

PERMUTED TITLE INDEX

FLOOR PLAN DATA (FPD) SHEETS

1. GENERAL

1.01 This is an index of all standard Floor Plan Data (FPD) sheets that have been released at the time of issue of this Section.

1.02 This section has been reissued to include the titles of all FPD sheets added and to delete the titles of the FPD sheets that have become inactive since the previous issue. This issue replaces all previous issues and addenda.

2. ARRANGEMENT

2.01 The titles of the FPD sheets have been edited and then processed as follows:

(a) Each title was reduced to a string of keywords; compound words such as "cable duct" and "channel banks" were hyphenated (becoming "cable-duct" and "channel-banks"); the sheet numbers were added (without the prefix "FPD"); and some words were abbreviated. Acronyms have frequently been used to shorten titles.

(b) A line of output was generated for each keyword in each title and the lines are printed with the keywords at the *center* of the page, in alphabetical order. Numerical keywords appear at the end of the alphabetical listing. Non-keywords are printed but are not indexed. Titles longer than one line are truncated as indicated by slash (/) marks.

2.02 The titles are *not* indexed by their FPD numbers. To obtain the title corresponding to a given number, consult BSP 800-020-021, Checking List, Floor Plan Data (FPD) Sheets.

2.03 All active FPD sheets are listed according to the *current* numbers (either "nine-digit and suffix" or "Section and Sheet").

2.04 Certain sections of the old-format Floor Plan Data book were assigned to specific systems. The section headings have not been included as part of each title, but are listed here for convenience:

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3	Manual - Toll
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7	Equipment Common to More Than One System
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NOTICE

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415A Power-Plant 140 PSF Floor-Load,	Metal Battery-Stand	802-680-160-6
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Plan Layout, Eqpt. Loc. Against Wall,	Metal Battery-Stands	/Typ. Floor
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Loc. Against Wall, J87436A Rectifier,	Metal Battery-Stands	/Plan Layout, Eqpt.
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	Miscellaneous Frame	Sect. 9.2 Sh. 6
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Switch Frame	MJ Mobile Radio Telephone System Duplicate	Sect. 7.1 Sh. 99
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Digital Transmission System	MX3 Lightwave Monitor & Control Frame -24V FT3 Lightwave	801-525-156-13
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Lightwave/	MX3C Lightwave Terminating	Monitor and Control Frame, -24V FT3C
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	Cable Pressure	Monitoring System Digital Data Processor
	Cable Pressure	Monitoring System Remote Terminal
Located on Floor	50-to-800 A	Motor-Driven Discharge-Lead Rheostats
Switchboard-Lineup/		Motor-Enclosure-Section for End of
Directory Desk/		Motor-Enclosure-Section for Rear of
MCS	5-Ton Process Cooler	Mounted on Building-Floor, Point Return
MCS	10-Ton Process Cooler	Mounted on Building-Floor, Point Return
	No. 20 Key-Cabinet	Mounted on Commercial Desk
Carrier D1 Channel-Bank 3-Bank Arrangement		Mounted on Double Unequal-Flange/
	Ringling-Machine Equipment	Mounted on Relay-Rack
ESS		Moving Head Disk 3B Processor for No. 5
		Multi-Frequency-Pulsing Receiving Frames
4A or 4M Toll		Multifrequency Current Supply Frame No. 4,
		Multifrequency Current Supply Frame
Tandem Office	Revertive, Dial, and	Multifrequency Marker Connector Frames
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Intertoll-Dialing Office with CAMA, 11-6		Multifrequency Receiver Frame,
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711B Non-Multiple Attendant-Switchboard or PBX Non-Multiple Attendant-Switchboard or	Multiple 625B Power-Plants with Remote		Sect. 8.1 Sh. 65
	Multiple Attendant Switchboard	701B or	Sect. 6.9 Sh. 12
	Multiple Attendant-Switchboard	/or 711B	Sect. 6.9 Sh. 13
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	Multiple Manual-Switchboard		Sect. 6.9 Sh. 6
	Multiple Manual-Switchboard		Sect. 6.9 Sh. 9
	Multiple PBX		Sect. 6.1 Sh. 5
	Multiple Switchboard		Sect. 6.1 Sh. 16
	Multiple Switchboard		Sect. 6.1 Sh. 19
	Multiple Switchboard		Sect. 6.1 Sh. 8
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	Multiple-Attendant Switchboard		Sect. 6.9 Sh. 11
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SMAS 1A Typical	Terminating Unit Power Station	Sect. 7.3 Sh. 17
Toll	Terminating-Marker Connector Frame	Sect. 9.1 Sh. 20
Local	Terminating-Sender-Link Frames	Sect. 9.1 Sh. 6
Central Office Consoles 904 Data	Test & Make-Busy Frame No. 4A or 4M Toll	Sect. 10.3 Sh. 18
Central Office Relay-Rack 904 Data	Test & Trouble Ticketer No. 1, 350A, or	Sect. 5.5 Sh. 13
No. 1 Crossbar Route and Rate Verification	Test Access Frame /Mobile Radio Telephone	Sect. 7.1 Sh. 102
District	Test Access Trunk Frame, Master, SMAS No.	824-102-117-6
Trunk Automatic	Test Access Trunk Frame, Slave, SMAS No. 5	824-102-117-7
Sender	Test Area Layout Testboard No. 22	Sect. 7.1 Sh. 125
Sender	Test Board No. 17C No. 4, 4A, and 4M Toll	Sect. 10.3 Sh. 6
Outgoing Toll-Connecting Trunk	Test Cabinet No. 3	Sect. 7.2 Sh. 48
with CAMA Automatic Incoming Trunk	Test Center	Sect. 20.1.1 Sh. 1
Automatic Outgoing Intertoll Trunk	Test Center	Sect. 20.1.1 Sh. 2
/Directed Outgoing Intertoll Trunk	Test Circuit	Sect. 9.3 Sh. 35
Register	Test Connecting Frame	Sect. 4.3 Sh. 6
No. 1 & Tandem Offices, Sender	Test Connector Frame AMA Tandem Office	Sect. 9.3 Sh. 25
No. 1 & Tandem Offices Incoming Trunk	Test Connector Frame AMA Tandem Office	Sect. 9.3 Sh. 26
Local	Test Connector Frame No. 4 Toll	Sect. 10.3 Sh. 11
Local	Test Connector Frame No. 4 Toll	Sect. 10.3 Sh. 42
Local	Test Connector Frame No. 4, 4A, or 4M Toll	Sect. 10.3 Sh. 31
Local	Test Connector Frame No. 4A or 4M Toll	Sect. 10.3 Sh. 20
Local	Test Connector Frame No. 4A or 4M Toll	Sect. 10.3 Sh. 36
Cable	Test Connector Frame Tandem Office	Sect. 9.3 Sh. 34
Office	Test Connector Frame	Sect. 9.3 Sh. 9
Subscribers Sender	Test Connector Frames	Sect. 9.3 Sh. 6
Directed Outgoing Intertoll Trunk	Test Desk No. 12	Sect. 7.2 Sh. 3
Sender	Test Desk No. 13	Sect. 7.2 Sh. 12
Trunk Automatic	Test Desk No. 14	Sect. 7.2 Sh. 21
Direct-in-Dialing	Test Desk No. 15B	Sect. 7.2 Sh. 65
Manual Outgoing Trunk	Test Desk No. 16	Sect. 7.2 Sh. 66
Incoming Trunk	Test Desk No. 3	Sect. 7.2 Sh. 24
Outgoing Trunk	Test Frame & Sender Test Frame, Tandem	Sect. 4.3 Sh. 26
Outpulser Link Controller	Test Frame 4A or 4M Toll	Sect. 10.3 Sh. 35
Incoming Sender	Test Frame AMA Tandem Office	Sect. 9.3 Sh. 22
Outgoing Sender	Test Frame AMA Tandem Office	Sect. 9.3 Sh. 24
CCIS Interoffice Trunk	Test Frame Crossbar No. 1	Sect. 9.3 Sh. 37
Automatic Incoming Trunk	Test Frame Crossbar Tandem	Sect. 9.3 Sh. 18
Automatic Outgoing Intertoll Trunk	Test Frame No. 1 & Tandem Offices	Sect. 9.3 Sh. 2
Incoming Sender and Register	Test Frame No. 1 & Tandem Offices	Sect. 9.3 Sh. 7
Manual	Test Frame No. 4A Toll	Sect. 10.1 Sh. 73
Trunk	Test Frame No. 4A Toll	Sect. 10.3 Sh. 15
Position	Test Frame No. 4A Toll	Sect. 10.3 Sh. 17
Status-Display Frame No./	Test Frame No. 4A Toll	Sect. 10.3 Sh. 43
Frame No. 4A Toll	Test Frame No. 4A or 4M Toll with CAMA	Sect. 10.3 Sh. 30
	Test Frame No. 4A or 4M Toll	Sect. 10.3 Sh. 19
	Test Frame No. 4A or 4M Toll	Sect. 10.3 Sh. 29
	Test Frame No. 4A or 4M Toll	Sect. 10.3 Sh. 37
	Test Frame Tandem Office	Sect. 9.3 Sh. 10
	Test Frame Tandem Office	Sect. 9.3 Sh. 36
	Test Frame Testboard No. 25A and	Sect. 10.3 Sh. 38
	Test Frame and Lockout and Signaling Jack	Sect. 10.3 Sh. 41
	Test Frame	Sect. 10.3 Sh. 9
	Test Frame	Sect. 4.3 Sh. 18
	Test Frame	Sect. 4.3 Sh. 31
	Test Frame	Sect. 4.3 Sh. 33
	Test Frame	Sect. 4.3 Sh. 37

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Number-Identification Type C, Outpulser & Test Frame	Automatic	Sect. 5.2 Sh. 73
Manual Outgoing-Trunk Test Frame		Sect. 5.5 Sh. 11
No. 1 with AMA, Trunk and Outpulser Test Frame	Step-by-Step	Sect. 5.5 Sh. 15
1, 350A, or 355A Automatic Outgoing-Trunk Test Frame	No.	Sect. 5.5 Sh. 17
B Sender and Position Test Frame		Sect. 5.5 Sh. 2
Tandem Office Rater-Charge Computer Test Frame		Sect. 7.1 Sh. 78
Tandem Office Rater Computer Test Frame		Sect. 7.1 Sh. 83
District Junctor Test Frame		Sect. 9.3 Sh. 1
Line Insulation Test Frame		Sect. 9.3 Sh. 19
Originating Sender Test Frame		Sect. 9.3 Sh. 3
Terminating Sender Test Frame		Sect. 9.3 Sh. 4
Zone-Registration Test Frame		Sect. 9.3 Sh. 8
Automatic Test Frame, Common-Control		Sect. 5.5 Sh. 12
Office-Selector Test Frame, Final-Selector Test Frame		Sect. 4.3 Sh. 31
CAMA Trouble Ticketer and Test Frame, Intertoll-Dialing Office with		Sect. 5.5 Sh. 9
Line Insulation Test Frame, No. 1 and 350A Offices		Sect. 5.5 Sh. 10
Manual Outgoing-Trunk Test Frame, No. 1 with AMA		Sect. 5.5 Sh. 14
Automatic Trunk Test Frame, No. 1 with AMA		Sect. 5.5 Sh. 7
Sender, Identifier, Transverter Test Frame, No. 1 with AMA		Sect. 5.5 Sh. 8
Voice-Frequency-Link Test Frame, No. 4A Toll		818-709-152-1
Subscribers Sender Test Frame & Sender Test Frame, Tandem Office		Sect. 4.3 Sh. 26
District-Selector Test Frame, Tandem Office		Sect. 4.3 Sh. 32
or 4M Toll Manual Outgoing Trunk Test Frame, Test & Make-Busy Frame No. 4A		Sect. 10.3 Sh. 18
/Trunk Operational and Transmission Test Frames No. 4A and 4M Toll		Sect. 10.3 Sh. 34
Sender Test Interrupter Frame		Sect. 4.3 Sh. 25
ROTL Test Line Frame No. 1 & Tandem Offices		Sect. 9.3 Sh. 40
Final-Multiple Test Line Frame		Sect. 4.3 Sh. 20
Line-Switch Pickup-Lead, 11-6 Test Panel for Primary & Secondary		Sect. 5.4 Sh. 1
SMAS 5A/RTS 5A Controller & Remote Test Port Frame 11-6 Unequal-Flange/		824-102-117-1
SMAS 5A/TRS 5A Controller & Remote Test Port Frames, 7-0 UNIFRAMES		824-102-117-2
SARTS 1A Test Position 52A, Floor Plan Layout		824-102-101-1
Console Interface Cabinet for use with Test Position 53A	SMAS No. 5 Position	824-101-117-1
Console Patch Cabinet for use with Test Position 53A	SMAS No. 5 Position	824-101-117-2
SMAS No. 5 Test Position 53A		824-101-117-3
RTS Frame Layout SMAS No. 5 for use with Test Position 53A	TAT and	824-102-117-5
Frame, Master, SMAS No. 5 for use with Test Position 53A	Test Access Trunk	824-102-117-6
Frame, Slave, SMAS No. 5 for use with Test Position 53A	Test Access Trunk	824-102-117-7
Test Position No. 51A Floor-Plan Layout		Sect. 23.1.1 Sh. 2
Local Test-Desk Test Selector Frame		Sect. 4.3 Sh. 29
Sender Test Supplementary Frame AMA Tandem Office		Sect. 9.3 Sh. 23
Trunk Test Supplementary Frame AMA Tandem Office		Sect. 9.3 Sh. 33
Relay Test Table		Sect. 3.1 Sh. 21
Automatic Transmission Test and Control Frame No. 4A or 4M Toll		Sect. 10.3 Sh. 24
Automatic Transmission Test and Control Frame Tandem Office		Sect. 9.3 Sh. 31
Decoder Test and Trouble-Indicator Frame		Sect. 4.3 Sh. 24
Panel Service-Observing, Call-Thru Test, and Cord Monitoring Patching Jack		Sect. 9.2 Sh. 2
/Telegraph Test-Board No. 9, Non-Multiple Test-&-Control Board No. 8, & Transmission/		Sect. 3.3 Sh. 15
Test-&-Control Board No. 8, Multiple Type		Sect. 3.1 Sh. 26
Test-&-Control Board No. 8, Multiple Type		Sect. 3.1 Sh. 28
Test-&-Control Board No. 8, & Transmission Test-Board No. 10A	/No. 9, Non-Multiple	Sect. 3.3 Sh. 15
Telegraph Test-Board No. 15		Sect. 3.3 Sh. 20
Toll Test-Board No. 17		Sect. 3.3 Sh. 22
Toll Test-Board No. 18		Sect. 3.3 Sh. 29
Telegraph Test-Board No. 9		Sect. 3.3 Sh. 57
Toll Test-Boards 5 & 16, Telegraph Test-Board No. 9, Non-Multiple/		Sect. 3.3 Sh. 15
Outgoing-Trunk Test-Board		Sect. 4.3 Sh. 35
Outgoing-Trunk Test-Board		Sect. 4.5 Sh. 3
Data System 950 Type Test-Board, DSX-O Cross-Connect, Digital		807-601-150-1
No. 9, Non-Multiple Test-&-Control/ Toll Test-Boards 5 & 16, Telegraph Test-Board		Sect. 3.3 Sh. 15

	Local	Test-Desk Sender Frame	Sect. 4.1.3 Sh. 7
	Local	Test-Desk Test Selector Frame	Sect. 4.3 Sh. 29
		Test-Port Cabinet CAROT-2	824-101-112-7
	Regulator-Repair & Repeater	Test-Set, L1 Carrier	Sect. 3.3 Sh. 38
	Modulation	Test-Set, L1 Carrier	Sect. 3.3 Sh. 39
	Vacuum-Tube	Test-Set, L1 Carrier	Sect. 3.3 Sh. 40
	SMAS 1A Typical Test Area Layout	Testboard No. 22	Sect. 7.1 Sh. 125
		Testboard No. 22A SMAS 1A	Sect. 7.1 Sh. 119
		Testboard No. 24A	Sect. 7.1 Sh. 164
No. 4A Toll	Intertoll Manual Test Frame	Testboard No. 25A and Status-Display Frame	Sect. 10.3 Sh. 38
	ARSB Loop	Testing Frame	824-102-112-12
Detection	Exchange	Testing Line Status Verifier Line-Fault	Sect. 23.4.1 Sh. 2
Control Frame	Exchange	Testing Line Status Verifier Position	Sect. 23.4.1 Sh. 4
Control and Outgoing Trunk/	Exchange	Testing Line Status Verifier Position	Sect. 23.4.1 Sh. 3
	Outgoing Trunk	Testing System	Sect. 23.6.1 Sh. 3
	Combined Dial and Toll Office,	Third Floor Operating-Room	Sect. 5.9 Sh. 16
		Third-Floor Layout	Sect. 4.9 Sh. 5
	NO. 1 or 350 with Automatic-Ticketing,	Thousands Number Frame	Sect. 5.2 Sh. 28
		No. 1 with AMA,	
		Three Wire Office Frame	Sect. 4.1.2 Sh. 5
	Operating-Room Desk No. 24C,	Three-Book Desk	Sect. 7.2 Sh. 58
		Three-Book Information Desk No. 3	Sect. 7.2 Sh. 40
Manual-Switchboard	740E PBX	Three-Digit with Multiple	Sect. 6.9 Sh. 6
Manual-Switchboard	740E PBX	Three-Digit with Multiple	Sect. 6.9 Sh. 9
Manual-Switchboard and Small/	740E PBX	Three-Digit with Non-Multiple	Sect. 6.9 Sh. 8
	Operating-Room Desks No. 23D & 23E,	Ticket-Distributing Desks	Sect. 7.2 Sh. 59
	/for Rear of Directory Desk,	Ticket-Distributing-System	Sect. 3.1 Sh. 18
	/for End of Switchboard-Lineup,	Ticket-Distributing-System	Sect. 3.1 Sh. 19
	Tube-Enclosure-Section, Pneumatic	Ticket-Distributing-System	Sect. 3.1 Sh. 24
Office with CAMA	Trouble	Ticketer and Test Frame, Intertoll-Dialing	Sect. 5.5 Sh. 9
with Common-Control, Manual Test & Trouble		Ticketer	Sect. 5.5 Sh. 13
		No. 1, 350A, or 355A Offices	
		Ticketing Trunk Frame, Automatic Ticketing	Sect. 5.2 Sh. 23
	Ticketing Trunk Frame, Automatic	Ticketing	Sect. 5.2 Sh. 23
	Frame, Step-by-Step, AMA or Automatic	Ticketing	Sect. 5.4 Sh. 3
	Group-Busy	Time-Register Rack	Sect. 3.3 Sh. 16
	Tandem Office	Timer Link and Control Frame	Sect. 9.1 Sh. 70
	Master	Timing Frame 4A or 4M Toll with CAMA	Sect. 10.1 Sh. 37
	Master	Timing Frame No. 1 and Tandem Offices AMA	Sect. 9.2 Sh. 13
	District	Timing Frame	Sect. 4.2 Sh. 10
		Timing Frame	Sect. 4.2 Sh. 13
	No. 1 Message	Timing Frame	Sect. 9.2 Sh. 21
with CAMA, 11-6	Master	Timing Frame, Intertoll-Dialing Office	Sect. 5.2 Sh. 48
	Office-Channel Unit Multiplexing and	Timing Unit Frames	Sect. 20.2.1 Sh. 1
4A Toll	Message	Timing and Register Frame for INWATS No.	Sect. 10.2 Sh. 27
	856A Ringing-&-Tone Power-Plant, 0.4A, 4A	Toll & Crossbar-Tandem	802-925-150-1
	Ringling-Tone-&-Interrupter Power-Plant, 4A	Toll & Crossbar-Tandem	802-926-150-1
Frames 4A or 4M Toll	Intertoll,	Toll Completing, and Combined Incoming	Sect. 10.1 Sh. 61
Link Frames 4A and 4M Toll	Intertoll,	Toll Completing, and Combined Outgoing	Sect. 10.1 Sh. 60
Trunk Frame	Outgoing	Toll Connecting & 2-Wire Incoming Tandem	Sect. 10.1 Sh. 54
	Trunk Frame for Intertoll and	Toll Connecting Plug-In Trunks	Sect. 10.1 Sh. 67
Toll	Outgoing	Toll Connecting Trunk Unit Frame 4A and 4M	Sect. 10.1 Sh. 59
4A Toll	Trunk Frame for Intertoll,	Toll Connecting, and CCIS Plug-In Trunks	Sect. 10.1 Sh. 67A
	General Notes, No. 4	Toll Crossbar	Sect. 1.1 Sh. 5
	for Electronic-Adjunct Frames No. 4A	Toll ETS/CCIS/SO	Sect. 10.8 Sh. 2
	and Sender-Test Frame for Key-Pulsing	Toll No. 3 or SXS A Switchboard	Sect. 7.1 Sh. 23
		/Sender	
Equipment Layout	Combined Dial and	Toll Office, Basement Power-Room	Sect. 5.9 Sh. 13
	Combined Dial and	Toll Office, First Floor Repeater	Sect. 5.9 Sh. 14
	Combined Dial and	Toll Office, Fourth Floor Switch-Room	Sect. 5.9 Sh. 17
	Combined Dial and	Toll Office, Second Floor Switch-Room	Sect. 5.9 Sh. 15
	Combined Dial and	Toll Office, Third Floor Operating-Room	Sect. 5.9 Sh. 16

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	Toll Repeater Office Layout		Sect. 3.9 Sh. 6
	Toll Repeater Office, Terminal-Room Layout		Sect. 3.9 Sh. 1
Power-Plant, +/-150V, 0.4A, Cont. Ringing	Toll Swbd. or PBX	871A Ringing	802-938-150-1
	Toll Switchboard No. 1 & 3		Sect. 3.1 Sh. 8
	Toll Switchboard No. 1 & 3		Sect. 3.1 Sh. 9
Switchboard	Toll Switchboard No. 3 or SXS A		Sect. 7.1 Sh. 22
Link Frame for Key-Pulsing	Toll Switchboards	Repeater	Sect. 3.9 Sh. 5
Office Layout in Building with No. 11 &	Toll Switching Systems	5A Announcement	Sect. 7.1 Sh. 108
Frame Crossbar Tandem System, 4A & 4M	Toll Switching, Stored-Program		818-425-161-1
Control-Signal/	Toll Test Board No. 17C No. 4, 4A, and 4M		Sect. 10.3 Sh. 6
Typ. Lineup Arrangements,	Toll Test-Board No. 17		Sect. 3.3 Sh. 22
Toll	Toll Test-Board No. 18		Sect. 3.3 Sh. 29
Test-Board No. 9, Non-Multiple/	Toll Test-Boards 5 & 16, Telegraph		Sect. 3.3 Sh. 15
Transverter Frame 4A and 4M	Toll with CAMA		Sect. 10.1 Sh. 32
Transverter Connector Frame 4A and 4M	Toll with CAMA		Sect. 10.1 Sh. 33
Trunk-Class-Translator Frames 4A or 4M	Toll with CAMA	/and Supplementary	Sect. 10.1 Sh. 35
Call-Identity Indexer Frame 4A or 4M	Toll with CAMA		Sect. 10.1 Sh. 36
Master Timing Frame 4A or 4M	Toll with CAMA		Sect. 10.1 Sh. 37
Billing Indexer Originating Frame 4A or 4M	Toll with CAMA		Sect. 10.1 Sh. 38
Indexer Supplementary Frame 4A or 4M	Toll with CAMA	Billing	Sect. 10.1 Sh. 39
Line Observing Frame 4A or 4M	Toll with CAMA		Sect. 10.1 Sh. 40
Recorder Frame 4A or 4M	Toll with CAMA		Sect. 10.1 Sh. 41
Perforator Cabinet 4A or 4M	Toll with CAMA		Sect. 10.1 Sh. 42
Incoming Register and Link Frame 4A or 4M	Toll with CAMA		Sect. 10.1 Sh. 44
Switchboard Back-to-Back 4A or 4M	Toll with CAMA	2-Position	Sect. 10.1 Sh. 45
Switchboard Single Lineup 4A or 4M	Toll with CAMA	2-Position	Sect. 10.1 Sh. 46
Auxiliary Sender Make-Busy Frame No. 4A	Toll with CAMA		Sect. 10.3 Sh. 26
Register Make-Busy Frame No. 4M	Toll with CAMA		Sect. 10.3 Sh. 27
Recorder Connector Frame No. 4A and 4M	Toll with CAMA	Trouble	Sect. 10.3 Sh. 28
Incoming Trunk Test Frame No. 4A or 4M	Toll with CAMA	Automatic	Sect. 10.3 Sh. 30
Trunk Test Connector Frame No. 4A or 4M	Toll with CAMA	Automatic Incoming	Sect. 10.3 Sh. 31
Voice-Frequency-Link Test Frame, No. 4A	Toll		818-709-152-1
Combined Incoming Frames No. 4, 4A, or 4M	Toll	Intertoll, Toll-Completing and	Sect. 10.1 Sh. 1
and Connector Frame No. 4, 4A, or 4M	Toll	Link Controller	Sect. 10.1 Sh. 10
Incoming or MFP Incoming Sender Frames 4A	Toll	DP	Sect. 10.1 Sh. 16
Outgoing Sender Frame 4A	Toll		Sect. 10.1 Sh. 19
Combined Outgoing Frame No. 4, 4A, or 4M	Toll	Intertoll, Toll-Completing and	Sect. 10.1 Sh. 2
Supplementary Decoder-Connector Frame 4A	Toll	Decoder Connector Frame and	Sect. 10.1 Sh. 20
Card Translator 4A or 4M	Toll		Sect. 10.1 Sh. 21
Decoder Frame 4A or 4M	Toll		Sect. 10.1 Sh. 22
Marker-Connector Frame 4A or 4M	Toll	Marker Connector and Supplementary	Sect. 10.1 Sh. 23
Foreign Translator Connector Frames 4A	Toll		Sect. 10.1 Sh. 24
Marker Frame 4A or 4M	Toll		Sect. 10.1 Sh. 25
Incoming or MFP Incoming Sender Frames 4M	Toll	DP	Sect. 10.1 Sh. 28
Card Translator 4M	Toll		Sect. 10.1 Sh. 29
Card Translator 4A or 4M	Toll		Sect. 10.1 Sh. 30
Position Link Frame AMA 4A or 4M	Toll		Sect. 10.1 Sh. 31
CAMA Sender Link Frame 4A or 4M	Toll		Sect. 10.1 Sh. 34
CAMA Sender Frame 4A and 4M	Toll		Sect. 10.1 Sh. 43
OVS Sender Frame 4A or 4M	Toll		Sect. 10.1 Sh. 47
OVS Sender Link Frame 4A or 4M	Toll		Sect. 10.1 Sh. 48
Block Relay Frame 4A or 4M	Toll		Sect. 10.1 Sh. 49
Decoder Frame 4A or 4M	Toll		Sect. 10.1 Sh. 50
Frame 4A or 4M	Toll	/and Supplementary-Marker-Connector	Sect. 10.1 Sh. 51
Frame 4A or 4M	Toll	/and Supplementary-Decoder-Connector	Sect. 10.1 Sh. 52
MF Incoming Sender 4A	Toll		Sect. 10.1 Sh. 53
Incoming Tandem Trunk Frame 4A and 4M	Toll	Intertoll and 4-Wire	Sect. 10.1 Sh. 55
CAMA Trunk Frame 4A and 4M	Toll		Sect. 10.1 Sh. 56
Decoder Channel Frame 4A and 4M	Toll		Sect. 10.1 Sh. 57

Toll Connecting Trunk Unit Frame 4A and 4M	Toll	Outgoing	Sect. 10.1 Sh. 59
Sender Link Frames No. 4, 4A, or 4M	Toll	Incoming and Outgoing	Sect. 10.1 Sh. 6
Combined Outgoing Link Frames 4A and 4M	Toll	Intertoll, Toll Completing, and	Sect. 10.1 Sh. 60
and Combined Incoming Frames 4A or 4M	Toll	Intertoll, Toll Completing,	Sect. 10.1 Sh. 61
Billing Indexer Auxiliary Frame 4A or 4M	Toll		Sect. 10.1 Sh. 62
Output Link Frame 4A	Toll		Sect. 10.1 Sh. 63
Output Link Controller Frame No. 4	Toll		Sect. 10.1 Sh. 64
/Frame No. 4	Toll		Sect. 10.1 Sh. 66
Connecting, and CCIS Plug-In Trunks 4A	Toll	Trunk Frame for Intertoll, Toll	Sect. 10.1 Sh. 67A
Transceiver and Connector Frame 4A	Toll		Sect. 10.1 Sh. 68
CAMA-C No. 4A or 4M	Toll		Sect. 10.1 Sh. 69
CAMA-C No. 4A or 4M	Toll		Sect. 10.1 Sh. 70
Decoder Connector Frames No. 4A or 4M	Toll	Auxiliary	Sect. 10.1 Sh. 71
Trunk Frame for CCIS Plug-In Trunks No. 4A	Toll		Sect. 10.1 Sh. 72
Frame for 2-Way CCIS Plug-In Trunks 4A	Toll	Trunk	Sect. 10.1 Sh. 72A
Link Controller Test Frame No. 4A	Toll	Output Link	Sect. 10.1 Sh. 73
Assignment Patch Frame No. 4, 4A, or 4M	Toll	Trunk	Sect. 10.2 Sh. 11
Current Supply Frame No. 4, 4A or 4M	Toll	Multifrequency	Sect. 10.2 Sh. 16
Route Traffic Control Frame No. 4A and 4M	Toll	Alternate	Sect. 10.2 Sh. 17
Frequency Control Frame No. 4A	Toll	/Connector - Frame Identification	Sect. 10.2 Sh. 18
Office Interrupter Frame No. 4A or 4M	Toll		Sect. 10.2 Sh. 19
Traffic Supervisory Rack No. 4A	Toll		Sect. 10.2 Sh. 20
and Register Rack No. 4A and 4M	Toll	Traffic Supervisory	Sect. 10.2 Sh. 22
Supply and Control Frame No. 4A or 4M	Toll	Frame-Identification Frequency	Sect. 10.2 Sh. 23
Pretranslator Frames No. 4A and 4M	Toll		Sect. 10.2 Sh. 24
Traffic Control Frame No. 4A and 4M	Toll		Sect. 10.2 Sh. 25
Network Control Frame No. 4A or 4M	Toll		Sect. 10.2 Sh. 26
and Register Frame for INWATS No. 4A	Toll	Message Timing	Sect. 10.2 Sh. 27
Office Interrupter Frame 4A or 4M	Toll		Sect. 10.2 Sh. 3
Floor Alarm Frame No. 4, 4A, or 4M	Toll		Sect. 10.2 Sh. 4
and Fuse-Bay Angle Type No. 4A or 4M	Toll	Relay-Rack	Sect. 10.2 Sh. 5
Overflow Trunk Frame No. 4A and 4M	Toll		Sect. 10.2 Sh. 9
Trouble Tracing Frame No. 4 and 4A	Toll		Sect. 10.3 Sh. 10
Sender Test Connector Frame No. 4	Toll		Sect. 10.3 Sh. 11
Incoming Sender Test Frame No. 4A	Toll		Sect. 10.3 Sh. 15
Outgoing Sender Test Frame No. 4A	Toll		Sect. 10.3 Sh. 17
Frame, Test & Make-Busy Frame No. 4A or 4M	Toll	Manual Outgoing Trunk Test	Sect. 10.3 Sh. 18
Intertoll Trunk Test Frame No. 4A or 4M	Toll	Automatic Outgoing	Sect. 10.3 Sh. 19
Trunk Test Connector Frame No. 4A or 4M	Toll	Automatic Outgoing Intertoll	Sect. 10.3 Sh. 20
Trouble Recorder Frame No. 4A or 4M	Toll		Sect. 10.3 Sh. 21
Sender Make-Busy Frame No. 4A	Toll		Sect. 10.3 Sh. 22
Emergency Filament Supply Frame No. 4A	Toll		Sect. 10.3 Sh. 23
Test and Control Frame No. 4A or 4M	Toll	Automatic Transmission	Sect. 10.3 Sh. 24
Teletypewriter Frame No. 4, 4A, or 4M	Toll		Sect. 10.3 Sh. 25
and Register Test Frame No. 4A or 4M	Toll	Incoming Sender	Sect. 10.3 Sh. 29
Trunk Identification Frame No. 4A or 4M	Toll	Outgoing	Sect. 10.3 Sh. 32
Trunk Identification Frame No. 4A or 4M	Toll	Supplementary Outgoing	Sect. 10.3 Sh. 33
and Transmission Test Frames No. 4A and 4M	Toll	/Toll-Connecting Trunk Operational	Sect. 10.3 Sh. 34
Intertoll Trunk Test Frame 4A or 4M	Toll	Automatically Directed Outgoing	Sect. 10.3 Sh. 35
Trunk Test Connector Frame No. 4A or 4M	Toll	/Directed Outgoing Intertoll	Sect. 10.3 Sh. 36
Manual Test Frame No. 4A or 4M	Toll		Sect. 10.3 Sh. 37
No. 25A and Status-Display Frame No. 4A	Toll	/Manual Test Frame Testboard	Sect. 10.3 Sh. 38
Supplementary AOTT Frame No. 4A and 4M	Toll		Sect. 10.3 Sh. 39
Status Concentrator Frame No. 4A	Toll		Sect. 10.3 Sh. 40
Lockout and Signaling Jack Frame No. 4A	Toll	Intertoll Manual Test Frame and	Sect. 10.3 Sh. 41
Test Connector Frame No. 4, 4A, or 4M	Toll	Outgoing Trunk	Sect. 10.3 Sh. 42
CCIS Interoffice Trunk Test Frame No. 4A	Toll		Sect. 10.3 Sh. 43
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Trunk Assignment Patch Frame No.	4, 4A, or 4M Toll		Sect. 10.2 Sh. 11
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SMAS-Interface & D. F. Access, SMAS	4, for use with SMAS 5A/RTS 5A for SMAS/		801-408-153-4
LT-1 Connector with	4-Wire E&M Signaling or CCIS		804-050-154-1
4M Toll	Intertoll and	4-Wire Incoming Tandem Trunk Frame 4A and	Sect. 10.1 Sh. 55
Announcement Frame Crossbar Tandem System,	No.	4A & 4M Toll Switching Systems	Sect. 7.1 Sh. 108
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856A Ringing-&-Tone Power-Plant, 0.4A,		4A Toll & Crossbar-Tandem	802-925-150-1
Ringing-Tone-&-Interrupter Power-Plant,		4A Toll & Crossbar-Tandem	802-926-150-1
for Electronic-Adjunct Frames No.		4A Toll ETS/CCIS/SO	Sect. 10.8 Sh. 2
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DP Incoming or MFP Incoming Sender Frames		4A Toll	Sect. 10.1 Sh. 16
Outgoing Sender Frame		4A Toll	Sect. 10.1 Sh. 19
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Trunk Frame for 2-Way CCIS Plug-In Trunks		4A Toll	Sect. 10.1 Sh. 72A
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use with SMAS 5A/RTS 5A for SMAS 5B/RTS 5A Network, 7-0 /D. F. Access, SMAS 4, for		801-408-153-4
Access, SMAS 4, for use with SMAS 5A, RTS 5A for SMAS 5B/RTS 5A Network, 11-6 /D. F.		801-408-153-3
Access, SMAS 4, for use with SMAS 5A/RTS 5A for SMAS 5B/RTS 5A Network, 7-0 /D. F.		801-408-153-4
873A Ringing Power-Plant, +/-150V, 5A, Cont. Ringing PBX		802-940-150-1
/& D. F. Access, SMAS 4, for use with SMAS 5A, RTS 5A for SMAS 5B/RTS 5A Network,/		801-408-153-3
11-6 SMAS 5A/5B Stage 1 Distribution Network Frame		824-102-117-4
7-0 SMAS 5A/5B Stage 1 Distribution Network Frame		824-102-117-3
Frame 11-6 Unequal-Flange Cable-Duct SMAS 5A/RTS 5A Controller & Remote Test Port		824-102-117-1
/& D. F. Access, SMAS 4, for use with SMAS 5A/RTS 5A for SMAS 5B/RTS 5A Network, 7-0		801-408-153-4
Frames, 7-0 UNIFRAMES SMAS 5A/TRS 5A Controller & Remote Test Port		824-102-117-2
4, for use with SMAS 5A, RTS 5A for SMAS 5B/RTS 5A Network, 11-6 /F. Access, SMAS		801-408-153-3
4, for use with SMAS 5A/RTS 5A for SMAS 5B/RTS 5A Network, 7-0 /D. F. Access, SMAS		801-408-153-4
853A Ringing-&-Tone Power-Plant, 6A, No. 5 Crossbar		802-922-150-1
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Information Desk No. 6B, Two-Book Section		Sect. 7.2 Sh. 46
Information Desks No. 7 & 7A		Sect. 7.2 Sh. 54
Service-Observing Desk No. 7		Sect. 7.2 Sh. 32
D4 Channel-Banks, 7'-0' ESS Framework		801-505-155-4
DCT 10-Bank Frame, Triple 7'-0' ESS Framework		801-505-156-1
LT-1B Facility, Connector Frame, 7'-0' Primary		801-515-001-1

LT-1B Facility, Connector Frame,	7'-0' Supplementary	801-515-001-2
D4 Channel-Banks,	7'-0' Unequal-Flange Framework	801-505-155-3
SLC-96 Frame,	7'-0'	801-450-104-3
Channel Type with 5 in. Cable-Rack,	7-0, 9-0, & 11-6	Relay-Rack, Sect. 5.3 Sh. 13
	7-A to 15-A Choke Coils Located on Floor	Sect. 8.8 Sh. 4
8-1/2 in. Panel Switchboard	7-Panel, 2-Position Section	Sect. 7.2 Sh. 27
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9, Non-Multiple Test-&-Control Board No.	8, & Transmission Test-Board No. 10A	/No. Sect. 3.3 Sh. 15
Test-&-Control Board No.	8, Multiple Type	Sect. 3.1 Sh. 26
Test-&-Control Board No.	8, Multiple Type	Sect. 3.1 Sh. 28
8-1/2 in. Panel Switchboard	8-Panel, 3-Position Section	Sect. 7.2 Sh. 26
Lightwave/ Line Repeater Frame, +140V E/W	8A Regenerators, Typ. Floor Plan, FT3/3C	801-525-156-17
Lightwave/ Line Repeater Frame, -48V, E/W	8A Regenerators, Typ. Floor Plans, FT3/3C	801-525-156-15
Lightwave/ Line Repeater Frame, -24V, E/W	8A Regenerators, Typ. Floor Plans, FT3/3C	801-525-156-16
Telegraph Test-Board No.	9	Sect. 3.3 Sh. 57
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8, &/ 5 & 16, Telegraph Test-Board No.	9, Non-Multiple Test-&-Control Board No.	Sect. 3.3 Sh. 15
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Eqpt. Loc. Within Bldg. Bay, J87436A/	150B Power-Plant, Typ. Floor Plan Layout,		802-679-151-7
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DC Output	151A Power-Plant for No. 3 ESS, Metal		802-679-160-1
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	Ringing-&-Tone Power-Plant, 15A, No. 1 &	350A Step-by-Step	826A 802-931-150-1
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Decoder Frame	No. 1,	350A, or 355A Offices, Translator &	Sect. 5.2 Sh. 64
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	Rectifier 208/240 220/240	802-444-160-1
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DC, 10.0 A Output, -24V DC Input	670 Converter Power-Plant, +130 or -130V	802-867-150-1
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	812A PBX		Sect. 6.2 Sh. 50
	812A PBX		Sect. 6.2 Sh. 51
1 & 350A Step-by-Step	826A Ringing-&-Tone Power-Plant, 15A, No.		802-931-150-1

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5 Crossbar	852A Ringing-&-Tone Power-Plant, 1.5A, No.	802-921-150-1
Crossbar	853A Ringing-&-Tone Power-Plant, 6A, No. 5	802-922-150-1
Toll & Crossbar-Tandem	856A Ringing-&-Tone Power-Plant, 0.4A, 4A	802-925-150-1
Power-Plant, 4A Toll & Crossbar-Tandem	857A Ringing-Tone-&-Interrupter	802-926-150-1
350A & 355A Step-by-Step	861A Ringing-&-Tone Power-Plant, No. 1,	802-930-155-1
350A Step-by-Step	863A Ringing-&-Tone Power-Plant, No. 1 &	802-932-150-1
Cont. Ringing Toll Swbd. or PBX	871A Ringing Power-Plant, +/-150V, 0.4A,	802-938-150-1
Cont. Ringing PBX	872A Ringing Power-Plant, +/-150V, 1.25A,	802-939-150-1
Cont. Ringing PBX	873A Ringing Power-Plant, +/-150V, 5A,	802-940-150-1
	900 Jumper Supporting Framework	Sect. 7.1 Sh. 10
Main Distributing-Frame	904 Data Test Center	Sect. 20.1.1 Sh. 1
Central Office Consoles	904 Data Test Center	Sect. 20.1.1 Sh. 2
Central Office Relay-Rack	950 Type Test-Board, DSX-O Cross-Connect,	807-601-150-1
Digital Data System	1000 Terminals Ultimate	Sect. 5.9 Sh. 21
Branch Office Approx.	1000 Terminals Ultimate	Sect. 5.9 Sh. 23
350A Dial Office Approx.	1000A/+130V	Sect. 8.9.1 Sh. 13
& 702C Power-Plants 2000A/24V 5000A/48V	1024 Line Single Entity with Growth to	Sect. 8.9.1 Sh. 13
2048 Lines	No. 10A RSS Floor Plan Layout	820-760-001-4
680A Power-Plant, -24V DC Input, 0 to	1150V DC Output	802-867-150-1
680B Power-Plant, +140V DC Input, 0 to	1150V DC Output	802-867-151-1
Manual Switchboard or 711A PBX Layout	1200 Terminals Ultimate	Sect. 6.9 Sh. 2
Switchboard or 711A PBX Alternate Plan	1200 Terminals Ultimate	Sect. 6.9 Sh. 3
302A Power-Plants	1200A/48V 10-100A/24V	Sect. 8.9.1 Sh. 10
355A Dial Office	1250/1500KW Turbine Alternator, KS-21879	802-980-155-1
350A Dial Office Layout Approx.	1500 Lines	Sect. 5.9 Sh. 26
302A Power-Plants 4000A/48V	1500 Terminals Ultimate	Sect. 5.9 Sh. 2
302A Power-Plants	1500A/24V	Sect. 8.9.1 Sh. 12
302A & 702C Power-Plants	1500A/48V 400A/24V	Sect. 8.9.1 Sh. 11
1024 Line Single Entity with Growth to	2000A/24V 5000A/48V 1000A/+130V	Sect. 8.9.1 Sh. 13
Data-Set Frame,	2048 Lines	820-760-001-4
350A Dial Office Layout Approx.	No. 10A RSS Floor Plan Layout	801-801-162-1
302A Power-Plants	2048	Sect. 5.9 Sh. 3
302A & 702C Power-Plants 2000A/24V	2500 Terminals Ultimate	Sect. 8.9.1 Sh. 12
	4000A/48V 1500A/24V	Sect. 8.9.1 Sh. 13
	5000A/48V 1000A/+130V	824-101-112-3
	7920 Disk Drive CAROT-2	