

CHECKING LIST

FLOOR PLAN DATA (FPD) SHEETS

1. GENERAL

1.01 This is a checking list of all standard floor plan data sheets issued prior to and including DS List 310.

1.02 This section has been completely revised and is considered a general revision. As a result, revision arrows are not used. The reasons for the reissue is to incorporate additions in Groups I, II, and III.

2. ARRANGEMENT

2.01 This checking list is divided into the following three groups:

- **Group I** contains a listing of all active floor plan data sheets which are identified by a 9-digit number and suffix (FPD 801-XXX-213-1) which is based on an associated J Specification/BSP number.
- **Group II** contains a listing of all active floor plan data sheets which are identified by a section and sheet number.
- **Group III** contains a list of sheets which have been replaced and which should be removed from active floor plan data files. It also references the replacing sheets.

3. SYMBOLS USED

3.01 Entries marked with an asterisk (*) have been added or changed in status since the last issue of this checking list.

3.02 Entries marked with the symbol (+) indicate data sheets which have been canceled since the previous issue of this list. Such entries will be deleted from the next issue of this list.

3.03 Data sheets marked with the symbol (#) have been rated **Manufacture Discontinued** and no stock will be maintained. When a reissue of a data sheet is changed in rating to **Manufacture Discontinue**, it will be carried on two subsequent reissues of this checking list for information purposes and then removed.

GROUP I

760-550-300-1	Modular Cooling System
Sheet 1 Issue *4	Assembly (MCS) New Equip-
2 *4	ment Building Standard
3 1	(NEBS)
4 1	
5 1	
6 1	

760-550-300-2	5-Ton Process Cooler for Mo-
Sheet 1 Issue *3	duflor Raised Floor Applica-
2 *3	tion Modular Cooling System
	(MCS)

760-550-300-3	5-Ton Process Cooler
Sheet 1 Issue *3	Mounted on Building Floor
2 *3	(Point Return) Modular Cool-
	ing System (MCS)

760-550-300-4	10-Ton Process Cooler for Mo-
Sheet 1 Issue *3	duflor Raised Floor Applica-
2 *3	tion Modular Cooling System
	(MCS)

760-550-300-5	10-Ton Process Cooler
Sheet 1 Issue *3	Mounted on Building Floor
2 *3	(Point Return) Modular Cool-
	ing System (MCS)

760-550-300-6	Moduflor Modular Raised
Sheet 1 Issue 1	Floor Assembly (MCS)
2 *2	
3 *2	

760-550-300-7	Metal Panel Suspended Ceil-
Sheet 1 Issue *2	ing Modular Cooling System
2 *2	(MCS)
3 *2	

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

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800-000-000	Cross-Reference Lists, Administrative Information, General Equipment, Requirements for Installing and Manufacturing, and General Performance Requirements	12	*3		
		13	*2		
		14	*2		
		15	*3		
		16	*3		
800-000-000-1	Floor Plan Data/General Information/Table of Contents and Preface	801-005-164-2	End Guard COSMIC II Frame System	Sheet 1	Issue *1
Sheet 1	Issue *2				
2	*2	801-005-164-3	Tie Pair Distributing Frame (TPDF) COSMIC II Frame System	Sheet 1	Issue *1
3	*2			2	*1
4	*2			3	*1
800-000-000-2	Floor Plan Data/General Information/Numbering			4	*1
Sheet 1	Issue *2			5	*1
2	*2			6	*1
3	*2	801-005-164-4	Walk-Thru COSMIC II Frame System	Sheet 1	Issue *2
4	*2			2	*1
5	*2				
6	1	801-005-164-5	Typical Office Plan COSMIC II Frame System	Sheet 1	Issue *1
7	1			2	*1
8	1			3	*1
9	1			4	*1
10	1			5	*1
11	1				
12	1				
800-000-000-3	Floor Plan Data/General Information/Definitions	801-005-164-6	Combined Main Distributing Frame COSMIC II Frame System	Sheet 1	Issue *1
Sheet 1	Issue *2			2	*1
2	*2			3	*1
3	1			4	*1
800-000-000-4	Floor Plan Data/General Information/Notes			5	*1
Sheet 1	Issue *2			6	*1
				7	*1
800-000-000-5	Floor Plan Data/General Information/Standard Equipment Lineup Aisle Spacings	801-005-164-7	Facility Module (Left Side), Combined Main Distributing Frame COSMIC II Frame System	Sheet 1	Issue *1
Sheet 1	Issue *2				
2	*2	801-005-164-8	Facility Module (Right Side), Combined Main Distributing Frame COSMIC II Frame System	Sheet 1	Issue *1
3	*2				
800-000-000-6	Floor Plan Data/General Information Floor Load Allocations				
Sheet 1	Issue *2	801-005-164-9	Equipment Module — 1 or 2 Side Combined Main Distributing Frame COSMIC II Frame System	Sheet 1	Issue *1
2	*2				
801-005-164-1	Subscriber/Trunk Distributing Frame (SMDF/TMDF) COSMIC† II Frame System				
Sheet 1	Issue *3	801-005-165-1	Facility Module, COSMIC II Mini-Distributing Frame	Sheet 1	Issue *1
2	*3				
3	*2				
4	*3				
5	*3				
6	*3				
7	*3				
8	*3				
9	*3				
10	*3				
11	*3				

†Trademark of Western Electric

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801-408-153-4	Switched Maintenance Access (SMAS) Interface and D.F. Access (SMAS4) Equipment for Use With SMAS 5A/RTS 5A Equipment to Provide a 5B/RTS 5A Network (7' 0" Arrangement)	801-450-104-9	Customer Premises Frame Arrangement DC Powered 7' Frame SLC-96 Remote Terminal Banks
Sheet 1 Issue 2		Sheet 1 Issue *1	
2		2	*1
3		3	*1
4			
5			
801-432-155-1	Terminal Bays N4 Carrier	801-450-104-10	Customer Premises Frame Arrangement DC Powered 11' 6" Frame SLC-96 Remote Terminal Banks
Sheet 1 Issue 1		Sheet 1 Issue *2	
2		2	*1
		3	*1
801-450-104-1	SLC-96, 11-6 Frames	801-450-104-11	Outside Plant Remote Terminals in a 3-Frame Arrangement SLC-96 Remote Terminal Banks
Sheet 1 Issue *1		Sheet 1 Issue *1	
2		2	*1
3		3	*1
4			
801-450-104-2	SLC-96, 9-0 Frames	801-450-104-12	Outside Plant Remote Terminals AC Powered 7' Frame SLC-96 Remote Terminal Banks
Sheet 1 Issue *1		Sheet 1 Issue *1	
2		2	*1
3			
4			
801-450-104-3	SLC-96, 7-0 Frame	801-500-150-1	Patch and Cross-Connect Frame in 9-0 Cable Duct Framework
Sheet 1 Issue *1		Sheet 1 Issue 3	
2		2	1
3			
4			
801-450-104-4	Floor Plan Layout 8 Banks in a 3-Frame Arrangement SLC-96 Remote Terminal Banks	801-500-150-2	Patch and Cross-Connect Frame in 9-0 Cable Duct Framework
Sheet 1 Issue *1		Sheet 1 Issue 2	
		2	1
801-450-104-5	S9CB-1 8 Banks in a 3-Frame Arrangement SLC-96 Remote Terminal Banks	801-500-150-4	DSX-1 Cross-Connect Frame for Digital Transmission Systems With Between Frame Filler Plates
Sheet 1 Issue *2		Sheet 1 Issue *3	
2		2	*5
3			
801-450-104-6	S9CB-2 8 Banks in a 3-Frame Arrangement SLC-96 Remote Terminal Banks	801-500-150-5	DSX1, DSX1C, DSX2 or DSXA Patch and Cross-Connect Frame in 11-6 Cable Duct Framework
Sheet 1 Issue *1		Sheet 1 Issue *2	
2		2	1
3			
801-450-104-7	S9CB-3 8 Banks in a 3-Frame Arrangement SLC-96 Remote Terminal Banks	801-500-150-6	DSX1, DSX1C, DSX2 or DSXA Patch and Cross-Connect Frame in 9-0 Cable Duct Framework
Sheet 1 Issue *2		Sheet 1 Issue *2	
2		2	1
3			
801-450-104-8	Customer Premises Frame Arrangement AC Powered 7' Frame SLC-96 Remote Terminal Banks	801-500-150-7	DSX-1 Cross-Connect Frame for Digital Transmission Systems Without Between Frame Filler Plates
Sheet 1 Issue *1		Sheet 1 Issue *3	
2		2	*4
		801-500-150-8	DSX-1, ESS Frame for Digital Transmission Systems Without Between Frame Filler Plates
		Sheet 1 Issue *2	
		2	*3

801-500-150-9	DSX-2 Cross-Connect Frame for Digital Transmission Sys- tems With Between Frame Filler Plates	801-500-152-1	Digital Access and Cross- Connect System Terminal
Sheet 1 Issue *1		Sheet 1 Issue *2	
2 *1		2 *2	
		3 *2	
801-500-150-10	DSX-A Cross-Connect Frame for Digital Transmission Sys- tems With Between Frame Filler Plates	801-500-155-1	Terminal Assembly (-48V) Typical Floor Plan Optical Order Channel and Alarm Telemetry System
Sheet 1 Issue *1		Sheet 1 Issue *1	
2 *1		2 *1	
801-500-150-11	DSX-1C Cross-Connect Frame for Digital Transmis- sion Systems With Between Frame Filler Plates	801-500-155-2	Terminal Assembly (-24V) Typical Floor Plan Optical Order Channel and Alarm Telemetry System
Sheet 1 Issue *1		Sheet 1 Issue *1	
2 *1		2 *1	
801-500-150-12	DSX-2 Cross-Connect Frame for Digital Transmission Sys- tems Without Between Frame Filler Plates	801-500-155-3	Line Assembly (-48V) Typi- cal Floor Plan Optical Order Channel and Alarm Teleme- try System
Sheet 1 Issue *1		Sheet 1 Issue *1	
2 *1		2 *1	
801-500-150-13	DSX-A Cross-Connect Frame for Digital Transmission Sys- tems Without Between Frame Filler Plates	801-500-155-4	Line Assembly (-24V) Typi- cal Floor Plan Optical Order Channel and Alarm Teleme- try System
Sheet 1 Issue *1		Sheet 1 Issue *1	
2 *1		2 *1	
801-500-150-14	DSX-1C Cross-Connect Frame for Digital Transmis- sion Systems Without Be- tween Frame Filler Plates	801-505-153-1	D3 Channel Bank 11' 6" Bay
Sheet 1 Issue *1		Sheet 1 Issue 1	
2 *1		2 1	
801-500-150-15	DSX-2 Frame for Digital Transmission Systems With- out Frame Filler Plates	801-505-153-2	D3 Channel Bank 9' Bay
Sheet 1 Issue *2		Sheet 1 Issue 1	
2 *3		2 1	
801-500-150-16	DSX-A Frame for Digital Transmission Systems With- out Between Frame Filler Plates	801-505-153-3	D3 Channel Bank 7' Bay
Sheet 1 Issue *2		Sheet 1 Issue 1	
2 *1		2 1	
801-500-150-17	DSX-1C ESS Frame for Dig- ital Transmission Systems Without Between Frame Fil- ler Plates	801-505-155-1	Common Systems D4 Channel Banks
Sheet 1 Issue *1		Sheet 1 Issue 1	
2 *3			
801-500-151-1	DSX-3 Cross-Connect Frame for Digital Transmission Sys- tems	801-505-155-2	Common Systems D4 Channel Banks
Sheet 1 Issue *3		Sheet 1 Issue 1	
2 *2			
801-500-151-2	DSX-4 Cross-Connect Frame for Digital Transmission Sys- tems	801-505-155-3	Common Systems D4 Channel Banks
Sheet 1 Issue *1		Sheet 1 Issue 1	
2 *1			
801-500-151-3	DSX-3 Cross-Connect Frame for Digital Transmission Sys- tems	801-505-155-4	Common Systems D4 Channel Banks
Sheet 1 Issue *1		Sheet 1 Issue 1	
2 *1			
		801-505-156-1	Digital Carrier Trunk in Mode 1 Operation 10 Bank Frames Plus No. 1/1A ESS
		Sheet 1 Issue *2	
		2 *2	

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801-505-156-2	Digital Carrier Trunk in Sheet 1 Issue *1 2 *1	Mode 2 Operation 10 Bank Frames Plus No. 1/1A ESS	801-515-001-1	LT-1B Facility Connector Sheet 1 Issue *1 2 *1	Frame
801-505-156-3	Digital Carrier Trunk in Sheet 1 Issue *1 2 *1	Mode 3 Operation 10 Bank Frames Plus No. 1/1A ESS	801-515-001-2	LT-1B Facility Connector Sheet 1 Issue *1 2 *1	Frame
801-505-156-4	Digital Carrier Trunk in Sheet 1 Issue *1 2 *1	Mode 4 Operation 10 Bank Frames Plus No. 1/1A ESS	801-515-001-3	LT-1B Facility Connector Sheet 1 Issue *1 2 *1	Frame
801-505-157-1	D4 Channel Bank Sheet 1 Issue *2	Unitized 11-6 Frame Without -72V Power Supply	801-523-152-1	T4M Digital Line Span Ter- Sheet 1 Issue 1 2 1	minating Frame for up to Six 2-Way T4M Lines
801-505-157-2	D4 Channel Bank Sheet 1 Issue *2	Unitized 11-6 Frame With -72V Power Supply	801-523-152-2	T4M Digital Line Span Ter- Sheet 1 Issue 1 2 1	minating Frame for up to Six 2-Way T4M Lines
801-505-157-3	D4 Channel Bank Sheet 1 Issue *2	Unitized 9-0 Frame Without -72V Power Supply	801-523-153-1	Common Systems TIC/TI Sheet 1 Issue *3	Carrier System Office Re- peater Bay
801-505-157-4	D4 Channel Bank Sheet 1 Issue *2	Unitized 9-0 Frame With -72V Power Supply	801-523-153-2	11' 6" DSX Dedicated Office Sheet 1 Issue *4 2 *4	Repeater Bay TIC/TI Carrier System
801-505-157-5	D4 Channel Bank Sheet 1 Issue *1	Unitized 7-0 Frame Without -72V Power Supply	801-523-153-3	Common Systems TIC/TI Sheet 1 Issue *3	Carrier System — Office Repeater Bay
801-505-157-6	D4 Channel Bank Sheet 1 Issue *1	Unitized 7-0 Frame With -72V Power Supply	801-523-153-4	Common Systems TIC/TI Sheet 1 Issue *3	Carrier System — Office Repeater Bay
801-505-157-7	D4 Channel Bank Sheet 1 Issue *1	Unitized 11-6 Frame With Type 4 SMAS	801-523-153-5	Common Systems TIC/TI Sheet 1 Issue *3 2 1 3 1	Carrier System — Office Repeater Bay
801-505-157-8	D4 Channel Bank Sheet 1 Issue *1	Unitized 9-0 Frame With Type 4 SMAS	801-523-153-6	Common Systems TIC/TI Sheet 1 Issue *1	Carrier System — Office Re- peater Bay
801-505-157-9	D4 Channel Bank Sheet 1 Issue *1	Unitized 7-0 Frame With Type 4 SMAS	801-523-156-1	Line and Terminal Equip- Sheet 1 Issue 1 2 1 3 1	ment T1/OS Digital Trans- mission System 11-6 Span Terminating Bay

801-523-156-2	Line and Terminal Equip-	801-525-156-5	Line Repeater Frame (-48V)
Sheet 1 Issue 1	ment T1/OS Digital Trans-	Sheet 1 Issue *3	and Typical Floor Plans FT3
2	mission System 9-0 Span Ter-	2	Lightwave Digital Transmis-
3	minating Bay	3	sion System
		4	
		5	
801-523-156-3	Line and Terminal Equip-	801-525-156-6	Line Repeater Frame (-24V)
Sheet 1 Issue 1	ment T1/OS Digital Trans-	Sheet 1 Issue *3	and Typical Floor Plan FT3
2	mission System 7-0 Span Ter-	2	Lightwave Digital Transmis-
3	minating Bay	3	sion System
801-523-156-4	Line and Terminal Equip-	801-525-156-7	Line Repeater Frame (140V)
Sheet 1 Issue 1	ment T1/OS Digital Trans-	Sheet 1 Issue *3	and Typical Floor Plan FT3
2	mission System 11-6 Span	2	Lightwave Digital Transmis-
3	Terminating Bay With Pro-	3	sion System
4	teCTOR Panel		
801-523-156-5	Line and Terminal Equip-	801-525-156-8	MX3 Lightwave Terminating
Sheet 1 Issue 1	ment T1/OS Digital Trans-	Sheet 1 Issue *1	Frame Group FT3 Lightwave
2	mission System 9-0 Span Ter-	2	Digital Transmission System
3	minating Bay With Protector		
4	Panel	801-525-156-9	MX3 Function Frame
801-523-156-6	Line and Terminal Equip-	Sheet 1 Issue *2	(+140V) FT3 Lightwave Dig-
Sheet 1 Issue 1	ment T1/OS Digital Trans-	2	ital Transmission System
2	mission System 7-0 Span Ter-	801-525-156-10	MX3 Function Frame (-48V)
3	minating Bay With Protector	Sheet 1 Issue *2	FT3 Lightwave Digital Trans-
4	Panel	2	mission System
801-525-153-1	Digital Transmission Facili-	801-525-156-11	MX3 Function Frame (-24V)
Sheet 1 Issue 2	ties M34 Digital Multiplex	Sheet 1 Issue *2	FT3 Lightwave Digital Trans-
2		2	mission System
801-525-154-1	M13 Digital Multiplex Frame	801-525-156-12	MX3 Lightwave Monitor and
Sheet 1 Issue 1		Sheet 1 Issue *1	Control Frame (-48V) FT3
2		2	Lightwave Digital Transmis-
801-525-156-1	MX3 Lightwave Terminating		sion System
Sheet 1 Issue *2	Multiplex Assembly (-48V)	801-525-156-13	MX3 Lightwave Monitor and
2	(MX3-LTMA) FT3 Lightwave	Sheet 1 Issue *1	Control Frame (-24V) FT3
	Digital Transmission System	2	Lightwave Digital Transmis-
801-525-156-2	MX3 Lightwave Terminating		sion System
Sheet 1 Issue *2	Multiplex Assembly (-24V)	801-525-156-14	MX3 Lightwave Monitor and
2	(MX3-LTMA) FT3 Lightwave	Sheet 1 Issue *1	Control Frame (+140V) FT3
	Digital Transmission System	2	Lightwave Digital Transmis-
801-525-156-3	MX3 Multiplex Assembly		sion System
Sheet 1 Issue *2	(-48V) (MX3-MA) FT3 Light-	801-525-156-15	Line Repeater Frame (-48V)
2	wave Digital Transmission	Sheet 1 Issue *1	and Typical Floor Plans -
	System	2	Equipped With 8A Regenera-
801-525-156-4	MX3 Multiplex Assembly	3	tors - FT3/3C Lightwave
Sheet 1 Issue *2	(-24V) (MX3-MA) FT3 Light-	4	Digital Transmission System
2	wave Digital Transmission	5	
	System		

801-644-152-3	Voice Frequency Transmis-	801-824-150-1	3B30D Control Unit Frame
Sheet 1 Issue *1	sion G Signaling/N4 Carrier/SMAS Unitized Terminal	Sheet 1 Issue *5	
2 *1	Equipment 10-6 High Bay	2 *4	
	With N4 Carrier Supply and	3 *5	
	N4 Fuse and Alarm Panel	4 *6	
801-644-152-4	Voice Frequency Transmis-	801-824-150-2	Control Unit Frame 3B Pro-
Sheet 1 Issue *1	sion G Signaling/N4 Carrier/SMAS Unitized Terminal	Sheet 1 Issue *1	cessor for ESS Applications
2 *1	Equipment 10-6 High Bay		
	Without N4 Carrier Supply	801-824-150-3	3B20D Control Unit Frame
	and N4 Fuse and Alarm Panel	Sheet 1 Issue *1	for No. 5 ESS Applications
801-644-152-5	Voice Frequency Transmis-	801-824-151-1	3B20D Peripheral Control
Sheet 1 Issue *1	sion G Signaling/N4 Carrier/SMAS Unitized Terminal	Sheet 1 Issue *5	Frame
2 *1	Equipment 9-0 High Bay	2 *6	
	With N4 Carrier Supply and	801-824-151-2	3B20D Peripheral Control
	N4 Fuse and Alarm Panel	Sheet 1 Issue *3	Frame
801-644-152-6	Voice Frequency Transmis-	2 *2	
Sheet 1 Issue *1	sion G Signaling/N4 Carrier/SMAS Unitized Terminal	801-824-151-3	3B20D Peripheral Control
2 *1	Equipment 9-0 High Bay	Sheet 1 Issue *2	Frame for No. 5 ESS Applica-
	Without N4 Carrier Supply		tions
	and N4 Fuse and Alarm Panel	801-824-152-1	3B20D Moving Head Disk/In-
801-644-152-7	Voice Frequency Transmis-	Sheet 1 Issue *6	verter Frame
Sheet 1 Issue *1	sion G Signaling/N4 Carrier/SMAS Unitized Terminal	2 *6	
2 *1	Equipment 7-0 High Bay	3 *5	
	With N4 Carrier Supply and	4 *1	
	N4 Fuse and Alarm Panel	801-824-152-2	Moving Head Disk 3B Proces-
801-644-152-8	Voice Frequency Transmis-	Sheet 1 Issue *1	sor for No. 5 ESS Applica-
Sheet 1 Issue *1	sion G Signaling/N4 Carrier/SMAS Unitized Terminal	2 *1	tions
2 *1	Equipment 7-6 High Bay	801-824-152-3	3B20D Moving Head Disk/In-
	Without N4 Carrier Supply	Sheet 1 Issue *1	verter Frame
	and N4 Fuse and Alarm Panel	2 *1	
801-644-152-9	Voice Frequency Transmis-	801-824-154-1	3B Maintenance Frame Com-
Sheet 1 Issue *1	sion G Signaling/N4 Carrier/SMAS Unitized Terminal	Sheet 1 Issue 1	mon System
2 *1	Equipment 7-0 High Bay		
	With N4 Fuse and Alarm	801-824-155-1	3B20D Tape Unit Frame
	Panel	Sheet 1 Issue *4	
801-801-162-1	Common Systems CCIS Data	2 *1	
Sheet 1 Issue *3	Set Frame (2048)	801-824-157-1	3B20D Input/Output Frame
		Sheet 1 Issue *3	
801-820-161-1	SPC No. 1B Peripheral Sys-	2 *1	
Sheet 1 Issue 2	tem Interface Frame Com-	801-824-158-1	3B20D Disk File Control
	mon Systems	Sheet 1 Issue *3	Frame
		2 *1	
		801-824-160-1	3B20D Enclosed Peripheral
		Sheet 1 Issue *1	Control Frame for No. 5 ESS
			Applications

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801-824-161-1	3B20D Moving Head Disk for No. 5 ESS Applications	802-195-155-7	Power Distributing Frame -24V Battery 18" Frame
Sheet 1 Issue *1		Sheet 1 Issue *2	
2 *1		2 *1	
802-034-151-1	AC Reserve Energy System Controller for Automatic Paralleling and Load Man- agement	802-195-155-8	Power Distributing Frame 24V Battery 24" Frame
Sheet 1 Issue 1		Sheet 1 Issue *2	
2 1		2 *1	
3 1			
802-036-150-1	Triport 108V AC/48V DC In- put 208V AC, 5.6 KVA Output	802-195-155-9	Power Distributing Frame -48V Converter Plant 12" Frame
Sheet 1 Issue 1		Sheet 1 Issue *2	
2 1		2 *1	
802-036-151-1	Triport 208V AC/48V DC In- put 120/208V AC Output	802-195-155-10	Power Distributing Frame -48V Converter Plant 18" Frame
Sheet 1 Issue 1		Sheet 1 Issue *2	
2 1		2 *1	
802-036-151-2	Transformer Cabinet 208V AC Input 120/208V AC Out- put	802-195-155-11	Power Distributing Frame -48V Converter Plant 24" Frame
Sheet 1 Issue 1		Sheet 1 Issue *2	
		2 *1	
802-036-155-1	Triport UPS-208V AC/48V DC Input - 208V AC, 5.6KVA 60 Hz Single Phase Output	802-195-155-12	Power Distributing Frame 24V Converter Plant 12" Frame
Sheet 1 Issue *1		Sheet 1 Issue *1	
2 *1		2 *1	
802-036-156-1	Triport UPS-208V AC/48V DC Input - 120V AC, 5.6KVA 60 Hz Single Phase Output	802-195-155-13	Power Distributing Frame 24V Converter Plant 18" Frame
Sheet 1 Issue *1		Sheet 1 Issue *2	
2 *1		2 *1	
802-195-155-1	DC Power Distributing Frame (24" Deep)	802-195-155-14	Power Distributing Frame 24V Converter Plant 24" Frame
Sheet 1 Issue 1		Sheet 1 Issue *2	
2 1		2 *1	
802-195-155-2	DC Power Distributing Frame (18" Deep)	802-195-155-15	Power Distributing Frame -48V Battery 21" Cabinet
Sheet 1 Issue 1		Sheet 1 Issue *1	
2 1		2 *1	
802-195-155-3	Power Distributing Frame -48V Battery 12" Frame	802-230-154-1	670 Converter Power Plant +130V or -130V DC, 10.0 Am- peres Output -24V DC Input
Sheet 1 Issue *1		Sheet 1 Issue 1	
2 *1		2 1	
802-195-155-4	Power Distributing Frame -48V Battery 18" Frame	802-444-160-1	Power Systems Rectifier 208/240 220/240 480V 60 H2
Sheet 1 Issue *2		Sheet 1 Issue 1	
2 *1			
802-195-155-5	Power Distributing Frame -48V Battery 24" Frame	802-446-163-1	Power Systems Rectifier 208/240 220/240 480V 60 H2
Sheet 1 Issue *2		Sheet 1 Issue 1	
2 *1			
802-195-155-6	Power Distributing Frame 24V Battery 12" Frame	802-669-150-1	130A Power Plant Originat- ing Bay 24V DC, 70A Output
Sheet 1 Issue *2		Sheet 1 Issue 1	
2 *1		2 1	

802-669-150-2 Sheet 1 Issue 1	130A Power Plant Supplementary Bay 24V DC 70A Output	802-670-150-3 Sheet 1 Issue *3 2 *3	132A Power Plant Typical Floor Plan Layout With Equipment Located Within Building Bay
802-669-150-3 Sheet 1 Issue 1	130A Power Plant Typical Floor Plan Layout With Equipment Located Against Wall	802-670-150-4 Sheet 1 Issue 2 2 1	132A Power Plant Typical Floor Plan Layout With Equipment Located Within Building Bay
802-669-160-1 Sheet 1 Issue 1 2 1	131A Power Plant Originating Bay 48V DC, 70A Output	802-670-150-5 Sheet 1 Issue *1 2 *1	132A Power Plant Typical Floor Plan Layout With Equipment Located Within Building Bay Using Metal Battery Stands
802-669-160-2 Sheet 1 Issue 1	131A Power Plant Supplementary Bay 48V DC, 70A Output	802-670-151-1 Sheet 1 Issue *2 2 *2	132B Power Plant Originating Bay 24V DC Output
802-669-160-3 Sheet 1 Issue 1	131A Power Plant Typical Floor Plan Layout With Equipment Located Against Wall	802-670-151-2 Sheet 1 Issue *2 2 *2	132B Power Plant Supplementary Bay 24V DC Output
802-669-161-1 Sheet 1 Issue 1	131B Battery Power Plant Originating Bay 48V DC Output	802-670-151-3 Sheet 1 Issue *2 2 *2	132B Power Plant Typical Floor Plan Layout With Equipment Located Against Wall
802-669-161-2 Sheet 1 Issue 1	131B Battery Power Plant Supplementary Bay 48V DC Output	802-670-151-4 Sheet 1 Issue *1 2 *1	132B Power Plant Typical Floor Plan Layout With Equipment Located Against Wall Using Metal Battery Stands
802-669-162-1 Sheet 1 Issue *2 2 *2	131C Battery Power Plant Originating Bay 48V DC Output	802-670-160-1 Sheet 1 Issue 2	133A Power Plant Originating Bay 48V DC Output
802-669-162-2 Sheet 1 Issue *2	131C Battery Power Plant Supplementary Bay 48V DC Output	802-670-160-2 Sheet 1 Issue 2	133A Power Plant Supplementary Bay 48V DC Output
802-669-162-3 Sheet 1 Issue *1 2 *1	131D Battery Power Plant Originating Bay 1 48V DC, 70A Output	802-670-160-3 Sheet 1 Issue 2 2 2	133A Power Plant Typical Floor Plan Layout With Equipment Located Within Building Bay
802-669-162-4 Sheet 1 Issue *1	131D Battery Power Plant Originating Bay 2 48V DC, 70A Output	802-670-160-4 Sheet 1 Issue 2	133A Power Plant Typical Floor Plan Layout With Equipment Located Against Wall
802-669-162-5 Sheet 1 Issue *1	131D Battery Power Plant Supplementary Bay 48V DC, 70A Output	802-670-161-1 Sheet 1 Issue 1	133B Power Plant Originating Bay 48V DC Output
802-670-150-1 Sheet 1 Issue 2	132A Power Plant Originating Bay 24V DC Output		
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120	1	Toll Systems Microwave Radio TH-3 Radio Medium Haul J68423C Order Wire and Alarm Bay	135	1	L-Type Multiplex — A6 Channel Bank
121	1	Toll Systems Microwave Radio TH-3 Radio Medium Haul J68423D Switch and WLEL Bay	136	3	Microwave Radio — 400A Protection Switching System
122	1	Toll Systems Microwave Radio Frequency Diplexed Auxiliary Channel J68422A Terminal/Main Station Bay	137	2	Microwave Radio — 1A-Radio Digital Terminal Bay
123	1	Toll Systems Microwave Radio Frequency Diplexed Auxiliary Channel J68422B Repeater Station Bay	138	1	Microwave Radio 400B Protection Switching System
124	1	L-Type Multiplex L600A, L1860A Transmitting and Receiving Bays in Single Line — Cable Duct Type Bay Equipment (Unequal Flange to Equal and Unequal Flange)	139	1	Microwave Radio 1A-Radio Digital Terminal Bay
125	1	L-Type Multiplex L600A, L1860A LMX1 Bays in Line With LMX2 Bays — Cable Duct Type Bay Equipment (Unequal Flange)	140	2	Microwave Radio 1A-Radio Digital System Message-Data Combiner and Di-Group Connector Bay for Use With TH-1 Radio THAS-FM Switching

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141	2	Microwave Radio 1A-Radio Digital System Message-Data Combiner and Di-Group Connector Bay for Use With TH-1 Radio THAS-FM Switching
142	2	Microwave Radio 1A-Radio Digital System Message-Data Combiner and Di-Group Connector Bay for Use With 200A or FMAS Switching System
143	2	Microwave Radio 1A-Radio Digital Terminal Bays
144	5	TN-1 Radio-Transmitter/Receiver Bay
145	1	Toll Systems Mastergroup Translator Equipment Unequal Flange Cable Duct Type Single Bay Equipment
146	1	LMD Equipment Bays in Single Line Unequal Flange Cable Duct Type Bay Equipment
157	1	3A Radio Digital System (3A-RDS) Radio Line Terminating Frames (RLTF)

Section 3.5 — Television Systems

1	1	A2 Video Amplifier Bays
2	1	TV Program Switching

Section 3.9 — Floor Layouts (Tool)

1	3	Toll Repeater Office — Terminal Room — Per AT&T Drawing WT 2226
3	2	Repeater Office in Building With No. 11 Switchboard — Equipment Layout per AT&T Drawings WT 2417 and WT 2418
5	2	Repeater Office in Building With No. 11 Switchboards — Equipment Layout per AT&T Drawings WT 2420 and WT 2421
6	1	Toll Repeater Office — Repeater Office per AT&T Drawing WT 2422

SH	ISS	SUBJECT
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SECTION 4 — DIAL — PANEL

Section 4.1 — Major Selector and Sender Frames

Section 4.1.1 — Line Finder Frames

1	2	Line Finder Frame — 28-Line Group for Use With Sender Selectors
2	2	Line Finder Frame — 40-Selector Group for Use With Sender Selector
3	2	Line Finder Frames — 60-Selector Group for Use With Sender Selectors
4	2	Line Finder Frame — 80-Selector Group for Use With Sender Selectors
9	4	Line Finder Frame for 80-Line Units

Section 4.1.2 — Selector Frames

1	1	Translator Frame With Lamp and Cross-Connecting Units
3	1	District Frame — 2-Party Message Rate for Use With Sender Selectors
4	3	Selector Frame
5	1	Office Frame — 3-Wire
6	1	Final Frame
7	4	District Frame — Zone and Overtime Registration

Section 4.1.3 — Sender Frames

1	1	Local Sender Frame — Unit Type
2	1	B Sender Frame
3	1	Subscriber Send Frame — Unit Type — 3-Digit Office Code

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SH	ISS	SUBJECT
5	1	Subscribers Sender Frame — 2 Digit, 44 Office Code
6	1	Subscriber Sender Frame — 2 and 2-3 Digit, 88 Office Frame
7	3	Local Test Desk Sender Frame
8	3	Subscribers Decoder Sender Frame for 3 and 3-2 Digit Offices
9	2	Call Distributing B Sender Frame
10	2	Sender Frame — Tandem Office
11	2	Subscribers Sender Frame — 2 Digit, 44 Office Code — Arranged for Calls to Step-by-Step Offices
13	3	Terminating Sender Frame
14	1	Central B Sender and Position Finder Frame
15	1	TOUCH-TONE Converter Frame

Section 4.1.4 — Decoder and Decoder Connector Frames

1	3	Decoder Frame
3	3	Decoder Frame — Tandem Office
4	2	Decoder Connector Frame — Tandem Office
5	1	Decoder Connector Frame

Section 4.1.5 — Link and Sender Selector Frames

1	1	A Position Sender and Link Frame — Unit Type
2	1	B Sender and Link Frame
8	2	Subscribers Link Frame
10	1	Link Frame — Tandem Office

SH	ISS	SUBJECT
11	3	Central or Local Call Distributing B Link Frame

Section 4.2 — Miscellaneous Frames

2	3	Sender Make Busy Frame
3	6	Line Finder, District of Miscellaneous Interrupter Frame, or Interrupter Frame — Tandem Office
4	1	Call Indicator Make Busy Frame
6	3	Message Register Connector Frame
7	2	Step-by-Step Impulser Frame
8	1	Call Announcer Equipment — Tandem Office
9	1	Floor Plan Arrangement of Call Announcer Equipment — Tandem Office
10	3	District Timing Frame
11	1	Telephone Repeater Frame and Associated Equipment — Tandem Office
12	3	Intercepting Trunk Finder Frame
13	1	Timing Frame
14	2	Message Register Relay Frame, 2-Party
15	1	Sender Grouping Frame

Section 4.3 — Test Frames

6	5	District Test Connecting Frame
18	6	Incoming Selector Test Frame
20	5	Final Multiple Test Line Frame
24	3	Decoder Test and Trouble Indicator Frames
25	3	Sender Test Interrupter Frame
26	6	Subscribers Sender Test Frame and Sender Test Frame — Tandem Office

SH	ISS	SUBJECT
28	4	Trouble Recorder Frame — Tandem Office
29	3	Local Test Desk Test Selector Frame
31	4	Office Selector Test Frame — Final Selector Test Frame
32	3	District Selector Test Frame — Tandem Office
33	4	District Selector Test Frame
35	2	Outgoing Trunk Test Board — Frame Mounted
36	2	Stuck Connection Finder Frame
37	2	Call Distributing B Sender and Position Test Frame — Central and Local Operation
38	2	Incoming Selector Off Normal — Detection and Release Frame

Section 4.4 — Frames and Racks

7	6	Fuse Board With Extended Floor Angles
9	3	Relay Rack and Fuse Bay — Angle Type Having Sheet Metal Frame Base

Section 4.5 — Switchboards and Desks

1	6	Chief Switchman's Desk
2	4	Switchman's Desk — Single Sided, Single Pedestal Desk
3	6	Outgoing Trunk Test Board
4	5	Machine Switching A Switchboard — Semimechanical Type
5	7	B Switchboard
7	4	Key Monitoring Desk for Tandem Switchboard

SH	ISS	SUBJECT
8	2	Tandem Switchboard — Tandem Office

Section 4.6 — Miscellaneous

5	3	Floor Alarm Board
7	1	Aisle Dimensions for Single and Double Sided Frames

Section 4.9 — Floor Layouts

1	1	Basement Power Room — Layout per AT&T Drawing WT 2281
2	2	First Floor Terminating Frames — Two Units Equipped — Layout per AT&T Drawing WT 2282
3	2	First Floor Terminating Frames — Two Units Equipped — Layout per AT&T Drawing WT 2283
4	2	Second Floor Originating Frames — Two Units Equipped — Layout per AT&T Drawing WT 2284
5	2	Third Floor — One Unit Equipped — Layout per AT&T Drawing WT 2285

SECTION 5 — DIAL — STEP-BY-STEP**Section 5.1 — Switchboards and Desks**

1	2	Cordless B Switchboard
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Section 5.2 — Switch Frames

1	4	Selector and Repeater Frames
2	4	Connector Frame
3	5	Primary, Secondary, and Out-Trunk Switch Frames
6	7	Connector Frame and Trunk Finder Frame

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
7	8	Connector Frame with Supplementary Bay	28	6	No. 1 With AMA — No. 1 or 350 With Automatic Ticketing — Thousands Number Frame
8	5	Repeater Frame 11' 6" High	29	2	356A Dial Office — Line Frame
9	7	Selector Frame With Distributing Terminal Assembly	30	1	Outgoing Trunk Frame — No. 1 With AMA
11	7	Miscellaneous Frame	31	1	Identifier Trunk Connector Frame — No. 1 With AMA
13	6	Line Finder Frame — 16- or 20-Line Finders per Group	32	1	No. 1 With AMA — Transverter Frame
14	6	Line Finder Frame — 30-Line Finders per Group	33	1	Sender-Transverter Connector Frame No. 1 With AMA
15	4	B Switchboard Sender Frame	34	1	Identifier Frame — No. 1 With AMA
16	6	B Switchboard Line Frame	36	1	Sender Trunk Connector Frame — No. 1 With AMA
17	3	Line Finder Frame — 10-Line Finders per Group — 2-Party Message Rate Lines	37	1	Sender Frame — No. 1 With AMA
18	5	Selector Frame Without Distributing Terminal Assembly	38	2	Trunk Finder Frame — Automatic Message Accounting
20	1	Switch Frame	39	1	Recorder Frame — No. 1 With AMA
21	6	Rotary Out-Trunk Switch Frame — Automatic Ticketing or Automatic Message Accounting	40	1	Perforator Cabinet — No. 1 With AMA
22	4	Nonticketing Trunk Frame — Automatic Ticketing	41	1	Call Identity Indexer Frame — No. 1 With AMA
23	6	Ticketing Trunk Frame — Automatic Ticketing	42	1	Master Timing Frame — No. 1 With AMA
25	6	Sender Frame — Automatic Ticketing or Automatic Ticketing Modified for AMA	44	1	Universal Switch Frame
26	7	Code Connector Frame — Automatic Ticketing — No. 1 With AMA	45	3	Selector Frame With Distributing Terminal Assembly
27	5	Identifier Frame — Automatic Ticketing	46	2	Decoder Frame — Intertoll Dialing Office — With CAMA
			47	2	Connector and Position Link Frame — 11' 6" — Intertoll Dialing Office — With CAMA

SH	ISS	SUBJECT	SH	ISS	SUBJECT
48	2	Master Timing Frame — 11' 6" — Intertoll Dialing Office — With CAMA	66	2	No. 1, 350A or 355A Offices — Foreign Area Translator — Frames
49	2	Incoming Trunk Frame — 11' 6" — Intertoll Dialing Office — With CAMA	67	2	No. 1 With AMA — Outgoing Trunk and Outpulser Connector Frame
50	2	Transverter Frame — 11' 6" — Intertoll Dialing Office — With CAMA	68	1	Step-by-Step Systems — No. 1 With AMA Outpulser Frame
51	2	Sender Frame — 11' 6" — Intertoll Dialing Office — With CAMA	69	1	Step-by-Step Systems — No. 1 With AMA Outpulser — Identifier Connector Frame
52	2	Recorder Frame — 11' 6" High — Intertoll Dialing Office — With CAMA	71	3	Outgoing Trunk Frame — SXS to ESS No. 1
53	2	Incoming Register and Link Frame — 11' 6" High — Intertoll Dialing Office — With CAMA	72	2	Automatic Number Identification — Type C — Number Network and Identifier Frame
54	3	Multifrequency Receiver Frame — 11' 6" — Intertoll Dialing Office — With CAMA	73	2	Automatic Number Identification — Type C — Outpulser and Test Frame
55	2	No. 1, 350A or 355A Converter Frame — 11' 6" or 9' 0"	74	1	Step-by-Step Systems — No. 1, 350A or 355A Office — With Common Control — Noncontrol Multifrequency Pulsing — Outgoing Trunk Frame
58	2	No. 1, 350A or 355A Office — With Common Control — Translator Connector Frame	75	1	Intertoll Dialing Office With CAMA — Pretranslator and Pretranslator — Connector Frame
59	2	No. 1, 350A or 355A Office — With Common Control — Decoder Connector Frame	76	2	Register Trunk and Link Frame — Step-by-Step Office — With Common Control
60	3	Automatic Number Identification Type B or C Outgoing Trunk Frame With Common Control	77	2	Register Trunk and Link Frames — Step-by-Step Office — With Common Control
61	2	No. 1, 350A or 355A Offices — With Common Control — TOUCH-TONE* Converter With Common Control	78	2	Connector and Position Link Frame — 11' 6" — Intertoll Dialing Office — With CAMA
62	2	No. 1, 350A or 355A Offices — With Common Control — Originating Register and — Outpulsing Controller Frame	79	1	Automatic Intercept Service Outgoing Trunk and Outpulser Connector Frame No. 1 AMA
64	3	No. 1, 350A or 355A Offices — Translator and Decoder Frame	80	1	Outpulser and Outpulser — Identifier Connector Frame No. 1 With AMA
65	5	Register Trunk and Link Frames Office — With Common Control	81	1	Supplementary Decoder Frame — No. 1, 350A or 355A — With Common Control — 11' 6" Framework

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
82	2	Amid Basic Frame and Supplementary Frame Automatic Number Identification Type D	Section 5.4 — Miscellaneous Frames		
83	1	Converter and Link Frames 9' 0" or 11' 6" — TOUCH-TONE Type D Step-by-Step Systems	1	5	Test Panel for Primary and Secondary Line Switch Pickup Lead — 11' 6" High
84	1	Intercept Trunk Frame — To AIS for Use With ANI — Type C and D	3	5	Common Number and Class Frame — Step-by-Step — AMA or Automatic Ticketing
85	1	Local Directory Assistance Trunk Frame Step-by-Step Systems for Use With ANI Type B, C, or D	4	4	Identifier Trunk Connector Frame Automatic Ticketing
86	1	Number Network and Subidentifier Frame ANI — Type E 11' 6" Step-by-Step Systems for Use With CDA	5	1	Day and Hour Frame — Automatic Ticketing
Section 5.3 — Frames and Racks			Section 5.5 — Test Frames		
4	6	Relay Rack — Channel Type — 11' 6" High	2	3	B Sender and Position Test Frame
6	3	Relay Rack — Channel Type — 11' 6" High	6	2	Trouble Recorder Frame — No. 1 With AMA
8	5	Trunk Distributing Frame — Single Sided 1 — 3-1/2 Guard Rail Width	7	2	Automatic Trunk Test Frame — No. 1 With AMA
9	2	Combined Distributing Frame	8	2	Sender, Identifier, Transverter Test Frame — No. 1 With AMA
12	6	Fuse Board With Extended Floor Angles	9	2	Trouble Ticketer and Test Frame Intertoll Dialing Office — With CAMA
13	3	Relay Rack — Channel Type — 11' 6", 9' 10", and 7' 0" With 5" Cable Rack	10	1	Line Insulation Test Frame — No. 1 and 350A Offices
14	4	Fuse Bay — Angle Type Having Angle Type Guard Rail for Cabling through Sleeves in Floor	11	3	Manual Outgoing Trunk — Test Frame
16	2	Single Sided Distributing Frame With Optional Radio Interference Suppression Filters	12	3	Automatic Test Frame — Common Control
17	2	Floor Supported Relay Rack — Bulb Angle Type	13	3	No. 1, 350A or 355A Offices — With Common Control — Manual Test and Trouble Ticketer — Frame
18	3	Relay Rack and Fuse Bay — Angle Type Having Sheet Metal Frame Base	14	2	Manual Outgoing Trunk — Test Frame No. 1 With AMA
			15	1	Step-by-Step Systems — No. 1 With AMA — Trunk Outpulser Test Frame

SH	ISS	SUBJECT	SH	ISS	SUBJECT
17	2	Step-by-Step Systems — No. 1 and 350A — Automatic Outgoing Trunk — Test Frame No. 1, 350A or 355A	17	4	Combined Dial and Toll Office — Fourth Floor — Switch Room — Plan D Layout per AT&T Drawing WT-2261
19	2	Remote Office Test Line — 2 Control Frame SXS No. 1, 350A, 355A, 35E97, and Intertoll Dialing Office	20	1	Branch Office — Approximately 500 Terminals Ultimate
20	2	Remote Office Test Line — 2-Trunk Access Frame SXS No. 1, 350A, 355A, 35E97 and Intertoll Dialing Office	21	1	Branch Office — Approximately 1000 Terminals Ultimate
Section 5.6 — Equipment			23	2	350-A Dial Office — Approximately 1000 Terminals Ultimate
1	5	Clearance at Columns — Automatic Ticketing for No. 1 With AMA	24	5	355-A Dial Office — 400 Line Office — Double Sided Combination Distributing Frame
Section 5.9 — Floor Layouts (Step-By-Step)			25	6	355-A Dial Office — 800 Line Office
1	4	360-A Dial Office — Approximately 600 Terminals Ultimate — Equipment Layout per AT&T Drawing WT-2407	26	6	355-A Dial Office — 1500 Line Office
2	2	350-A Dial Office — Approximately 1500 Terminals Ultimate — Layout per AT&T Drawing WT-2408	27	6	Pre-Engineered 355-A Dial Office — 200 to 600 Line Office
3	3	350-A Dial Office — Approximately 2500 Terminals Ultimate — Equipment Layout per AT&T Drawing WT-2409	29	3	355-A Dial Office — 400 Line Office — Single Sided Combination Distributing Frame
13	1	Combined Dial and Toll Office — Basement — Power Room — Plan D Layout per AT&T Drawing WT-2257	31	1	Typical Location of Step-by-Step Frame Lineup With 18' 6" Column Spacings
14	3	Combined Dial and Toll Office — First Floor — Repeater Equipment — Plan D Layout per AT&T Drawing WT-2258	SECTION 6 — PRIVATE BRANCH EXCHANGES		
15	3	Combined Dial and Toll Office — Second Floor — Switch Room — Plan D Layout per AT&T Drawing WT-2259	Section 6.1 — Switchboards and Desks		
16	3	Combined Dial and Toll Office — Third Floor — Operating Room — Plan D Layout per AT&T Drawing WT-2260	1	5	500-C 30 Line PBX Switchboard
			2	5	550-C 80 Line PBX Switchboard
			3	6	550-C 320 Line PBX or 700-C Nonmultiple Switchboard
			4	7	600-C Manual or 700-C PBX Switchboard
			5	5	No. 604-C Multiple PBX Switchboard
			6	3	No. 551-A PBX Nonmultiple Switchboard

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
7	6	551-B or 552-A PBX Nonmultiple Switchboard	18	3	740C PBX
8	4	551-D PBX Multiple Switchboard	19	3	No. 755A PBX
9	4	PBX Switchboard No. 605A	20	2	740A PBX
11	3	PBX Switchboard No. 554-A	21	2	740B PBX
12	2	No. 606-A PBX Switchboard	22	1	740C PBX
15	2	554-C PBX Nonmultiple Switchboard	23	1	740D PBX
16	1	552 PBX Multiple Switchboard	26	3	740E PBX — Switch Frame and Distributing Frame
17	1	No. 555 PBX Nonmultiple Switchboard	27	1	No. 756A PBX
18	1	Nonmultiple Switchboard	28	1	701B or 711B PBX — Floor Supported Switch Frame — Universal Type
19	1	Multiple Switchboard	29	1	701B or 711B PBX — Floor Supported Switch Frame — Frame Relay Type
Section 6.2 — Frames and Racks					
1	5	700-C PBX — Line Switch Frame	30	1	701B or 711B PBX — Floor Supported Relay Rack — Bulb Type
2	5	700-C PBX — Selector Frame — 100 Selector Capacity	31	1	701A, 701B, 711A or 711B PBX — Floor Supported Relay Rack — Bulb Angle Type
3	5	700-C PBX — Selector Frame — 200 Selector Capacity	33	1	701B or 711B PBX — Battery Stand — 100 Type Power Plants
6	4	702-A PBX — Line Frame — 16 or 20 Line Finders Per Group	34	1	701B or 711B PBX — Combine Distributing Frame
7	4	702-A PBX — Line Finder Frame — 30 Line Finder Per Group	35	1	701B or 711B PBX — Combine Distributing Frame
11	3	No. 701-A, 711-A PBX and 360-A Dial Offices — Line Relay Rack and Miscellaneous Relay Rack	36	1	No. 800A
12	4-D	PBX Systems — No. 701A and 711A PBX and 360A Dial Offices — Switch Frame	38	1	No. 757A PBX
13	5-D	PBX Systems — 701A and 711A PBX — and 360A Dial Offices — Line and Miscellaneous Relay Rack	39	1	No. 701PK PBX
15	2	No. 554C PBX — Relay Rack	40	1	Switching System No. 400 — Station Systems
			41	1	PBX Systems — Centrex for No. 1 ESS-2W

SH	ISS	SUBJECT	SH	ISS	SUBJECT
43	1	PBX System — 558A PBX			
44	3	PBX Systems — No. 801A	8	3	740E PBX — 3 Digits With Nonmultiple Manual Switchboard and Small Power Plant
45	2	PBX Systems — No. 770A			
46	1	Floor Plan Data — No. 805A PBX	9	1	740E PBX — 3 Digits With Multiple Manual Switchboard
47	2	PBX Systems 812A PBX	10	4	701B or 711B PBX — Nonmultiple Attendant Switchboard or Multiple Attendant Switchboard — 552A or 552D Switchboard, 200
48	1	812A PBX			
49	1	812A PBX	11	3	Nonmultiple Attendant Switchboard — or Multiple Attendant Switchboard — 552A or 552D Switchboard, 200 Terminals Ultimate — 111 Type Power Plant
50	1	812A PBX			
51	1	812A PBX	12	4	701B or 711B — Nonmultiple Attendant Switchboard of Multiple Attendant Switchboard — 552A or 552D Switchboard, 400 Terminals Ultimate — 105 Type Power Plant
Section 6.3 — Miscellaneous					
1	5	No. 600-C PBX — Relay Cabinet			
Section 6.9 — Floor Layouts (PBX)			13	2	701B or 711B PBX — Nonmultiple Attendant Switchboard or Multiple Attendant Switchboard 552A or 552D Switchboard, 400 Terminals Ultimate — 111 Type Power Plant
1	7	No. 701-A PBX With Nonmultiple Manual Switchboard — Approximately 400 Terminals Ultimate — Equipment Layout per AT&T Drawing WT-2413			
2	10	No. 701-A With Multiple Manual Switchboard or 711-A PBX — 1200 Terminals Ultimate — Equipment Layout Made From AT&T Drawing WT-2414			
3	9	No. 701-A With Multiple Manual Switchboard or 711-A PBX Alternative Plan — 1200 Terminals Ultimate — Equipment Layout Made From AT&T Drawing WT-2415			
5	3	740E PBX — 2 Digits With Nonmultiple Manual Switchboard			
6	3	740E PBX — 3 Digits With Multiple Manual Switchboard			
7	3	740E PBX — 2 Digits With Nonmultiple Manual Switchboard and Small Power Plant			
SECTION 7 — EQUIPMENT COMMON TO MORE THAN ONE SYSTEM					
Section 7.1 — Frames and Racks					
	2	7	Main Distributing Frame — Panel and Step-by-Step Systems		
	9	7	Main Distributing Frame		
	10	4	Main Distributing Frame — 900 Jumper Supporting Framework		
	11	5	District, Office or Trunk Distributing Frame — Panel and Step-by-Step Equipment		
	12	7	Intermediate Distributing Frame		
	13	9	Traffic Register Rack With and Without Casing — Unit Type		

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
16	5	Distributing Frame — Floor Type — 7' 0" High	38	2	Traffic Register and Relay Rack in Switch Room
18	5	Combined Distributing Frames	39	2	Traffic Usage Recorder Frame
19	6	Protector Frame — Floor Plan Data — Double Sided Floor Type	40	1	Miscellaneous Relay Rack — Floor Supported Angle Type With Base Angles
20	2	Main Distributing Frame Used With Protector Frame	41	1	Auxiliary Sender Frame — Direct Distance Dialing
21	7	Message Register Rack	42	3	Auxiliary Sender Link Frame — Direct Distance Dialing
22	3	Link Frame for Use With Key Pulsing — Toll Switchboard No. 3 or Step-by-Step A Switchboard	43	5	Impedance Compensator — E2, E3, and E6 Telephone Repeaters — On Angle Type Relay Rack — Having Sheet Metal Frame Base
23	3	Key Pulsing Sender and Sender Test Frame for Use With Key Pulsing Toll No. 3 or Step-by-Step A Switchboard	44	1	Announcement Machine Bay With KS-16534, L1 Recorder-Reproducer
26	9	Main Distributing Frame	45	3	Identifier Frame Automatic Number Identification
27	2	Combined Distributing Frames — Narrow Type — 9' 0" and 11' 6" High	47	4	Outpulser Frame — Automatic Number Identification
28	4	Intermediate Distributing Frame	48	5	ANI Trunk Frame — Automatic Number Identification
29	5	Main Distributing Frame — Used With Protector Frame	49	5	Number Network — "X" Number Network and — Miscellaneous Number Network-Frames — Automatic Number Identification
30	1	Distributing Frame — Single Sided — For Use With 6' 9" and 7' 0" Frames	50	2	Outpulser — Identifier — Trunk Test Frame — Automatic Number Identification
31	4	Combined Distributing Frames — Narrow Type — 9' 0" and 11' 6" High	51	2	Trouble Ticketer Frame — Automatic Number Identification
32	6	Combined Distributing Frames — Wide Type — 9' 0" and 11' 6" High	53	2	Code Compressor Frame — 6-Digit Translation
33	3	Multifrequency Pulsing Receiving Frames	54	3	Code Compressor — Connector Frame — 6-Digit Translation
34	3	Distributing Frame — Floor Plan Data — Single Sided — Arranged for Radio Filters — 7' 0" and 9' 0" Frames	55	2	Subscriber Sender — Recycle Frame — 6-Digit Translation
36	3	Dial Coin Zone Trunk Frame			
37	5	Traffic Register Cabinet in Operating Room or in Switchroom			

SH	ISS	SUBJECT	SH	ISS	SUBJECT
56	1	Crossbar No. 1 and Panel — RC Grouping Frame — 6-Digit Translation	71	1	Tandem Office — Position Control Frame
57	1	Crossbar No. 1 and Panel — 3-Digit Individual Translator Frame — 6-Digit Translation	72	2	Tandem Office — Link Controller Frame — Traffic Service Position 100A
58	1	Crossbar No. 1 and Panel — 3-Digit Connector Frame — 6-Digit Translation	73	2	Tandem Office — Link and Connector Frame — Traffic Service Position 100A
59	1	Crossbar No. 1 and Panel — Foreign Area — Translator Frame — 6-Digit Translation	74	3	Tandem Office — Link and Connector Supplementary Frame — Traffic Service Position 100A
60	1	Line Concentrator No. 1A	75	2	Tandem Office — Coin Charge Computer Time
62	4	V4 Telephone Repeaters — D1 Channel Bank for T1 Carrier — On Angle Type Relay Rack — Having Sheet Metal Frame Base	76	2	Tandem Office Rater Frame
63	1	Single Sided Bays — In Back-to-Back Lines — Channel Type Bay Equipment	77	2	Tandem Office Rater Supplementary Frame
64	1	Concentrating Frames for Coin Zone Outgoing Trunks	78	2	Tandem Office Rater Charge Computer Test Frame
65	2	Line Concentrator Remote — Frame for Mounting No. 1A — Remote Unit in a Central Office	79	2	Tandem Office — Trunk Finder Frame Traffic Service Position 100A
66	2	N2 Carrier Equipment — On Angle Type Relay Rack — Having Sheet Metal Frame Base	80	2	Tandem Office — Position Control — Control Signaling Frame
67	2	Common Control Equipment Frame J1 Control Terminal Personal Signaling System No. 1A (MFR DISC)	81	2	Tandem Office — Position Signaling Frame
68	2	Transmitter Control Frame J1 Control Terminal Personal Signaling System No. 1A (MFR DISC)	82	1	Auxiliary Sender Line Frame — With Auxiliary Sender Line Extension Frame — Direct Distance Dialing
69	2	Announcer Frame J1 Control Terminal Personal Signaling System No. 1A (MFR DISC)	83	1	Tandem Office — Rater Computer Test Frame
70	2	First and Second Supplementary Frames J1 Control Terminal Personal Signaling System No. 1A (MFR DISC)	84	1	Tandem Office — Position Signaling Frame 6' 10-1/2" High, 2' 8-1/8" Long
			85	1	Tandem Office — Position Display Frame — 6' 10-1/2" High, 20-5/8" Long
			86	2	Common Systems — Tandem Office — Position Display Frame

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
87	3	Common Systems — Tandem Office — Control Pulsing	102	1	MJ Mobile Radio Telephone System — Transmission Signaling and Test Access Bay
88	1	Equipment Cabinets — Mechanized Systems for Operating Training — Traffic Service Position 100A	103	1	MJ Mobile Radio Telephone System — Channel Bay
89	1	Line Concentrator No. 2A Remote Frame	104	1	Coin Charge Computer — Supplementary Frame — Tandem Office
90	1	Traffic Service Position — Operator Outgoing Trunk Frame	105	4	Station Identification Frame — PBX Automatic Identified Outward Dialing — Type A1
91	1	Line Concentrator No. 2B Control Frame	107	2	MJ Mobile Radio Telephone System — Base Station Radio Equipment Cabinets
92	1	Line Concentrator No. 2B Remote Frame	108	1	5A Announcement Frame — Crossbar Tandem System — Toll Switching Systems — No. 4A and 4M
93	2	Tandem Office — Control Pulsing Connector Frame	109	6	Table of Frames and Floor — Plan Stored Program Control No. 1A — Floor Plan Data Section 7.1, Sheet 109
95	2	T1 Carrier — D1 Channel Bank — 3-Bank Arrangement — Mounted on Double 7' 0" High — Unequal Flange Cable Duct Frame	110	3	Common System — Stored Program Control No. 1A
96	5	N2 and N3 Packaged Terminals — On Cable Duct Type Frames	111	3	Minimum Maintenance and Wiring — Aisle Clearances at Columns — Stored Program Control No. 1A — Floor Plan Data Section 7.1, Sheet 111
97	2	Light Hour Transfer Control Frame — Traffic Service Position 100A — Tandem Office	112	2	Common System — Stored Program Control No. 1A
98	1	MJ Mobile Radio Telephone System — Switch Control Bay	113	7	Floor Plan Requirements — Stored Program Control No. 1A — Floor Plan Data Section 7.1, Sheet 113 (Rear)
99	1	MJ Mobile Radio Telephone System — Duplicate Switch Bay	114	1	Tandem Office — Auxiliary Duplex Frame
100	1	MJ Mobile Radio Telephone System — Line Circuit Bay — 120 or 200 Lines	115	1	Common Systems — N2 Repeater Packaged Bays — On Cable Duct Type Frames
101	1	MJ Mobile Radio Telephone System — Line Circuit Bay 100 Lines			

SH	ISS	SUBJECT	SH	ISS	SUBJECT
116	1	Common Systems — Single and Double Cross-Connecting Cabinets Located With N Carrier Repeaters and Terminals on Single — and Double Unequal Flange — Cable Duct Type Frames	135	2	Common Systems — Voice Frequency — Consolidated Bay (F-Signaling) — Unitized Lineup With N3 Terminal Bays
119	1	Testboard No. 22A Switched Maintenance Access System No. 1A	136	2	Common Systems — Framework Details — SMAS 3B (J98622)
120	2	Typical Frame Arrangement for Switchroom Equipment Lineup Switched Maintenance Access System No. 1A	137	2	Common Systems — SMAS 3B (J98622) — Typical Floor Plan — 20' 0" x 18' 6" Column Spacing — Horizontal Growth
121	1	Controller Buffer and Maintenance Frame Switched Maintenance Access System No. 1A	138	2	Common Systems — SMAS 3B (J98622) — Typical Floor Plan — 20' 0" x 18' 6" Column Spacing — Vertical Growth
122	1	Cross-Connection Frame Switched Maintenance Access System No. 1A	139	1	Common Systems — Voice Frequency — Bay Equipment With Transmission — Features Such as Level Adjustment, Equalization and Signaling
123	1	Maintenance Access Switching Frame Switched Maintenance Access System No. 1A	140	1	Common Systems — Type F — AC Trunk Signaling — 4-Wire E&M Signaling Bay — Universal Signaling Bay
125	1	Typical Test Area Layout Testboard No. 22A Switched Maintenance Access System No. 1A	141	1	Common Systems — J98615 — 7-0 Unequal — Flange Cable Duct — V4 Telephone — Repeater Bays
128	3	Common Systems — Digital Transmission Facilities — D2 Channel Bank Frame	142	1	J98615 — Telephone Repeaters — Unequal Flange — Cable Duct Bays
129	3	Common Systems — Digital Transmission Facilities — D2 Channel Bank Frame	143	1	J98613 — E-Type AC Trunk Signaling System — Unequal Flange Cable Duct Type Bays
130	3	Common Systems — Digital Transmission Facilities — D2 Channel Bank Frame	144	1	J98613 — E-Type Reverting — Terminating — Signaling Bays — Angle Type — 1-0 Sheet Metal Base
131	3	Common Systems — Station Identification Frame — PBX — Automatic Identified Outward Dialing — Type A2	148	1	Common Systems — Digital Transmission Facilities — M1-2 Multiplex Frame
134	1	Common Systems — Voice Frequency — Consolidated Bay (F Signaling) — Unitized Lineup With A5 Channel Bank Bays	149	1	Common Systems — Digital Transmission Facilities — M1-2 Multiplex Frame
			150	1	Common Systems — Digital Transmission Facilities — M1-2 Multiplex Frame

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
151	1	Unitized Bay Lineup for 4-Wire Extension Networks — and D1 Channel Banks — With SMAS Access (144 Ckts)	170	3	Voice Frequency Unitized Terminal Equipment With FWA Signaling Units, A6 Channel Banks, VF Patch and SMAS Connectors
152	2	Voice Frequency — Consolidated Bay (F Signaling) — Unitized Lineup With N3 Terminal Bays	171	3	Voice Frequency Unitized Terminal Equipment With FUA and AUX Signaling Units, A6 Channel Banks, VF Patch and SMAS Connectors
153	3	Common Systems — Voice Frequency — Consolidated Bay FUA and Auxiliary Signaling — Unitized Lineup With N3 Terminal Bays	172	3	Voice Frequency Unitized Terminal Equipment With FWA Signaling Units, A6 Channel Banks, Echo Supp., VF Patch and SMAS Connectors
154	2	Voice Frequency — Consolidated Bay FUA and Auxiliary Signaling Bay — Unitized Lineup With N2 Terminals Bays	173	2	Voice Frequency Unitized Terminal Equipment With FUA and AUX Signaling Units, A6 Channel Banks, Echo Supp., VF Patch and SMAS Connectors
155	3	Voice Frequency — Consolidated FUA and Auxiliary Signaling Bay — Unitized Lineup With A5 Channel Bank Bays	175	2	Digital Transmission Facilities — T4M Digital Line — J98721B Span Terminating Frame — Floor Plan Data Section 7.1, Sheet 175
156	1	Common Systems — SMAS 3B (J98622) — Typical Floor Plan — Horizontal Growth — 7' 0" Bays Installed in ESS Offices	176	2	J98626 — Voice Frequency Unitized Terminal — Equipment With FWA Signaling Units — A6 Channel Banks, VF Patch and — Maintenance Connector — 7' 0" Unequal Flange Cable Duct Type Bays
159	3	D3 Channel Banks			
160	2	Wideband Remote Switch Frames (MFR DISC)			
161	1	T2 Span Termination Bay on Unequal Flange Cable Duct Type Framework 11' 6" High T2 Digital Line	177	3	J98626 — Voice Frequency Unitized Terminal — Equipment With FWA Signaling Units — A6 Channel Banks, Echo, Supp., VF Patch and Maintenance Connector — 7' 0" Unequal Flange Cable Duct Type Bays
162	1	T2 Span Terminating Bay on Unequal Flange Cable Duct Type Framework 9' 0" High T2 Digital Line			
163	1	T2 Span Terminating Bay on Unequal Flange Cable Duct Type Framework 7' 0" High	178	1	T2 Intermediate Powering Station Repeater Bay on Unequal Flange Cable Duct Type Framework 11' 6" High
164	1	Testboard No. 24A — Floor Plan Data Section 7.1, Sheet 164	179	1	T2 Intermediate Powering Station Repeater Bay on Unequal Flange Cable Duct Type Framework 9' High
165	1	M1-2A1T2A Terminal Bay on Unequal Flange Cable Duct Type Framework 7' High	180	1	T2 Intermediate Powering Station Power Supply Bay on Unequal Flange Cable Duct Type Framework 11' 6" High

SH	ISS	SUBJECT	SH	ISS	SUBJECT
181	1	T2 Intermediate Powering Station Power Supply Bay on Unequal Flange Cable Duct Type Framework 9' High	196	2	Main Distributing Frame Used With Modular Protector Frame — COSMIC Frame System
182	2	Unitied D3 Channel Bank — On Unequal Flange — Cable Duct Type Frame — 11' 6" High	201	1	Voice Frequency — Consolidated Bay (F Signaling) — Unitized Lineup Voice Frequency — Consolidated Bay (F Signaling) — Unitized Lineup With N3 Terminal Bays — Floor Plan Data Section 7.1, Sheet 207
183	1	Common Systems J99343 Metallic Facility Terminal	202	2	No. 1 Trunk Concentrator TRK CONC AND OGT FRAMES FOR DA TR TO A NO. 5 CS BR ACD — Common Systems
184	1	Common Systems J1C015 Metallic Terminal Frame	203	2	No. 1 Trunk Concentrator Incoming Trunk Frame for DA TR TO A NO. 5 CSBR ACD Common Systems
185	1	Recorded Announcement Frame Common Systems	207	1	Voice Frequency Consolidated Bay (F Signaling) Unitized Lineup With N3 Terminal Bays
186	1	Low Profile Conventional Distribution Frame	208	2	Voice Frequency — Consolidated Bay FUA and — Auxiliary Signaling — Unitized Lineup With N3 Terminal Bays — Floor Plan Data Section 7.1, Sheet 208
187	1	Low Profile Double Sided Protector Frame	209	2	Voice Frequency — Consolidated FUA and — Auxiliary Signaling Bay — Unitized Lineup With N2 Terminal Bays — Floor Plan Data Section 7.1, Sheet 209
188	1	M1-2 Multiplex Frame on Unequal Flange Cable Duct Type Frame Work 11' 6" High	210	2	Voice Frequency — Consolidated FUA and — Auxiliary Signaling Bay — Unitized Lineup With A5 Channel Banks Bays — Floor Plan Data Section 7.1, Sheet 210
189	3	No. 1 Trunk Concentrator — Trunk Concentrator and Outgoing Frame — Supplementary Concentrator and Outgoing Frame — Common Systems	211	1	Voice Frequency — Consolidated Bay (F-Signaling) — Unitized Lineup With A5 Channel Banks Bays — Floor Plan Data Section 7.1, Sheet 211
190	2	No. 1 Trunk Concentrator Incoming Intercept Trunk Frame ANI, ONI1, ONI3 Loop ONI3 E and M Common Systems	212	1	Common Systems — J98629 — Voice Frequency Transmission Unitized Analog Facility Terminal Equipment With Connectorized FU () Signaling, A6B Channel Banks Switch Optional Carrier Failure Alarm and Direct Formed Subgroup and 2B or 2BXSMAS No. 3 Maintenance Connectors 7' 0" Unequal Flange Cable Duct Type Bays
191	1	Digital Transmission Facilities M34A Digital Multiplex — Common Systems			
192A	2	Digital Transmission Facilities M34 Digital Multiplex Common Systems			
192B	2	Digital Transmission Facilities M34 Digital Multiplex Common Systems			
194	2	Main Distributing Frame — COSMIC Frame System			
195	2	Main Distributing Frame — COSMIC Frame System			

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
214	1	Auxiliary Coin Charge Computer Frame Tandem Office	24	2	Cable Test Desk No. 3
215	1	Voice Frequency — Consolidated Bay FUA and Auxiliary Signaling Unitized Lineup With N3 Terminal Bays	26	3	8-1/2" Panel Switchboard — 8-Panel, 3-Position Section
216	1	J98624 Voice Frequency Consolidated FUA and Auxiliary Signaling Bay Unitized Lineup With N3 Carrier Bays	27	2	8-1/2" Panel Switchboard — 7-Panel, 2-Position Section
217	1	J98624G Voice Frequency Consolidated FUA and Auxiliary Signaling Bay Unitized Lineup With N3 Carrier Bays	28	2	Service Observing Desk No. 4
			29	4	Information Desk No. 4
			30	4	Information Desk No. 2
			31	4	Announcement Desk No. 1
			32	7	Service Observing Desk No. 7
			34	5	8-1/2" Panel Switchboard — 9-Panel, 3-Position Section, 7' 8-1/2" High
			36	4	Local Operation Room Desk No. 19
			37	4	Service Observing Desk No. 9
			38	4	Service Observing Desk No. 11
			39	2	One- or Two-Book Information Desk No. 3
			40	2	Three-Book Information Desk No. 3
			41	2	Pedestal Desks
			42	3	Announcement Desk No. 1B — Announcement Desk No. 3A
			43	2	8-1/2" Panel Switchboard — 9-Panel, 3-Position Selection, 6' 2" High
			44	7	8-1/2" Panel Switchboard — 3-Panel, 1-Position Section, 6' 2", 5' 2", and 4' 4" High
			45	2	Information Desk No. 6A — One-Book Section
			46	2	Information Desk No. 6B — Two-Book Section
			47	1	Service Observing Desk No. 10
Section 7.2 — Switchboards and Desks					
1	9	Local Operating Room Desk No. 17			
3	10	Local Test Desk No. 12			
5	6	Central Information Desk No. 1			
6	5	Repair Clerks Desk			
11	3	Dial Service Observing Desk			
12	4	Local Test Desk No. 13			
13	4	Service Observing Desk No. 2			
16	4	No. 20 Key Cabinet Mounted on Commercial Desk			
17	3	Panel Call Distributing B Switchboard and Step-by-Step B Switchboard			
19	3	Repair Service Desk No. 2			
20	4	Repair Service Desk No. 2 — Supplementary Desks			
21	6	Local Test Desk No. 14			
22	7	Four Book Information Desk No. 3			
23	3	Central Service Observing Desk			

SH	ISS	SUBJECT	SH	ISS	SUBJECT
48	4	Local Test Cabinet No. 3	65	1	Common Systems — Local Test Desk No. 15B
49	1	8-1/2" Panel Switchboard — 3-Panel, 1-Position Section, 6'9-5/8" High	66	1	Local Test Desk No. 16
50	2	8-1/2" Panel Switchboard — 9-Panel, 3-Position Section, 7' 8-1/2" High	67	2	Line Status Verifier
51	1	8-1/2" Panel Switchboard — Intermediate Cable Turning Section 6' 9-5/8" and 7' 8-1/2" High	68	4	No. 5 Auxiliary Service Position Traffic Service System Single Overlap Lineup
52	3	8-1/2" Panel Switchboard — 30" Keyshelf 6' 2" and 5' 4" High	69	4	No. 5 Auxiliary Service Position Traffic System Double Overlap Lineup
53	1	Maintenance Desk with Key Cabinet No. 21	Section 7.3 — Miscellaneous		
54	4	Information Desks No. 7 and 7A	1	7	Rolling Ladder Clearances
55	2	8-1/2" Panel Switchboard — 30" Keyshelf 6' 2" and 5' 4" High	2	7	Angular Arrangement of Switchboard Sections
56	5	Operating Room Desk No. 23A — One-Book Desk	5	6	Dry Battery Cabinet — Vertical Unit Type
57	5	Operating Room Desk No. 23B — Two-Book Desk	7	3	Arrangement of Cable Sleeves in Floor
58	5	Operating Room Desk No. 23C — Three-Book Desk	8	2	Print Display Boards
59	6	Operating Room Desks No. 23D and 23E — Ticket Distributing Desks	9	1	No. 4A Announcement System — Audichron Machines
60	2	Service Observing Desk No. 12	10	4	Main and Combined Distributing Frames — Location From Cable Sleeves — Frames Arranged for C50 or C52 — Protector Mounting or 444 Type Jacks
61	3	Floor Bolt Layout for Operating Room Desks No. 23A, 23B, and 23C	11	1	Equipment Entrance and Erection Space in Dial Buildings
62	1	Traffic Service Position 100A 2-Position Section — Without Cable Turning Section	12	2	Telephone Secretarial Service — Concentrator Identifier — Originating Equipment
63	1	Traffic Service Position 100A 2-Position Section — With Cable Turning Section	13	2	Telephone Secretarial Service — Concentrator Identifier — Terminating Equipment
64	1	Traffic Service Position 100B 2-Position Section — With Cable Turning Section	14	1	Main and Combined Distributing Frames — Location of Cable Sleeves — Frames Arrange for 300 Type Connectors

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SH	ISS	SUBJECT
15	1	Subscriber Loop Multiplexer Central Office Frame
16	1	Facilities Serving Power Industry Term
17	1	Facilities Serving Power Industry Terminating Unit Power Station Common Systems

SECTION 8 — POWER

Section 8.1 — Charging Machines

20	4	Diverter Pole Charging Sets
26	5	33- and 65-Volt Charging Generator Sets — Automatic Starters — KS-5668-01 Motor Generator Sets — 301C and 302A Plants
36	3	702C Plants J86284 — 160-Volt Charging Generators — Automatic Starters KS-15842MG
37	4	702C Plants J86284 — 160-Volt Charging Generators — Automatic Starters KS-15834MG
40	2	301C Plants J86234-33, 63- and 65-Volt Charging Generators — Manual Starters KS-15839 and KS-5123-05MG
41	1	702C Plants J86224 — 160-Volt Charging Generators — Manual Starters KS-15842MG
42	6	J86249, J86266, J86295, J86296, J87246, J87260, J87261, KS-15885, KS-19210 through KS-19216, KS-19356, KS-19790 through KS-19793, KS-20039 and KS-20040 Rectifiers 100-400, 800 and 1600A 24V 100-4-- , 800 and 1600A 48V 24, 100 and 300A 130V
44	1	Power System — 414B Power Plant — J-86892

SH	ISS	SUBJECT
49	3	413A Cabinet and Relay Rack Power Plant
49A	2	Multiple 413A Power Plants Using 7' Cabinet Equipment
49B	2	Multiple 413A Power Plants Using 7' Cabinet Equipment
50	1	326A Plants — J-86874
50B	1	326A and 326B Power Plants Typical 4000 Ampere Plant With 4-Pack Type Rectifiers and Dual Strings of KS-15544, L-508 Cells on 2-Tier 2-Row (2T2R) Stands
50C	1	326A and 326B Power Plants Typical 4000 Ampere Plant With 4-Pack Type Rectifiers and Dual Strings of KS-15544, L-508 Cells on 2-Tier 2-Row Stands
50C	1	326A and 326B Power Plants
50D	1	326A and 326B Power Plants Typical 4000 Ampere Plant With 4-Pack Type Rectifiers and Single Strings of KS-15544, L-508 Cells on 2T2R Stands
50E	1	326A and 326B Power Plants
50F	1	326A and 326B Power Plants Typical 6000 Ampere Plant With 4-Pack Type Rectifiers and Floor Mounted Batteries
52	2	625A Power Plant 2-Bus Arrangement Using 7' Unequal Flange Duct Type Framework
53	2	630A Power Plant 2-Bus Arrangement Using 7' Unequal Flange Duct Type Framework
54	2	620A Power Plant 2-Bus Arrangement Using 7' Unequal Flange Duct Type Framework
58	1	415A Power Plant 7' High Cabinet

SH	ISS	SUBJECT	SH	ISS	SUBJECT
59	1	415A Power Plant 7' High Cabinet	19	4	KS-5750 Engine Alternators
60	2	415A Power Plant 200 KW-140SF Floor Load Using Metal Battery Stand	20	1	KS-15521 Engine Alternators
61	2	415A Power Plant 200 KW-Heavy Floor Load Using Plastic Battery Stand	21	3	KS-15622 Engine Alternators With Radiators On Set
62	2	415A Power Plant 20 KW-14PSF Floor Load Using Plastic Battery Stand	22	2	KS-15622 Engine Alternators With Radiators Off Set
62A	1	415A Power Plant 20 KW-Heavy Floor Load Using Plastic Battery Stand	23	4	KS-15717 10KW Diesel — Engine Alternators
62B	1	415A Power Plant 200 KW 140 Floor Load Using Plastic Battery Stand	24	1	KS-15884 and KS-15870 Engine Alternator
63	1	Two 625B Power Plants With BDFB Remote Two Bus Arrangement (300 amps per but) Using 7' Uniframe	25	1	KS-15777 Engine Alternator — Diesel Type
64	1	Two 625B Power Plants With BDFB Adacent Two Bus Arrangement (300 amps per but) Using 7' Uniframe	26	1	KS-15777 Engine Alternator — Diesel Type
65	1	Multiple 625B Power Plants With BDFB Remote Two Bus Arrangement (900 amps per bus) Using 7' Uniframe	27	2	KS-15899 Engine Alternator — Diesel Type
66	1	151A Power Plant for No. 3 ESS	28	1	KS-15899 Engine Alternator — Diesel Type
Section 8.2 — Ringing Machines			29	2	KS-15929 Engine Alterator — Diesel Type
1	11	Ringing and Coin Control — Sets	30	1	KS-15922 Engine Alternator — Diesel Type
2	1	Ringing Machine Equipment Mounted on Relay Racks	31	1	KS-15954 Engine Alternator — Diesel Type
Section 8.4 — Gas Engines			32	2	KS-19583 Engine Alternator — Diesel Type
9	5	KS-5525-01 Stationary Engine — Generator Sets	33	2	KS-19584 Engine Alternator — Diesel Type
12	3	KS-5574-01 High Base — Engine Alternators	34	2	KS-19585 Engine Alternator — Diesel Type
18B	2	KS-5667-01 Automatic — Engine Alternator	35	2	KS-19586 Engine Alternator — Diesel Type
			36	1	KS-19587 Engine Alternator — Diesel Type

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
37	1	KS-15992 — Gas — Turbine Engine — Alternator	5	3	J86330B Battery Distributing Fuse Board Enclosed Type
40	1	KS-19896 L12, L15, and L16 Gas Turbine Engine — Alternator	6	2	J86331 Battery-Power Distributing Fuse Board enclosed Type
41	1	KS-19896 L3 and L4 Gas Turbine Engine—Alternator	7	1	Battery Distributing Circuit Breaker Board — 9' 0" High, 1' 3" Deep
43A	1	KS-20542 L1, 2, 11, and 12 Engine Alternator Gas Turbine	8	1	Battery Distributing Circuit Breaker Board — 7' 0" High 2' 6" Deep
44	1	Power Systems — KS-20542 L3 and L4 Engine — Alternator Gas Turbine J86637	Section 8.7 — Power Panels		
45	1	Power Systems — KS-20542 L13 and L14 Engine — Alternator Gas Turbine J86637	1	11	Power Boards
46	1	KS-20460 Gas Turbine Alternator 2.1 and 2.5 MW, 480 or 4160 Volts, 3-Phase, 60-Hertz	2	2	Power Boards — Self Supported
Section 8.5 — Batteries			3	2	Power Boards — Top Supported — Narrow Base Angles
8	4	Metal Storage Battery Stands — Enclosed Type Storage Batteries	4	3	J86470 — 111A Power Plants Rectifier and Control Units
9	5	KS-5562 Floor Mounted Batteries	5	2	J86470 — 111A Power Plant Rectifier and Control Unit
10	1	KS-20472 Cylindrical Cell 10PSI and Earthquake Hardened Polyester Gloss Battery Stand Back-to-Back	5ABC	1	111A Power Plant Typical 800 Ampere Plant With 4-Pack Type Rectifiers and Single Strings of KS-15544, L508 Cells on 2T2R Metal Stands or KS-20472, L1 Round Cells on 2T2R Plastic Stands
11	1	KS-20472 Cylindrical Cell Soft Site Polyester Gloss Battery Stand Back-to-Back	7	2	J86470 11A Power Plant Rectifiers and Control Unit
Section 8.6 — Battery Distributing Fuse Panels			Section 8.8 — Miscellaneous		
1	9	Battery Distributing Fuse Boards	3	8	Power Distributing Service Cabinet
4	3	Battery Distributing Fuse Board — J86330B Battery Distributing Fuse Board Type, 1' 4" Deep	4	3	7-A to 15-A Choke Coils Located on the Floor
			5	1	50 to 800 Ampere Motor Driven Discharge Lead Rheostat Located on the Floor

SH	ISS	SUBJECT	SH	ISS	SUBJECT
8	3	KS-15697 or KS-15699 Power Service Switchboard	6	8	Incoming Link, Incoming Trunk and Terminating Sender Link Frames (100 Trunk Capacity Incoming Link Frames)
Section 8.9 — Floor Layouts (Power)					
Section 8.9.1 — Dial Office Power Equipment					
8	5	302A Plants — 300 Amperes, 48 Volts — 10-100 Amperes, 24 Volts	7	6	Key Pulsing Sender Link or Coin Supervisory Link Frame
9	5	302A Plants — Dial Office Power Equipment — 600 Amperes, 48 Volts — 200 Amperes, 24 Volts	8	12	Originating Marker Frame
10	5	302A Plants — Dial Office Power Equipment — 1200 Ampere, 48 Volt — 10-100 Amperes, 24 Volts	9	7	Originating Sender Frame
11	6	302A Plants — Dial Office Power Equipment — 1500 Ampere, 48 Volt — 400 Amperes, 24 Volts	10	9	Originating Marker Connector Frame
12	6	302A Plants — Dial Office Power Equipment — 4000 Amperes, 48 Volts — 1500 Amperes, 24 Volts	11	3	Terminating Marker Frame
13	4	302A and 702C Plants — Combined Dial and Toll Office Power Equipment — 2000 Amperes, 24 Volts — 500 Amperes, 48 Volts — 1000 Amperes + 130 Volts	12	9	Terminating Sender Frame
			13	3	Terminating Marker Connector Frame
			14	7	Incoming Link Extension Frame — 100 Trunk Capacity Incoming Link Frames
			15	8	Supplementary Incoming Trunk Frame
			16	11	No. 1 and Tandem Offices — Office Link Frame With — Office Extension Frames
			17	7	Line Choice Connector Frame
			19	8	Number Group Connector Frame
			20	8	Terminating Marker Connector Frame
			21	7	Line Junctor Connector Frame
			22	7	Terminating Marker Frame
			23	2	Block Relay Frame
			24	5	Originating Marker Frame for Extended Area Dialing
			25	5	Incoming Link, Incoming Trunk, Terminating Sender Link, Auxiliary Incoming Trunk, and Auxiliary Terminating Sender Link Frame (160 Trunk Capacity Incoming Link Frames) (4 Class of Sender Terminating Sender Link Frames)
SECTION 9 — CROSSBAR SYSTEM					
Section 9.1 — Major Frames					
1	13	Line Link Frame			
3	3	Line Choice Connector Frame			
4	9	Crossbar System — District Link, District Junctor, and Subscriber Sender Link Frames			
5	8	Office Link Frame — No. 1 and Tandem Office			

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
26	4	Incoming Link Extension Frame (160 Trunk Capacity Incoming Link Frames)	43	1	Call Identity Indexer Frame — Automatic Message Accounting — Tandem Office
27	3	Central B Sender and Position Finder Frame	45	1	Transverter Frame — Automatic Message Accounting — Tandem Office
28	1	Trunk Link Frame — Tandem Office	45	1	Transverter Frame — Automatic Message Accounting — Tandem Office
29	6	Power Systems — KS-19303 DC - to - DC Converter — Tandem Office Marker Frame	46	3	Transverter Connector Frame — Automatic Message Accounting Tandem Office
30	5	Revertive, Dial, and Multifrequency Sender Frames — Tandem Office	47	1	P.C.I Sender Frame — Automatic Message Accounting — Tandem Office
31	8	Tandem Office — Sender Link Frames	50	1	Billing Indexer Originating Frame — Automatic Message Accounting — Tandem Office
32	4	Revertive, Dial and Multifrequency Marker Connector Frames — Tandem Office	51	2	Billing Indexer Supplementary Frame — Automatic Message Accounting — Tandem Office
33	7	Tandem Office — Incoming Trunk Frames	53	4	Tandem Office — Position Link Frame
34	3	District Group Connector Frame — Automatic Message Accounting	55	2	Position and Telephone Unit Frame — Automatic Message Accounting — Tandem Office
35	4	Call Identity Indexer Frame — Automatic Message Accounting	56	3	Tandem Office Switchboard — Single Lineup — Automatic Message Accounting — Tandem Office
36	3	Calling Line Register Frame — Automatic Message Accounting	57	2	Tandem Office Switchboard — Back-to-Back — Automatic Message Accounting — Tandem Office
37	3	Transverter Connector Frame — Automatic Message Accounting	58	1	Incoming Register and Link Frame — Automatic Message Accounting — Tandem Office
38	4	Recorder Frame — Automatic Message Accounting	59	2	Dial Pulse Sender Frame — Automatic Message Accounting — Tandem Office
39	2	Transverter Frame — Automatic Message Accounting			
40	2	Translator Frame — Automatic Message Accounting			
41	2	Class-of-Service Frame			
42	1	Recorder Frame — Automatic Message Accounting — Tandem Office			

SH	ISS	SUBJECT	SH	ISS	SUBJECT
60	1	Sender Register Connector Frame — Automatic Message Accounting — Tandem Office	79	2	Tandem Office — Trunk Frame Traffic Service Position 100A
61	3	Two-Way Intertoll Trunk Frames — Tandem Office	80	2	10-Digit Incoming Register and — Link Frame — Tandem Office
63	2	Tandem Office — Translator Frame	81	3	10-Digit Incoming Register — Supplementary Frame
64	1	Auxiliary Transverter Link Frame — Automatic Message Accounting	82	2	Auxiliary District Junctor and Auxiliary Subscriber Sender Link Frames
65	1	Drawing is Issued to Cover Floor Plan Data for Trunk Line Frame With Trunk Link Extension Frame	83	1	Crossbar System No. 1 — Line Link Pulsing Translator Frame
66	1	Tandem Office — Group Busy Frame	84	1	Crossbar System No. 1 — Outgoing Sender Frame
67	1	Tandem Office — Marker Frame	85	1	Crossbar System No. 1 — Outgoing Sender Connector Frame
69	3	Tandem Office — Centralized Dial Coin Trunk Frames	86	1	Crossbar Systems — No. 1 — Terminating Marker — Line Link Pulsing Frame
70	2	Tandem Office — Timer Link and Control Link	87	1	Outgoing Sender Link Frame Line Link Pulsing Crossbar System No. 1
71	3	Tandem Office — Billing Indexer Auxiliary	88	1	Transverter Connector — Position Auxiliary Frame
72	2	Delayed Call Trunk Frame — Tandem Office	89	1	Transverter Connector Transverter Auxiliary Frame
73	3	Tandem Office — Data Transfer Data Channel Frame	92	1	No. 1 Terminating Marker — (101 ESS) Direct Access Frame
74	2	Tandem Office — Data Transfer Position Connector Frame	93	2	Crossbar System No. 1 — Automatic Intercept Service Frame
75	2	Tandem Office — Data Transfer Sender Connector Frame	95	1	Crossbar Systems — No. 1 and Tandem Multifrequency Pulsing Receiver Frame
76	2	Tandem Office — Data Transfer Register Connector Frame	96	1	CAMA — C Computerized Automatic Message Accounting Crossbar Tandem
77	2	Tandem Office — Dial Transfer Trunk Connector Frame			
78	3	Tandem Office — Supplementary Transverter Connector Frame			

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
97	2	CAMA — C Computerized Automatic Message Accounting Crossbar Tandem	14	3	Perforator Cabinet — No. 1 and Tandem Offices Maintenance Recorder Cabinet — No. 1 Offices
98	1	Computerized Maintenance and Administration Support III Crossbar Tandem	15	3	Multifrequency Current Supply Frame
			16	2	Line Observing Frame — Automatic Message Accounting — Tandem Office
Section 9.2 — Miscellaneous Frames					
1	5	Zone Registration Timing Interrupter, Zone Registration District Connector, and Zone Registration Control Frames	17	1	Sender Make Busy Frame — Tandem Office
2	6	Service Observing, Call Thru Test, and Cord Monitoring Patching Jack Panel	18	2	Pretranslator Frame — Crossbar Tandem Systems
3	8	No. 1 and Tandem Offices — Office Interrupter Frame	19	2	Traffic Control Frame
4	7	Floor Alarm Frame — No. 1 and Tandem Office	20	1	Traffic Control Console
5	7	Sender Make Busy Frames — No. 1 Office — Tandem Office (Manufacture Discontinued)	21	1	No. 1 Message Timing Frame
6	10	Miscellaneous Frame	Section 9.3 — Test Frames		
7	13	Relay Rack and Fuse Bay — Angle Type	1	7	District Junctor Test Frame
8	8	Line Message Register Rack — Angle Guard Rails	2	8	Incoming Trunk Test Frame — No. 1 and Tandem Office
9	5	Emergency Alarm Frame	3	7	Originating Sender Test Frame
10	6	Traffic Register Rack — No. 1 and Tandem Office	4	7	Terminating Sender Test Frame
11	4	Plugging-Up Line Panel	5	9	Originating Trouble Indicator Frame or Terminating Trouble Indicator Frame
12	3	Line Message Register Rack — Sheet Metal Guard Rails	6	10	Crossbar Systems — No. 1 and Tandem Offices — Incoming Trunk Test Connector Frames
13	5	Master Timing Frame No. 1 and Tandem Offices Automatic Message Accounting	7	8	Outgoing Trunk Test Frame — No. 1 Office — Tandem Office (A&M Only)
			8	6	Zone Registration Test Frame
			9	5	No. 1 and Tandem — Sender Test Connector Frame

SH	ISS	SUBJECT	SH	ISS	SUBJECT
10	1	Trunk Test Frame — Tandem Office	28	1	Trouble Recorder Frame — Tandem Office
11	2	Trouble Indicator Frame — Tandem Office	29	2	Tandem Office — Trouble Recorder — Connector Frame
14	2	Controller Trouble Indicator Frame	30	2	Tandem Office — Supplementary Trouble — Recorder Connector Frame
15	2	Transverter Trouble Indicator Frame — Automatic Message Accounting	31	2	Crossbar Tandem — Automatic Transmission Test and Control Frame
16	2	Maintenance Recorder Frame — Automatic Message Accounting	32	3	Crossbar Tandem — Teletypewriter Frame
17	3	Maintenance Printer Table — Automatic Message Accounting	33	2	Tandem Office Automatic Message Accounting — Trunk Test Supplementary Frame
18	3	Manual Outgoing Trunk Test Frame — Crossbar Tandem	34	1	Tandem Office — Register Test Connector Frame
19	2	Line Insulation Test Frame	35	1	No. 1 — Route and Rate Verification — Test Circuit
20	1	Transverter Trouble Indicator Frame — Automatic Message Accounting — Tandem Office	36	1	Position Test Frame — Test Office
21	2	Transverter Trouble Indicator Connector Frame — Automatic Message Accounting — Tandem Office	37	1	Direct In Dialing Test Frame Crossbar System No. 1
22	2	Sender Test Frame — Automatic Message Accounting — Tandem Office	38	1	Reorder Analysis and Data Connector
23	31	Sender Test Supplementary Frame — Automatic Message Accounting — Tandem Office	39	1	Reorder Analysis Data Interface and Reorder Analysis Data Processor
24	1	Trunk Automatic Test Frame — Automatic Message Accounting — Tandem Office	40	1	Remote Office Test Line Frame No. 1 and Tandem Office
25	2	Trunk Automatic Test Connector Frame — Automatic Message Accounting — Tandem Office	Section 9.4 — Distributing Frames		
26	1	Sender Test Connector Frame — Automatic Message Accounting — Tandem Office	1	7	Line Junctor Grouping Frame or Office Junctor Group Frame — No. 1 and Tandem Office
			2	9	District Junctor Grouping Frame
			4	9	Line Distributing Frame Single Sided

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
5	5	Traffic Register Distributing Frame	16	4	Toll Switching System No. 4A DP Incoming or MFP Incoming Sender Frames
6	2	No. 1 — Message Register Distributing Frame — Automatic Accounting System	19	2	Outgoing Sender Frame — Toll Switching System No. 4A
7	3	No. 1 — Line Distributing Frame — Double Sided	20	6	Toll Switching System No. 4A — Decoder Connector Frame and Supplementary Decoder Connector Frame
Section 9.6 — Miscellaneous					
1	14	Clearance at Columns — No. 1 and Tandem Offices	21	7	Card Translator — Toll Switching System No. 4A or 4M
Section 9.9 — Floor Layouts					
1	1	380A Dial Office — Equipment Plans	22	2	Decoder Frame — Toll Switching System No. 4A or 4M
2	4	Tandem Office — Typical Frame Arrangement — In Maintenance Center	23	5	Marker Connector Frame and Supplementary Marker Connector Frame — Toll Switching System No. 4A or 4M
3	5	Typical Frame Arrangement in Maintenance Center — No. 1 Crossbar Office	24	5	Foreign Translator Connector Frames — Toll Switching System No. 4A
4	3	Typical Frame Arrangement in Maintenance Center — No. 1 Crossbar Office Arranged for AMA	25	2	Marker Frame — Toll Switching System No. 4A or 4M
SECTION 10 — NO. 4 TOLL SWITCHING SYSTEM					
Section 10.1 — Major Frames					
1	8	Intertoll, Toll Completing and Combined Incoming Frames — Toll Switching System No. 4, 4A, or 4M	28	2	DP Incoming or MFP Incoming Sender Frames — Toll Switching System No. 4M
2	7	Intertoll, Toll Completing and Combined Outgoing Frame Toll Switching System No. 4, 4A, or 4M	29	4	Toll Switching System No. 4M — Card Translator
6	5	Incoming and Outgoing Sender Link Frames — Toll Switching System No. 4, 4A, or 4M	30	2	Toll Switching System No. 4A or 4M — Card Translator
10	4	Link Controller and Connector Frame — Toll Switching System No. 4, 4A, or 4M	31	1	Position Link Frame — Automatic Message Accounting — Toll Switching System No. 4A or 4M
			32	1	Transverter Frame — Toll Switching System No. 4A or 4M with CAMA
			33	1	Transverter Connector Frame — Toll Switching System No. 4A and 4M with CAMA

SH	ISS	SUBJECT	SH	ISS	SUBJECT
34	2	CAMA Sender Link Frame — Toll Switching System No. 4A or 4M With CAMA	48	1	Toll Switching System No. 4A or 4M — OVS Sender Link Frame
35	1	Trunk Class Translator and Supplementary Trunk Class Translator Frames — Toll Switching System No. 4A or 4M With CAMA	49	1	Toll Switching System No. 4A or 4M
36	1	Call Identity Indexer Frame — Toll Switching System No. 4A or 4M With CAMA	50	2	Toll Switching System No. 4A or 4M — Decoder Frame
37	1	Master Timing Frame — Toll Switching System No. 4A or 4M With CAMA	51	2	Toll Switching System No. 4A or 4M — Marker Connector Frame and Supplementary Marker Connector Frame
38	1	Billing Indexer Originating Frame — Toll Switching System No. 4A or 4M With CAMA	52	1	Toll Switching System — No. 4A or 4M — Decoder Connector Frame and Supplementary Decoder Connector Frame
39	1	Billing Indexer Supplementary — Frame Toll Switching System No. 4A or 4M With CAMA	53	1	Toll Switching System No. 4A MF Incoming Sender
40	1	Line Observing Frame — Toll Switching System No. 4A or 4M With CAMA	54	5	Toll Switching Systems No. 4A and 4M — Outgoing Toll Connecting and 2-Wire Incoming Tandem Trunk Frame
41	1	Recorder Frame — Toll Switching System No. 4A or 4M With CAMA	55	4	Toll Switching Systems 4A and 4M — Intertoll and 4-Wire Incoming — Tandem Trunk Frame
42	1	Perforator Cabinet — Toll Switching System No. 4A or 4M With CAMA	56	1	Toll Switching System — 4A and 4M — CAMA Trunk Frame
43	1	CAMA Sender Frame — Toll Switching System No. 4A and 4M With CAMA	57	4	Toll Switching System No. 4A and 4M — Decoder Channel Frame
44	1	Incoming Register and Link Frame — Toll Switching System No. 4A or 4M With CAMA	59	5	Toll Switching Systems 4A and 4M — Outgoing Toll Connecting — Trunk Unit Frame
45	1	2-Position Switchboard — Back-to-Back Toll Switching System No. 4A or 4M With CAMA	60	2	Toll Systems — Intertoll, Toll Completing — and Combined — Outgoing Link Frames — Toll Switching System — No. 4A and 4M
46	1	2-Position Switchboard — Single Lineup — Toll Switching System No. 4A or 4M With CAMA	61	2	Toll Systems — Toll Switching Systems No. 4A and 4M — Intertoll, Toll Completing and Combined Incoming Frames — (Small Switch)
47	1	Toll Switching System No. 4A and 4M — OVS Sender Frame			

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
62	1	Billing Indexer Auxiliary Frame Toll Switching System No. 4A or 4M With CAMA	Section 10.2 — Miscellaneous Frames		
63	3	Outpulser Link Frame Toll Switching System No. 4A	3	5	Toll Switching System No. 4A or 4M — Office Interrupter Frame
64	1	Outpulser Link Controller Frame Toll Switching System No. 4	4	3	Floor Alarm Frame — Toll Switching System No. 4, 4A, or 4M
65	2	Voiceband Interface — On ESS Triple Bay Frame — 7' 0" High	5	6	Relay Rack and Fuse Bay — Angle Type — Toll Switching System No. 4A or 4M
66	2	Toll Switching System No. 4 Traffic Usage Interface and Supplementary Traffic Usage Interface Frame	9	5	Overflow Trunk Frame — Toll Switching System No. 4A and 4M
67	3	No. 4A Toll Switching Systems Trunk Frame for Intertoll and Toll Connecting Plug-In Trunks	11	4	Trunk Assignment Patch Bay — Toll Switching System No. 4, 4A, or 4M
67A	1	Trunk Frame for Intertoll, Toll Connecting and CC/S Plug-In Trunks No. 4A Toll Switching Systems	16	5	Multifrequency Current Supply Frame — Toll Switching System No. 4, 4A, or 4M
68	1	Transceiver and Connector Frame Toll Switching System No. 4A	17	2	Alternate Route Traffic Control Frame — Toll Switching System No. 4A and 4M
69	3	CAMA — C Computerized Automatic Message Accounting — Toll Switching Systems No. 4A or 4M	18	4	Toll Switching System No. 4A — Emergency Translator Connector and/or Frame Identification Frequency — Control Frame
70	3	CAMA — C Computerized Automatic Message Accounting — Toll Switching Systems No. 4A	19	4	Toll Switching System No. 4A or 4M — Office Interrupter Frame
71	1	Auxiliary Decoder Connector Frames Toll Switching System No. 4A or 4M	20	1	Traffic Supervisory Rack — Toll Switching System No. 4A
72	3	No. 4A Toll Switching Systems Trunk Frame for CCIS Plug-In Trunks	22	1	Traffic Supervisory and Register Rack — Toll Switching System No. 4A and 4M
72A	1	Trunk Frame for 2-Way CC/S Plug-In Trunks No. 4A Toll Switching System	23	3	Toll Switching Systems — No. 4A or 4M Frame Identification Frequency Supply and Control Frame
73	2	Outpulser Link Controller Test Frame Toll Switching System No. 4A	24	1	Toll Switching System No. 4A and 4M — Pretranslator Frames
76	1	Supplementary Link Controller Frame Toll Switching System No. 4A	25	1	Traffic Control Frame Toll Switching No. 4A and 4M

SH	ISS	SUBJECT	SH	ISS	SUBJECT
26	1	Toll Switching System No. 4A or 4M Network Control Frame	24	2	Automatic Transmission Test and Control Frame — Toll Switching System No. 4A or 4M
27	1	Message Timing and Register Frame for Inwats Toll Switching System No. 4A	25	2	Teletypewriter Frame — Toll Switching No. 4, 4A, or 4M
Section 10.3 — Test Frames					
6	3	Toll Test Board No. 17C — Toll Switching System No. 4, 4A, and 4M	26	1	Auxiliary Sender Make Busy Frame — Toll Switching System No. 4A with CAMA
7	3	Outgoing Toll Connecting Trunk Test Connector Frame — Toll Switching System No. 4	27	1	Register Make Busy Frame — Toll Switching System No. 4M with CAMA
9	2	Position Test Frame	28	3	Trouble Recorder Connector Frame — Toll Switching System No. 4A and 4M With CAMA
10	3	Trouble Tracing Frame — Toll Switching System No. 4 and 4A	29	1	Incoming Sender and Register Test Frame — Toll Switching System No. 4A or 4M
11	6	Toll Switching System No. 4 — Sender Test Connector Frame	30	1	Toll Switching System No. 4A or 4M With CAMA — Automatic Incoming Trunk Test Frame
15	2	Incoming Sender Test Frame — Toll Switching System No. 4A	31	1	Toll Switching System No. 4A or 4M With CAMA — Automatic Incoming Trunk Test Frame
17	3	Outgoing Sender Test Frame — Toll Switching System No. 4A	32	1	Toll Switching System No. 4A or 4M — Outgoing Trunk Identification Frame
18	4	Manual Outgoing Trunk Test Frame — Test and Make Busy Frame — Toll Switching No. 4A or 4M	33	1	Toll Switching System No. 4A or 4M — Supplementary Outgoing
19	5	Automatic Outgoing Intertoll Trunk Test Frame — Toll Switching System No. 4A or 4M	34	1	Toll Switching System No. 4A and 4M — Automatic Outgoing Toll Connecting Trunk Operational and Transmission Test Frames
20	3	Automatic Outgoing Intertoll Trunk Test Connector Frame — Toll Switching System No. 4A or 4M	35	2	Toll Systems — Toll Switching Systems No. 4A or 4M Automatically Directed Outgoing Intertoll Trunk Test Frame
21	2	Trouble Recorder Frame — Toll Switching System No. 4A or 4M	36	1	Automatically Directed Outgoing Intertoll Trunk Test Connector Frame Toll Switching System No. 4A or 4M
22	2	Sender Make Busy Frame — Toll Switching System No. 4A	37	2	Toll System — Toll Switching System 4A or 4M Manual Test Frame
23	4	Emergency Filament Supply Frame — Toll Switching System No. 4A			

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SH	ISS	SUBJECT	SH	ISS	SUBJECT
38	1	Intertoll Manual Test Frame — (Test-board No. 25A) and Status Display Frame — Used in Toll Switching — System No. 4A	4	2	Toll Systems — Toll Switching System No. 4A Typical Frame Arrangement in Maintenance Center
Section 10.8 — Electronic Adjunct Frames					
39	1	No. 4A and 4M Toll Switching Systems Supplementary AOTT Frame (SAOTT)	1	5	General Notes for Electronic Adjunct Frames Toll Switching System No. 4 or 4M
40	2	Status Concentrator Frame Used in Toll Switching System No. 4A	2	*6	Typical Frame Line-Up Arrangements for Electronic Adjunct Frames Toll Switching System No. 4A (ETS/CCIS/SO)
41	1	Intertoll Manual Test Frame and Lock-out and Signaling Jack Bay Used in Toll Switching System No. 4A	3	2	Toll Switching System No. 4A and 4M — Distributor Register Frame
42	1	Outgoing Trunk Test Connector Frame Toll Switching System 40, 4A, or 4M	4	1	Toll Switching System No. 4A and 4M — Power Distributing Frame
43	1	CCIS Intra-Office Trunk Test Frame Toll Switching System No. 4A	3	2	Toll Switching System No. 4A and 4M — Distributor Register Frame
44	1	ATME-21 Facets Interface Frame Toll Switching Systems No. 4A and 4M	5	1	Toll Switching Systems No. 4A and 4M — Alarm and Display Frame
45	1	Signaling Analysis Connector Frame Toll Switching System No. 4A and 4M	6	2	Toll Switching Systems No. 4A and 4M — Peripheral Scanner Frame
Section 10.4 — Distributing Frames					
1	3	Intertoll or Combined and Toll Completing Junctor Grouping Frames — Toll Switching System No. 4, 4A, 4M	7	1	Teletypewriter Buffer Frame Toll Switching Systems No. 4A and 4M
2	3	Trunk Assignment Distributing Frames	8	1	Miscellaneous Frame Toll Switching Systems No. 4A and 4M
3	3	Toll Switching System No. 4, 4A, 4M — Assignment, Intermediate or Trunk	10	3	Peripheral Bus Computer Toll Switching Systems No. 4A and 4M
Section 10.6 — Miscellaneous					
1	4	Clearance at Columns — Toll Switching System No. 4, 4A; or 4M	11	1	Voice Frequency Link (VFL) Access Frame (an Electronic Adjunct Frame) Toll Switching Systems No. 4A
Section 10.7 — Maintenance Center					
3	2	Toll Systems — Toll Switching System No. 4A Typical Frame Arrangement in Maintenance Center	12	2	Distributor and Scanner Frame Toll Switching Systems No. 4A
			13	2	Common Channel Interoffice Signaling Terminal Group Toll Switching System No. 4A

SH	ISS	SUBJECT
14	*5	Typical Frame Lineup Arrangements for Electronic Adjunct Frames Toll Switching System No. 4A (Combined ETS-CCIP/STP)

SECTION 11 — DIAL — LOCAL CROSSBAR NO. 5

Section 11.1 — Table of Frames

1	19	Crossbar System No. 5 Table of Frames and Floor Plan Conventions
2	11	Table of Frames and Floor Plan Conventions
3	15	Table of Frames and Floor Plan Conventions
4	14	Table of Frames and Floor Plan Conventions
5	12	Table of Frames and Floor Plan Conventions
6	9	Crossbar System No. 5 Table of Frames and Floor Plan Conventions
7	12	Crossbar System No. 5 Table of Frames and Floor Plan Conventions
8	13	Crossbar System No. 5 Table of Frames and Floor Plan Conventions
9	6	Crossbar System No. 6 Table of Frames and Floor Plan Conventions
10	6	Table of Frames and Floor Plan Conventions
11	4	Table of Frames and Floor Plan Conventions
12	5	Table of Frames and Floor Plan Conventions
13	6	Table of Frames and Floor Plan Conventions
14	3	Table of Frames and Floor Plan Conventions

SH	ISS	SUBJECT
15	2	Table of Frames and Floor Plan Conventions
16	1	Crossbar System No. 5 Table of Frames and Floor Plan Conventions

Section 11.2 — Frames

1	4	Single Bay Frame Details
2	7	Double Bay Frame Details
3	5	Traffic Register Cabinet in Operating Room
4	2	Plant Register Cabinet J23261
5	1	Crossbar System No. 5 Single and Double Bay Frame Details

Section 11.3 — Miscellaneous

1	5	Frame Lineup Spacing and Clearance Around Columns
2	2	Frame Lineup Spacing and Clearance Around Columns for Buildings With Columns on 18' 6" Centers
3	2	Frame Lineup Spacing Clearance Around Columns for Buildings With Columns on 18' 0" Centers
4	3	No. 5 — Frame Lineup Spacing and Clearance — For Translator and Number — Group Frames and MDF
5	1	Method of Numbering Aisles in a No. 5 Crossbar Office

Section 11.4

1	1	Typical In Line No. 5 ETS Processor Complex in Maintenance Center (Preferred)
2	1	Typical Split Lineup No. 5 ETS Installation in Maintenance Center

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3	1	Typical No. 5 Processor Complex in Maintenance Center (Alternate)
4	1	Typical No. 5 Processor Complex in Maintenance Center
5	1	Distributor and Scanner Frame No. 5 Crossbar used in ETS Processor Complex
6	1	Power and Data Interface Frame No. 5 Crossbar Used in ETS Processor Complex
7	1	Auxiliary 3A Processor Frame No. 5 Crossbar Used in ETS Processor Complex
8	1	Supplementary Main Store Frame No. 5 Crossbar Used in ETS Processor Complex
9&9A	1	Maintenance Frame No. 5 Crossbar Used in ETS Processor Complex
10	1	Maintenance Terminal No. 5 Crossbar Used in ETS Processor Complex
10A	1	Maintenance Terminal Floor Plan Details No. 5 Crossbar Used in ETS Processor Complex

SECTION 12 — ELECTRONIC SWITCHING SYSTEMS NO. 1**Section 12.1 — Table of Frames**

7	1	Table of Frames and Floor Plan Conventions
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Section 12.2 — Frame Details

2	2	Single and Double Bay Frame Details
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Section 12.3 — Frames and Columns**Section 12.4 — Main Distribution Frame****Section 12.5 — Miscellaneous****Section 12.6 — Equipment Units**

1A	9	Heat Dissipation of No. 1 ESS Equipment Units
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SH	ISS	SUBJECT
1B	9	Heat Dissipation of No. 1 ESS Equipment Units
2	1	Heat Dissipation of No. 1 ESS-ADF Equipment

Section 12.9 — Floor Plan Layout**SECTION 13 — ELECTRONIC SWITCHING SYSTEMS — NO. 101****Section 13.1 — Table of Frames**

1	5	No. 101 — Table of Frames and Contents
2	5	No. 101 — Table of Frames and Floor Plan Connections

Section 13.2 — Call Processors and Frames

1	5	No. 101 — Call Processor No. 1
2	5	No. 101 — Call Processor No. 2
3	6	Table of Switch Units

Section 13.4 — Control Units — Frame Lineups

3	1	Connectorized Control Unit — Back-to-Back and In Line Frame Lineup No. 101 ESS
4	1	Connectorized Control Unit — Front-to-Front Frame Lineup No. 101 ESS
5	1	Control Unit — Trunk Relay Frames No. 101 ESS

Section 13.5 — Control Unit and Switch Unit — Heat Dissipation

1	1	Heat Dissipation — No. 101 ESS
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Section 13.6 — 1A Switch Unit

1	1	1A Switch Unit — No. 101 ESS
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Section 13.7 — 2A Switch Unit

1	2	2A Switch Unit — No. 101 ESS
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SH	ISS	SUBJECT	SH	ISS	SUBJECT
Section 13.8 — 3A and 4A Switch Units			3	2	Typical Frame Lineup Arrangements for 12" Deep Frames and for Columns Spacings Between 16-6 and 19-0 No. 4 ESS
1	2	3A Switch Unit and Line Connector			
3	1	4A-1 Switch Unit	4	3	Typical Frame Lineup Arrangements for 12" Deep Frames and for Column Spacings Between 19-6 and 21-6 No. 4 ESS
4	2	4A-1 Switch Unit Lineup			
5	2	4A-2 Switch Unit Lineup	5	1	Lineup Numbering and Cross Aisle Clearances No. 4 ESS
7	2	3A Switch Unit — Reserve Poser System			
8	1	3A Switch Unit Lineup			
SECTION 18 — ELECTRONIC SWITCHING SYSTEM NO. 4			Section 18.4 — Floor Plan Rules		
Section 18.1 — Table of Frames and Floor Plan Conventions			1	*4	Heat Dissipation of Frames No. 4 ESS
1	*4	Table of Frames and Floor Plan Convention No. 4 ESS	2	*1	
2	2	Master Control Console No. 4 ESS	Section 18.5 — Heat Dissipation and Power Requirements		
3	2	Network Management Displays (Wall and Console) No. 4 ESS	1	*4	Floor Plan Rules — No. 4 ESS
4	*4	Network Management Displays (Wall and Console) No. 4 ESS	2	*3	
5	2	Digital Services Complex No. 4 ESS	3	*3	
6	1		4	*2	
7	2	Typical Floor Plan for Digital Services Complex With One Mass Announcement System No. 4 ESS	Section 18.6 — Typical Floor Plan Layouts		
8	1		1	*2	Common System and Toll System Frames Designed Especially for No. 4 ESS
Section 18.2 — Single and Double Bay Frame Details			2	1	Common Systems and Toll Systems Frames Designed Especially for Use in No. 4 ESS
1	2	Single and Double Bay Frame Details No. 4 ESS	Section 18.9 — Floor Plan Layout		
2	*3	Single, Double, and Triple Bay Frame Details No. 4 ESS	1	3	Floor Plan Layout No. 4 ESS Multifrequency Signaling Frame
3	1		3	1	Toll System J68952 Digroup Terminal
Section 18.3 — Minimum Maintenance and Wiring Aisle Clearance at Columns			4	1	Toll System J68952 Digroup Terminal
1	2	End Guard Clearances No. 4 ESS	SECTION 20 — DATA SYSTEMS		
2	2	Minimum Maintenance and Wiring Aisle	Section 20.1 — Central Office		
			Section 20.1.1 — Test Equipment		
			1	1	Central Office Consoles 904 Data Test Center

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SH	ISS	SUBJECT
2	1	Central Office Relay Rack 904 Data Test Center

3	1	Wideband Service Bays
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Section 20.2 — Digital Data System

Section 20.2.1 — Office Channel Units, Multiplexing and Timing Units

1	2	Digital Data System — Frame Details for Office Channel Unit — Multiplexing and Timing Unit Bays
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Section 20.2.2 — Test Equipment

(Information now in Section 807-601-150-4)

Section 20.2.3 — Frame Details for Digital Equipment Switch Digital Data Systems

1	1	Frame Details for Digital Equipment Switched Digital Data System
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1A	1	Frame Details for Digital Equipment Switched Digital Data System
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SECTION 21 — TRAFFIC SERVICE SYSTEMS

Section 21.1 — Traffic Service Position System No. 1

Section 21.1.1 — Table of Frames

Section 21.1.2 — Frame Details

Section 21.1.3 — Miscellaneous

5	1	Typical Frame Lineup Arrangement for Foot Column Spacing TSPS No. 1
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Section 21.1.4 — Distributing Frames

Section 21.1.5 — Floor Plan Rules

Section 21.1.6 — Equipment Units

Section 21.5 — Automatic Intercept System

Section 21.5.1 — Table of Frames

1	3	Table of Frames and Floor Plan Conventions — Automatic Intercept System
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SH	ISS	SUBJECT
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Section 21.5.2 — Frame and Cabinets

1	2	Single Frame Details — Automatic Intercept System
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2	2	KS-19725 Announcement System Automatic Intercept System
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3	3	Recorded Announcement Frame — Automatic Intercept System
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4	1	Traffic Service Systems File Subsystem — Automatic Intercept System
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Section 21.5.3 — Auxiliary Service Position

1	1	Auxiliary Services — Positions 3A and 3B
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2	1	Auxiliary Services — Position 4A
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Section 21.5.4 — Power Distributing Frame

1	1	Location of Power Distributing Frame With Respect to Cable Hole
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Section 21.5.5 — Floor Plan Rules

1	2	Floor Plan Rules Automatic Intercept System
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2	4	Floor Plan Rules — Automatic Intercept System
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Section 21.5.6 — Heat Dissipation

1	3	Heat Dissipation — Automatic Intercept System
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Section 21.5.9 — Floor Plan Layout

1	4	Automatic Intercept System
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2	2	Floor Plan Layout — Automatic Intercept System
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3	1	Automatic Intercept System
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SH	ISS	SUBJECT	SH	ISS	SUBJECT
SECTION 22 — TRAFFIC MANAGEMENT SYSTEMS			Section 23.5 — Centralized Switching Systems Maintenance		
Section 22.0 — EADAS Network System			Section 23.5.1 — Floor Plan Layouts		
Section 22.1 — Traffic Data Recording System No. 1A			1	*6	16-Office Guideline Floor Plan No.1 and No. 2 Switching Control Center System PDP 11/40 or 11/70 Configuration
Section 22.1.1 Frame and Racks			1A	5	16-Office Guideline Floor Plan No.1 and No. 2 Switching Control Center System PDP 11/40 Configuration
Section 22.2 — EADAS Network Management System			1B	4	16-Office Guideline Floor Plan No.1 and No. 2 Switching Control Center System PDP 11/40 Configuration
SECTION 23 — PLANT SERVICE SYSTEMS			1C	*4	16-Office Guideline Floor Plan No.1 and No. 2 Switching Control Center System PDP 11/70 Configuration
Section 23.1 — Circuit Maintenance System No. 1A			1D	*4	16-Office Guideline Floor Plan No.1 and No. 2 Switching Control Center System
Section 23.1.1 — Floor Plan Layouts			2	5	Typical Switching Control and Computer Cabinet Arrangement No.1 and No. 2 Switching Control Center System PDP 11/40 Configuration
2	3	Plant Service Systems — Test Position No. 51A Floor Plan Layout	2A	3	Typical Switching Control and Computer Cabinet Arrangement No.1 and No. 2 Switching Control Center System PDP 11/40 Configuration
Section 23.2 — Cable Pressure Monitoring System			2B	5	Typical Switching Control and Computer Cabinet Arrangement No.1 and No. 2 Switching Control Center System PDP 11/40 Configuration
Section 23.2.1 — Remote Terminal			2C	*4	Typical Switching Control and Computer Cabinet Arrangement No.1 and No. 2 Switching Control Center System PDP 11/40 Configuration
1	2	Plant Service System Cable Pressure Monitoring System CPMS Remote Terminal	2D	*4	Typical Switching Control and Computer Cabinet Arrangement No.1 and No. 2 Switching Control Center System PDP 11/40 Configuration
Section 23.2.2 — Central Terminal			2E	*4	Typical Switching Control and Computer Cabinet Arrangement No.1 and No. 2 Switching Control Center System PDP 11/40 Configuration
1	4	Plant Service System — Cable Pressure Monitoring System — Digital Data Processor	2F	3	ATA Central Computer Cabinet Arrangement PDP 11/40 Configuration
Section 23.4 — Exchange Testing			2G	3	ATA Central Computer Cabinet Arrangement PDP 11/40 Configuration
Section 23.4.1 — Line Status Verifier					
1	4	Line Status Verifier			
2	2	Exchange Testing Line Status Verifier — Line Fault Detection Frame — Plant Service System			
3	2	Exchange Testing Line Status Verifier — Position Control and Outgoing Trunk Switch Frame — Plant Service System			
4	2	Exchange Testing Line Status Verifier — Position Control Frame — Plant Service System			

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SH	ISS	SUBJECT
2H	3	ATA Central Computer Cabinet Arrangement PDP 11/40 Configuration
2J	2	ATA Central Computer Cabinet Arrangement PDP 11/70 Configuration
2K	2	ATA Central Computer Cabinet Arrangement PDP 11/70 Configuration
2L	2	ATA Central Computer Cabinet Arrangement PDP 11/70 Configuration
3	*5	Office Control Work Station No. 1 and No. 2 Switching Control Center System
4	2	Typical Critical Indicator Panel Arrangement No. 1 and No. 2 Switching Control Center System
5	*3	Analysis Work Station No. 1 and No. 2 Switching Control Center System
5A	1	Analysis Work Station Automatic Trouble Analysis
6	*3	Trunk Work Station No. 1 and No. 2 Switching Control Center System

SH	ISS	SUBJECT
7	3	Typical Alarm Monitor Arrangement No. 1 and No. 2 Switching Control Center System

Section 23.6 — Transmission Maintenance Systems

Section 23.6.1 — Floor Plan Layouts

SH	ISS	SUBJECT
3	1	Outgoing Trunk Testing System Transmission

Section 23.7 — Switched Access Remote Test System (SARTS) 1A

Section 23.7.1 — Floor Plant Layouts

Section 23.8 — Circuit Maintenance System 2A (CMS 2A)

SECTION 24 — NEBS ELECTRONIC OFFICES

Section 24.1 — Community Dial (No. 3 ESS)

Section 24.2 — Medium Size (No. 2 ESS)

Section 24.3 — Metropolitan (No. 1 ESS)

Section 24.4 — Toll Center No. 4 ESS

Section 24.5 — Repeater

Section 24.6 — Radio Relay

Section 24.7 — Power Feed

GROUP III			
		12.5	Sheet 1 Replaced By: 820-001-150-5 Sheet 1
3.3	Sheet 134, Issue 1 Replaced By: 801-015-151-4	12.9	Sheet 1 Replaced By: 820-001-150-6 Sheet 1
3.3	Sheet 145 Replaced By: 804-340-150-4 Sheet 1 804-630-156-1 Sheets 1 & 2 804-630-156-2 Sheets 1 & 2 804-630-156-3 Sheets 1 & 2	14.1	Sheet 1 Replaced By: 820-700-150-1 Sheet 1
		14.2	Sheet 1 Replaced By: 802-700-150-2 Sheet 1
7.1	Sheet 133 Replaced By: 801-500-150-1 Sheets 1 & 2 801-500-150-2 Sheets 1 & 2 801-500-150-3 Sheets 1 & 2 Rated Mfg. Disc.	14.3	Sheet 1 Replaced By: 802-700-150-3 Sheet 1
		14.3	Sheet 2 Replaced By: 820-700-150-4 Sheet 1
7.1	Sheet 174 Replaced By: 801-523-152-1 Sheets 1 & 2	14.4	Sheet 1 Replaced By: 820-700-150-5 Sheet 1
7.1	Sheet 175 Replaced By: 801-525-153-1 Sheets 1 & 2	14.5	Sheet Replaced By: 820-700-150-6 Sheet 1
7.1	Sheet 192 Replaced By: 801-525-152-2 Sheets 1 & 2	14.6	Sheet 1 Replaced By: 820-700-150-7 Sheet 1
7.1	Sheet 193 Replaced By: 801-525-154-1 Sheets 1 & 2	16.1	Sheets 1 & 2 Replaced By: 820-600-150-1 Sheets 1 & 2
7.1	Sheets 213A through E Replaced By: 801-915-152-1 Sheets 1 through 5	16.2	Sheets 1 & 2 Replaced By: 820-600-150-2 Sheets 2 & 3
8.1	Sheet 51 Replaced By: 802-921-150-1 Sheet 1 802-922-150-1 Sheet 1 802-930-155-1 Sheet 1 802-931-150-1 Sheet 1 802-932-150-1 Sheet 1 802-939-150-1 Sheet 1 802-700-150-2 Sheet 1	16.3	Sheets 1 through 4 Replaced By: 820-600-150-3 Sheets 1 through 4
		16.4	Sheets 1 through 6 Replaced By: 820-600-150-4 Sheets 1 through 8
		16.5	Sheets 1 through 4 Replaced By: 820-600-150-5 Sheets 1 through 4
12.1	Sheets 1 through 6 Replaced By: 820-001-150-1 Sheets 1 through 8	16.6	Sheet 1 Replaced By: 820-600-150-6 Sheet 1
12.2	Sheets 1A and 1B Replaced By: 820-001-150-2 Sheets 1 through 3	16.9	Sheets 1, 2, 5, 6 Replaced By: 820-600-150-9 Sheets 2, 4, 6, 7, 8
12.3	Sheet 1 Replaced By: 820-001-150-3 Sheet 1	20.2.1	Sheet 2 Replaced By: 807-601-150-1 Sheets 4, 5, 6
12.4	Sheets 1, 2, 3A, 3B, 4, 5 Replaced By: 820-001-150-4 Sheets 1 through 6	20.2.2	Sheet 1 Replaced By: 807-601-150-1 Sheets 1 through 6

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21.1.1	Sheets 1 & 2 Replaced By: 821-100-150-1 Sheets 1 through 3	23.4.2	Sheet 6 Replaced By: 824-101-112-6 Sheet 1
21.1.2	Sheets 1 & 2 Replaced By: 821-100-150-2 Sheet 1	23.4.2	Sheet 7 Replaced By: 824-101-112-7 Sheet 1
21.1.3	Sheets 1, 2, 3, 4 Replaced By: 821-100-150-3 Sheet 1	23.4.2	Sheet 8 Replaced By: 824-101-112-8 Sheet 1
21.1.4	Sheet 1 Replaced By: 821-100-150-4 Sheet 1	23.4.2	Sheet 9 Replaced By: 824-101-112-9 Sheet 1
21.1.5	Sheets 1 & 2 Replaced By: 821-100-150-5 Sheet 1 & 2	23.4.2	Sheet 10 Replaced By: 824-101-112-10 Sheet 1
21.1.6	Sheet 1 Replaced By: 821-100-150-6 Sheet 1	23.4.2	Sheet 11 Replaced By: 824-101-112-11 Sheet 1
22.0	Sheet 1 Replaced By: 822-116-151-1 Sheets 1 & 2	23.4.2	Sheet 12 Replaced By: 824-101-112-12 Sheet 1
22.0	Sheets 2 & 3 Replaced By: 822-116-151-2 Sheets 1 through 6	23.6.1	Sheet 1 Replaced By: 824-101-110-1
22.2	Sheet 6 Replaced By: 822-116-153-1 Sheet 1	23.6.1	Sheet 2 Replaced By: 824-101-110-2
22.2	Sheet 7 Replaced By: 822-116-153-2 Sheets 1 through 5	23.7.1	Sheets 1 & 2 Replaced By: 824-102-102-1 Sheets 1 & 2
22.2	Sheet 8 Replaced By: 822-116-153-3 Sheets 1 through 7	23.7.1	Sheet 3 Replaced By: 824-102-101-1 Sheet 1
22.3	Sheets 1 through 3 Replaced By: 822-230-150-1 Sheets 1 through 4	23.7.1	Sheet 4 Replaced By: 824-102-101-1 Sheet 3
22.3	Sheets 4 & 5 Replaced By: 822-230-150-2 Sheet 1	23.8.1	Sheets 1 through 4 Replaced By: 824-101-107-1 Sheets 1 through 4
23.1.1	Sheets 1 & 3 Replaced By: 824-101-100-1 Sheets 1 & 2	760-550-300-1 760-550-300-2 760-550-300-3 760-550-300-4 760-550-300-5	Sheets 3 through 6 Replaced By:
23.4.2	Sheet 1 Replaced By: 824-101-112-1 Sheet 1		
23.4.2	Sheet 2 Replaced By: 824-101-112-2 Sheet 1	801-408-153-1	Sheets 1 through 4 Replaced By: 801-408-153-3
23.4.2	Sheet 3 Replaced By: 824-101-112-3 Sheet 1	801-408-153-2	Sheets 1 through 4 Replaced By: 801-408-153-4
23.4.2	Sheet 4 Replaced By: 824-101-112-4 Sheet 1	801-500-150-3	Replaced By: 801-500-150-4
23.4.2	Sheet 5 Replaced By: 824-101-112-5 Sheet 1	824-102-102-1	Sheets 1 through 3 Replaced By: 824-102-102-2 Sheets 1 through 4