

**OUTGOING TRUNKS EQUIPMENT UNITS
ASSOCIATED WITH SENDERS
EQUIPMENT DESIGN REQUIREMENTS
NO. 5 CROSSBAR SYSTEM**

1. GENERAL

SCOPE

1.01 This specification, together with the supplementary information listed herein, provides the design requirements for the equipment and circuits to be used in the manufacture and installation of various outgoing trunk units which require association with senders for use in the No. 5 Crossbar System.

1.02 This specification is reissued per:

(a) ***SD-26078-01***

- (1) To rerate J23055AX, List 5 to A&M Only.
- (2) To add J23055AX, List 11.

(b) ***SD-27546-01, Issue 5B***

- (1) To change the title of J23055BH.

(c) ***SD-27547-01, Issue 11D***

- (1) To change the title of J23055BG.
- (2) To rerate J23055BG to A&M Only.
- (3) To rerate J23055BG, List 1 to Mfr Disc. and provide as replacing equipment J23055CP.

(d) ***SD-27550-01, Issue 3D***

- (1) To change Note B of J23055BK.

(e) ***SD-27550-01, Issue 5AC***

- (1) To change the title of J23055BK.
- (2) To change Note B of J23055BK.

(f) ***SD-27551-01, Issue 7D***

- (1) To change Note B of J23055BJ

(g) ***SD-27551-01, Issue 8AC***

- (1) To change the title of J23055BJ.

(h) ***SD-27551-01, Issue 9D***

- (1) To rerate J23055BJ to A&M Only.
- (2) To rerate J23055CN to A&M Only.
- (3) To rerate J23055BJ, List 1 to Mfr Disc.

(i) ***SD-28062-01, Issue 1***

- (1) To provide equipment design information for a new unit J23055CR.

(j) ***SD-28063-01, Issue 1***

- (1) To provide equipment design information for a new unit J23055CP.

(k) ***ES-26274-01, Issue 11B***

- (1) To provide equipment design information for a new unit J23055CS.
- (2) To add Note C to H599-136.

DESCRIPTION

1.03 Units listed herein provide the equipment for various outgoing trunks requiring association with senders. These trunk units mount on relay rack frames listed in J23064.

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

SUBDIVISIONS OF EQUIPMENT AND DETAILED INDEX

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

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT
J23055D	AT&TCo Std	Unit for One OGT — Coin With or Without Timing FR, MR, and With or Without Tdm Completing — Reverse Battery Supervision	J23055D-()	SD-25578-01 SD-25578-02	1	3
J23055F	AT&TCo Std	Unit for Two Aux OGTs — For Use With 2-Way Opr Off. Trk — Inc CX or SX Supv — Outgoing Rev Bat. Supv	J23055F-()	SD-25848-01	2	4
J23055H	AT&TCo	Unit for Two Aux OGTs — For IT Compl — 2-Way Opr Off. Trk CX or SX Signaling	J23055H-()	SD-25867-01	2	3
J23055J	AT&TCo Std	Unit for One Outgoing IT Trunk — MF or FS Pulsing — CX or SX Supv — Both Ends — With OGT Jk App at No. 3C or 3CL MF Swbd in Same Bldg	J23055J-()	SD-25847-01	1	3
J23055K	AT&TCo Std	Unit for One Outgoing Intertoll Trunk — DP From Sdr — Inc and Outgoing CX or SX Supv — With OGT Jack Appearance at MF Swbd No. 3C or 3CL in the Same Bldg	J23055K-()	SD-25846-02	1	4
J23055L	AT&TCo Std	Unit for One OGT — FR, Coin With or With- out Timing — With or Without AMA — With or Without Tdm Compl — Rev Bat. Supv	J23055L-()	SD-25739-01 SD-25739-03 SD-25739-04	1	3

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT
J23055M	AT&TCo Std	Unit for One OGT or Juncor — Flat-Rate, AMA and Message Reg- ister Operation — With or Without Timing — With Message Timing — With or Without Tandem Completing — Reverse Battery Supervision	J23055M-()	SD-25823-02	1	3
J23055N	AT&TCo Std	Toll Sw Trk — From Swbd No. 3C, 3CL, or 3CF in the Same Bldg — Inc MF Pulsing — Out- going DP or RP — Re- verse Bat. Supv — Auto- matic Start of Ringing	J23055N-()	SD-25711-01	1	2
J23055P	AT&TCo Std	Unit for One Toll Sw Trk — From Swbd No. 3C or 3CL in the Same Bldg — Inc MF Puls- ing — Outgoing DP or RP — Rev Bat. Supv — Controlled Start of Ring- ing — With or Without Coin Control Over Sep- arate Single Trunk Con- ductor	J23055P-()	SD-25666-01	1	3
J23055S	AT&TCo Std	Unit for One 2-Way Trk — OUTGOING SER- VICE — MF Pulsing From Position — DP From Sdr — CX or SX Supv — With App on TL Fr for Dial Operation — INCOMING SERVICE — Inc to No. 1 Toll Swbd in Same Bldg — CX or SX Supv	J23055S-()	SD-25655-01	1	3
J23055T	AT&TCo Std	Unit for one 2-Way Trk — OUTGOING SERVICE — DP From Sdr — Inc CX or SX Supv — Outgoing Re- verse Bat. Supv — With Access From No. 1 Toll Swbd in the Same Bldg — Ar- ranged for MF Pulsing — IN- COMING SERVICE — Inc to No. 1 Toll Swbd in Same Bldg — Rev Bat. Supv	J23055T-()	SD-25673-01	1	3

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT
J23055V	AT&TCo Std	Unit for One Combination OG and Toll Sw Trk, FR — AMA — RP, DP, MF, or PCI Pulsing — Inc CX or SX Supv — Outgoing Reverse Bat. Supv — Tdm Completing	J23055V-()	SD-25913-01 SD-25913-02	1	3
J23055W	AT&TCo Std	Make-Busy Unit For Use With Trks to CAMA Offices	J23055W-()	SD-26116-01	5	1
J23055Y	AT&TCo Std	Unit for Two Make-Busy Circuits — For Use With Trks to No. 1 Crossbar Office Which is Used as a Tandem Office	J23055Y-()	SD-25651-01	2	1
J23055AB	AT&TCo Std	Unit for One 2-Way Trk — OUTGOING SER- VICE — DP From Sdr — CX or SX Supv — Both Ends — MF Pulsing From Swbd No. 3C or 3CL in the Same Bldg — INCOM- ING SERVICE — Inc to Swbd No. 3C or 3CL in Same Bldg — CX or SX Supv	J23055AB-()	SD-25667-01	1	3
J23055AC	AT&TCo Std	Unit for One Toll SW Trk — From Toll Swbd No. 1 in Same Bldg — MF Pulse Incoming — DP or RP Outgoing — Rev Bat. or Wet-Dry Supervision — Cont Start of Ringing — With or Without Coin Control	J23055AC-()	SD-25945-01	1	2 or 3
J23055AD	AT&TCo Std	Unit for Two Toll Sw Trks — From No. 1 Toll Swbd in Same Bldg — MF Pulsing Inc — DP or RP Outgoing — Rev Bat. Supv — Automatic Start of Ringing	J23055AD-()	SD-25946-01	2	3

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT
J23055AE	AT&TCo Std	Unit for One 2-Way Trk — OUTGOING SER- VICE — DP From Sdr — CX or SX Supv Inc — Rev Bat. Supv Out- going — MF Pulsing From Swbd No. 3C or 3CL in Same Bldg — IN- COMING SERVICE — Inc to Swbd No. 3C or 3CL in Same Bldg — Rev Bat. Supv	J23055AE-()	SD-25816-01	1	3
J23055AF	AT&TCo Std	Unit for Five Aux Make- Busy Trks — For Use With Toll Sw Trks — Connecting to OGT Ckts — Having Access from Other Swbds — Or SXS Selectors	ED-26526-01	SD-25897-01	5	3
J23055AG	AT&TCo Std	Unit for One Outgoing IT Trk — MFKP Inc — DP Outgoing — From Swbd No. 3C or 3CL — CX or Equivalent-type Supervision	J23055AG-()	SD-25895-01	1	3
J23055AH	AT&TCo Std	Unit for Three Aux IT Trks — From Outgoing IT Trk Ckt — To IT Dialing Trk Ckt	ED-26531-01	SD-25896-01	3	2
J23055AJ	AT&TCo Std	Unit for One Outgoing IT Trk — MFKP Incom- ing — DP Outgoing — From No. 1 Toll Swbd — CX or Equivalent-type Supv	J23055AJ-()	SD-25944-01	1	3
J23055AL	AT&TCo Std	Unit for Two OGT or Junctors — FR without AMA — With or Without Tdm Completing — Re- verse Bat. Supv	J23055AL-()	SD-26085-01	2	3
J23055AM	A&M Only	Unit for One Aux Trk — AMA — Arranged for Direct Access to Inter- toll Trk Ckts	J23055AM-()	SD-25502-01	1	3

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT
J23055AN	AT&TCo Std	Unit for Two Aux Trks — To Combine an OGT With Bylink Inc Trk as a 2-Way Trk — Rev Bat. Supv	J23055AN-()	SD-25503-01	2	2
J23055AP	AT&TCo Std	Unit for Two Aux Trks — To Interconnect OGT and a Bylink Inc Trk With 2-Way Trk — CX, SX, or E&M Lead CX-Type Supv	J23055AP-()	SD-25504-01	2	1
J23055AQ	AT&TCo Std	Unit for Aux OGT — MF Pulsing — For Conv Rev Bat. to E&M Lead Supv	J23055AQ-()	SD-27009-01	2	1 or 2
J23055AR	AT&TCo Std	Unit for Two OGT or Junctors — FR, Message Timing, & MR Opera- tion — With or Without Tmg — With or Without Tdm Compl — Rev Bat. Supv	J23055AR-()	SD-26086-01	2	3 or 4
J23055AS	AT&TCo Std	Unit for One OGT or Juncator — Coin — With or Without Timing — Rev Bat. Supv	J23055AS-()	SD-26087-01	1	2 or 3
J23055AT	AT&TCo Std	Unit for Two Auxiliary Junctors	J23055AT-()	SD-26089-01	2	1
J23055AU	AT&TCo Std	Unit for Two Aux Junc- tors — For Subscriber Access to Trks With SX Supv Incoming	J23055AU-()	SD-26088-01	2	3
J23055AV	AT&TCo Std	Unit for Two Aux OGT — DP — For Conv Rev Bat. Supv to E&M Lead Supv	J23055AV-()	SD-26110-01	2	3
J23055AW	AT&TCo Std	Unit for One Aux OGT — For Direct Subscriber Access to Trks With SX Supv Inc — FR and AMA — With Tdm Com- pleting	J23055AW-()	SD-26111-01	1	2
J23055AX	AT&TCo Std	Unit for One OGT or Juncator for Dial Coin Zone Service	J23055AX-()	SD-26078-01	1	6 or 7

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT
J23055AY	AT&TCo Std	Unit for One 2-Way Trk to CDO — Coin Control & Rering Using Two Fre- quencies Over Tip & Ring — OUTGOING SER- VICE — DP From Sdr — SX Supv & MF Pulsing From No. 3C or 3CL Swbd in Same Bldg — E&M Lead Supv — INCOMING SERVICE — Inc to No. 3C or 3CL Swbd in Same Bldg — E&M Lead Supv	J23055AY-()	SD-26124-01	1	4
J23055BA	AT&TCo Std	Unit for One 2-Way Trk to CDO — Coin Control & Rering Using Two Fre- quencies Over Tip & Ring — OUTGOING SER- VICE — DP From Sdr — SX Supv & MF Pulsing From No. 3C or 3CL Swbd in the Same Bldg — Rev Bat. Supv — INCOMING SERVICE — Inc to No. 3C or 3CL Swbd in Same Bldg — Rev Bat. Supv	J23055BA-()	SD-26125-01	1	4
J23055BB	AT&TCo Std	Unit for One Toll Switch- ing Trk — Coin Cont & Rering Using Two Fre- quencies Over Tip & Ring — From No. 3C or 3CL Swbd in Same Bldg — MF Pulsing Inc — DP Outgoing — E&M Lead Supv	J23055BB-()	SD-26126-01	1	3
J23055BC	AT&TCo Std	Unit for One Toll Sw Trk — From No. 3C or 3CL Swbd in Same Bldg — Inc MF Pulsing — Out- going DP — Rev Bat. Supv — Coin Cont & Re- ring Using Two Frequen- cies Over Tip & Ring	J23055BC-()	SD-26127-01	1	3
J23055BD	AT&TCo Std	Unit for One OGT — FR, Coin, & AMA — With or Without Tdm Compl — Rev Bat. Supv	J23055BD-()	SD-26065-01	1	2

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT
J23055BE	AT&TCO Std	Unit for One Auxiliary Outgoing Trunk — For Direct Customer Access to Trunk With SX Super- vision Incoming — Flat Rate, Message Timing, and AMA — With Tan- dem Completing	J23055BE-()	SD-27541-01	1	3
J23055BF	A&M Only	Unit for One OGT or Juncor — For Special Toll Calls With LAMA and Access to Operator From Same Marker Group — Rev Bat. Supv	J23055BF-()	SD-27568-01	1	2
J23055BG	A&M Only	Unit for One OGT for ANI Operator Assistance or Special Toll — MF Pulsing High-Low Super- vision — Coin & Noncoin	J23055BG-()	SD-27547-01	1	3
J23055BH	AT&TCO Std	Unit for One OGT Ckt, MF Pulsing, ANI, Opera- tor Assistance or Spl Toll, High-Low Supv — Noncoin	J23055BH-()	SD-27546-01	1	2
J23055BJ	A&M Only	Unit for One OGT — MF Pulsing — ANI Operator Assistance or Spl Toll — E&M Lead Supv — Coin & Noncoin — Inband Coin Control	J23055BJ-()	SD-27551-01	1	3
J23055BK	AT&TCO Std	Unit for One OGT — MF Pulsing — ANI — Opera- tor Assistance or Spl Toll — E&M Lead Supv — Noncoin	J23055BK-()	SD-27550-01	1	3
J23055BL	AT&TCO Std	Unit for Two OGT — DP or MF Pulsing — For IT Completion Over 2-Way Operator Office Trks — SX Supv Inc — E&M Lead Supv Outgoing	J23055BL-()	SD-27611-01	2	3
J23055BM	A&M Only	Unit for Modification of Three Aux Outgoing Trk Units for Msg Tmg	J23055BM-()	SD-26111-01	3	1

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT
J23055BN	AT&TCo Std	Unit for Two Toll Switch- ing Trunks From Trunk Line Frame — Incoming CX or SX Supervision — Outgoing Reverse Battery Supervision	J23055BN-()	SD-26178-01	2	3
J23055BT	AT&TCo Std	Unit for One OGT to ONAL — AMA — Tan- dem Completion — E&M Lead Supervision — M Lead Pulsing By Sender	J23055BT-()	SD-27712-01	1	3
J23055BY	AT&TCo Std	JTR — Off-Net Access Line	J23055BY-()	SD-27713-01	2	5
J23055CC	AT&TCo Std	Auxiliary 2-Way Trunk for Use With MJ Mobile Radio Telephone System & No. 3C & 3CL Switch- boards Arranged With MF Pulsing	J23055CC-()	SD-25667-01	1	1
J23055CD	AT&TCo Std	Unit for One Crossbar System No. 5 Junctor Ckt For Completion to LLP Ckts — AMA — With Phase III Centrex Service	J23055CD-()	SD-27725-01	1	4
J23055CE	AT&TCo Std	Unit for One Crossbar System No. 5 Junctor Ckt For Completion to LLP Ckts — AMA	J23055CE-()	SD-27725-01	1	3
J23055CF	AT&TCo Std	Unit for One OGT or Junctor — FR With AMA — With or With- out Tandem Com- pleting — Rev Bat. Supv	J23055CF-()	SD-26085-01	1	2
J23055CG	AT&TCo Std	4-wire Outgoing Intertoll Trunk Unit for Off-Net Access — AMA — Trunk Message Timing — E&M Lead Supervision Inter- office — SX Supervision Through Switch — MF Pulsing	J23055CG-()	SD-27842-01	1	3
J23055CH	AT&TCo Std	Unit for Twelve Supl Aux Outgoing Trks for Use With Trunks per J23055AP	J23055CH-()	SD-25504-01	12	1

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT
J23055CJ	AT&TCo Std	Auxiliary 2-way Trunk Unit for Use With MJ Mobile Radio Telephone System and No. 1 Toll Switchboard Arranged With MF Pulsing	J23055CJ-()	SD-25655-01	1	1
J23055CK	AT&TCo Std	Two-way Trunk Unit Off-Net Access Service in Common Control Switching Arrangements — OUTGOING SERVICE AMA — Tdm Completing — M Lead Pulsing — E&M Supervision — INCOMING SERVICE With or Without Centrex Service — Reverse Battery Supervision Through Switches	J23055CK-()	SD-27836-01	1	7
J23055CL	AT&TCo Std	Unit for One 2-Way Trk Ckt for Off-Net Access Service in Common Control Switching Arrangements — Outgoing Calls Using Trk Link Fr and DP Sdr — Automatic Message Accounting — Tdm Completion — E&M Lead Supv — Inc Calls Using LL Fr and Originating Reg — For Use With 4W LL Frames	J23055CL-()	SD-25843-01	1	8
J23055CM	AT&TCo Std	Outgoing Intertoll Trunk Unit for Off-Net Access — AMA — Trunk Message Timing — E&M Lead Supervision Interoffice — Reverse Battery Through Switches — MF Pulsing	J23055CM-()	SD-27878-01	1	4
J23055CN	A&M Only	Aux OGT for Use with OG Trks per J23055BJ	J23055CN-()	SD-27551-01	10 (Eq. 1)	1
J23055CP	AT&TCo Std	Unit for One OGT — MF Pulsing — High-Low — Supv — Mult-Wink or Polar Marginal Coin Signals — Coin and Non-coin	J23055CP-()	SD-28063-01	1	4

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT
J23055CR	AT&TCo Std	Unit for One OGT — MF Pulsing — E&M Lead Supv — Mult-Wink Coin or Inband Control — Coin and Noncoin	J23055CR-()	SD-28062-01	1	4
J23055CS	AT&TCo Special	Unit for 10-Second Aux OGT Units for Use With Aux OGT Trk Units per H599-136	J23055CS-()	ES-26274-01	10	1
H-599-136	AT&TCo Special	Unit for Two Auxiliary OG Trks Arranged for Customer Group Service	H-599-136	ES-26274-01	2	1

J23055BP — Reserved

J23055BR — Reserved

J23055BS — Reserved

J23055CA — Reserved

J23055CB — Reserved

Circuit Schematic Index

CIRCUIT DRAWING	J23055 EQUIPMENT CODE	CIRCUIT DRAWING	J23055 EQUIPMENT CODE	CIRCUIT DRAWING	J23055 EQUIPMENT CODE
SD-25502-01	AM	SD-25895-01	AG	SD-26126-01	BB
SD-25503-01	AN	SD-25896-01	AH	SD-26127-01	BC
SD-25504-01	AP, CH	SD-25897-01	AF	SD-26178-01	BN
SD-25578-01	D	SD-25904-01	AA	SD-27009-01	AQ
SD-25578-02	D	SD-25913-01	V	SD-27541-01	BE
SD-25651-01	Y	SD-25913-02	V	SD-27546-01	BH
SD-25655-01	S, CJ	SD-25944-01	AJ	SD-27547-01	BG
SD-25666-01	P	SD-25945-01	AC	SD-27550-01	BK
SD-25667-01	AB, CC	SD-25946-01	AD	SD-27551-01	BJ, CN
SD-25673-01	T	SD-26065-01	BD	SD-27568-01	BF
SD-25711-01	N	SD-26078-01	AX	SD-27611-01	BL
SD-25739-01	L	SD-26085-01	AL, CF	SD-27712-01	BT
SD-25739-03	L	SD-26086-01	AR	SD-27713-01	BY
SD-25739-04	L	SD-26087-01	AS	SD-27725-01	CD, CE
SD-25816-01	AE	SD-26088-01	AU	SD-27836-01	CK
SD-25823-02	M	SD-26089-01	AT	SD-27842-01	CG
SD-25846-02	K	SD-26110-01	AV	SD-28743-01	CL
SD-25847-01	J	SD-26111-01	AW, BM	SD-27878-01	CM
SD-25848-01	F	SD-26116-01	W	SD-28063-01	CP
SD-25867-01	H	SD-26124-01	AY	SD-28062-01	CR
		SD-26125-01	BA	ES-26274-01	CS

2. SUPPLEMENTARY INFORMATION

819-000-000—No. 5 Crossbar System Index
 800-600-000—Checking List—General Equipment Requirements Sections
 J23064—819-601-150—Relay Rack Frames for Trunks and Relay Equipments
 J29259—819-005-150—General Outline—No. 5 Crossbar System
 X-67275—Manufacturing Testing Requirements—Outgoing Trunks

3. DRAWINGS

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

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

4. EQUIPMENT

J23055D—AT&TCo Std—Unit for One Outgoing Trunk—Coin With or Without Timing—Flat Rate, Message Rate With or Without Timing—With or Without Tandem Completing—Reverse Battery Supervision

Equipment—J23055D-()

List 1—Assembly, equipment, and wiring for one outgoing trunk per SD-25578-02, Fig. 1, less all options.

List 2—A&M Only—Assembly, equipment, and wiring for one outgoing trunk with coin timing per SD-25578-01, Fig. 1, less all options.

List 3—A&M Only—Equipment and wiring required in addition to list 2 for message register timing per SD-25578-01, Fig. G.

List 4—Equipment and wiring required in addition to list 1 or 2 for individual and 2-party message-rate service per SD-25578-01 or SD-25578-02, Fig. F.

List 6—Equipment and wiring required in addition to list 1 or 2 for talking battery supply per SD-25578-02, Fig. B.

List 7—Equipment and wiring required in addition to list 1 or 2 for tandem completing per SD-25578-01, or SD-25578-02, Fig. C.

Notes

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

1. Wiring required in addition to list 1 or 2 when tandem completing is not provided per SD-25578-01 or SD-25578-02, Fig. D.

2. Wiring required in addition to list 1 or 2 when individual message-rate service only is provided per SD-25578-01 or SD-25578-02, Fig. E.

3. A&M Only—Wiring required in addition to list 2 when coin timing is provided but message register timing is not required per SD-25578-01, Fig. H.

B. A&M Only—The timer and timer drive equipped with cover per SD-25578-01, Fig. 2 and 3 should be ordered separately and mounted in any convenient 23-inch relay rack space that has access to the required fuses.

C. Job records need not be maintained for Y and Z options on SD-25578-01 and W, X, Y, and Z options on SD-25578-02.

J23055F—AT&TCo Std—Unit for Two Auxiliary Outgoing Trunks—For Use With 2-Way Operator Office Trunk—Incoming CX or SX Supervision—Outgoing Reverse Battery Supervision

Equipment—J23055F-()

List 1—Assembly, equipment, and wiring for two auxiliary outgoing trunks per SD-25848-01, two Fig. 1 and B.

List 6—Equipment and wiring required in addition to list 1 for trunks having 1000-cycle impedance which is convertible between a range of 735 to 1200 ohms and a range greater than 1200 ohms per SD-25848-01, T option only.

Notes

A. Reserved.

B. Job records need not be maintained for O, W, X, Y, and Z options.

J23055H—AT&TCo Std—Unit for Two Auxiliary Outgoing Trunks—For Intertoll Completion—2-Way Operator Office Trunk—CX or SX Signaling

Equipment—J23055H-()

List 1—Assembly, equipment, and wiring for two trunks per SD-25867-01, two Fig. 1 and B.

J23055J—AT&TCo Std—Unit for One Outgoing Intertoll Trunk—MF or FS Pulsing—CX or SX Supervision—Both Ends—With Outgoing Trunk Jack Appearance at No. 3C or 3CL MF Switchboard in the Same Building

Equipment—J23055J-()

List 1—Assembly, equipment, and wiring for one trunk per SD-25847-01, Fig. 1.

List 3—A&M Only—Equipment and wiring required in addition to list 1 for pad control per SD-25847-01, Fig. A.

List 4—Equipment and wiring required in addition to list 1 for nonpad control per SD-25847-01, Fig. B.

List 7—Equipment and wiring required in addition to list 1 for building-out capacitors per SD-25847-01, Fig. 4.

List 9—Equipment and wiring required in addition to list 1 for telephone service per SD-25847-01, B, F, and ZA options only.

List 10—A&M Only—Equipment and wiring required in addition to list 1 for telephone service, per SD-25847-01, B, ZF, and ZA options only.

Notes

A. Reserved.

B. Job records need not be maintained for W option.

J23055K—AT&TCo Std—Unit for One Outgoing Intertoll Trunk—DP From Sender—Incoming and Outgoing CX or SX Supervision—With OGT Jack Appearance at MF Switchboard No. 3C or 3CL in the Same Building

Equipment—J23055K-()

List 1—Assembly, equipment, and wiring for one trunk per SD-25846-02, Fig. 1, less all options.

List 2—Equipment and wiring required in addition to list 1 for building-out capacitors per SD-25846-02, Fig. 2 and 3.

List 4—A&M Only—Equipment and wiring required in addition to list 1 for pad control per SD-25846-02, Fig. A.

List 5—Equipment and wiring required in addition to list 1 for nonpad control per SD-25846-02, Fig. B.

Notes

A. Reserved.

B. Job records need not be maintained for Y and Z options.

J23055L—AT&TCo Std—Unit for One Outgoing Trunk—Flat Rate, Coin With or Without Timing—With or Without AMA—With or Without Tandem Completing—Reverse Battery Supervision

Equipment—J23055L-()

List 4—Equipment and wiring required in addition to list 8, 9, or 12 or 14 for talking battery supply per SD-25739-01, SD-25739-03, or SD-25739-04, Fig. B.

List 5—Equipment and wiring required in addition to list 8, 9, or 14 for tandem completing per SD-25739-01, SD-25739-03, or SD-25739-04, Fig. C.

List 8—A&M Only—Assembly, equipment, and wiring for one outgoing trunk, for flat-rate service and timing on coin calls arranged for conversion to AMA per SD-25739-03, Fig. 1, E, and H.

List 9—A&M Only—Assembly, equipment, and wiring for one outgoing trunk, for flat-rate service and coin service without timing, arranged for conversion to AMA per SD-25739-04, Fig. 1 and H.

List 10—A&M Only—Equipment and wiring required in addition to list 8 for automatic message accounting per SD-25739-01, Fig. 1.

List 12—A&M Only—Assembly, equipment, and wiring for one outgoing coin trunk, not arranged for conversion to AMA per SD-25739-04, Fig. 1, D, and J.

Notes

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

1. Wiring required in addition to list 8, 9, or 14 for trunks without tandem completing per SD-25739-01, SD-25739-03, or SD-25739-04, Fig. D.

B. A&M Only—The timer and timer drive equipped with cover per SD-25739-01 and SD-25739-03, Fig. 2 and 3, shall be ordered separately and mounted in any convenient 23-inch relay rack space that has access to the required fuses.

C. Job records need not be maintained for O, Y, and Z options.

J23055M—AT&TCo Std—Unit for One Outgoing Trunk or Junctor—Flat-Rate, AMA, and Message Register Operation—With or Without Timing—With Message Timing—With or Without Tandem Completing—Reverse Battery Supervision

Equipment—J23055M-()

List 5—Equipment and wiring required in addition to list 11 for tandem completing per SD-25823-02, Fig. C.

List 6—Equipment and wiring required in addition to list 11 for individual and 2-party message register services per SD-25823-02, Fig. F.

List 7—Equipment and wiring required in addition to list 11 for message register operation with timing per SD-25823-02, Fig. G.

List 11—Assembly, equipment, and wiring for one outgoing trunk for flat-rate, AMA, and message register operation per SD-25823-02, Fig. 1 and B.

List 12—Equipment and wiring required in addition to list 11 when a 2-dB pad is required in accordance with SD-25823-02, E option.

Notes

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

1. Wiring required in addition to list 11 for trunks without tandem completing per SD-25823-02, Fig. D.

2. Wiring required in addition to list 11 for individual message register service only or message timing per SD-25823-02, Fig. E.

3. Wiring required in addition to list 11 for message register operation without timing or message timing per SD-25823-02, Fig. H.

4. Wiring required in addition to list 11 when 2-dB pad is not provided in accordance with SD-25823-02, F option.

B. The timer and timer drive equipped with cover, per SD-25823-02, Fig. 2 and 3, shall be ordered separately and mounted in any convenient 23-inch relay rack space that has access to the required fuses.

C. Job records need not be maintained for Y and Z options.

J23055N—AT&TCo Std—Unit for One Toll Switching Trunk—From Switchboard No. 3C, 3CL, or 3CF in the Same Building—Incoming MF Pulsing—Outgoing DP or RP—Reverse Battery Supervision—Automatic Start of Ringing

Equipment—J23055N-()

List 6—Equipment and wiring required in addition to list 7 for trunks having 1000-cycle impedance which is convertible between a range of 735 to 1200 ohms and a range greater than 1200 ohms, per SD-25711-01, X option only.

List 7—Assembly, wiring, and equipment for one toll switching trunk per SD-25711-01, Fig. 3, less all options.

List 8—Equipment and wiring required in addition to list 7 for 2-dB pad per SD-25711-01, A option only.

Notes

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

1. Wiring required in addition to list 7 when 2-dB pad is not provided per SD-25711-01, ZA option only.

2. Job records need not be maintained for G, H, M, N, O, R, S, T, Y, and Z options.

- B. Job records need not be maintained for M, N, O, S, T, Y, and Z options.

J23055P—AT&TCo Std—Unit for One Toll Switching Trunk—From Switchboard No. 3C or 3CL in the Same Building—Incoming MF Pulsing—Outgoing DP or RP—Reverse Battery Supervision—Controlled Start of Ringing—With or Without Coin Control Over Separate Single Trunk Conductor

J23055S—AT&TCo Std—Unit for One 2-Way Trunk—OUTGOING SERVICE—MF Pulsing From Position—Dial Pulsing From Sender—CX or SX Supervision—With Appearance on Trunk Link Frame for Dial Operation—INCOMING SERVICE —Incoming to No. 1 Toll Switchboard in Same Building—CX or SX Supervision

Equipment—J23055P-()

Equipment—J23055S-()

List 1—Assembly, equipment, and wiring for one toll switching trunk per SD-25666-01, Fig. 1, less all options.

List 4—Equipment and wiring required in addition to list 1 for coin control per SD-25666-01, Fig. A.

List 8—Equipment and wiring required in addition to list 1 for trunks having 1000-cycle impedance which is convertible between a range of 735 to 1200 ohms and a range greater than 1200 ohms per SD-25666-01, X option only.

List 9—Equipment and wiring required in addition to list 1 for 20-cycle ringing per SD-25666-01, Fig. D.

List 10—Equipment and wiring required in addition to list 1 for simplex ringing per SD-25666-01, Fig. C, and Fig. 1, R option.

List 12—Equipment and wiring required in addition to list 1 for 2-dB pad per SD-25666-01, ZB option.

List 3—Assembly, equipment, and wiring for one 2-way trunk in accordance with SD-25655-01, Fig. 2.

Notes

Notes

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

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

1. Wiring required in addition to list 1 for use where coin control is not used per SD-25666-01, Fig. B.
2. Wiring required in addition to list 1 for connecting to circuits with reverse battery supervision per SD-25666-01, Fig. 1, B option only.
3. Wiring required in addition to list 1 when 2-dB pad is not provided per SD-25666-01, ZC option.

1. Wiring required in addition to list 3 when MJ Mobile Radio Telephone System is not provided in accordance with SD-25655-01, J option.
2. Wiring required in addition to list 3 when MJ Mobile Radio Telephone System link is in same building in accordance with SD-25655-01, H option.
3. Wiring required in addition to list 3 when MJ Mobile Radio Telephone System link is in distant building in accordance with SD-25655-01, G option.

B. Reserved.

C. J23055CJ is required when MJ Mobile Radio Telephone System connection is provided.

J23055T—AT&TCo Std—Unit for One 2-Way Trunk—OUTGOING SERVICE—Dial Pulsing From Sender—Incoming CX or SX Supervision—Outgoing Reverse Battery Supervision—With Access From No. 1 Toll Switchboard in the Same Building—Arranged for MF Pulsing—INCOMING SERVICE—Incoming to No. 1 Toll Switchboard in Same Building—Reverse Battery Supervision

Equipment—J23055T-()

List 1—Assembly, equipment, and wiring for one 2-way trunk per SD-25673-01, Fig. 1 and B.

List 6—Equipment and wiring required in addition to list 1 for trunks having 1000-cycle impedance which is convertible between a range of 735 to 1200 ohms and a range greater than 1200 ohms per SD-25673-01, U option only.

List 7—Equipment and wiring required in addition to list 1 for building-out capacitors per SD-25673-01, Fig. 2.

List 8—Equipment and wiring required in addition to list 7 for 2-db pads per SD-25673-01, ZH option only.

Notes

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

1. Wiring required in addition to list 1 when 2-dB pads are not required in accordance with SD-25673-01, ZI option.

B. Job records need not be maintained for R, W, and X options.

C. When 2-dB pads are provided, ZG option is required.

J23055V—AT&TCo Std—Unit for One Combination Outgoing and Toll Switching Trunk, Flat Rate—AMA—RP, DP, MF, or PCI Pulsing—Incoming CX or SX Supervision—Outgoing Reverse Battery Supervision—With Tandem Completing

Equipment—J23055V-()

List 1—Assembly, equipment, and wiring for one combination outgoing and toll switching

trunk equipped for flat rate per SD-25913-01, Fig. 1 and D, less all options.

List 2—Assembly, equipment, and wiring for one trunk with AMA per SD-25913-02, Fig. 1 and D.

List 4—Equipment and wiring required in addition to list 1 or 2 for talking battery supply per SD-25913-01 or SD-25913-02, Fig. B.

List 7—Equipment and wiring required in addition to list 1 or 2 for trunks having 1000-cycle impedance between 735 and 1200 ohms per SD-25913-01 or SD-25913-02, T option only.

List 8—Equipment and wiring required in addition to list 1 or 2 for trunks having 1000-cycle impedance greater than 1200 ohms per SD-25913-01 or SD-25913-02, V and X options only.

List 9—Equipment and wiring required in addition to list 1 or 2 for trunks having 1000-cycle impedance which is convertible between a range of 735 to 1200 ohms and a range greater than 1200 ohms per SD-25913-01 and SD-25913-02, U option only.

List 12—Equipment and wiring required in addition to list 1 or 2 for building-out capacitor per SD-25913-01 or SD-25913-02, Fig. 2.

List 13—Equipment and wiring required in addition to list 1 or 2 (when a 2-dB pad is required for through-switched intertoll calls in accordance with SD-25913-01 or SD-25913-02, ZB option).

List 14—Equipment and wiring required in addition to lists 1 and 4 when a 4.3-dB pad is required for direct customer access, WADS, in accordance with SD-25913-01, ZG option.

Notes

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

1. Wiring required in addition to list 1 or 2 and list 7 or 9 when impedance is less than 1200 ohms per SD-25913-01 and SD-25913-02, X option only.

2. Wiring required in addition to lists 1 or 2 and 9 when the impedance is greater than 1200 ohms per SD-25913-01 or SD-25913-02, W option only.

3. Wiring required in addition to list 1 or 2 when 2-dB pad is not provided per SD-25913-01 or SD-25913-02, B option only.

4. Wiring required in addition to list 1 when a 4.3-dB pad is not provided in accordance with SD-25913-01, ZF option.
- B. Job records need not be maintained for Y and Z options.
- C. When both the ZC and X options are used with E, F, G, S, T, or U options, R option must be provided in accordance with SD-25913-01 or SD-25913-02.

J23055W—AT&TCo Std—Make-Busy Unit for Use With Trunks to CAMA Offices

Equipment—J23055W-()

List 1—Assembly, common equipment, and wiring for one unit arranged, but not equipped, for five make-busy circuits.

List 2—Equipment and wiring required in addition to list 1 for each make-busy circuit in accordance with SD-26116-01, Fig. 1.

J23055Y—AT&TCo Std—Unit for Two Make-Busy Circuits—For Use With Trunks to No. 1 Crossbar Office Which is Used as a Tandem Office

Equipment—J23055Y-()

List 1—Assembly, equipment, and wiring for two make-busy circuits per SD-25651-01, two Fig. 1.

J23055AB—AT&TCo—Unit for One 2-Way Trunk—OUTGOING SERVICE—Dial Pulsing From Sender—CX or SX Supervision—Both Ends—MF Pulsing From Switchboard No. 3C or 3CL in the Same Building—INCOMING SERVICE—Incoming to Switchboard No. 3C or 3CL in the Same Building—CX or SX Supervision

Equipment—J23055AB-()

List 4—Equipment and wiring required in addition to list 1 or 6 for building-out capacitors per SD-25667-01, Fig. 2.

List 5—Equipment and wiring required in addition to list 4 and 1 or 6 for 2-dB pad per SD-25667-01, Q option.

List 6—Assembly, equipment, and wiring for one

2-way trunk per SD-25667-01, Fig. 3.

List 7—Apparatus and wiring required in addition to list 1 or 6 for combined verification and intercept or information service per SD-25667-01, ZN option.

Notes

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

1. Wiring required in addition to list 6 when 2-dB pad is not provided per SD-25667-01, R option.
2. Wiring required in addition to list 6 when MJ Mobile Radio Telephone System is not provided per SD-25667-01, ZF option.
3. Wiring required in addition to list 6 when MJ Mobile Radio Telephone System link is in same building per SD-25667-01, ZH option.
4. Wiring required in addition to list 6 when MJ Mobile Radio Telephone System link is in distant building per SD-25667-01, ZG option.
5. Wiring required in addition to list 1 or 6 when list 7 is not provided per SD-25667-01, ZM option.

B. Job records need not be maintained for W and X options.

C. J23055CC is required when MJ Mobile Telephone System connection is provided.

J23055AC—AT&TCo Std—Unit for One Toll Switching Trunk—From Toll Switchboard No. 1 in the Same Building—MF Pulsing Incoming—DP or RP Outgoing—Reverse Battery or Wet-Dry Supervision—Controlled Start of Ringing—With or Without Coin Control

Equipment—J23055AC-()

List 1—Assembly, equipment, and wiring for one trunk per SD-25945-01, Fig. 1, less all options.

List 2—Equipment and wiring required in addition to list 1 for simplex ringing per SD-25945-01,

Fig. 1, R option, and Fig. A.

List 3—Equipment and wiring required in addition to list 1 for 20-cycle ringing per SD-25945-01, Fig. B.

List 4—Equipment and wiring required in addition to list 1 for "separate jack" coin control per SD-25945-01, Fig. 1, F option, and Fig. 2.

List 7—Equipment and wiring required in addition to list 1 for trunks having 1000-cycle impedance which is convertible between a range less than 1200 ohms and a range greater than 1200 ohms per SD-25945-01, X option only.

List 9—Equipment and wiring required in addition to list 1 for 2-dB pad per SD-25945-01, ZA option.

Notes

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

1. Wiring required in addition to list 1 when coin control is not required per SD-25945-01, Fig. 1, G option only.
2. Wiring required in addition to list 1 when "position" coin control is required per SD-25945-01, Fig. 1, K option only.
3. Wiring required in addition to list 1 when trunk is connected to reverse battery supervision incoming circuit per SD-25945-01, Fig. 1, H option only.
4. Wiring required in addition to list 1 when 2-dB pad is not provided per SD-25945-01, A option.

B. Job records need not be maintained for J, N, M, S, T, Y, and Z options.

J23055AD—AT&TCo Std—Unit for Two Toll Switching Trunks—From No. 1 Toll Switchboard in the Same Building—MF Pulsing Incoming—DP or RP Outgoing—Reverse Battery Supervision—Automatic Start of Ringing

Equipment—J23055AD-()

List 1—Assembly, equipment, and wiring for two toll switching trunks per SD-25946-01, two

Fig. 1, less options.

List 2—Equipment and wiring required in addition to list 1 for trunks having 1000-cycle impedance less than 1200 ohms per SD-25946-01, V and Z options only.

List 3—Equipment and wiring required in addition to list 1 for trunks having 1000-cycle impedance greater than 1200 ohms per SD-25946-01, W and Z options only.

List 4—Equipment and wiring required in addition to list 1 for trunks having 1000-cycle impedance which is convertible between a range less than 1200 ohms and a range greater than 1200 ohms per SD-25946-01, X option only.

Notes

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

1. Wiring required in addition to list 4 when impedance is less than 1200 ohms per SD-25946-01, Z option only.
2. Wiring required in addition to list 4 when impedance is greater than 1200 ohms per SD-25946-01, Y option only.

B. Job records need not be maintained for M, N, S, and T options.

J23055AE—AT&TCo Std—Unit for One 2-Way Trunk—OUTGOING SERVICE—Dial Pulsing From Sender—CX or SX Supervision Outgoing—MF Pulsing From Switchboard No. 3C or 3CL in the Same Building—INCOMING SERVICE—Incoming to Switchboard No. 3C or 3CL in the Same Building—Reverse Battery Supervision

Equipment—J23055AE-()

List 1—Assembly, equipment, and wiring for one 2-way trunk per SD-25816-01, Fig. 1 and B.

List 7—Equipment and wiring required in addition to list 1 for trunks having 1000-cycle impedance which is convertible between a range of 735 to 1200 ohms and a range greater than 1200 ohms per SD-25816-01, U option only.

List 8—Equipment and wiring required in addition to list 1 for building-out capacitors per

SD-25816-01, Fig. 2.

List 9—Equipment and wiring required in addition to lists 1 and 8 for 2-dB pad per SD-25816-01, ZB option.

List 10—Wiring and equipment required in addition to list 1 when trunk is to be convertible for use with mobile radio per SD-25816-01, ZN option.

List 11—Wiring and equipment required in addition to list 10 when trunk is arranged for alternate voice calling for use with mobile radio per SD-25816-01, ZZ option.

Notes

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

1. Wiring required in addition to list 1 when 2-dB pad is not provided per SD-25816-01, ZC option.
2. Wiring required in addition to list 1 when list 10 is not specified per SD-25816-01, ZM option.
3. Wiring required in addition to list 1 when list 11 is not provided per SD-25816-01, ZY option.

B. Job records need not be maintained for M, N, W, X, and ZO options.

J23055AF—AT&TCo Special—Unit for Five Auxiliary Make-Busy Trunks—For Use With Toll Switching Trunks—Connecting to Outgoing Trunk Circuits—Having Access From Other Switchboards—Or Step-by-Step Selectors

Equipment—ED-26526-01

List 1—Assembly, equipment, and wiring for one trunk per SD-25897-01, Fig. 1; this unit has capacity for five trunks.

List 2—Equipment and wiring required in addition to list 1 for each additional trunk per SD-25897-01, Fig. 1.

List 3—Terminal strip required in addition to lists 1 and 2 for equipped trunk circuits 4 and 5.

J23055AG—AT&TCo Std—Unit for One Outgoing Intertoll Trunk—MFKP Incoming—DP Outgoing—From Switchboard No. 3C or 3CL—CX or Equivalent-type Supervision

Equipment—J23055AG-()

List 1—Assembly, equipment, and wiring for one trunk per SD-25895-01, Fig. 1, less options.

List 2—Equipment and wiring required in addition to list 1 when trunk is used with terminating equipment and CX-type signaling circuit per SD-25895-01, Fig. 1, V option only.

Notes

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

1. Wiring required in addition to list 1 when trunk is used with auxiliary intertoll trunk circuit per SD-25895-01, Fig. 1, T option only.

B. Job records need not be maintained for Y and Z options.

J23055AH—AT&TCo Special—Unit for Three Auxiliary Intertoll Trunks—From Outgoing Intertoll Dialing Trunk Circuit—to Intertoll Dialing Trunk Circuit

Equipment—ED-26531-01

List 1—Assembly, equipment, and wiring for one circuit per SD-25896-01, Fig. 2; this unit has capacity for three trunks.

List 2—Equipment and wiring required in addition to list 1 for each additional circuit per SD-25896-01, Fig. 2.

List 3—Terminal strip required in addition to list 1 for a third circuit.

J23055AJ—AT&TCo Std—Unit for One Outgoing Intertoll Trunk—MFKP Incoming—DP Outgoing—From No. 1 Toll Switchboard—CX or Equivalent-Type Supervision

Equipment—J23055AJ-()

List 1—Assembly, equipment, and wiring for one outgoing intertoll trunk per SD-25944-01, Fig. 1.

Notes

- A. Reserved.
- B. Job records need not be maintained for Y and Z options.

J23055AL—AT&TCo Std—Unit for Two Outgoing Trunks or Junctors—FR Without AMA—With or Without Tandem Completing—Reverse Battery Supervision

Equipment—J23055AL-()

List 1—Assembly, common equipment, and wiring for two trunks in accordance with SD-26085-01, Fig. 1, less all options.

List 2—Equipment and wiring required in addition to list 1 for tandem completing in accordance with SD-26085-01, Fig. 2.

List 5—Equipment and wiring required in addition to list 1 for 2-dB pad in accordance with SD-26085-01, T option.

List 6—Equipment and wiring required in addition to list 1 for flat-rate service only, in accordance with SD-26085-01, Fig. 4, ZD and ZG options.

List 7—AT&TCo Special—Equipment and wiring required in addition to list 1 when answer and disconnect supervision to local customer is required in accordance with SD-26085-01, B option.

Notes

- A. In addition, there are options involving wiring only, as follows:
 1. Wiring required in addition to list 1 when 2-dB pad is not provided in accordance with SD-26085-01, V option.
 2. Wiring required in addition to list 1, except when list 7 is furnished in accordance with SD-26085-01, E option.
- B. Job records need not be maintained for W, X, Y, and Z options.

C. A&M Only—This flat-rate outgoing trunk unit may be arranged for AMA by removing equipment and wiring in accordance with SD-26085-01, Fig. 4, except option ZD, and adding equipment and wiring in accordance with SD-26085-01, Fig. 3 and options ZC and ZE, except option ZF.

J23055AM—A&M Only—Unit for One Auxiliary Trunk—AMA—Arranged for Direct Access to Intertoll Trunk Circuits

Equipment—J23055AM-()

List 1—Assembly, equipment, and wiring for one auxiliary trunk unit in accordance with SD-25502-01, Fig. 1, less all options.

List 2—Equipment and wiring required in addition to list 1 line-busy click-producing circuit for the first equipped of each group of ten trunks connected to the same interrupter, in accordance with SD-25502-01, Fig. 2.

List 3—Equipment and wiring required in addition to list 1 for pad control in accordance with SD-25502-01, Fig. 3.

List 4—Equipment and wiring required in addition to list 1 for 2-dB pad in accordance with SD-25502-01, S option.

List 5—Equipment and wiring required in addition to list 1 when 2-dB pad without pad control is not required, and in addition to list 3 when pad control is required in accordance with SD-25502-01, Z option.

Notes

- A. In addition, there are options involving wiring only, as follows:
 1. Wiring required in addition to list 1 when pad control is not required per SD-25502-01, Y option.
- B. Job records need not be maintained for T and V options.
- C. For uniformity of marker operation, J23055AM must be used for additions to existing trunk groups and J23055AW must be used for new trunk groups.

J23055AN—AT&T Co Std—Unit for Two Auxiliary Trunks—To Combine an Outgoing Trunk With a Bylink Incoming Trunk as a 2-Way Trunk—Reverse Battery Supervision

Equipment—J23055AN-()

List 1—Assembly, common equipment, and wiring for two auxiliary trunks in accordance with SD-25503-01, two Fig. 1, less all options.

List 2—Equipment and wiring required in addition to list 1 when number of trunks in group is six or less and

- (a) trunk conductor resistance is less than 235 ohms,
- (b) earth potential is greater than 12 volts, and
- (c) no corresponding compensation is provided at distant office in accordance with SD-25503-03, Fig. 2.

List 3—Equipment and wiring required in addition to list 1 when number of trunks in group exceeds six in accordance with SD-25503-01, Fig. 3.

Notes

- A. In addition, there are options involving wiring only, as follows:
 - 1. Wiring required in addition to list 1 when number of trunks in group is six or less and
 - (a) trunk conductor resistance is greater than 235 ohms, or
 - (b) earth potential is less than 12 volts, or
 - (c) when compensation is provided at distant office in accordance with SD-25503-01, Z option only.

J23055AP—AT&T Co Std—Unit for Two Auxiliary Trunks—To Interconnect an Outgoing Trunk and a Bylink Incoming Trunk With a 2-Way Trunk—CX, SX, or E and M Lead CX-type Supervision

Equipment—J23055AP-()

List 1—Assembly, equipment, and wiring for two auxiliary trunks in accordance with SD-25504-01, two Fig. 1.

Notes

- A. In addition, there are options involving wiring only, as follows:
 - 1. Wiring required when outgoing release timing is 40 through 190 ms per SD-25504-01, Z option.
 - 2. Wiring required when outgoing release timing is 335 through 755 ms per SD-25504-01, Y option.

J23055AQ—AT&T Co Std—Unit for Two Auxiliary Trunks—MF Pulsing—For Converting Reverse Battery Supervision to E and M Lead Supervision

Equipment—J23055AQ-()

List 1—Assembly, equipment, and wiring for two auxiliary trunks in accordance with SD-27009-01, two Fig. 1.

List 3—Equipment and wiring required in addition to list 1 when tone applier is required in accordance with SD-27009-01, Fig. 3.

Notes

- A. In addition, there are options involving wiring only as follows:
 - 1. Wiring required in addition to list 1 when trunk connects to terminating circuit with 900-ohm impedance in accordance with SD-27009-01, Z option.
 - 2. Wiring required in addition to list 1 when tone applier is not provided in accordance with SD-27009-01, W option.
- B. Job records need not be maintained for Q option.
- C. On trunks manufactured prior to SD-27009-01, Issue 5B, M option must be provided wherever this circuit is used outgoing to CAMA and it is not equipped with tone applier.

J23055AR—AT&TCo Std—Unit for Two Outgoing Trunks or Junctors—Flat Rate, Message Timing, and Message Register Operation—With or Without Timing—With or Without Tandem Completing—Reverse Battery Supervision

Equipment—J23055AR-()

List 1—Assembly, equipment, and wiring for two trunks arranged for flat-rate and individual message-rate service in accordance with SD-26086-01, two Fig. 1.

List 2—Equipment and wiring required in addition to list 1 for tandem completing in accordance with SD-26086-01, Fig. 2.

List 3—Equipment and wiring required in addition to list 1 for message register operation with timing in accordance with SD-26086-01, Fig. 3.

List 4—Equipment and wiring required in addition to list 1 for individual and 2-party message register operation in accordance with SD-26086-01, Fig. 4.

List 5—Equipment and wiring required in addition to list 1 for 2-dB pad in accordance with SD-26086-01, G option.

Notes

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

1. Wiring required in addition to list 1 for message register operation without timing or for message timing in accordance with SD-26086-01, W option.
2. Wiring required in addition to list 1 when 2-dB pad is not provided in accordance with SD-26086-01, H option.

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

J23055AS—AT&TCo Std—Unit for One Outgoing Trunk or Junctor—Coin—With or Without Timing—Reverse Battery Supervision

Equipment—J23055AS-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-26087-01, Fig. 1.

List 2—Equipment and wiring required in addition to list 1 for timing in accordance with SD-26087-01, Fig. 2.

Notes

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

1. Wiring required in addition to list 1 when timing is not provided in accordance with SD-26087-01, W option.

B. Job records need not be maintained for A, B, E, F, G, H, J, K, M, N, O, R, S, T, V, X, Y, Z, and ZA options.

C. ZD option must be used where ZC option (added on SD-26087-01, Issue 4D for use with coin timing) is used.

J23055AT—AT&TCo Std—Unit for Two Auxiliary Junctors

Equipment—J23055AT-()

List 1—Assembly, equipment, and wiring for two auxiliary junctors in accordance with SD-26089-01, two Fig. 1.

J23055AU—AT&TCo Std—Unit for Two Auxiliary Junctors—For Subscriber Access to Trunks With SX Supervision Incoming

Equipment—J23055AU-()

List 1—Assembly, equipment, and wiring for two auxiliary junctors in accordance with SD-26088-01, two Fig. 1.

J23055AV—AT&TCo Std—Unit for Two Auxiliary Outgoing Trunks—Dial Pulsing—For Converting Reverse Battery Supervision to E and M Lead Supervision

Equipment—J23055AV-()

List 1—Assembly, equipment, and wiring for two auxiliary outgoing trunks in accordance with SD-26110-01, two Fig. 1.

List 2—Equipment and wiring required in addition

to list 1 when trunk connects to terminating circuit with 600-ohm impedance in accordance with SD-26110-01, Fig. 2.

Notes

- A. In addition, there are options involving wiring only, as follows:
 - 1. Wiring required in addition to list 1 when trunk connects to terminating circuit with 900-ohm impedance in accordance with SD-26110-01, Z option.
- B. Job records need not be maintained for S and W options.

J23055AW—AT&TCo Std—Unit for One Auxiliary Outgoing Trunk—For Direct Subscriber Access to Trunks With SX Supervision Incoming—Flat Rate and AMA—With Tandem Completing

Equipment—J23055AW-()

- List 1**—Assembly, equipment, and wiring for one auxiliary trunk in accordance with SD-26111-01, Fig. 1.
- List 2**—Equipment and wiring required in addition to list 1 for 2-dB pad and building-out capacitor in accordance with SD-26111-01, Z option.

Notes

- A. In addition, there are options involving wiring only, as follows:
 - 1. Wiring required in addition to list 1 when 2-dB pad and building-out capacitor are not provided in accordance with SD-26111-01, Y option.
- B. Reserved.
- C. For uniformity of marker operation, J23055AW must be used for new trunk groups and J23055AM must be used for additions to existing trunk groups.

J23055AX—AT&TCo Std—Unit for One Outgoing Trunk or Junctor for Dial Coin Zone Service

Equipment—J23055AX-()

- List 1**—Assembly, equipment, and wiring for one outgoing trunk or junctor in accordance with SD-26078-01, Fig. 1.
- List 2**—Equipment and wiring required in addition to list 1 to provide for operation with No. 3C or 3CL switchboard in same building as No. 5 crossbar office in accordance with SD-26078-01, Fig. 2.
- List 3**—Equipment and wiring required in addition to list 1 to provide for operation with No. 1 toll switchboard in same building as No. 5 crossbar office in accordance with SD-26078-01, Fig. 3.
- List 4**—Equipment and wiring required in addition to list 1 to provide for operation with No. 13C, 13D, 14C, 14D, 15C, or 15D, DSA switchboard in same building as No. 5 crossbar office in accordance with SD-26078-01, Fig. 4.
- List 5**—A&M Only—Equipment and wiring required in addition to list 1 to provide for direct operation to a switchboard in a distant building from a No. 5 crossbar office in accordance with SD-26078-01, Fig. 5 and ZK option.
- List 6**—Equipment and wiring required in addition to list 5 to provide for concentrator operation to switchboard in distant building from No. 5 crossbar office in accordance with SD-26078-01, Fig. 6.
- List 7**—Equipment and wiring required in addition to list 1 for AMA operation in accordance with SD-26078-01, Fig. 7.
- List 8**—Equipment and wiring required in addition to list 1 when AMA is not required in accordance with SD-26078-01, Fig. 8.
- List 9**—Equipment and wiring required in addition to list 1 for 2-dB pad in accordance with SD-26078-01, Fig. 9.
- List 10**—Equipment and wiring required in addition to list 1 when coin service improvements (dial-tone-first) are required in accordance with SD-26078-01, ZQ option.
- List 11**—Equipment and wiring required in addition to list 1 to provide for direct operation to a switchboard in a distant building from a No. 5 crossbar office in accordance with SD-26078-01, Fig. 5 and ZK option.

Notes

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

1. Wiring required in addition to list 1 when 2-dB pad is not provided in accordance with SD-26078-01, T option.
2. Wiring per SD-26078-01, ZH option required in addition to lists 2, 3, or 4 when the multiple lamp relay circuit is provided at a switchboard.
3. Wiring per SD-26078-01, ZI option required in addition to lists 2, 3, or 4 when the multiple lamp relay circuit is not provided at a switchboard.
4. Wiring required in addition to list 1 when coin service improvements (dial-tone-first) are not provided in accordance with SD-26078-01, ZP option.

B. Job records need not be maintained for F, G, J, K, M, R, S, V, W, X, Y, and ZL options.

J23055AY—AT&TCo Std—Unit for One 2-Way Trunk to CDO—Coin Control and Rering Using Two Frequencies Over Tip and Ring—OUTGOING SERVICE—Dial Pulsing From Sender—SX Supervision and MF Pulsing From No. 3C or 3CL Switchboard in the Same Building—E and M Lead Supervision—INCOMING SERVICE—Incoming to No. 3C or 3CL Switchboard in Same Building—E and M Lead Supervision

Equipment—J23055AY-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-26124-01, Fig. 1.

List 2—Equipment and wiring required in addition to list 1 when building-out capacitors are required in accordance with SD-26124-01, Fig. 2.

Notes

A. Reserved.

B. Job records need not be maintained for Q, R, V, W, X, Y, and Z options.

J23055BA—AT&TCo Std—Unit for One 2-Way Trunk to CDO—Coin Control and Rering Using Two Frequencies Over Tip and Ring—OUTGOING SERVICE—Dial Pulsing From Sender—SX Supervision and MF Pulsing From No. 3C or 3CL Switchboard in the Same Building—Reverse Battery Supervision—INCOMING SERVICE—Incoming to No. 3C or 3CL Switchboard in Same Building—Reverse Battery Supervision

Equipment—J23055BA-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-26125-01, Fig. 1.

List 2—Equipment and wiring required in addition to list 1 when building-out capacitors are required in accordance with SD-26125-01, Fig. 2.

Notes

A. Reserved.

B. Job records need not be maintained for M, N, Q, R, W; X, Y, and Z options.

J23055BB—AT&TCo Std—Unit for One Toll Switching Trunk—Coin Control and Rering Using Two Frequencies Over Tip and Ring—From No. 3C or 3CL Switchboard in Same Building—MF Pulsing Incoming—Dial Pulsing Outgoing—E and M Lead Supervision

Equipment—J23055BB-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-26126-01, Fig. 1.

Notes

A. Reserved.

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

J23055BC—AT&TCo Std—Unit for One Toll Switching Trunk—From No. 3C or 3CL Switchboard in Same Building—Incoming MF Pulsing—Outgoing Dial Pulsing—Reverse Battery Supervision—Coin Control and Rering Using Two Frequencies Over Tip and Ring

Equipment—J23055BC-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-26127-01, Fig. 1.

Notes

A. Reserved.

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

J23055BD—AT&TCo Std—Unit for One Outgoing Trunk—Flat Rate, Coin, and AMA—With or Without Tandem Completing—Reverse Battery Supervision

Equipment—J23055BD-()

List 1—Assembly, equipment, and wiring for one outgoing trunk in accordance with SD-26065-01, Fig. 1.

List 2—Equipment and wiring required in addition to list 1 when trunk is arranged for tandem completing in accordance with SD-26065-01, Fig. 2.

Notes

A. Reserved.

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

J23055BE—AT&TCo Std—Unit for One Auxiliary Outgoing Trunk—For Direct Customer Access to Trunks With SX Supervision Incoming—Flat Rate, Message Timing, and AMA—With Tandem Completing

List 2—Assembly, equipment, and wiring for one auxiliary trunk in accordance with SD-27541-01, Fig. 1.

List 3—Equipment and wiring required in addition

to list 2 for 2-dB pad in accordance with SD-27541-01, Fig. 2.

List 4—Equipment and wiring required in addition to list 2 for 3.7-dB pad in accordance with SD-27541-01, Fig. 3.

List 5—A&M Only—Equipment and wiring required in addition to list 2 when split for test is required in accordance with SD-27541-01, H option.

List 6—Equipment and wiring required in addition to list 2 for tone applier in accordance with SD-27541-01, Fig. 4.

Notes

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

1. Wiring required in addition to list 2 when split for test is not required in accordance with SD-27541-01, G option.

B. Job records need not be maintained for A, B, J, K, M, R, S, T, V, and Z options.

J23055BF—A&M Only—Unit for One Outgoing Trunk or Junctor—For Special Toll Calls With LAMA and Access to Operator From Same Marker Group—Reverse Battery Supervision

Equipment—J23055BF-()

List 1—Assembly, equipment, and wiring for one outgoing trunk in accordance with SD-27568-01, Fig. 1.

List 2—Equipment and wiring required in addition to list 1 for 2 dB per SD-27568-01, T option.

J23055BG—A&M Only—Unit for One Outgoing Trunk for ANI, Operator Assistance or Special Toll—MF Pulsing—High-Low Supervision—Coin and Noncoin

Equipment—J23055BG-()

List 2—Apparatus and wiring required in addition to list 1 when this circuit is arranged for coin and noncoin operation in accordance with SD-27547-01, J and ZA options.

List 3—Apparatus and wiring required in addition to list 1 when this circuit is arranged for coin and noncoin operation with coin service improvements (dial-tone-first) in accordance

with SD-27547-01, ZB option. (See Note C.)

List 4—Equipment and wiring required in addition to list 2 or list 3 when toll diversion is provided as part of trunk in accordance with SD-27547-01, Fig. 2.

Notes

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

1. Wiring required in addition to list 1 when this circuit is arranged for coin operation only in accordance with SD-27547-01, A option.
2. Wiring required in addition to list 1 when this circuit is arranged for coin operation only with coin service improvements (dial-tone-first) in accordance with SD-27547-01, H option. (See Note C.)
3. Wiring required in addition to list 1 when this circuit is arranged for coin operation only, with coin service improvements (dial-tone-first) not provided in accordance with SD-27547-01, J option.
4. Wiring required in addition to list 1 when automatic return of initial coin on operator answer is provided in accordance with SD-27547-01, F option.
5. Wiring required in addition to list 1 when automatic return of initial coin on operator answer is not provided in accordance with SD-27547-01, G option.

B. Job records need not be maintained per K, M, N, R, S, and Z options.

C. Option F must be provided when H or ZB options are used.

J23055BH—AT&T Co Std—Unit for One Outgoing Trunk Circuit, MF Pulsing, ANI, Operator Assistance or Special Toll, High-Low Supervision, Noncoin

Equipment—J23055BH-()

List 1—Assembly, equipment, and wiring for one outgoing trunk circuit in accordance with SD-27546-01, Fig. 1.

Notes

A. Reserved.

B. Job records need not be maintained for K, M, N, W, X, Y, and Z options.

J23055BJ—A&M Only—Unit for One Outgoing Trunk—MF Pulsing—ANI, Operator Assistance or Special Toll—E and M Lead Supervision—Coin and Noncoin—Inband Coin Control

Equipment—J23055BJ-()

List 3—Apparatus and wiring required in addition to list 1 when this circuit is arranged for coin and noncoin and when coin service improvements (dial-tone-first) are not provided in accordance with SD-27551-01, S option.

List 4—Apparatus and wiring required in addition to list 1 when trunk is arranged for coin and noncoin and when coin service improvements (dial-tone-first) are provided in accordance with SD-27551-01, Q option.

Notes

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

1. Wiring required in addition to list 1 when this circuit is arranged for coin operation only in accordance with SD-27551-01, T option.
2. Wiring required in addition to list 1 when trunk is arranged for coin operation only and when coin service improvements (dial-tone-first) are provided in accordance with SD-27551-01, N option.
3. Wiring required in addition to list 1 when coin service improvements (dial-tone-first) are not provided in accordance with SD-27551-01, R option.
4. Wiring required in addition to list 1 when trunk is arranged for coin operation only and automatic return of initial coin on operator answer is provided in accordance with SD-27551-01, J option.

5. Wiring required in addition to list 1 when trunk is arranged for coin or noncoin operation and automatic return of initial coin on operator answer is provided in accordance with SD-27551-01, K option.
 6. Wiring required in addition to list 1 when automatic return of initial coin on operator answer is not provided per SD-27551-01, M option.
- B. Job records need not be maintained for B, W, X, and Y options.
- C. When this trunk is arranged to provide a T and R lead reversal for toll diversion, an auxiliary outgoing trunk unit per J23055CN is required. This auxiliary unit has provision for ten such circuits.

J23055BK—AT&TCo Std—Unit for One Outgoing Trunk—MF Pulsing—ANI—Operator Assistance or Special Toll—E and M Lead Supervision—Noncoin

Equipment—J23055BK-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-27550-01, Fig. 1.

List 2—Equipment and wiring required in addition to list 1 when trunk connects to terminating circuit with 600-ohm impedance in accordance with SD-27550-01, Fig. 2.

Notes

- A. In addition, there are options involving wiring only, as follows:
1. Wiring required in addition to list 1 when trunk connects to terminating circuit with 900-ohm impedance in accordance with SD-27550-01, Z option.
- B. Job records need not be maintained for K, R, T, V, X, and Y options.

J23055BL—AT&TCo Std—Unit for Two Outgoing Trunks—DP or MF Pulsing—For Intertoll Completion Over 2-Way Operator Office Trunks—SX Supervision Incoming—E and M Lead Supervision Outgoing

Equipment—J23055BL-()

List 1—Assembly, equipment, and wiring for two trunks in accordance with SD-27611-01, two Fig. 1.

Notes

- A. Reserved.
- B. Job records need not be maintained for X and Y options.

J23055BM—A&M Only—Unit for Modification of Three Auxiliary Outgoing Trunk Units for Message Timing

Equipment—J23055BM-()

List 1—Assembly, equipment, and wiring to provide message timing modification for three trunks in accordance with SD-26111-01, three Fig. 2.

Notes

- A. Reserved.
- B. Reserved.
- C. Trunks per SD-26111-01, Fig. 1, must be modified per K option for message timing operation.

J23055BN—AT&TCo Std—Unit for Two Toll Switching Trunks From Trunk Link Frame—Incoming CX or SX Supervision—Outgoing Reverse Battery Supervision

Equipment—J23055BN-()

List 1—Assembly, equipment, and wiring for two trunks per SD-26178-01, two Fig. 1.

List 2—Equipment and wiring required in addition to list 1 for trunks having 1000-cycle impedance of 1200 ohms or less per

SD-26178-01, J option only.

List 3—Equipment and wiring required in addition to list 1 for trunks having 1000-cycle impedance which is convertible from 1200 ohms or less to greater than 1200 ohms per SD-26178-01, M option only.

List 4—Equipment and wiring required in addition to list 1 for building-out capacitor per SD-26178-01, two Fig. 2.

Notes

A. Reserved.

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

J23055BP—Reserved

J23055BR—Reserved

J23055BS—Reserved

J23055BT—AT&TCo Std—Unit for One Outgoing Trunk to Off-Net Access Line—AMA—Tandem Completion—E and M Lead Supervision—M Lead Pulsing By Sender

Equipment—J23055BT-()

List 1—Assembly, equipment, and wiring for one outgoing trunk per SD-27712-01, Fig. 1.

Notes

A. Reserved.

B. Job records need not be maintained for Y and Z options.

C. AT&TCo Special—Wiring required in addition to list 1 when universal pad control is used to control echo suppressors in accordance with SD-27712-01, R option. In this case, option S must be removed.

J23055BY—AT&TCo Std—Junction—Off-Net Access Line

Equipment—J23055BY-()

List 1—Assembly, wiring, and equipment for two junctor off-net access lines in accordance with SD-27713-01, Fig. 1.

Notes

A. Job records need not be maintained for Z options.

J23055CA—Reserved

J23055CB—Reserved

J23055CC—AT&TCo Std—Auxiliary 2-Way Trunk for Use With MJ Mobile Radio Telephone System and No. 3C and 3CL Switchboards Arranged With MF Pulsing

Equipment—J23055CC-()

List 1—Assembly, equipment, and wiring for one auxiliary 2-way trunk with MJ Mobile Radio Telephone System link in same building per SD-25667-01, Fig. 3, ZH option only.

List 2—Assembly, equipment, and wiring for one auxiliary 2-way trunk with MJ Mobile Radio Telephone System link in distant building per SD-25667-01, Fig. 3, ZG option only.

List 3—Equipment required in addition to list 1 for trunks having 1000-cycle impedance less than 735 ohms per SD-25667-01, ZI option.

List 4—Equipment required in addition to list 1 for trunks having 1000-cycle impedance between 735 ohms and 1200 ohms per SD-25667-01, ZK option.

Notes

A. Reserved.

B. Reserved.

C. This unit is an auxiliary to J23055AB and should be mounted directly below J23055AB whenever possible.

J23055CD—AT&T Co Std—Unit for One Crossbar System No. 5 Junctor Circuit for Completion to Line Link Pulsing Circuits—Automatic Message Accounting—With Phase III Centrex Service

Equipment—J23055CD-()

List 2—Equipment and wiring required in addition to list 1, 3, or 4 when office is arranged for don't answer transfer per SD-27725-01, Fig. 3.

List 3—A&M Only—Assembly, equipment, and wiring for one junctor circuit arranged for cancel transfer 2 to 2.4 seconds after called centrex station is on-hook per SD-27725-01, Fig. 1, 2 with R and T options and SD-94820-01, Fig. 2.

List 4—Assembly, equipment, and wiring for one junctor circuit arranged for timed release of the called linkage 1.2 to 1.6 seconds after a called centrex station is on-hook per SD-27725-01, Fig. 1, 2, with Q and S options and SD-94820-01, Fig. 2.

Notes

- A. Reserved.
- B. Job records need not be maintained for Z, Y, W, and X options.
- C. Answer and disconnect supervision is restricted to use with dedicated CCSA-type trunk groups and should not be used with exchange trunk groups.

J23055CE—AT&T Co Std—Unit for One Crossbar System No. 5 Junctor Circuit for Completion to Line Link Pulsing Circuits—Automatic Message Accounting

Equipment—J23055CE-()

List 1—Assembly, equipment, and wiring for one junctor circuit in accordance with SD-27725-01, Fig 1 with T option and SD-94820-01, Fig. 2.

Notes

- A. Reserved.

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

C. Answer and disconnect supervision is restricted to use with dedicated CCSA-type trunk groups and should not be used with exchange trunk groups.

J23055CF—AT&T Co Std—Unit for One Outgoing Trunk or Junctor—Flat Rate With AMA—With or Without Tandem Completing—Reverse Battery Supervision

Equipment—J23055CF-()

List 1—Assembly, common equipment, and wiring for one trunk arranged for AMA per SD-26085-01, Fig. 1 and 3, with ZF option and SD-94820-01, Fig. 2.

List 2—Equipment and wiring required in addition to list 1 for tandem completing per SD-26085-01, Fig. 2.

List 3—Equipment and wiring required in addition to list 1 for 2-dB pad per SD-26085-01, T option.

List 4—AT&T Co Special—Equipment and wiring required in addition to list 1 when answer and disconnect supervision to local customer is required per SD-26085-01, B option.

Notes

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

1. Wiring required in addition to list 1 when 2-dB pad is not required per SD-26085-01, V option.
2. Wiring required in addition to list 1 except when list 4 is furnished per SD-26085-01, E option.

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

J23055CG—AT&T Co Std—4-Wire Outgoing Intertoll Trunk Unit for Off-Net Access Service—Automatic Message Accounting—Trunk Message Timing—E&M Supervision Inter-office—SX Supervision Through Switches—MF Pulsing

Equipment—J23055CG-()

List 1—Assembly, equipment, and wiring for one outgoing intertoll trunk per SD-27842-01, Fig. 1 and SD-94820-01, two Fig. 2.

J23055CH—AT&T Co Std—Unit for Twelve Supplementary Auxiliary Outgoing Trunks for Use With Trunks per J23055AP

Equipment—J23055CH

List 1—Assembly, wiring, and equipment arranged for 12, equipped for two supplementary auxiliary trunks per SD-25504-01, Fig. 2.

List 2—Equipment and wiring for each additional two supplementary auxiliary trunks per SD-25504-01, Fig. 2.

J23055CJ—AT&T Co Std—Auxiliary 2-Way Trunk Unit for Use With MJ Mobile Radio Telephone System and No. 1 Toll Switchboard Arranged With MF Pulsing

Equipment—J23055CJ-()

List 1—Assembly and common equipment for one auxiliary 2-way trunk unit.

List 2—Equipment and wiring required in addition to list 1 for MJ Mobile Radio Telephone System link in distant building in accordance with SD-25655-01, Fig. 2, G option only.

List 3—Equipment and wiring required in addition to list 1 for MJ Mobile Radio Telephone System link in same building and trunk having 1000-Hz impedance less than 735 ohms in accordance with SD-25655-01, Fig. 2, H option only and D option.

List 4—Equipment and wiring required in addition to list 1 for MJ Mobile Radio Telephone System link in same building and trunk having 1000-Hz impedance between 735 ohms and 1200 ohms in accordance with

SD-25655-01, Fig. 2, H option only and F option.

Notes

A. Reserved.

B. Reserved.

C. This unit is an auxiliary to J23055S and should be mounted directly below J23055S whenever possible.

J23055CK—AT&T Co Std—Two-way Trunk Unit for Off-Net Access Service in Common Control Switching Arrangements—OUTGOING SERVICE—Automatic Message Accounting—Tandem Completion—M Lead Pulsing By Sender—E&M Lead Supervision—INCOMING SERVICE—With or Without Centrex Service—Reverse Battery Supervision Through Switches

Equipment—J23055CK-()

List 1—Assembly, equipment, and wiring for one 2-way off-net access trunk in accordance with SD-27836-01, Fig. 1 and SD-94820-01, two Fig. 2.

List 2—Equipment and wiring for one permanent signal alarm required in addition to list 1 for first equipped unit on relay rack in accordance with SD-27836-01, Fig. 2.

List 3—Equipment and wiring required in addition to list 1 when direct connection to auxiliary line unit, SD-99484-01 (J99235DH), in same building is required in accordance with SD-27836-01, Fig. 3.

Notes

A. Reserved.

B. This is a 7-mounting plate unit. A spare mounting plate shall be required above each unit for future use, thus requiring eight mounting plate spaces per unit.

C. Wiring required in addition to list 1 when direct connection to auxiliary line unit, SD-99484-01 (J99235DH), in same building is not required in accordance with SD-27836-01, V option.

- D. Office records need not be maintained for X and Y options.

J23055CL—AT&TCo Std—Unit for One 2-Way Trunk Circuit for Off-Net Access Service in Common Control Switching Arrangements—Outgoing Calls Using Trunk Link Frame and Dial Pulse Sender—Automatic Message Accounting—Tandem Completion—E&M Lead Supervision Incoming Calls Using Line Link Frame and Originating Register—For Use With 4-Wire Line Link Frames

Equipment—J23055CL-()

List 1—Assembly, wiring, and equipment for one 2-way (ONA) trunk for use with 4-wire link frames per SD-27843-01, Fig. 1 and SD-94820-01, two Fig. 2.

List 2—Equipment and wiring for one permanent signal alarm required in addition to list 1 for first equipped unit on each relay rack per SD-27843-01, Fig. 2.

Notes

- A. Reserved.
- B. This is a 7-plate unit. An additional mounting plate space above the unit shall be reserved for future use. The space for eight mounting plates is required for each unit.
- C. Job records need not be maintained for option Z.

J23055CM—AT&TCo Std—Outgoing Intertoll Trunk Unit for Off-Net Access Service—Automatic Message Accounting—Trunk Message Timing—E&M Lead Supervision Interoffice Reverse Battery Through Switches MF Pulsing

Equipment—J23055CM-()

List 1—Assembly, equipment, and wiring for one outgoing intertoll trunk per SD-27878-01, Fig. 1 and SD-94820-01, two Fig. 2.

Notes

- A. Reserved.

- B. Job records need not be maintained for W and X option.

J23055CN—A&M Only—Auxiliary Outgoing Trunk for Use With Outgoing Trunks Per J23055BJ When Method of Providing Toll Diversion Is A Reversal From the Trunk

Equipment—J23055CN-()

List 1—Assembly, wiring, and equipment for one auxiliary outgoing trunk for use with outgoing trunks per J23055BJ when method of providing toll diversion is a T and R lead reversal from the trunk. An auxiliary trunk circuit consists of one RV relay per SD-27551-01, Fig. 3.

List 2—Wiring and equipment required in addition to list 1 for each additional auxiliary trunk per SD-27551-01, Fig. 3.

J23055CP—AT&TCo Std—Unit for One Outgoing Trunk MF Pulsing—High-Low Supervision—Multiple-Wink or Polar Marginal Coin Signals—Coin and Noncoin

Equipment—J23055CP-()

List 1—Assembly, wiring, and equipment for one outgoing trunk in accordance with SD-28063-01, Fig. 1 and SD-94820-01, Fig. 2.

List 2—Equipment and wiring required in addition to list 1 when trunk is arranged for coin operation only and coin service improvements (dial-tone-first) are not provided in accordance with SD-28063-01, Fig. 2, M and S options.

List 3—Equipment and wiring required in addition to list 1 when trunk is arranged for coin operation only and coin service improvements (dial-tone-first) with polar-marginal coin signaling are provided in accordance with SD-28063-01, Fig. 2, M, R, and N options. (See Note C.)

List 4—Equipment and wiring required in addition to list 1 when trunk is arranged for coin operation only and coin service improvements (dial-tone-first) with multiple-wink coin signaling are provided in accordance with SD-28063-01, Fig. 3, 6, M and N options and SD-94820-01, Fig. 2. (See Note C.)

List 5—Equipment and wiring required in addition to list 1 when trunk is arranged for coin

and noncoin operation and coin service improvements (dial-tone-first) are not provided in accordance with SD-28063-01, Fig. 2, 5, S option.

List 6—Equipment and wiring required in addition to list 1 when trunk is arranged for coin and noncoin operation and coin service improvements (dial-tone-first) with polar-marginal coin signaling are provided in accordance with SD-28063-01, Fig. 2, 5, 6, N option. (See Note C.)

List 7—Equipment and wiring required in addition to list 1 when trunk is arranged for coin and noncoin operation and coin service improvements (dial-tone-first) with multiple-wink coin signaling are provided in accordance with SD-28063-01, Fig. 3, 5, 6, N option and SD-94820-01, Fig. 2. (See Note C.)

List 8—Equipment and wiring required in addition to list 4, 5, or 6 when toll diversion is provided as part of trunk in accordance with SD-28063-01, Fig. 4.

Notes

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

1. Wiring required in addition to list 2 or list 5 when automatic return of initial coin on operator answer is provided per SD-28063-01, N option.
2. Wiring required in addition to list 2 or list 5 when automatic return of initial coin on operator answer is not provided per SD-28063-01, Q option.

B. Job records need not be maintained for Z, Y, X, W, V, K, and T options.

C. N option, automatic return of initial coin on operator answer, is always provided with coin service improvements (dial-tone-first).

J23055CR—AT&T Co Std—Unit for One Outgoing Trunk—MF Pulsing—E and M Lead Supervision—Multiple-Wink Coin or Inband Control—Coin and Noncoin

Equipment—J23055CR-()

List 1—Assembly, wiring, and equipment for one outgoing trunk in accordance with SD-28062-01,

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

List 2—Equipment and wiring required in addition to list 1 when trunk is arranged for coin operation only and coin service improvements (dial-tone-first) are not provided in accordance with SD-28062-01, Fig. 2, R and T options.

List 3—Equipment and wiring required in addition to list 1 when trunk is arranged for coin operation only and coin service improvements (dial-tone-first) with inband control are provided in accordance with SD-28062-01, Fig. 2, K, N, and T options. (See Note C.)

List 4—Equipment and wiring required in addition to list 1 when trunk is arranged for coin operation only and coin service improvements (dial-tone-first) with multiple-wink coin control are provided in accordance with SD-28062-01, Fig. 3, 4, K, N, and T options and SD-94820-01, Fig. 2. (See Note C.)

List 5—Equipment and wiring required in addition to list 1 when trunk is arranged for coin and noncoin operation and coin service improvements (dial-tone-first) are not provided in accordance with SD-28062-01, Fig. 2, 6, and R option.

List 6—Equipment and wiring required in addition to list 1 when trunk is arranged for coin and noncoin operation and coin service improvements (dial-tone-first) with inband control are provided in accordance with SD-28062-01, Fig. 2, 4, 6, K and Q options. (See Note C.)

List 7—Equipment and wiring required in addition to list 1 when trunk is arranged for coin and noncoin operation and coin service improvements (dial-tone-first) with multiple-wink coin control are provided in accordance with SD-28062-01, Fig. 3, 4, 6, K and Q options and SD-94820-01, Fig. 2. (See Note C.)

List 8—Equipment and wiring required in addition to list 5, 6, or 7 when toll diversion is provided as part of trunk in accordance with SD-28062-01, Fig. 5.

Notes

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

1. Wiring required in addition to list 2 or list 5 when automatic return of initial coin on operator answer is provided in accordance with SD-28062-01, K option.

- 2. Wiring required in addition to list 2 or list 5 when automatic return of initial coin on operator answer is not provided in accordance with SD-28062-01, M option.
- B. Job records need not be maintained for J, S, V, W, X, Y, and Z options.
- C. K option, automatic return of initial coin on operator answer, is always provided with coin service improvements (dial-tone-first).
- D. Wiring required in addition to list 1 when unrestricted ringback is provided in accordance with SD-28062-01, J option.
- E. Wiring required in addition to list 1 when unrestricted ringback is not provided in accordance with SD-28062-01, H option.

J23055CS—AT&TCo Special—Unit for Ten-Second Auxiliary Outgoing Trunk Units (Equipped for Two) for Use with Auxiliary Outgoing Trunk Units per H599-136

Equipment—J23055CS-()

List 1—Assembly, wiring, and equipment for two second auxiliary outgoing trunks in accordance with ES-26274-01, two option S.

List 2—Wiring and equipment required in addition to list 1 for each additional second auxiliary outgoing trunk in accordance with ES-26274-01, S option.

H-599-136—AT&TCo Special—Unit for Two Auxiliary Outgoing Trunks Arranged for Customer Group Service

Equipment—H-599-136

List 1—Assembly, wiring, and equipment for one auxiliary outgoing trunk unit arranged for two trunks equipped with one trunk in accordance with ES-26274-01, Fig. 1.

List 2—Wiring and equipment required in addition to list 1 to equip second auxiliary outgoing

trunk circuit in accordance with ES-26274-01, Fig. 1.

List 3—A&M Only—Wiring and equipment required in addition to list 1 when tie line pad control is required in accordance with ES-26274-01, Fig. 2. (Also provides equipment necessary for tie line pad control for circuit 2.)

List 4—Wiring and equipment required in addition to list 1 when universal pad control is required in accordance with ES-26274-01, Fig. 3. (Also provides equipment necessary for universal pad control for circuit 2.)

Notes

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

- 1. Wiring required in addition to list 1 when local TOUCH-TONE® dialing to a distant office is required per ES-26274-01, Y option.
- 2. Wiring required in addition to list 1 when local TOUCH-TONE dialing to a distant office is not required per ES-26274-01, Z option.

B. Job records need not be maintained for X option.

C. This auxiliary requires a second auxiliary per J23055CS.

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.

5.02 Codes J23055BQ and J23055CB are unassigned.

List of A&M Only and Mfr Disc. Equipment

DETAILS				DETAILS			
EQUIPMENT	RATING	LAST SHOWN IN ISSUE	REPLACING EQUIPMENT	EQUIPMENT	RATING	LAST SHOWN IN ISSUE	REPLACING EQUIPMENT
J23055A	Mfr Disc.	1	J23055L	J23055AA	Mfr Disc.	12	J23055AA
J23055B	Mfr Disc.	6	J23055AL	J23055AB,L1	Mfr Disc.	11	J23055AB, L6
J23055C	Mfr Disc.	6	J23055AL	L2&L3	Mfr Disc.	7	—
J23055D*				J23055AC,L5			
L2&L3	A&M Only	3	—	&L6	Mfr Disc.	7	—
L5,				L8	Mfr Disc.	8	—
L8&L9	Mfr Disc.	7	—	J23055AE,L2			
J23055E	Mfr Disc.	7	J23055L&M	thru L6	Mfr Disc.	7	—
J23055F,L2				J23055AK	Mfr Disc.	8	J23065N
thru L5	Mfr Disc.	7	—	L2,L3,&L4	Mfr Disc.	7	—
J23055G	Mfr Disc.	10	J23055BN	L7	Mfr Disc.	7	J23055AS
J23055H,L2	Mfr Disc.	7	—	J23055AL,L3	Mfr Disc.	11	J23055CF
J23055J,L2	Mfr Disc.	7	J23055J,L7	L4	Mfr Disc.	11	J23055AL, L6
L3	A&M Only	7	—	J23055AM†	A&M Only	9	J23055AW
L5	Mfr Disc.	3	J23055J,L1	J23055AQ,L2	Mfr Disc.	11	—
L6&L8	Mfr Disc.	7	J23055J,L7	J23055AX,L5	A&M Only	14	—
L10	A&M Only	13	—	J23055BE,L1	Mfr Disc.	9	J23055BE, L2
J23055K,L3	Mfr Disc.	7	—	L5	A&M Only	9	—
L4	A&M Only	7	—	J23055BE	A&M Only	9	—
L6	Mfr Disc.	3	J23055K,L1	J23055BF	A&M Only	9	—
J23055L†				J23055BG	A&M Only	14	—
L1			J23055L,L3	J23055BG,L1	Mfr Disc.	14	J23055CP
&L2	Mfr Disc.		to L10	J23055BJ	A&M Only	14	—
L3,L6&L7	Mfr Disc.	7	—	J23055BJ,L1	Mfr Disc.	14	—
L8&L10	A&M Only	4	—	L2	Mfr Disc.	11	—
L9	A&M Only	9	—	L5	—	13	—
L11	Mfr Disc.	8	—	J23055BL,L2	Mfr Disc.	11	—
L12	A&M Only	5	—	J23055BM	A&M Only	9	—
L13&L14	Mfr Disc.	9	J23055BD	J23055CD,L1	Mfr Disc.	12	J23055CD, L3
J23055M,L1				L3	A&M Only	12	J23055CD, L4
&L2	Mfr Disc.	7	J23055M,L11	J23055CN	A&M Only	14	—
L3,L4,							
L8&L9	Mfr Disc.	7	—				
L10	Mfr Disc.	7	J23055AR				
J23055N,L1	Mfr Disc.	3	J23055N,L7				
L2 thru L5	Mfr Disc.	7	—				
J23055P,L2	Mfr Disc.	7	—				
L3	Mfr Disc.	3	—				
L5	Mfr Disc.	6	—				
L6&L7	Mfr Disc.	7	—				
L11	Mfr Disc.	8	—				
J23055R	Mfr Disc.	7	J23055AR& J23055AS				
J23055S,L1	Mfr Disc.	8	J23055S,L3				
L2	Mfr Disc.	7	—				
J23055T,L2							
thru L5	Mfr Disc.	7	—				
J23055V,L3							
L5,L6,							
L10&L11	Mfr Disc.	7	—				

* J23055D, Lists 1, 4, 6, and 7 rated A&M Only on Issue 3, reinstated to AT&TCO Std on Issue 9.

† J23055L, Lists 4, 5, 9, and 13 rated A&M Only on Issue 4, and reinstated to AT&TCO Std on Issue 9.

‡ Code J23055AM was rated Mfr Disc in Issue 7 and reinstated to A&M Only in Issue 9.

The above equipment has been 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.

Bell Telephone Laboratories, Incorporated

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