

OUTGOING TRUNKS EQUIPMENT UNITS
NOT 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 equipment design requirements for the assembly, equipment, and circuits to be used in the manufacture and installation of various outgoing trunks, not requiring association with senders, for use in No. 5 Crossbar System.

1.02 This specification is reissued:

- (a) To rerate J23057AG and J23057CE Mfr Disc. in accordance with SD-25928-01, Issue 8D.
- (b) To change title of J23057BF and J23057BN in accordance with SD-26095-01, Issue 9D and SD-26137-01, Issue 5D.
- (c) To remove Note A from J23057BY and J23057BZ in accordance with SD-26121-01.
- (d) To rerate J23057CD and J23057CF A&M Only in accordance with SD-27829-01, Issue 8D.
- (e) To rerate J23057CD, List 2 and 3 Mfr Disc. and add list 4 and 5 in accordance with SD-27829-01, Issue 7D.

(f) To provide equipment information for J23057CK, CL, CM, and CQ in accordance with SD-27996-01, Issue 1 and Issue 2.

(g) To provide equipment information for J23057CN and CP in accordance with SD-28045-01, Issue 1, Issue 2, and Issue 3.

(h) To provide equipment information for J23057CR and CW in accordance with SD-28042-01, Issue 1.

(i) To provide equipment information for J23057CS, CT, CU, and CX in accordance with SD-28043-01, Issue 1 and Issue 2.

(j) To provide equipment information for J23057CV in accordance with SD-28041-01, Issue 1.

DESCRIPTION

1.03 Units listed herein provide the equipment for various outgoing trunks not 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 PLATES PER UNIT
J23057G	AT&TCO Std	Unit for Two Stuck Coin Trks	J23057G-()	SD-25763-01	2	3
J23057N	AT&TCO Std	Unit for Two Aux OG Trks for Use With No. 3C or 3CL Swbd — RD IT Trk	J23057N-()	SD-25851-01	2	5
J23057S	AT&TCO Std	Unit for Two OG Trks to No. 3C or 3CL Swbd Tst and No. 8 Cont Bd, or No. 17B or 18B Toll Testbd	J23057S-()	SD-25850-01	2	5
J23057T	AT&TCO Std	Unit for Two Free Trks — OG to Cent. DSA Swbd From Trk Lk Fr — Rev Bat. Supv — With or Without Tdm Comp — With or Without Coin Ret After Disc.	J23057T-()	SD-25889-01	2	4
J23057U	AT&TCO Std	Unit for One OG Trk for IT Compl to No. 1 Toll Swbd or No. 5 Toll Tstbd in Same Bldg	J23057U-()	SD-25858-01	1	3
J23057W	AT&TCO Std	Unit for Two OG Trks for Inf Serv — Inc CX, or SX Supv — OG High-low Supv	J23057W-()	SD-25902-01	2	3
J23057AB	AT&TCO Std	Unit for One Aux OG Trk for Use With No. 1 Toll Swbd RD IT Trk — Inc CX or SX Supv — OG RD Supv	J23057AB-()	SD-25852-01	1	3
J23057AJ	AT&TCO Std	Unit for One Rec Compl or Spcl Serv Trk — High-low Supv — Arranged for Coin Cont Over Sep Single Trk Cond — With or With- out Class-of-Service Tone — With or Without Auto. Ret of Init Coin — Or Vac Code Incpt Trk With Auto. Ret of Init Coin	J23057AJ-()	SD-25923-01 SD-25923-02 SD-25923-03 SD-25923-04	1	4
J23057AN	AT&TCO Std	Unit for Two Aux Trks to Prec Trk Ckt Not Arr for Coin Ret — To Prov Coin Ret From Coin Sup Ckt When Cust Disc. — For Use With 191-Type or Equiv Coin Coll	J23057AN-()	SD-25936-01	2	1

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLATES PER UNIT
J23057AP	AT&TCo Std	Unit for Two Aux Trks to Prec Coin Spl Serv or Rec Comp Trk Ckt — To Apply Coin Ret Pot. When Opr Ans or When Cust Disc. Bef Attendant Ans — For Use With 191-Type or Equiv Coin Coll	J23057AP-()	SD-25953-01	2	3
J23057AR	AT&TCo Std	Unit for One Ann Trk — Flat Rate, Coin MR — With or Without Tdm Compl	J23057AR-()	SD-25689-01	1	3
J23057AS	AT&TCo Std	Unit for Two Rec Compl, Spl Serv, or Vac Code Incpt Trks to Distant Toll Swbd — High- low Supv — Noncoin	J23057AS-()	SD-26090-01	2	3
J23057AT	AT&TCo Std	Unit for One Rec Compl, Spl Serv, or Vac Code Incpt Trk to Distant Toll Swbd — Coin — High-low Supv	J23057AT-()	SD-26091-01	1	3
J23057AV	AT&TCo Std	Unit for Two Rec Compl or Vac Code Incpt Trks to No. 3C or 3CL Swbd in Same Bldg — Noncoin	J23057AV-()	SD-26092-01	2	3
J23057AW	AT&TCo Std	Unit for Two Rec Compl or Vac Code Incpt Trks to No. 1 Toll Swbd in Same Bldg — Noncoin	J23057AW-()	SD-26092-01	2	3 or 4
J23057AX	AT&TCo Std	Unit for One Rec Compl or Vac Code Incpt Trk to No. 3C or 3CL Swbd in Same Bldg — Coin	J23057AX-()	SD-26093-01	1	3
J23057AY	AT&TCo Std	Unit for One Rec Compl or Vac Code Incpt Trk to No. 1 Toll Swbd in Same Bldg — Coin	J23057AY-()	SD-26093-01	1	3
J23057AZ	AT&TCo Std	Unit for Six Vac Code Delay Ckts	J23057AZ-()	SD-26097-01	6	1
J23057BA	AT&TCo Prov	Unit for Six Trk Aux Sleeve Ckts to Permit Trks Having Access to No. 3C or 3CL Swbd to Appear Also at No. 3 Swbd — Trk Busy Tst Not Made by Attendant	J23057BA-()	SD-25509-01	6	1

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLATES PER UNIT
J23057BB	AT&TCo Prov	Unit for Four Trk Aux Sleeve Ckts to Permit Trks Having Access to No. 3C or 3CL Swbd to Appear Also at No. 3 Swbd — Trk Busy Tst Made by Attendant	J23057BB-()	SD-25509-01	4	1
J23057BC	AT&TCo Std	Unit for Two OG Trks for IT Compl to Dist Toll Swbd for TX and Similar Serv or to Dis Toll Tstbd — Inc CX or SX Supv — OG Rev Bat. Supv	J23057BC-()	SD-25519-01	2	3
J23057BD	AT&TCo Std	Unit for One Rec Compl, Spl Serv, or Vac Code Incpt Trk — With or Without Class-of- Service Tone — E&M Lead Supv	J23057BD-()	SD-26098-01	1	2
J23057BE	AT&TCo Std	Unit for One Rec Compl, Spl Service, or Vac Code Incpt Trk — Coin or Coin With Noncoin — E&M Supv	J23057BE-()	SD-26099-01	1	3
J23057BF	AT&TCo Std	Unit for One OG Trk From Trunk Link and Line Link Frs to No. 2 Rep Serv Desk or Local Test Desk No. 14 or 16 — High-low Supervision	J23057BF-()	SD-26095-01	1	2 or 3
J23057BG	AT&TCo Std	Unit for Two OG Trks From Trunk Link Fr for Info, Rep, Off. PBX, or Incpt Service — E&M Supv	J23057BG-()	SD-26096-01	2	3
J23057BH	AT&TCo Std	Unit for One OG Incpt Trk From Trunk Link Frame to Attendant or No. 6A Ann. System — Reverse High-low Supv	J23057BH-()	SD-26108-01	1	2
J23057BL	AT&TCo Std	Unit for Two OG Trks to Dis Swbd for Use With Coin Zone Trk and Junct Ckts	J23057BL-()	SD-26117-01	2	1 or 2
J23057BM	AT&TCo Std	Unit for One OG Info Trk From Trk Link Fr — With or Without Tdm Compl — With or Without Coin Ret After Disc.	J23057BM-()	SD-26144-01	1	1

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLATES PER UNIT
J23057BN	AT&TCo Std	Unit for One Tst Trk From Trk Lk Fr to Loc Tst Desk No. 12B, 14, or 16	J23057BN-()	SD-26137-01	1	1
J23057BP	AT&TCo Std	Unit for One OG Ann Trk — Flat Rate, Coin, and AMA — With or Without Tdm Compl	J23057BP-()	SD-26148-01	1	2
J23057BR		Reserved				
J23057BS	AT&TCo Std	Unit for One Rec-Com or Vac Cd Incpt Trk to No. 5D Swbd in Same Bldg — For Use With 4-Wire Trk Lk Frames	J23057BS-()	SD-27503-01	1	2
J23057BT	AT&TCo Std	Unit for Two OG Sta Trks — E&M Supv — For Use With 4-Wire Trk Lk Frames	J23057BT-()	SD-27642-01	2	3
J23057BU	AT&TCo Std	Unit for One 4-Wire Attendant or Vac Cd Incpt Trk to No. 5D Swbd in Same Bldg	J23057BU-()	SD-27733-01	1	4
J23057BV	AT&TCo Std	Unit for Two Aux Test Trks for Use With Test Trunks Per J23057BN Arranged for Range Extension for Unigauge Cabling	J23057BV-()	SD-26137-01	2	1
J23057BY	A&M Only	Unit for Four Aux Incpt Trks for Use With Incpt Trks Per J23057BJ Arranged for Cut- Through Coordinated With Start of Announcement Cycle	J23057BY-()	SD-26121-01	4	1
J23057BZ	A&M Only	Unit for Four Aux Incpt Trks Per J23057BK Arranged for Cut- Through Coordinated With Start of Announcement Cycle	J23057BZ-()	SD-26121-01	4	1
J23057CA	AT&TCo Std	Unit for Three Incpt Trk Cut- Through Relays	J23057CA-()	SD-26121-01	1	1
J23057CB	AT&TCo Std	Unit for One Incpt Trk Ckt (Line Link)	J23057CB-()	SD-26121-01	1	1
J23057CC	AT&TCo Std	Unit for One Incpt Trk Ckt (Trunk Link)	J23057CC-()	SD-26121-01	1	2

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLATES PER UNIT	
J23057CD	A&M Only	Unit for One Position Trk for Automatic Call Distribution High-low Reverse Battery Supervision	J23057CD-()	SD-27829-01	1	2	
J23057CF	A&M Only	ACD Position Trk Assy	J23057CF-()	SD-27829-01	10	3	
J23057CG	AT&TCo Std	Unit for One Aux Intercept Trk for Transfer of Customer to Operator for Use With Intercept Trks Arranged for Cut-Through with Start of Announcement Cycle	J23057CG-()	SD-26121-01	1	1	
J23057CH	AT&TCo Std	Unit for Two Dial-Tone-First Announcement and Cutoff Trks for Use With No. 6A or 7A Announcement System	J23057CH-()	SD-26121-01	2	3	
J23057CK	AT&TCo Std	Unit for Two Free Call Trk Lk Fr — Ring Down Sig With or Without Tandem Comp. With or Without Coin Return After Disconnect	J23057CK-()	SD-27996-01	2	3	
J23057CL	AT&TCo Std	Unit for one 911 Emerg Service Trk — Ring Down Sig — With or Without Tandem Comp. With or Without Coin Return After Disconnect	J23057CL-()	SD-27996-01	1	4	
J23057CM	AT&TCo Special	Unit for two Computer Port Access Trks Ring Down Sig via Trk Lk or Trk Lk Line Lk	J23057CM-()	SD-27996-01	2	3	
J23057CN	AT&TCo Std	Outgoing Trk Unit for ACD Close Down Service — High-Low Supv	J23057CN-()	SD-28045-01	1	2	
J23057CP	AT&TCo Std	Outgoing Trk Unit for ACD Close Down Service — E and M Lead Supervision	J23057CP-()	SD-28045-01	1	2	
J23057CQ	AT&TCo Std	Unit for Six 911 Permanent Sig Units	J23057CQ-()	SD-27996-01	6	1	
J23057CR	AT&TCo Std	Unit for one ACD Service Assistant Trk	J23057CR-()	SD-28042-01	1	3	

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLATES PER UNIT
J23057CS	AT&TCo Std	Unit for one ACD Outgoing Trk for Use to an Info Center, ACD, or Swbd E and M Lead Supv	J23057CS-()	SD-28043-01	1	2
J23057CT	AT&TCo Std	Unit for one ACD Outgoing Trk for Use to a Cord Swbd in Same Bldg — High-low Supv	J23057CT-()	SD-28043-01	1	2
J23057CU	AT&TCo Std	Unit for one ACD Outgoing Trk for Use to a Local Central Office Line — Loop Supv	J23057CU-()	SD-28043-01	1	2
J23057CV	AT&TCo Std	Unit for one Position Trk for ACD Arranged for Call Transfer	J23057CV-()	SD-28041-01	1	4
J23057CW	AT&TCo Std	Unit for one ACD Service Assis- tant Trk Circuit Arranged to Make Announcement Recordings	J23057CW-()	SD-28042-01	1	4
J23057CX	AT&TCo Std	Unit for three Negative Impedance Converters for Use with ACD	J23057CX-()	SD-99594-01	3	1

Circuit Schematic Index

CIRCUIT DRAWING	J23057 EQPT CODE	CIRCUIT DRAWING	J23057 EQPT CODE
SD-25509-01	BA, BB	SD-26095-01	BF
SD-25519-01	BC	SD-26096-01	BG
SD-25689-01	AR	SD-26097-01	AZ
SD-25763-01	G	SD-26098-01	BD
SD-25850-01	S	SD-26099-01	BE
SD-25851-01	N	SD-26108-01	BH
SD-25852-01	AB	SD-26117-01	BL
SD-25858-01	U	SD-26121-01	BY, BZ, CA, CB, CC, CG, CH
SD-25889-01	T	SD-26137-01	BN
SD-25902-01	W	SD-26144-01	BM
SD-25923-01	AJ	SD-26148-01	BP
SD-25923-02	AJ	SD-27503-01	BS
SD-25923-03	AJ	SD-27642-01	BT
SD-25923-04	AJ	SD-27733-01	BU
SD-25936-01	AN	SD-27829-01	CD, CF
SD-25953-01	AP	SD-27996-01	CK, CL, CM, CQ
SD-26090-01	AS	SD-28045-01	CN, CP
SD-26091-01	AT	SD-28042-01	CR, CW
SD-26092-01	AV, AW	SD-28043-01	CS, CT, CU, CX
SD-26093-01	AX, AY	SD-28041-01	CV

2. SUPPLEMENTARY INFORMATION

819-000-000—No. 5 Crossbar System Index
 800-600-100—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.

Keysheet

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

4. EQUIPMENT***J23057G—AT&TCo Std—Unit for Two Stuck Coin Trunks***

Equipment—J23057G-()

List 1—Assembly, equipment, and wiring for two trunks per SD-25763-01, two Fig. 1.

J23057N—AT&TCo Std—Unit for Two Auxiliary Outgoing Trunks for Use With No. 3C or 3CL Switchboard—Ringdown Intertoll Trunk

Equipment—J23057N-()

List 1—Assembly, equipment, and wiring for two trunks per SD-25851-01, two Fig. 1, less options.

List 5—Equipment and wiring required in addition to list 1 for building-out capacitor, per SD-25851-01, Fig. 1, X option only, and Fig. 2.

List 6—Equipment and wiring required in addition to list 1 when building-out capacitor is not provided per SD-25851-01, Fig. 1, W option only.

List 7—A&M Only—Equipment and wiring required

in addition to lists 1 and 5 for pad control per SD-25851-01, Fig. A.

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 provided per SD-25851-01, Fig. B.

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

J23057S—AT&TCo Std—Unit for Two Outgoing Trunks to No. 3C or 3CL Switchboard Test and Control Board No. 8, or No. 17B or 18B Toll Testboard

Equipment—J23057S-()

List 5—Assembly, equipment, and wiring for two trunks per SD-25850-01, two Fig. 3, less options.

List 7—Equipment required in addition to list 5, for telephone service when building-out capacitor is not provided per SD-25850-01, Fig. 3, A option only.

List 8—A&M Only—Equipment and wiring required in addition to lists 5 and 6 for pad control per SD-25850-01, Fig. A.

List 9—Equipment and wiring required in addition to list 5 when pad control is not provided per SD-25850-01, Fig. B.

List 10—Equipment and wiring required in addition to list 5 when trunk is arranged for Wide Area Data Service and for connection to WADS toll testboard 17B or 20A per SD-25850-01, two Fig. 2 and ZB option.

List 11—Equipment and wiring required in addition to list 5 for building-out capacitor and balancing inductor for telephone service per SD-25850-01, B option and Fig. 2 and 4.

Notes

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

1. Wiring required in addition to list 5 when trunk connects to toll testboard or test

and control board per SD-25850-01, Fig. 3, V option.

2. Wiring required in addition to list 5 when balancing inductor is not required per SD-25850-01, ZF option.
- B. Job records need not be maintained for E and F options.
- C. If audible ringing signal is required for trunks manufactured prior to Issue 13D of SD-25850-01, J option must be furnished for trunks in accordance with list 1, and M option must be furnished for trunks in accordance with list 5.

J23057T—AT&T Co Std—Unit for Two Free Trunks—Outgoing to Central DSA Switchboard From Trunk Link Frame—Reverse Battery Supervision—With or Without Tandem Completion—With or Without Coin Return After Disconnection

Equipment—J23057T-()

List 1—Assembly, equipment, and wiring for two trunks per SD-25889-01, two Fig. 1, less options.

List 2—Equipment and wiring required in addition to list 1 for tandem completing per SD-25889-01, Fig. 2.

List 5—Equipment and wiring required in addition to list 1 for coin return after disconnection per SD-25889-01, Fig. 1, V option only, and Fig. 5.

Note

- A. In addition, there are options involving wiring only, as follows:
 1. Wiring required in addition to list 1 when tandem completing is not required per SD-25889-01, Fig. 1, Z option only.
 2. Wiring required in addition to list 1 when coin return after disconnection is not required per SD-25889-01, Fig. 1, T and W options only.

J23057U—AT&T Co Std—Unit for One Outgoing Trunk for Intertoll Completion to No. 1 Toll Switchboard or No. 5 Toll Testboard in the Same Building

Equipment—J23057U-()

List 1—Assembly, equipment, and wiring for one trunk per SD-25858-01, Fig. 3, B and Z option.

List 2—Equipment and wiring required in addition to list 1 for building-out capacitor per SD-25858-01, Fig. 2.

Notes

- A. Reserved.
- B. Job records need not be maintained for R and S options.
- C. If audible ringing signal is required for trunks manufactured prior to Issue 8D of SD-25858-01, W option must be furnished for trunks in accordance with J23057U-50, List 1, and Fig. D for trunks in accordance with J23057U-51, List 1.

J23057W—AT&T Co Std—Unit for Two Outgoing Trunks for Information Service—Incoming CX, or SX Supervision—Outgoing High-Low Supervision

Equipment—J23057W-()

List 1—Assembly, equipment, and wiring for two trunks per SD-25902-01, two Fig. 1, less options.

List 2—A&M Only—Equipment and wiring required in addition to list 1 for pad control per SD-25902-01, Fig. A, less options.

List 3—Equipment and wiring required in addition to list 1 for trunks having 1000-cycle impedance of 1200 ohms or less per SD-25902-01, Fig. 1, Z option only.

List 4—Equipment and wiring required in addition to list 1 for trunks having 1000-cycle impedance greater than 1200 ohms, per SD-25902-01, Fig. 1, Y option only.

List 5—Equipment and wiring required in addition to list 1 for building-out capacitor per SD-25902-01, Fig. 2.

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-25902-01, Fig. B.
- B. Job records need not be maintained for N, T, and V options.

J23057AB—AT&TCo Std—Unit for One Auxiliary Outgoing Trunk for Use With No. 1 Toll Switchboard Ringdown Intertoll Trunk—Incoming CX or SX Supervision—Outgoing Ringdown Supervision

Equipment—J23057AB-()

- List 1**—Assembly, equipment, and wiring for one trunk per SD-25852-01, Fig. 1, less options.
- List 3**—Equipment and wiring required in addition to list 1 for building-out capacitor per SD-25852-01, Fig. 3.
- List 4**—Equipment and wiring required in addition to list 1 for pad control per SD-25852-01, Fig. A, less options.

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-25852-01, Fig. B.
 2. Wiring required in addition to list 4 for pad control with pad in, per SD-25852-01, Fig. A, Y option only.
 3. Wiring required in addition to list 4 for pad control with pad out, per SD-25852-01, Fig. A, Z option only.
- B. Job records need not be maintained for U, V, W, and X options.

J23057AJ—AT&TCo Std—Unit for One Recording Completing or Special Service Trunk—High-Low Supervision—Arranged for Coin Control Over Separate Single Trunk Conductor—With or Without Class-of Service Tone—With or Without Automatic Return of Initial Coin—Or for One Vacant Code Intercepting Trunk With Automatic Return of Initial Coin

Equipment—J23057AJ-()

- List 1**—Assembly, equipment, and wiring for one recording completing or special service trunk per SD-25923-01, Fig. 1, less all options.
- List 2**—Equipment and wiring required in addition to list 1 for class-of-service tone per SD-25923-02, Fig. 1.
- List 3**—Equipment and wiring required in addition to list 1 for automatic return of initial coin per SD-25923-03, Fig. 1.
- List 6**—Equipment and wiring required in addition to list 1, where coin disposal is controlled over a separate single conductor per SD-25923-01, SD-25923-02, SD-25923-03, or SD-25923-04, Fig. 1, X option only, and Fig. 4.
- List 7**—Equipment and wiring required in addition to list 1 where 1000-cycle trunk impedance is 1100 ohms or less per SD-25923-01, SD-25923-02, SD-25923-03, or SD-25923-04, Z options only.
- List 8**—Equipment and wiring required in addition to list 1 where 1000-cycle trunk impedance is greater than 1100 ohms per SD-25923-01, SD-25923-02, SD-25923-03, or SD-25923-04, Y option only.
- List 9**—Equipment and wiring required in addition to list 1 when trunk is used as a vacant code intercepting trunk in offices where pretranslator is used per SD-25923-03, N option only.

Notes

- A. In addition, there are options involving wiring only, as follows:
1. Wiring required in addition to list 6 where positive potential is used over trunk conductor for coin collect per SD-25923-01, SD-25923-02,

SD-25923-03, and SD-25923-04, R option only.

2. Wiring required in addition to list 6 where negative potential is used over trunk conductor for coin collect per SD-25923-01, SD-25923-02, SD-25923-03, and SD-25923-04, S option only.
3. Wiring required in addition to lists 1 and 3 when trunk is used as a recording completing or special service trunk, or when used as a vacant code intercepting trunk in an office where pretranslator is not used per SD-25923-03, Q option only.
4. Wiring required in addition to list 1 when coin service improvements (dial-tone-first) is required per SD-25923-01, SD-25923-02, SD-25923-03, and SD-25923-04, A option.
5. Wiring required in addition to list 1 when coin service improvements (dial-tone-first) is not required (coin first) per SD-25923-01, SD-25923-02, SD-25923-03, and SD-25923-04, B option.

- B. Job records need not be maintained for M option.

J23057AN—AT&TCo Std—Unit for Two Auxiliary Trunks to Precede a Trunk Circuit Not Arranged for Coin Return—To Provide Coin Return From Coin Supervisory Circuit When Customer Disconnects—For Use With 191-Type or Equivalent Coin Collector

Equipment—J23057AN-()

- List 1**—Assembly, equipment, and wiring for two trunks per SD-25936-01, two Fig. 1.

Notes

- A. Reserved.

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

J23057AP—AT&TCo Std—Unit for Two Auxiliary Trunks To Precede Coin Special Service or Recording Completion Trunk Circuit—To Apply Coin Return Potential When the Operator Answers or When the Customer Disconnects Before the Attendant Answers—For Use With 191-Type or Equivalent Coin Collector

Equipment—J23057AP-()

- List 1**—Assembly, equipment, and wiring for two auxiliary trunks per SD-25953-01, two Fig. 1.

Note

- A. Job records need not be maintained for X option.

J23057AR—AT&TCo Std—Unit for One Outgoing Announcement Trunk—Flat Rate, Coin, and Message Register Operation—With or Without Tandem Completion

Equipment—J23057AR-()

- List 1**—Assembly, equipment, and wiring for one outgoing announcement trunk per SD-25689-01, Fig. 1.

- List 2**—Equipment and wiring required in addition to list 1 for tandem completing per SD-25689-01, Fig. B.

- List 3**—Equipment and wiring required in addition to list 1 for individual message register operation per SD-25689-01, Fig. G.

- List 4**—Equipment and wiring required in addition to lists 1 and 3 for individual and 2-party message register operation per SD-25689-01, Fig. F.

Notes

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

1. Wiring required in addition to list 1 for trunks without tandem completing per SD-25689-01, Fig. A.

2. Wiring required in addition to list 1 for trunks without message register operation per SD-25689-01, Fig. C.
3. Wiring required in addition to lists 1 and 3 when list 4 is not specified for individual message register operation only per SD-25689-01, Fig. E.

B. Job records need not be maintained for T and V options.

J23057AS—AT&TCo Std—Unit for Two Recording Completing, Special Service, or Vacant Code Intercepting Trunks to Distant Toll Switchboard—High-Low Supervision—Noncoin

Equipment—J23057AS-()

List 1—Assembly, equipment, and wiring for two trunks in accordance with SD-26090-01, two Fig. 1.

List 2—Equipment and wiring required in addition to list 1 for class-of-service tone in accordance with SD-26090-01, Fig. 2.

List 3—Equipment and wiring required in addition to list 1 when toll diversion is part of trunk (A&M Only) or when transfer of call from an intercept trunk (No. 7A announcement) is required per SD-26090-01, T and U options.

Notes

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

1. Wiring per SD-26090-01, S option required in addition to list 1 when list 3 is not provided.

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

J23057AT—AT&TCo Std—Unit for One Recording Completing, Special Service, or Vacant Code Intercepting Trunk to Distant Toll Switchboard—Coin—High-Low Supervision

Equipment—J23057AT-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-26091-01, Fig. 1, less all options.

List 2—Equipment and wiring required in addition to list 1 for class-of-service tone in accordance with SD-26091-01, Fig. 2.

Notes

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

1. Wiring required in addition to list 1 when class-of-service tone is not provided in accordance with SD-26091-01, Q option only.
2. Wiring required in addition to list 1 when coin service improvements (dial-tone-first) to the attendant is required per SD-26091-01, G option.
3. Wiring required in addition to list 1 when coin service improvements (dial-tone-first) to the attendant is not required (coin-first) per SD-26091-01, H option.

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

J23057AV—AT&TCo Std—Unit for Two Recording Completing or Vacant Code Intercepting Trunks to No. 3C or 3CL Switchboard in the Same Building—Noncoin

Equipment—J23057AV-()

List 1—Assembly, equipment, and wiring for two trunks in accordance with SD-26092-01, two Fig. 1 and 2, less all options.

List 2—Equipment and wiring required in addition to list 1 for class-of-service tone in accordance with SD-26092-01, Fig. 4.

List 3—Equipment and wiring required in addition to list 1 for 2-dB pad in accordance with SD-26092-01, Fig. 1, V option.

List 4—Equipment and wiring required in addition to list 1 when toll diversion is part of trunk (A&M Only) or when transfer of call from an intercept trunk (No. 7A announcement) is required per SD-26092-01, S 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-26092-01, Y option.
2. Wiring per SD-26092-01, R option required in addition to list 1 when list 4 is not provided.

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

J23057AW—AT&T Co Std—Unit for Two Recording Completing or Vacant Code Intercepting Trunks to No. 1 Toll Switchboard in Same Building—Noncoin

Equipment—J23057AW-()

List 1—Assembly, equipment, and wiring for two trunks in accordance with SD-26092-01, two Fig. 1 and 3, less all options.

List 2—Equipment and wiring required in addition to list 1 for class-of-service tone in accordance with SD-26092-01, Fig. 4.

List 3—Equipment and wiring required in addition to list 1 for 2-dB pad in accordance with SD-26092-01, Fig. 1, V option.

List 4—Equipment and wiring required in addition to list 1 when toll diversion is part of trunk (A&M Only) or when transfer of call from an intercept trunk (No. 7A announcement) is required per SD-26092-01, S option.

Notes

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

1. Wiring required in addition to list 1 when 2-dB pad is not required in accordance with SD-26092-01, Y option.
2. Wiring per SD-26092-01, R option required in addition to list 1 when list 4 is not provided.

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

J23057AX—AT&T Co Std—Unit for One Recording Completing or Vacant Code Intercepting Trunk to No. 3C or 3CL Switchboard in Same Building—Coin

Equipment—J23057AX-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-26093-01, Fig. 1 and 2, less all options.

List 2—Equipment and wiring required in addition to list 1 for class-of-service tone in accordance with SD-26093-01, Fig. 4.

List 3—Equipment and wiring required in addition to list 1 for 2-dB pad in accordance with SD-26093-01, Fig. 1, X option.

Notes

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

1. Wiring required in addition to list 1 when class-of-service tone is not provided in accordance with SD-26093-01, R option.
2. Wiring required in addition to list 1 when 2-dB pad is not required in accordance with SD-26093-01, Y option.
3. Wiring required in addition to list 1 when coin service improvements (dial-tone-first) to the attendant is required per SD-26093-01, F option.
4. Wiring required in addition to list 1 when coin service improvements (dial-tone-first) is not required (coin first) per SD-26093-01, G option.

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

J23057AY—AT&T Co Std—Unit for One Recording Completing or Vacant Code Intercepting Trunk to No. 1 Toll Switchboard in the Same Building—Coin

Equipment—J23057AY-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-26093-01, Fig. 1 and 3, less all options.

List 2—Equipment and wiring required in addition

to list 1 for class-of-service tone in accordance with SD-26093-01, Fig. 4.

List 3—Equipment and wiring required in addition to list 1 for 2-dB pad in accordance with SD-26093-01, Fig. 1, X option.

Notes

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

1. Wiring required in addition to list 1 when class-of-service tone is not provided in accordance with SD-26093-01, R option only.
2. Wiring required in addition to list 1 when 2-dB pad is not required in accordance with SD-26093-01, Y option only.
3. Wiring required in addition to list 1 when coin control at switchboard is of the position type, in accordance with SD-26093-01, S option only.
4. Wiring required in addition to list 1 when coin service improvements (dial-tone-first) to the attendant is required per SD-26093-01, F option.
5. Wiring required in addition to list 1 when coin service improvements (dial-tone-first) to the attendant is not required (coin first) per SD-26093-01, G option.

B. Job records need not be maintained for H, N, Q, T, V, W, and Z options.

J23057AZ—AT&TCo Std—Unit for Six Vacant Code Delay Circuits

Equipment—J23057AZ-()

List 1—Assembly, common equipment, and wiring for one unit arranged, but not equipped, for six vacant code delay circuits.

List 2—Equipment and wiring required in addition to list 1, for each vacant code delay circuit, in accordance with SD-26097-01, Fig. 1.

Notes

A. Reserved.

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

J23057BA—AT&TCo Prov—Unit for Six Trunk Auxiliary Sleeve Circuits to Permit Trunks Having Access to No. 3C or 3CL Switchboard to Appear Also at No. 3 Switchboard—Trunk Busy Test Not Made by Attendant

Equipment—J23057BA-()

List 1—Assembly, common equipment, and wiring for one unit arranged, but not equipped, for six circuits.

List 2—Equipment and wiring required in addition to list 1 for each auxiliary sleeve circuit in accordance with SD-25509-01, Fig. 1 and Z option.

J23057BB—AT&TCo Prov—Unit for Four Trunk Auxiliary Sleeve Circuits to Permit Trunks Having Access to No. 3C or 3CL Switchboard to Appear Also at No. 3 Switchboard—Trunk Busy Test Made by Attendant

Equipment—J23057BB-()

List 1—Assembly, common equipment, and wiring for one unit arranged, but not equipped, for four circuits.

List 2—Equipment and wiring required in addition to list 1 for each auxiliary sleeve circuit in accordance with SD-25509-01, Fig. 1 and 2.

J23057BC—AT&TCo Std—Unit for Two Outgoing Trunks for Intertoll Completion to Distant Toll Switchboard for TX and Similar Services or to Distant Toll Testboard—Incoming CX or SX Supervision—Outgoing Reverse Battery Supervision

Equipment—J23057BC-()

List 1—Assembly, equipment, and wiring for two trunks in accordance with SD-25519-01, two Fig. 1, less all options.

List 2—Equipment and wiring required in addition to list 1 for building-out capacitor in accordance with SD-25519-01, Fig. 2.

List 3—Equipment and wiring required in addition

to list 1 where 1000-cycle trunk impedance is less than 735 ohms in accordance with SD-25519-01, Z option only.

List 4—Equipment and wiring required in addition to list 1 when 1000-cycle trunk impedance is between 735 and 1200 ohms in accordance with SD-25519-01, X option only.

List 5—Equipment and wiring required in addition to list 1 where 1000-cycle trunk impedance is greater than 1200 ohms in accordance with SD-25519-01, V option only.

Notes

A. Reserved.

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

J23057BD—AT&TCo Std—Unit for One Recording Completing, Special Service, or Vacant Code Intercepting Trunk—With or Without Class-of-Service Tone—E and M Lead Supervision

Equipment—J23057BD-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-26098-01, Fig. 1.

List 2—Equipment and wiring required in addition to list 1 for class-of-service tone in accordance with SD-26098-01, Fig. 2.

List 3—Equipment and wiring required in addition to list 1 when trunk connects to 2-wire termination of carrier system in accordance with SD-26098-01, Fig. 3.

List 4—Equipment and wiring required in addition to list 1 when toll diversion is part of trunk (A&M Only) or when transfer of call from an intercept trunk (No. 7A announcement) is required per SD-26098-01, R option.

Notes

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

1. Wiring required in addition to list 1 when trunk is connected to composite set and repeating coil circuit or to 4-wire terminating circuit with repeating coil hybrid in accordance with SD-26098-01, Y option.

2. Wiring per SD-26098-01, Q option required in addition to list 1 when list 4 is not provided.

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

J23057BE—AT&TCo Std—Unit for One Recording Completing, Special Service, or Vacant Code Intercepting Trunk—Coin or Coin With Noncoin—E and M Supervision

Equipment—J23057BE-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-26099-01, Fig. 1.

List 3—Equipment and wiring required in addition to list 1 when toll diversion is part of trunk (A&M Only) or when transfer of call from an intercept trunk (No. 7A announcement) is required per SD-26099-01, H option.

List 4—Equipment and wiring required in addition to list 1 when coin service improvements (dial-tone-first) to attendant is specified per SD-26099-01, E option.

List 5—Equipment and wiring required in addition to list 1 when coin service improvements (dial-tone-first) to the attendant is not required (coin first) per SD-26099-01, F option.

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-26099-01, Z option.
2. Wiring per SD-26099-01, G option required in addition to list 1 when list 3 is not provided.

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

J23057BF—AT&T Co Std—Unit for One Outgoing Trunk From Trunk Link and Line Link Frames to No. 2 Repair Service Desk or Local Test Desk No. 14 or 16—High-Low Supervision

Equipment—J23057BF-()

List 3—Equipment and wiring required in addition to list 1 or 5 for transfer and make-busy control circuit in accordance with SD-26095-01, Fig. 3. (See Note C.)

List 4—Equipment and wiring required in addition to list 1 or 5 when trunk is to be transferred in accordance with SD-26095-01, Fig. 4.

List 5—Assembly, equipment, and wiring for one trunk to repair service desk from trunk link frame in accordance with SD-26095-01, Fig. 1.

List 6—Equipment and wiring required in addition to list 1 or 5 when a line link frame appearance is required in accordance with SD-26095-01, Fig. 2.

List 7—Equipment and wiring required in addition to list 6 when this trunk is not associated with a trunk circuit arranged for park-on and a line link appearance is required in accordance with SD-26095-01, B, E, and Q options.

Notes

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

1. Wiring required in addition to list 1 or 5 when coin return is specified in accordance with SD-26095-01, V option.
2. Wiring per SD-26095-01, T option required in addition to list 1 or 5 when separate cables are run from this trunk to the switchboard and repair service desk.
3. Wiring required in addition to list 3 when this trunk is associated with a trunk arranged for park-on operation and the park-on trunk is equipped with a preemption circuit in accordance with SD-26095-01, J option.
4. Wiring required in addition to list 5 and 6 when this trunk is associated with trunk circuits arranged for park-on operation and the park-on trunk not equipped with a

preemption circuit requires a line link frame appearance in accordance with SD-26095-01, B and N option.

5. Wiring required in addition to list 3 when the trunk arranged for transfer and make-busy control is not associated with a trunk circuit arranged for park-on in accordance with SD-26095-01, K option.

6. Wiring required in addition to list 5 and 6 when this trunk is associated with trunk circuits arranged for park-on operation and equipped with line link appearances when trunk link and line link appearances operate with individual park-on circuits in accordance with SD-26095-01, G option.

B. Job records need not be maintained for F, G, H, M, S, W, X, Y, and Z options.

C. One list 1 or 5 and 3 with K option trunk unit is required for a group of 24 trunks or less.

D. One list 1 or 5 and 3 with J option is required per office.

J23057BG—AT&T Co Std—Unit for Two Outgoing Trunks From Trunk Link Frame for Information, Repair, Official PBX, or Intercepting Service—E and M Supervision

Equipment—J23057BG-()

List 1—Assembly, equipment, and wiring for two trunks in accordance with SD-26096-01, 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-26096-01, 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-26096-01, Z option.

2. Wiring required in addition to list 1 when coin return is specified in accordance with SD-26096-01, T option.
 3. Wiring required in addition to list 1 when this circuit is arranged to send a transfer signal to a trunk circuit arranged for park-on operation in accordance with SD-26096-01, S option. (See Note C.)
- B. Job records need not be maintained for X and Y options.
- C. Option S may be required on a once per office basis when the office is arranged to route repair service calls over regular message type trunks. Therefore, only the first circuit on one OGT unit, J23057BG, shall be equipped with S option.

J23057BH—AT&TCo Std—Unit for One Outgoing Intercepting Trunk From Trunk Link Frame to Attendant or No. 6A Announcement System—Reverse High-Low Supervision

Equipment—J23057BH-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-26108-01, Fig. 1.

List 2—Equipment and wiring required in addition to list 1 for 2-dB pad in accordance with SD-26108-01, S option.

Notes

- A. In addition, there are options involving wiring only, as follows:
1. Wiring required in addition to list 1 when coin return is specified in accordance with SD-26108-01, Q option.
 2. Wiring required in addition to list 1 when 2-dB pad is not provided in accordance with SD-26108-01, R option.
- B. Job records need not be maintained for N, T, V, W, or X options.

J23057BL—AT&TCo Std—Unit for Two Outgoing Trunks to Distant Switchboard for Use With Coin Zone Trunk and Junctor Circuits

Equipment—J23057BL-()

List 1—Assembly, equipment, and wiring required for two trunks where length of cable between MDFs is less than 3000 feet or where loaded cable only is used and loss between MDFs is 6- to 13-dB in accordance with SD-26117-01, two Fig. 1. (See Notes C and D.)

List 2—Assembly, equipment, and wiring required for two trunks where length of cable between MDFs is greater than 3000 feet and where loss between MDFs is 6-dB or less in accordance with SD-26117-01, two Fig. 2.

List 3—Equipment and wiring required in addition to list 1 or 2 for two trunks when line concentrator is used in accordance with SD-26117-01, two Fig. 3.

Notes

- A. Reserved.
- B. Job records need not be maintained for X, Y, or Z options.
- C. No provision is made for nonload cable with a loss greater than 6-dB.
- D. When loaded cable only is used and loss between MDFs exceeds 6-dB, provide E3 repeater and connect in accordance with SD-26117-01, FS1 and strap in accordance with Note 302.
1. Where the loss is greater than 13-dB, also provide an E23 repeater at the switchboard office or at an intermediate office, in addition to the E3 repeater.

J23057BM—AT&TCo Std—Unit for One Outgoing Information Trunk From Trunk Link Frame—With or Without Tandem Completion—With or Without Coin Return After Disconnect

Equipment—J23057BM-()

List 1—Assembly, equipment, and wiring for one outgoing information trunk unit less all options, in accordance with SD-26144-01, Fig. 1.

List 2—Equipment and wiring required in addition to list 1 for coin return after disconnect in accordance with SD-26144-01, Fig. 2.

List 3—Equipment and wiring required in addition to list 1 for tandem completion in accordance with SD-26144-01, Fig. 3.

J23057BN—AT&TCo Std—Unit for One Test Trunk From Trunk Link Frame to Local Test Desk No. 12B, 14, or 16

Equipment—J23057BN-()

List 1—Assembly, equipment, and wiring for one test trunk in accordance with SD-26137-01, Fig. 1.

List 2—Equipment and wiring required in addition to list 1 for coin return after disconnect in accordance with SD-26137-01, Fig. 2.

Notes

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

1. Wiring required in addition to list 1 when range extension for Unigauge cabling is not provided per SD-26137-01, V option.

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

J23057BP—AT&TCo Std—Unit for One Outgoing Announcement Trunk—Flat Rate, Coin, and AMA—With or Without Tandem Completion

Equipment—J23057BP-()

List 1—Assembly, equipment, and wiring for one trunk in accordance with SD-26148-01, Fig. 1.

Notes

A. Reserved.

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

J23057BR—Reserved.

J23057BS—AT&TCo Std—Unit for One Recording-Completing or Vacant Code Intercepting Trunk to No. 5D Switchboard in Same Building—For Use With 4-Wire Trunk Link Frames

Equipment—J23057BS-()

List 1—Assembly, wiring, and equipment for one recording-completing or vacant code intercepting trunk in accordance with SD-27503-01, Fig. 1.

J23057BT—AT&TCo Std—Unit for Two Outgoing Station Trunks—E and M Lead Supervision—For Use With 4-Wire Trunk Link Frames

Equipment—J23057BT-()

List 1—Assembly, equipment, and wiring required for two trunks in accordance with SD-27642-01, two Fig. 1.

Notes

A. Reserved.

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

J23057BU—AT&TCo Std—Unit for One 4-Wire Attendant or Vacant Code Intercept Trunk to No. 5D Switchboard in Same Building

Equipment—J23057BU-()

List 1—Assembly, equipment, and wiring for one 4-wire attendant trunk to No. 5D switchboard in same building in accordance with SD-27733-01, Fig. 1.

J23057BV—AT&TCo Std—Unit for Two Auxiliary Test Trunks for Use With Test Trunks Arranged for Range Extension for Unigauge Cabling

Equipment—J23057BV-()

List 1—Assembly, equipment, and wiring for two auxiliary test trunks for use with test

trunks per J23057BN arranged for range extension for Unigauge cabling per SD-26137-01, two Fig. 3.

J23057BY—A&M Only—Unit for Four Auxiliary Intercept Trunks per J23057BJ Arranged for Cut-Through Coordinated With Start of Announcement Cycle

Equipment—J23057BY-()

List 1—Assembly, wiring, and equipment for four auxiliary intercept trunks per J23057BJ arranged for cut-through coordinated with start of announcement cycle in accordance with SD-26121-01, four Fig. 3.

Notes

A. Reserved

J23057BZ—A&M Only—Unit for Four Auxiliary Intercept Trunks for Use With Intercept Trunks per J23057BK Arranged for Cut-Through Coordinated With Start of Announcement Cycle

Equipment—J23057BZ-()

List 1—Assembly, wiring, and equipment for four auxiliary intercept trunks for use with intercept trunks per J23057BK arranged for cut-through coordinated with start of announcement cycle in accordance with SD-26121-01, four Fig. 4.

Notes

A. Reserved

J23057CA—AT&TCo Std—Unit for Three Intercept Trunk Cut-Through Relays

Equipment—J23057CA-()

List 1—Assembly, wiring, and equipment for three intercept trunk cut-through relays for use with intercept trunks per J23057CB and/or J23057CC in accordance with SD-26121-01, Fig. 5.

Notes

A. Reserved.

B. This unit may also be used to control (A&M Only) announcement machines associated with intercept trunks per J23057BJ and/or J23057BZ modified with auxiliary intercept trunks that arrange them for cut-through coordinated with start of announcement cycle.

C. One CT relay is required for maximum 150 intercept trunks associated with a single announcement machine. A separate CT relay must be used with each announcement machine.

J23057CB—AT&TCo Std—Unit for One Intercept Trunk from Line Link Frame

Equipment—J23057CB-()

List 1—Assembly, wiring, and equipment for one intercept trunk from line link frame per SD-26121-01, Fig. 1.

List 2—Wiring and equipment required in addition to list 1 for cut-through coordinated with start of announcement cycle per SD-26121-01, Fig. 3.

Note

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

1. Wiring required in addition to list 1 when cut-through coordinated with start of announcement cycle is not required per SD-26121-01, V and M options.
2. Wiring required in addition to list 1 when transfer of customer to operator is provided in accordance with SD-26121-01, K option.
3. Wiring required in addition to list 2 when transfer of customer to operator is not provided in accordance with SD-26121-01, M option.

J23057CC—AT&TCo Std—Unit for One Intercept Trunk from Trunk Link Frame

Equipment—J23057CC-()

List 1—Assembly, wiring, and equipment for one intercept trunk from trunk link frame per SD-26121-01, Fig. 2.

List 2—Wiring and equipment required in addition to list 1 for cut-through coordinated with

start of announcement cycle per SD-26121-01, Fig. 4.

Notes

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

1. Wiring required in addition to list 1 when coin return is specified per SD-26121-01, T and J options.
2. Wiring required in addition to list 1 when cut-through coordinated with start of announcement cycle is not required per SD-26121-01, T option.
3. Wiring required in addition to list 2 when transfer of customer to operator is provided in accordance with SD-26121-01, H option.
4. Wiring required in addition to list 2 when transfer of customer to operator is not provided in accordance with SD-26121-01, J option.

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

J23057CD—A & M Only—Unit for One Position Trunk for Automatic Call Distribution—High-Low Reverse Battery Supervision

Equipment—J23057CD-()

List 1—Assembly, equipment and wiring for one position trunk per SD-27829-01, Fig. 1.

List 4—Wiring and equipment required in addition to list 1 when the ASP remote transmission facilities include SF signaling units and the ASP requires class information from the position trunk per SD-27829-01, Fig. 2 and N option. (See Notes C, D, and E.)

List 5—Wiring and equipment required in addition to list 1 when trunk is arranged for intraflow per SD-27829-01, K option.

Notes

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

1. Wiring required in addition to list 1 when the ASP is local and requires class information

from the marker per SD-27829-01, N option. (See Notes D and F.)

2. A&M Only—Wiring required in addition to list 1 when connection to Gate Control Circuit, SD-27852-01, is provided per SD-27829-01, Q option.

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

C. An ACD position trunk auxiliary per J23057CF is required in addition to list 4. When trunk is arranged for multiclass information with SF units. J23057CF consists of:

1. One tray, ED-94888-01, Group 5, per ten trunks, and
2. One printed wiring board per trunk.

D. List 4 and wiring per Note A.1 are mutually exclusive.

E. List 1 and 4 equipment may be converted:

1. To function with a remote ASP requiring class information tones from the marker (no SF units) by replacing option W with option Y, and
2. To function with a local or remote ASP dedicated to one class by removing option W.

F. List 1 and 5 equipment may be converted:

1. To function with a remote ASP requiring class information tones from the marker (no SF units) by replacing option X with option Y, and
2. To function with a local or a remote ASP dedicated to one class by removing option X.

J23057CF—A&M Only—ACD Position Trunk Assembly

Equipment—J23057CF-()

List 1—Assembly, wiring, and common equipment for one ACD position trunk auxiliary arranged for ten ACD position trunks.

	WIRE	EQUIP	NOTES
Pos Trk Ckt, ACD SD-27829-01, CAD 7	10	0	B

List 2—Printed wiring board per trunk required in addition to list 1 per SD-27829-01, App Fig. 4.

Notes

- A. Reserved.
- B. The ACD position trunk auxiliary shall be mounted as close as possible to the associated ACD position trunks, preferably on the same relay rack frame.

J23057CG—AT&TCo Std—Unit for One Auxiliary Intercept Trunk for Transfer of Customer to Operator for Use with Intercept Trunks Arranged for Cut-Through Coordinated With Start of Announcement Cycle

Equipment—J23057CG-()

List 1—Assembly, equipment, and wiring for one auxiliary intercept trunk required in addition to list 3 or list 4 to provide transfer of customer to operator in accordance with SD-26121-01, Fig. 6. (See Note B.)

Notes

- A. Reserved.
- B. This unit is for use with intercept trunks J23057CB, J23057CC, J23057BJ, and auxiliary intercept trunk J23057BY, or J23057BK, and auxiliary intercept trunk J23057BZ.
- C. Job records need not be maintained for options, G, F, and E.

J23057CH—AT&TCo Std—Unit for Two Dial-Tone-First Announcement and Cutoff Trunks for Use With No. 6A or 7A Announcement System

Equipment—J23057CH-()

List 1—Assembly, equipment, and wiring for two dial-tone-first announcement and cutoff trunks in accordance with SD-26121-01, two Fig. 7.

List 2—Equipment and wiring required in addition to list 1 for connection to a No. 6A Announcement System in accordance with SD-26121-01, A option.

List 3—Equipment and wiring required in addition to list 1 for connection to other than No. 6A Announcement System in accordance with SD-26121-01, B option.

J23057CK—AT&TCo Std—Unit for Two Free Call Trunks From Trunk Link Frame—Ring Down Signaling—With or Without Tandem Completion—With or Without Coin Return After Disconnect

Equipment—J23057CK-()

List 1—Assembly, wiring, and equipment required for two free call trunks in accordance with SD-27996-01, two Fig. 1 with options Z and T.

List 2—Wiring and equipment required in addition to list 1 when trnk is arranged for coin return after disconnect in accordance with SD-27996-01, two Fig. 2.

List 3—Wiring and equipment required in addition to list 1 when trunk is arranged for tandem completion in accordance with SD-27996-01, two Fig. 3.

J23057CL—AT&TCo Std—Unit for One 911 Emergency Service Trunk Circuit—Ring Down Signaling—With or Without Tandem Completion—With or Without Coin Return After Disconnect

Equipment—J23057CL-()

List 1—Assembly, wiring, and equipment required for one 911 emergency service trunk in accordance with SD-27996-01, Fig. 1 and 5.

List 2—Wiring and equipment required in addition to list 1 when trunk is arranged for coin return after disconnect in accordance with SD-27996-01, Fig. 2.

List 3—Wiring and equipment required in addition to list 1 when trunk is arranged for tandem completion in accordance with SD-27996-01, Fig. 3.

List 4—Wiring and equipment required in addition

to list 1 when emergency ring back to local calling customer is provided in accordance with SD-27996-01, Fig. 10 and SD-94820-01, Fig. 2.

- List 5**—Wiring and equipment required in addition to list 1 when off-hook indication of local calling customer is provided in accordance with SD-27996-01, Fig. 11.

Notes

- A. Reserved.
- B. The first 911 service trunk provided on any relay rack shall be connected to a 911 service trunk permanent signal circuit per SD-27996-01, Fig. 6 on J23057CQ-().

J23057CM—AT&TCo Special—Unit For Two Computer Port Access Trunks Via Trunk Link Frame or Trunk Link Frame and Line Link Frame

Equipment—J23057CM-()

- List 1**—Assembly, equipment, and wiring for two computer port access trunks via trunk link frame in accordance with SD-27996-01, two Fig. 1 and options Y and T.
- List 2**—Wiring and equipment required in addition to list 1 when computer port access is via trunk link and line link frame in accordance with SD-27996-01, Fig. 4.

J23057CN—AT&TCo Std—Outgoing Trunk For Automatic Call Distributor Close Down Service—High-Low Supervision

Equipment—J23057CN-()

- List 1**—Assembly, equipment, and wiring for one trunk circuit arranged for high-low supervision per SD-28045-01, Fig. 1 and 3.
- List 2**—Equipment and wiring required in addition to list 1 when used with No. 23 information desk and associated line circuits are arranged for voice announcement to operator per SD-28045-01, Fig. 4, and SD-94820-01, Fig. 2.
- List 3**—Equipment and wiring required in addition to list 1 when used with both transfer and nontransfer line circuits with or without voice announcement to operator per SD-28045-01, Fig. 5.

Notes

- A. Reserved.
- B. Office records need not be maintained for options Z, W, and V.

J23057CP—AT&TCo Std—Outgoing Trunk For Automatic Call Distributor Close Down Service—E and M Lead Supervision

Equipment—J23057CP-()

- List 1**—Assembly, equipment, and wiring for one trunk circuit arranged for E and M lead supervision per SD-28045-01, Fig. 1 and 2.
- List 2**—Equipment and wiring required in addition to list 1 when used with No. 23 information desk and associated line circuits are arranged for voice announcement to operator per SD-28045-01, Fig. 4 and SD-94820-01, Fig. 2.
- List 3**—Equipment and wiring required in addition to list 1 when used with both transfer and nontransfer line circuits with or without voice announcement to operator per SD-28045-01, Fig. 5.

Notes

- A. Reserved.
- B. Office records need not be maintained for options Z, W, and V.

J23057CQ—AT&TCo Std—Unit for Six 911 Permanent Signal Units

Equipment—J23057CQ-()

- List 1**—Assembly, wiring, and apparatus for one 911 permanent signal unit arranged for six permanent signal relays and equipped for one per SD-27996-01, Fig. 6. (See Note B.)
- List 2**—Wiring and apparatus for each additional permanent signal relay per SD-27996-01, Fig. 6. (Maximum five lists two per unit.)
- List 3**—Wiring and apparatus required with each twelve permanent signal relays for alarm battery's cut-off per SD-27996-01, Fig. 7. (See Note C.)

Notes

- A. Wiring required per SD-27996-01 S option required when alarm battery cut-off is **not** provided.
- B. One of these units is required for each six relay rack frames in an aisle which contain 911 emergency service trunks. One PS relay is associated with each relay rack frame.
- C. One list 3 when ordered must be provided for each two units associated with the same aisle.

J23057CR—AT&T Co Std—Unit For One Automatic Call Distributor Service Assistant Trunk Circuit

Equipment—J23057CR-()

List 1—Assembly, equipment, and wiring required for one ACD service assistant trunk in accordance with SD-28042-01, Fig. 1. (See Note C.)

Notes

- A. Reserved.
- B. Office records need not be maintained for options Y and Z.
- C. Trunk requires association with a 24V4C repeater. Two 24V4C repeaters shall be provided on J98615BH repeater shelf to serve two trunks and shall be mounted between the trunks.

J23057CS—AT&T Co Std—Unit For One Automatic Call Distributor Outgoing Trunk For Use To An Information Center, ACD, or Switchboard—E and M Lead Supervision

Equipment—J23057CS-()

List 1—Assembly, equipment, and wiring for one outgoing trunk per SD-28043-01, Fig. 1 and 2.

Notes

- A. Reserved.

- B. Office records need not be maintained for option Z.
- C. One negative impedance converter is required per trunk.
- D. Trunk requires association with a 24V4C repeater. Two 24V4C repeaters shall be provided on a J98615BH repeater shelf to serve two trunks and shall be mounted between the trunks.

J23057CT—AT&T Co Std—Unit For One Automatic Call Distributor Outgoing Trunk For Use in a Cord Switchboard in Same Building—High-Low Supervision

Equipment—J23057CT-()

List 1—Assembly, equipment, and wiring for one outgoing trunk per SD-28043-01, Fig. 1 and 3.

Notes

- A. Reserved.
- B. Office records need not be maintained for option Z.
- C. One negative impedance converter is required per trunk.

J23057CU—AT&T Co Std—Unit For One Automatic Call Distributor Outgoing Trunk For Use to a Local Central Office Line-Loop Supervision

Equipment—J23057CU-()

List 1—Assembly, equipment, and wiring for one outgoing trunk per SD-28043-01, Fig. 1 and 4.

Notes

- A. Reserved.
- B. Office records need not be maintained for option Z.

J23057CV—AT&T Co Std—Unit for One Position Trunk For Automatic Call Distributor—Arranged for Call Transfer

Equipment—J23057CV-()

List 1—Assembly, equipment, and wiring for one position trunk per SD-28041-01, Fig. 1. (See Note C.)

List 2—Equipment and wiring required in addition to list 1 when zip tone is provided per SD-28041-01, Fig. 2.

Notes

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

1. When intraflow is provided per option X.
2. When the trunk is connected to 405-type data set per Q option.

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

C. Trunk requires association with a 24V4C repeater. Two 24V4C repeaters shall be provided on a J98615BH repeater shelf to serve two trunks and shall be mounted between the trunks.

J23057CW—AT&T Co Std—Unit For One Automatic Call Distributor Service Assistant Trunk Circuit Arranged to Make Announcement Recordings

Equipment—J23057CW-()

List 1—Assembly, equipment, and wiring required for one ACD service assistant trunk arranged for making announcement recordings in accordance with SD-28042-01, Fig. 1 and 2. (See Note C.)

Notes

A. Reserved.

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

C. Trunk requires association with a 24V4C repeater. Two 24V4C repeaters shall be provided on a J98615BH repeater shelf to serve two trunks and shall be mounted between the trunks.

J23057CX—AT&T Co Std—Unit For Three Negative Impedance Converters For Use With Automatic Call Distributor

Equipment—J23057CX-()

List 1—Assembly, equipment, and wiring for one negative impedance converter in accordance with SD-99594-01, Fig. 1.

List 2—Equipment and wiring required in addition to list 1 in accordance with SD-99594-01, Fig. 1. (See Note B.)

Notes

A. Reserved.

B. Maximum 2 list 2 per unit.

5. GENERAL NOTES

5.01 Nonrecord options involving straps on the switchboard cable side of trunk unit terminal strips shall be wired 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 Code J23057AU is unassigned.

List of A&M Only and Mfr Disc. Equipment

		DETAILS				DETAILS	
		LAST	REPLACING			LAST	REPLACING
EQUIPMENT	RATING	SHOWN	EQUIPMENT	EQUIPMENT	RATING	SHOWN	EQUIPMENT
		IN ISSUE				IN ISSUE	
J23057A	Mfr Disc.	5	J23057AS	J23057AB,L2	Mfr Disc.	3	—
L2				J23057AC	Mfr Disc.	8	J94004F,
& L6	Mfr Disc.	3	—				J94004G,
J23057B	Mfr Disc.	1	J23057M				J94004H, &
J23057C	Mfr Disc.	3	J23057AA				J94004K
			& AL	L2			J23057AC,L4
J23057D	Mfr Disc.	2	J23057AF	& L3	Mfr Disc.	3	& L5
J23057E	Mfr Disc.	6	J23058R	L4	A&M Only	6	—
L2	Mfr Disc.	5	—	J23057AD	Mfr Disc.	5	J23057AW
L3	Mfr Disc.	3	—	L2			
J23057F	Mfr Disc.	5	J23058P	& L3	Mfr Disc.	4	—
J23057H	Mfr Disc.	6	J23058Q	J23057AE	Mfr Disc.	5	J23057AY
L2	Mfr Disc.	5	—	L4			
L3	Mfr Disc.	3	—	& L5	Mfr Disc.	4	—
J23057J	Mfr Disc.	3	J23057AH	J23057AF	Mfr Disc.	8	J23057BP
J23057K	Mfr Disc.	5	J23057AV	L2	Mfr Disc.	3	—
L3				J23057AG	Mfr Disc.	12	J23057CK
& L4	Mfr Disc.	3	—	J23057AH	Mfr Disc.	6	J23058S
J23057L	Mfr Disc.	3	J23057AK	J23057AJ,L4			
J23057M	Mfr Disc.	3	J23057AJ	& L5	Mfr Disc.	4	—
J23057N,L2	Mfr Disc.	6	J23057N,L5	J23057AK	Mfr Disc.	4	J23057AX
& L3			& L7	L8			
L4	Mfr Disc.	6	J23057N,	& L9	Mfr Disc.	4	—
			Note A1	J23057AL	Mfr Disc.	8	J23057BM
L7	A&M Only	7	—	J23057AM	Mfr Disc.	7	J23057BF
J23057P	Mfr Disc.	3	J23057AG	J23057BE,L2	Mfr Disc.	10	—
J23057R	Mfr Disc.	8	J23057BP	J23057BF,L1	Mfr Disc.	9	J23057BF,L5
J23057S,L1	Mfr Disc.	4	J23057S,L5	L2	Mfr Disc.	9	J23057BF,L6
L2,L3,L4		6	J23057S,L6,	J23057BJ	Mfr Disc.	9	J23057CB
			L8,&L9	J23057BK	Mfr Disc.	9	J23057CC
L6	Mfr Disc.	8	J23057,L11	J23057BW	Mfr Disc.	9	—
L8	A&M Only	7	—	J23057BX	Mfr Disc.	9	—
J23057T,L3	Mfr Disc.	6	J23057T,L5	J23057BY	A&M Only	9	—
L4	Mfr Disc.	3	—	J23057BZ	A&M Only	9	—
J23057U,L3				J23057CD	A&M Only	12	J23057CV
& L4	Mfr Disc.	6	—	L2	Mfr Disc.	12	J23057CD,
J23057W,L2	A&M Only	6	—				Note A.1
J23057Y	Mfr Disc.	8	J94004A,	L3	Mfr Disc.	12	J23057CD,L4
			J94004F,	J23057CE	Mfr Disc.	12	J23057CM
			J94004H,	J23057CF	A&M Only	12	J23057CV
			J94004J, &				
			J94004L				
L2	Mfr Disc.	3	J23057Y,L4	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.			
L3	Mfr Disc.	3	J23057T,L5				
L4	A&M Only	6	J23057Y,L6				
J23057AA	Mfr Disc.	3	J23057AM				

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