.	5	-
A&M Only	5	-	-
J20063T,L1 & L2	Mfr Disc.	6	-
Mfr Disc.	6	-	-
J23063W,L2	Mfr Disc.	7	-
J23063Y,L2	Mfr Disc.	7	-

*Lists 7 and 8 were renumbered subsequent to the issuing of the specification as lists 8 and 9. List 7 in this series provided for an out-of-service relay which is also rated Mfr Disc.

Bell Telephone Laboratories, Incorporated

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