

PLANT REGISTER CABINET

EQUIPMENT DESIGN REQUIREMENTS

NO. 5 CROSSBAR SYSTEM

1. GENERAL

SCOPE

1.01 This specification, together with the supplementary information listed herein, covers the equipment design requirements for the equipment and circuits to be used in the engineering, manufacture, and installation of the plant register cabinet. The cabinet is equipped with J-coded units containing plant registers that record for the use of the plant force, the occurrence of equipment usages, troubles, test calls, and so forth. Almost all of the plant registers for the office mount in the plant register cabinet.

1.02 This specification is reissued:

- (a) To bring J23261 into agreement with SD-25793-01, Issue 29B.
- (b) To assign a register for AIS sender usage in offices with AIS without using LLP.
- (c) To assign additional REC-PCT, REC-PC, and RTR registers when more than 20 AMA recorders are provided.
- (d) Miscellaneous corrections made to previous issues.

CAPACITY

1.03 One plant register cabinet will accommodate one No. 5 crossbar marker group of six dial tone and eight completing markers. When a marker group has more than eight completing markers, a second cabinet is required. The quantities of connecting equipments for which plant register is provided in the first cabinet can be obtained from Table A. Connecting equipments for the second cabinet are contained in Table B.

DESCRIPTION

1.04 The plant register circuit provides registers and counters to record for the use of the plant force a count of certain equipment usages, seizure failures, troubles, test calls, etc. When it is necessary to record an item on a register or counter the connecting circuit supplies a ground and then removes it. When the connecting circuit provides a short duration ground pulse, a pulse lengthening (PL) relay is available to lengthen the pulse, in effect, so that it can advance a register.

1.05 Fourteen-type message registers have four number discs that advance from 0000 to 9999 and recycle. A magnetic counter with five number discs is used to register up to 10^5 operations during the interval between readings. To register operations which may exceed a total of 10^5 between readings, a pulse divider circuit using a 2-wheel magnetic counter provides a single output pulse to a totalizing counter for each 100 input pulses it receives. The capacity of the associated totalizing counter is increased by a factor of 100 and the right-hand digit of the totalizing counter indicates 100s of operations.

1.06 The registers and counters are not resettable, and they recycle after attaining their maximum indication.

Plant Register Cabinet

1.07 The plant register cabinet shown in Fig. 1 is 7 feet 0 inches high, 7-3/4 inches deep, and 2 feet 0 inches wide. It is supported by the floor and either secured to a wall behind it or braced to the ceiling when located independent of the wall.

1.08 The basic framework is a welded assembly of steel channels, angles, and stiffener bars. Sheet metal door with glass windows and sheet metal side panels fasten to the basic framework with bolts and screws. A sheet metal rear cover

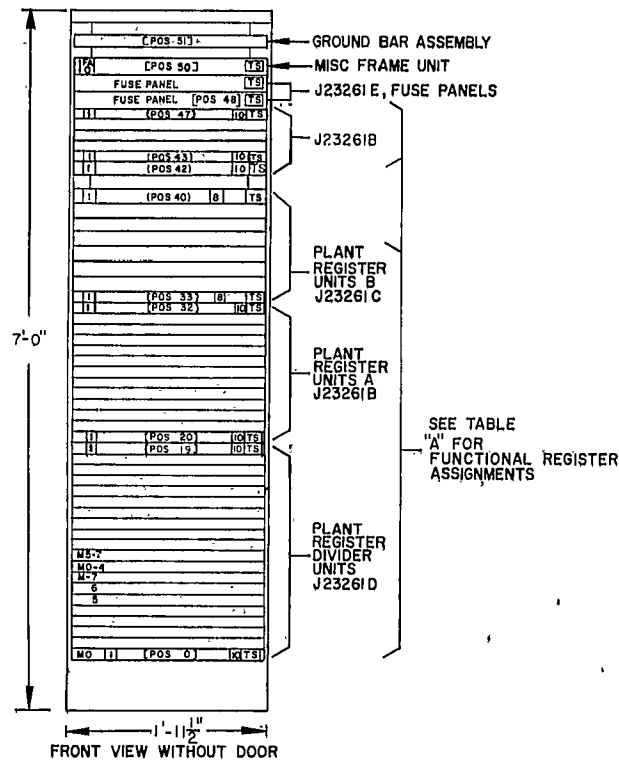
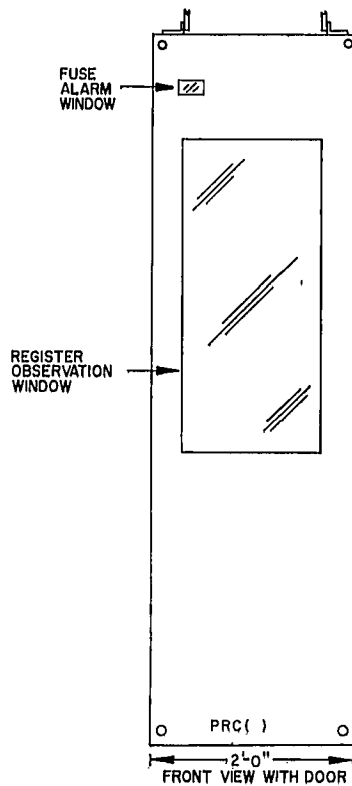


Fig. 1—Plant Register Cabinet, J23261A

and square tubular steel ceiling supports are secured to the framework when the cabinet is located independent of the wall.

1.09 The plant register cabinet can accommodate a maximum of 48 single-mounting-plate J-coded register units, which mount in cabinet positions 0 through 47 with the 0 position being nearest to the bottom of the cabinet. Each unit occupies 1-5/16 inches of vertical space in the cabinet. The registers provided on units that mount in cabinet positions 20 through 47 are visible through the window in the front door of the cabinet for periodic readings. Positions 20 through 47 are intended for J-coded units equipped with registers or counters performing registration and totalizing functions. The lower 20 cabinet positions are intended for units equipped with 2-disc magnetic counters that function in divider circuits and do not need periodic readings. (Dividers need to be read only for maintenance purposes.)

1.10 The J-coded register units are mounted on the cabinet in dedicated positions on an optional basis. A given J-coded unit is provided

only when one or more registration functions performed by apparatus on the unit are required.

1.11 J-coded fuse panels and the ground bar assembly are mounted in the upper portion of the cabinet.

1.12 No provision is made for taking the register readings by photographic processes. Cabinet design is premised upon manual reading of the registers.

Register Units

1.13 Each register unit is comprised of a single 1-1/4 inch wide mounting plate on which are mounted a terminal strip and up to a maximum of either eight or ten registers or magnetic counters. The registers and magnetic counters are equipped individually on each unit on an optional basis as specified in Table A or B of this specification.

Wiring

1.14 *Switchboard cable* enters the plant register cabinet through a cutout in the right end of the upper channel member. A 1/32 inch fiber dust cover, which is cemented to the top of the framework by the installation force, must be cut and fitted around the cables. The cables are butted at the cable support near the top of the cabinet, and the switchboard cable leads are run through retaining rings on the right upright of the cabinet and terminate on the front terminals of the frame and the unit terminal strips.

1.15 Interconnections between units or between units and fuse panels, ground bars, etc, within the cabinet, are run as *loose wire*. The loose wire connects to the front terminals of the terminal strips and is run through the retaining

rings on the right upright along with the switchboard cable leads.

1.16 Interconnections between apparatus (fuses, registers, counters, etc) and unit terminal strips are surface wired on the rear of the units.

Floor Plan Arrangement

1.17 The plant register cabinet may be free standing or wall mounted and shall be located in the vicinity of the maintenance center. The convenience of a wall-mounted location for the cabinet should be weighed against the difficulty encountered when it is necessary to add register apparatus to existing partially equipped register units in the cabinet. The existing register units must be partially removed and supported while apparatus and surface-wire additions are made, since the rear terminals of the units in the cabinet are not accessible when the cabinet is wall mounted.

SUBDIVISIONS OF EQUIPMENT AND DETAILED INDEX

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

EQUIPMENT CODE	RATING OF UNIT	TITLE	EQUIP DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT
J23261A	AT&TCo Std	Plant Register Cabinet	J23261A-()	SD-25793-01 Fig. 4 SD-25574-01	Frame	
J23261B	AT&TCo Std	Plant Register Unit A	J23261B-()	SD-25793-01 Fig. 1	10	1
J23261C	AT&TCo Std	Plant Register Unit B	J23261C-()	SD-25793-01 Fig. 5	8	1
J23261D	AT&TCo Std	Plant Register Divider Unit	J23261D-()	SD-25793-01 Fig. 6	10	1
J23261E	AT&TCo Std	Fuse Panel	J23261E-()	SD-25574-01 Fig. 3	1	1

Circuit Schematic Index

CIRCUIT DRAWING	J23261 EQPT CODE
SD-25574-01	A, E
SD-25793-01	A, B, C, D

2. SUPPLEMENTARY INFORMATION

819-000-000—No. 5 Crossbar System Index
 800-600-000—List of General Equipment Requirements
 Sections
 800-610-152—Gauge and Insulation of Wire
 Floor Plan Data—Section 11.2
 J29259—819-005-150—Central Office Equipment,

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

3. DRAWINGS

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

Keysheet

SD-25760-01—Crossbar System No. 5

Circuits

SD-25574-01—Miscellaneous Circuit for all No. 5 Crossbar Frames

SD-25793-01—Plant Register Circuit, Crossbar System No. 5

4. EQUIPMENT

J23261A—AT&T Co Std—Plant Register Cabinet

Equipment—J23261A-()

List 1—Framework, assembly, common equipment, and loose wiring for one plant register cabinet. (See Note B.)

WIRE EQUIP. NOTES

Plant Reg Ckt
SD-25793-01:

Pulse Lengthening Ckt,
Fig. 4

Fuse Panel J23261E, L1

Misc Ckt SD-25574-01:

48V Fuse Ckt, Fig. 3

Fuse Alm. Ckt, Fig. 4

Grd Feeder Ckt, Fig. 10

48V Tst Bat. Ckt, Fig. 81

1 1

2 2

2 0

1 1

1 1

1 1

C

Notes

A. Reserved.

B. The number of plant register units and plant register divider units required and the register designation information is covered in Table A or B.

C. Provides —48V battery feeder and alarm loose wiring. Remainder of Fig. 3 wiring is included on J23261E.

J23261B—AT&T Co Std—Plant Register Unit A

Equipment—J23261B-()

List 3—Assembly and common equipment (mounting plate and terminal strip) drilled for a maximum of ten message registers.

List 4—Wiring and equipment required in addition to list 3 for each message register provided in accordance with Table A or B per SD-25793-01, Fig. 1.

List 5—One contact protection network required in addition to list 4 when specified in Table A or B per SD-25793-01, Fig. 1, W option only.

List 6—Wiring and equipment required in addition to list 3 for each message register provided in accordance with Table A per SD-25793-01, Fig. 8.

J23261C—AT&T Co Std—Plant Register Unit B

Equipment—J23261C-()

List 2—Assembly and common equipment (mounting plate and terminal strip) drilled for eight magnetic peg count totalizers.

List 3—Wiring and equipment required in addition to list 2 for one magnetic counter for use as a peg count totalizer provided in accordance with Table A or B per SD-25793-01, Fig. 5.

List 4—Wiring and equipment required in addition to list 2 for one peg count register provided in accordance with Table A or B per SD-25793-01, Fig. 7.

List 5—Wiring and equipment required in addition to list 2 for one peg count register provided in accordance with Table A per SD-25793-01, Fig. 9.

J23261D—AT&T Co Std—Plant Register Divider Unit

Equipment—J23261D-()

List 2—Assembly and common equipment (mounting plate and terminal strip) drilled for ten magnetic counters for mounting peg count dividers.

List 3—Wiring and equipment required in addition to list 2 for one magnetic counter for use as a peg count divider provided in accordance with Table A or B per SD-25793-01, Fig. 6.

J23261E—AT&TCo Std—Fuse Panel

Equipment—J23261E-()

List 1—Equipment and wiring required for one fuse panel of 38 circuit fuses in accordance with SD-25574-01, Fig. 3 and one D5A terminal strip. (See Note B.)

Notes

A. Reserved.

B. Two list 1 are always required, first list 1 shall be stamped and wired per Fig. 97 of SD-25793-01 and the second list 1 shall agree with Fig. 98 of SD-25793-01.

5. GENERAL NOTES

5.01 Prior to the adoption of a new service results plan, the plant registers for a No. 5 crossbar central office were provided on J-coded units mounted on master test frame recorder bay, the office test frame, and the line insulation test frame. To provide the data required for the new service results plan, it was necessary to:

- (a) provide additional plant registers to furnish peg counts of certain traffic data to eliminate the need for frequent readings of existing traffic registers, and
- (b) modify existing plant registers to eliminate inconsistencies in data obtained from flat spring and wire spring offices.

Existing registers were modified and new registers were designed to have sufficient capacity to record one month data in most offices.

5.02 Practically all the plant registers for the No. 5 crossbar central office are now mounted on the plant register cabinet. There are two exceptions.

- (a) In an automatic call distributor (ACD) office, the plant register cabinet is not required.

Plant registers for ACD indications are provided on a 1-plate J-coded unit, J23252BF, which mounts above the jack panels on the ACD Trouble Display Frame, J23266C.

- (b) The registers to record line insulation test control functions are mounted on the line insulation test frame.

With the introduction of the plant register cabinet, most of the existing plant register units, except for the two cases mentioned above, were rated Mfr Disc.

List of A&M Only and Mfr Disc. Equipment

EQUIPMENT	RATING	DETAILS LAST SHOWN IN ISSUE	REPLACING EQUIPMENT
J23261B,L1	Mfr Disc.	1	J23261B,L3 & L4
L2	Mfr Disc.	1	J23261B,L5
J23261C,L1	Mfr Disc.	1	J23261C,L2 & L3
J23261D,L1	Mfr Disc.	1	J23261D,L2 & L3

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.

TABLE A FOR PLANT REGISTER CABINET J23261A

Units Shall Be Equipped And Stamped As Indicated

A Check (✓) Indicates a Spare Register Position On the Plant Register Unit.

UNIT		FOR EACH REG POS ON UNIT	PROVIDES REGISTRATION FOR	QUANTITY REQUIRED	REGISTER STAMPING										REMARKS					
MTG PLT POS IN CAB	J CODE & BASIC LIST				REGISTER POSITION ON UNIT															
					1	2	3	4	5	6	7	8	9	10						
0	J23261D List 2 Reqd For Each Unit To Equip One Cabinet Position	List 3	Sender Usage	One Per Marker Per Sender Group (Max 12 Grps) (Markers 0-7)	OSG 0	OSG 1	OSG 2	OSG 3	OSG 4	OSG 5	OSG 6	OSG 7	OSG 8	OSG 9	M0	Marker Association (Same as Desig Stamped On Left End Of Mtg Plt)				
1																	M1			
2																		M2		
3																		M3		
4																		M4		
5																		M5		
6																		M6		
7									OSG 0	OSG 1	OSG 2	OSG 3	OSG 4	OSG 5	OSG 6		OSG 7	OSG 8	OSG 9	M7
8									OSG 10	OSG 11	OSG 10	OSG 11	OSG 10	OSG 11	OSG 10		OSG 11	OSG 10	OSG 11	M0-4
9									OSG 10	OSG 11	OSG 10	OSG 11	OSG 10	OSG 11						M5-7
											✓									
												✓								
													✓							
														✓						
												</								

TABLE A FOR PLANT REGISTER CABINET J23261A (Cont)

Units Shall Be Equipped And Stamped As Indicated

A Check (✓) Indicates a Spare Register Position On the Plant Register Unit.

UNIT		FOR EACH REG POS ON UNIT	PROVIDES REGISTRATION FOR	QUANTITY REQUIRED		REGISTER STAMPING										REMARKS	
MTG PLY POS IN CAB	J CODE & BASIC LIST					REGISTER POSITION ON UNIT											
						1	2	3	4	5	6	7	8	9	10		
12	J28261D (Cont)	List 3	Total Transverter Usage	One Per Transverter Used For LAMA or LAMA and ANI or Magnetic Tape Recording		TVPC 0	TVPC 1	TVPC 2	TVPC 3	TVPC 4	TVPC 5	TVPC 6 - or - TVPC CAMA 3	TVPC 7 - or - TVPC CAMA 2	TVPC 8 - or - TVPC CAMA 1	TVPC 9 - or - TVPC CAMA 0	Offices Arranged for LAMA, LAMA and ANI, or Magnetic Tape Recording and/or CAMA	
			CAMA Transverter Usage	One Per CAMA Transverter													
13		List 3	AMA Recorder or Trk Cont Usage	One Per AMA Recorder or Trk Cont	0-9	REC-PC 0	REC-PC 1	REC-PC 2	REC-PC 3	REC-PC 4	REC-PC 5	REC-PC 6	REC-PC 7	REC-PC 8	REC-PC 9		
14					10-19	REC-PC 10	REC-PC 11	REC-PC 12	REC-PC 13	REC-PC 14	REC-PC 15	REC-PC 16	REC-PC 17	REC-PC 18	REC-PC 19		
15			Dial Tone Usage	One Per Dial Tone Marker		DTPC 0	DTPC 1	DTPC 2	DTPC 3	DTPC 4	DTPC 5						
			ANI Transverter Usage	One Per ANI Transverter or Transverter Arranged For ANI								TVPC ANI 0	TVPC ANI 1	TVPC ANI 2	TVPC ANI 3		
16			Transfer Register Usage	One Per Transfer Register Marker Connector		TRPC 0	TRPC 1	TRPC 2	TRPC 3								
			Wideband Completing Usage	One Per Marker Arranged For Wideband Service Per Class of Service						WTPC-0	WTPC-1	WTPC-2					Mkr 0
												WTPC-0	WTPC-1	WTPC-2	Mkr 1		
17	AMA Recorder Usage	One Per AMA Rcdr (20-29)		REC-PC 20	REC-PC 21	REC-PC 22	REC-PC 23	REC-PC 24	REC-PC 25	REC-PC 26	REC-PC 27	REC-PC 28	REC-PC 29	Reqd only when more than 20 AMA recdrs are provided.			
Frequency Shift Pulse Register Usage	One Per Incoming Register Marker Connector For Fre-quency Shift Pulse Registers		FSIR PC 0	FSIR PC 1	FSIR PC 2	FSIR PC 3	FSIR PC 4	FSIR PC 5	FSIR PC 6	FSIR PC 7	FSIR PC 8	✓	Mfr Disc. — If office is equipped with FSP and AMA recorders 20-29 are being added, the regs must be located in unused space on a job basis.				

TABLE A FOR PLANT REGISTER CABINET J23261A (Cont)

Units Shall Be Equipped And Stamped As Indicated

A Check (/) Indicates a Spare Register Position On the Plant Register Unit.

UNIT		FOR EACH REG POS ON UNIT	PROVIDES REGISTRATION FOR	QUANTITY REQUIRED	REGISTER STAMPING										REMARKS
MTG PLT POS IN CAB	J CODE & BASIC LIST				REGISTER POSITION ON UNIT										
					1	2	3	4	5	6	7	8	9	10	
18	J23261D (Cont)	List 3	AMA 2-line Entry Total	One Per Transverter Arranged For LAMA	2LL PC 0	2LL PC 1	2LL PC 2	2LL PC 3	2LL PC 4	2LL PC 5	2LL PC 6	2LL PC 7	2LL PC 8	2LL PC 9	Offices Arranged for LAMA and/or CAMA
			One Per CAMA Transverter							- or - 2LC PC 3	- or - 2LC PC 2	- or - 2LC PC 1	- or - 2LC PC 0		
19			Total LAMA Toll Calls	One Per Transverter For LAMA-MTR	LTC 0	LTC 1	LTC 2	LTC 3	LTC 4	LTC 5	LTC 6	LTC 7			Office Arranged for AMA-MTR
			Total CAMA Toll Calls	One Per Transverter Used For CAMA-MTR							- or - CTC 3	- or - CTC 2	CTC 1	CTC 0	
19	J23261B List 3	List 4	AMA Trouble Recorder Entries	One Per AMA Recorder (20-29)	RTR 20	RTR 21	RTR 22	RTR 23	RTR 24	RTR 25	RTR 26	RTR 27	RTR 28	RTR 29	Reqd Only When More Than 20 AMA Recdrs Are Provided
20	Reqd For Each Unit To Equip One Cabinet position	List 4 & 5	Trouble Recorder Entries	One Per Marker Group	TRE										Mfr Disc. — Relocated in Pos 23, Register 7 & 8
			Completing Failure 1st Trial	One Per Marker (Mkrs 0-7)		MTR 0	MTR 1	MTR 2	MTR 3	MTR 4	MTR 5	MTR 6	MTR 7		
		List 4	Incoming Reorder Request	One Per Marker Group										RO	
21		List 4 & 5	Dial Tone Failure 1st Trial	One Per Dial Tone Marker	DMTR 0	DMTR 1	DMTR 2	DMTR 3	DMTR 4	DMTR 5					
			List 4	Ground Test Failure	One Per Marker Group					GTF					
		Incoming Register Link Release								LR					
		Transfer Register Link Release									TLR				
		Traffic Sampling Failures										TSF			
		Sender Time Out or Trunk Guard Test Failure		One Per Sender Group									SS 0	SS 1	
22						SS 2	SS 3	SS 4	SS 5	SS 6	SS 7	SS 8	SS 9	SS 10	
23		Automatic Monitor Failures	Outgoing Calls	One Per Marker Group	OSF										For Office With Master Test Frame
	Incoming Calls				IRF										
	Originating Calls					ORF									
	Transverter Second Calls						TST								
	Dial Tone Failure — 2nd Trial							OMST 0							

TABLE A FOR PLANT REGISTER CABINET J23261A (Cont)
Units Shall Be Equipped And Stamped As Indicated
A Check (✓) Indicates a Spare Register Position On the Plant Register Unit.

UNIT		FOR EACH REG POS ON UNIT	PROVIDES REGISTRATION FOR	QUANTITY REQUIRED	REGISTER STAMPING										REMARKS
MTG PLT POS IN CAB	J CODE & BASIC LIST				REGISTER POSITION ON UNIT										
					1	2	3	4	5	6	7	8	9	10	
23	J23261B (Cont)	List 4	Completing Failure — 2nd Trial	One Per Marker Group						CMST 0					For Offices With Master Test Frame
			Coin Supervisory Trouble										CSTR		
			Ground Test Failure							GTF					
			Incoming Register Link Release								LR				
			Ground Test Failure			GTF								For Offices With Office Test Frame	
			Incoming Register Link Release				LR								
			Transverter Second Trails					TST							
			Dial Tone Failure — 2nd Trial	One Per Marker					DMST 0		DMST 1				
			Completing Failure — 2nd Trial							CMST 0		CMST 1			
												✓			
		Coin Supervisory Trouble	One Per Marker Group										CSTR		
24		List 4	Selected Traffic Conditions	One Per Marker As Required	EXR 0	EXR 1	EXR 2	EXR 3	EXR 4	EXR 5	EXR 6	EXR 7			
			Number Identification Request Failure — Listed Number Billings as a Result of not Obtaining Station Identification—All PBXs.	One Per PBX-AIOD A1 or A2 Station Identification Frame										NIRF	
		List 6	Failure to Store — Failures to Enter Station Identification Information in Memory — All PBXs.												
25		List 4	AMA Trouble Recorder Features	One Per Transverter	TTR 0	TTR 1	TTR 2	TTR 3	TTR 4	TTR 5	TTR 6	TTR 7	TTR 8	TTR 9	Offices With LAMA Only or LAMA-ANI
			TTR 0		TTR 1	TTR 2	TTR 3	TTR 4	TTR 5					Offices With CAMA Only or With LAMA-CAMA	
			CAMA Transverter Troubles	One Per CAMA Transverter								CTTR 3	CTTR 2	CTTR 1	CTTR 0

TABLE A FOR PLANT REGISTER CABINET J23261A (Cont)

Units Shall Be Equipped And Stamped As Indicated

A Check (✓) Indicates a Spare Register Position On the Plant Register Unit.

UNIT		FOR EACH REG POS ON UNIT	PROVIDES REGISTRATION FOR	QUANTITY REQUIRED	REGISTER STAMPING										REMARKS			
MTG PLY POS IN CAB	J CODE & BASIC LIST				REGISTER POSITION ON UNIT													
					1	2	3	4	5	6	7	8	9	10				
25	J23261B (Cont)	List 4	CAMA Transverter Troubles	One Per CAMA Transverter							CTTR 3	CTTR 2	CTTR 1	CTTR 0	Offices With ANI Only or ANI-CAMA (Reverse Order of Registers)			
			ANI Transverter Trouble	One Per ANI Transverter					ATTR 0	ATTR 1								
						✓												
							✓											
								✓										
						✓												
26					AMA Trouble Recorder Entries	Two Per Marker Group	MTTR 0	MTTR 1									Offices With LAMA and/or ANI and/or CAMA	
					Bulk Billed Calls Free	One Per All Transverters			LBBF									
						One Per All CAMA Transverters								CBBF				
					ANI Transverter — 2nd Trial Failures	One Per Marker Group						ATST						
					CAMA Transverter — 2nd Trial Failures								CTST					
					CAMA Sender Time-Out No Position Attached							NPA						
										✓								
					AMA Trouble Recorder Entries	One Per Recorder					RTR E							
27								RTR 0	RTR 1	RTR 2	RTR 3	RTR 4	RTR 5	RTR 6	RTR 7	RTR 8	RTR 9	Mfr Disc. — Relocated in Pos 44, Register 1, 2, 3, & 8
28								RTR 10	RTR 11	RTR 12	RTR 13	RTR 14	RTR 15	RTR 16	RTR 17	RTR 18	RTR 19	
29					Pretranslator Trouble Entries	One Per Pretranslator	PTR 0	PTR 1	PTR 2									
					Pretranslator Second Trials	One Per Marker Group				PST								

Mfr Disc. — Relocated in Pos 44, Register 1, 2, 3, & 8

TABLE A FOR PLANT REGISTER CABINET J23261A (Cont)

Units Shall Be Equipped And Stamped As Indicated

A Check (✓) Indicates a Spare Register Position On the Plant Register Unit.

UNIT		FOR EACH REG POS ON UNIT	PROVIDES REGISTRATION FOR		QUANTITY REQUIRED		REGISTER STAMPING										REMARKS
MTG PLT POS IN CAB	J CODE & BASIC LIST						REGISTER POSITION ON UNIT										
							1	2	3	4	5	6	7	8	9	10	
29	J23261B (Cont)	List 4	AIS Sender Usage Without Line Link Pulsing		One Per AIS Sdr Grp					AI					A&M Only		
			AIS Sender Time Out Without Line Link Pulsing								AIS						
			Coin Sender Timed Release Awaiting Operator		One Per MF Sender Group Arranged For Coin Zone Dialing							CZSR 0	CZSR 1	CZSR 2	CZSR 3		
30			Load Alarms		One Per Alarm Sending Office	LA 0	LA 1	LA 2	LA 3	LA 4	LA 5	LA 6	LA 7	LA 8		Offices Equipped With Load Alarms From Sending Offices	
															✓		
31			First Trial Failures		One Per Alarm Sending Office	1TF 0	1TF 1	1TF 2	1TF 3	1TF 4	ITF 5	ITF 6	ITF 7	ITF 8		Offices With 1st Trial Failure Alarms From Sending Offices	
															✓		
32			Transfer Register Reorder (After Line Identification)		One Per Transfer Register Group	TRR 0	TRR 1	TRR 2								Mfr Disc. — Relocated in Pos 47, Register Pos 6	
			IDDD LAMA Call Reorder		One Per MF Sender Group Orig IDDD LAMA Calls (Grp 0)				IDTO 0								
			Glare Detection	Route Advance	One Per Marker Group					GRA							
				Reorder							GRO						
			Frequency Shift Pulse Sender 1st Trial Failures									S1TF					
			Frequency Shift Pulse Sender 2nd Trial Failures										S2TF				
			Frequency Shift Pulse Register — 1st Trial Failures		One Per Marker Group Having Frequency Shift Pulse Incoming Registers									R1F			
			Frequency Shift Pulse Register — 2nd Trial Failures												R2F		
33	J23261C List 2 Req'd For Each Unit To Equip One Cabinet Position	List 3	Sender Usage		One Per Sender Group	OSGTC 0	OSGTC 1	OSGTC 2	OSGTC 3	OSGTC 4	OSTGC 5	OSTGC 6	OSTGC 7				
34						OSGTC 8	OSGTC 9	OSGTC 10	OSGTC 11								
			DP, MF, and RP Incoming Register Usage		One Per IRMC For DP, MF, or RP Registers					IRTC 5	IRTC 6	IRTC 7	IRTC 8				

TABLE A FOR PLANT REGISTER CABINET J23261A (Cont)

Units Shall Be Equipped And Stamped As Indicated

A Check (/) Indicates a Spare Register Position On the Plant Register Unit.

UNIT		FOR EACH REG POS ON UNIT	PROVIDES REGISTRATION FOR	QUANTITY REQUIRED	REGISTER STAMPING										REMARKS	
MTG PLT POS IN CAB	J CODE & BASIC LIST				REGISTER POSITION ON UNIT											
					1	2	3	4	5	6	7	8	9	10		
35	J23261C (Cont)	List 3	DP, MF, and RP Incoming Register Usage	One Per IRLC For DP, MF, or RP Registers	IRTC 0	IRTC 1	IRTC 2	IRTC 3	IRTC 4					Mfr. Disc. — Relocated in Pos 40, Reg Pos 4 and 5		
			Completing Usage	One Per Maximum of Four Markers (Mkrs 0-7)							TTC 0	TTC 1			Mfr Disc. — Relocated in Pos 39, Register Pos 3	
			Dial Tone Usage	One Per Maximum of Six Combined Markers or Four Dial Tone Markers (Mkrs 0-3)										DTTC		
36			Automatic Monitor Peg Count	Outgoing Calls	One Per Marker Group	OS									Mfr Disc. — If office is equipped with FSP, and AMA recorders 20-29 are being added, the regs must be located in unused space on a job basis.	
				Incoming Calls				IR								
				Originating Calls					OR							
			Transfer Register Usage	One Per Transfer Register Marker Connector					TRTC 0	TRTC 1	TRTC 2	TRTC 3				
37			Frequency Shift Pulse Register Usage	One Per IRLC For Frequency Shift Pulse Registers									FSIR TC8			
						FSIR TC-0	FSIR TC-1	FSIR TC-2	FSIR TC-3	FSIR TC-4	FSIR TC-5	FSIR TC-6	FSIR TC-7			
			AMA Recorder	One Per 10 AMA Recorders (RCDR 20-29)		✓	✓	✓	✓	✓	✓	✓	REC PCT (Redr 20-29)			
38			AMA Recorder or Trk Cont Usage	One Per 10 AMA Redr and Emer Redr or Trk Cont (0-9)									REC PCT (0-9)			REC PCT (10-19)
				One Per 10 AMA Redr or Trk Cont (10-19)												
			AMA 2-Line Entry Total	One Per All Transverters				2LL TC								
				One Per All CAMA Transverters					2LC TC							
			Total Transverter Usage	One Per All Transverters Arranged For LAMA or LAMA and ANI or Magnetic Tape Recording						TVTC						
			ANI Transverter Usage	One Per All ANI Transverters or Transverters Arranged For ANI							TVTC ANI					

TABLE A FOR PLANT REGISTER CABINET J23261A (Cont)

Units Shall Be Equipped And Stamped As Indicated

A Check (✓) Indicates a Spare Register Position On the Plant Register Unit.

UNIT		FOR EACH REG POS ON UNIT	PROVIDES REGISTRATION FOR	QUANTITY REQUIRED	REGISTER STAMPING										REMARKS	
MTG PLY POS IN CAB	J CODE & BASIC LIST				REGISTER POSITION ON UNIT											
					1	2	3	4	5	6	7	8	9	10		
39	J23261C (Cont)	List 3	CAMA Transverter Usage	One Per CAMA Transverters		TVTC CAMA										
			Call-Waiting Usage	One Per Marker Group Arranged for Call-Waiting Service	CWP	,										
			Total LAMA Toll Calls	One Per All Transverters arranged For LAMA-MTR	LTCT											
			Total CAMA Toll Calls	One Per All Transverters arranged For CAMA-MTR		CTCT										
			Number Identification Request — AMA Requests For Station Identification — All PBXs.	One Per PBX AIOD A1 or A2 Station Identification Frame					N1R							
		List 5	PBX Request — Requests to Record Station Identification Information In Memory — All PBXs.	One Per PBX AIOD A1 or A2 Station Identification Frame						PBX						
		List 4	AMA-MTR Recorder Usage	Two Per Marker Group Arranged For AMA-MTR							MRU A	MRU B				
		List 3	Dial Tone Usage	One Per Max of Six Combined Mkrs or Four Dial Tone Mkrs (Mkrs 0-3)			DTTC 0									
				One For Dial Tone Mkrs (4 & 5)				DTTC 1								
				One For Dial Tone Mkrs (4 & 5)			DTTC									
		40		Wideband Completing Usage	Three Per Marker Group Arranged For Wideband Service	WTTC 0	WTTC 1	WTTC 2								
				Completing Usage	One Per Maximum of Two Markers (Mkrs 0-7)				TTC 0	TTC 1	TTC 2	TTC 3			✓	
														Mfr Disc. — Relocated at Reg Pos 4		

Mfr Disc. — Relocated at Reg Pos 4

TABLE A FOR PLANT REGISTER CABINET J23261A (Cont)

Units Shall Be Equipped And Stamped As Indicated

A Check (✓) Indicates a Spare Register Position On the Plant Register Unit.

UNIT		FOR EACH REG POS ON UNIT	PROVIDES REGISTRATION FOR			REGISTER STAMPING										REMARKS	
MTG FLT POS IN CAB	J CODE & BASIC LIST					REGISTER POSITION ON UNIT											
						1	2	3	4	5	6	7	8	9	10		
42	J23261B List 3 Reqd For Each Unit To Equip One Cabinet Position	List 4	MTF Trunk Test Ckt Auto. Recycle Test Result	Reorder	One Marker Per Group	ATRO											
				Line-Busy			ATBY										
				Announcement				ATAN									
				Ring Trip Failure					ATRF								
				Test Complete						ATTC							
									✓	✓	✓	✓	✓				
43			Coin Supv Usage	Recycles	One Per Coin Supervisory Link Grp	RC 0			RC 1			RC 2					
				Recycle Failures			RCF 0		RCF 1		RCF 2						
				Transfers to Operator				OTM 0		OTM 1		OTM 2					
			Pretrans-lator Failure	IR	1st Trial	One Per IR Pretranslator								IRPTR 2			
			44			Pretrans-lator Failure	Reg	1st Trial	One Per Pretranslator	PTR 0	PTR 1	PTR 2					
IDDD	One Per IDDD Pretranslator									IPTR 0	IPTR 1						
IR	One Per IR Pretranslator									IRPTR 0	IRPTR 1						
Reg	2nd Trial	One Per Marker Group											PST				
IDDD												IPST					
IR												IRPST					
45			Access Group Controller Alarm			One Per Access Grp Cont Ckt	AGCA 0	AGCA 1	AGCA 2	AGCA 3	AGCA 4	AGCA 5	AGCA 6	AGCA 7	AGCA 8	AGCA 9	

TABLE A FOR PLANT REGISTER CABINET J23261A (Cont)

Units Shall Be Equipped And Stamped As Indicated

A Check (✓) Indicates a Spare Register Position On the Plant Register Unit.

UNIT		FOR EACH REG POS ON UNIT	PROVIDES REGISTRATION FOR		QUANTITY REQUIRED	REGISTER STAMPING										REMARKS	
MTG PLT POS IN CAB	J CODE & BASIC LIST					REGISTER POSITION ON UNIT											
						1	2	3	4	5	6	7	8	9	10		
46	J23261B (Cont)	List 4	Wideband Failure	1st Trial	One Per Marker Arranged For Wideband Service Per Class of Service	WTR-0 0	WTR-0 1	WTR-0 2								Marker—0	
								WTR-1 0	WTR-1 1	WTR-1 2					Marker—1		
				2nd Trial	One Per Marker Group Arranged For Wideband Service						WMST 0	WMST 1	WMST 2				
														✓			
47				LAMA Toll Calls Free		One Per All Transverters Used For LAMA-MTR	LFTC										Office Arranged For AMA-MTR
				CAMA Toll Calls Free		One Per All Transverters Used For CAMA-MTR		CFTC									
				AMA-MTR Trouble Recorder Entries		Two Per Marker Group Arranged For AMA-MTR			MRT A	MRT B							
				AMA-MTR Recorder Maintenance Transfer		One Per Marker Group Arranged For AMA-MTR				MRXR							
		Call-Waiting Failure	1st Trial	One Per Marker Group Arranged For Call Waiting Service										CW1F			
			2nd Trail											CW2F			
				IDDD LAMA Call Reorder		One Per MF Sender Group Orig IDDD LAMA Calls (Group 1)							IDTO 1				
						One Per MF Sender Group Orig IDDD LAMA Calls (Group 0)						IDTO 0					
														✓			

TABLE B FOR PLANT REGISTER CABINET J23261A
Units Shall Be Equipped And Stamped As Indicated
A Check (✓) Indicates a Spare Register Position On the Plant Register Unit.

UNIT		FOR EACH REG POS ON UNIT	PROVIDES REGISTRATION FOR	QUANTITY REQUIRED	REGISTER STAMPING										REMARKS		
MTG PLT POS IN CAB	J CODE & BASIC LIST				REGISTER POSITION ON UNIT												
					1	2	3	4	5	6	7	8	9	10			
0	J23261D List 2 Reqd For Each Unit To Equip One Cabinet Position	List 3	Sender Usage	One Per Marker Per Sender Group (Max 12 Groups) (Mkrs 8-11)	OSG 0	OSG 1	OSG 2	OSG 3	OSG 4	OSG 5	OSG 6	OSG 7	OSG 8	OSG 9	M8	Mkr Assoc (Same as Desig Stamp On Left End Of Mtg Plt)	
1															M9		
2															M10		
3					OSG 0	OSG 1	OSG 2	OSG 3	OSG 4	OSG 5	OSG 6	OSG 7	OSG 8	OSG 9	M11		
4					OSG 10	OSG 11	OSG 10	OSG 11	OSG 10	OSG 11	OSG 10	OSG 11	✓	✓	M8-11		
5																	
6																	
7																	
8																	
9																	
10																	
11					Completing Usage	One Per Marker (Mkrs 8-11)							TPC 8	TPC 9	TPC 10	TPC 11	
					✓	✓	✓	✓	✓	✓							
20	J23261B List 3 Reqd For Each Unit To Equip One Cabinet Position	List 4	Selected Traffic Conditions	One Per Marker (Mkrs 8-11)							EXR 8	EXR 9	EXR 10	EXR 11			
		List 4 & 5	Completing Failure 1st Trial	One Per Marker (Mkrs 8-11)			MTR 8	MTR 9	MTR 10	MTR 11							
						✓	✓										
33	J23261C List 2 Reqd For Each Unit To Equip One Cabinet Position	List 3	Completing Usage	One Per Max of Two Markers (8-11)	TTC 4	TTC 5	✓	✓	✓	✓	✓	✓					

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