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A	CONTENTS			SHEET NO.			SHEET ISSUE NO.	CONTENTS			SHEET NO.			SHEET ISSUE NO.	CONTENTS			SHEET NO.			SHEET ISSUE NO.	OPTION INDEX			APP OR WIRING	RATED ON ISSUE	REF NOTES	LOCATION	DWG ISSUE	CD ISSUE	DATE ISSUED	DRN	APPD	A																																																																																																																																																																																																																																																																																																																													
	SHEET INDEX- ENGINEERING AND MANUFACTURING SUPPORTING INFORMATION OPTION INDEX			PRIOR TO ISSUE 6M	CURRENT ISSUE	PRIOR TO ISSUE 6M			PRIOR TO ISSUE 6M	CURRENT ISSUE	PRIOR TO ISSUE 6M				PRIOR TO ISSUE 6M	CURRENT ISSUE																																																																																																																																																																																																																																																																																																																																															
B	SHEET INDEX- ENGINEERING AND MANUFACTURING SUPPORTING INFORMATION OPTION INDEX			A1	A1	8.9	SHEET ISSUE NO.	FS 7 SERIAL I/O			B#7AA B7AA 8			SHEET ISSUE NO.	INFORMATION NOTES			D#1 D2 8.9			SHEET ISSUE NO.	X STD 1 5/1, 9/4			G	STD 2		4/1, 4/2, 11/1, 11/2, CAD 100, 101 108, 109	2B	I APP 1B	7-11-84				B																																																																																																																																																																																																																																																																																																																												
	SHEET NUMBER CANCELED ON DWG ISS 6B			A#1				B#7AB B7AB 8			B#7CA B7CA 8				D#2 D3 8			D#3 D4 8				Y STD 1 9/4																																																																																																																																																																																																																																																																																																																																									
C	MNEMONIC INDEX			A#2	A2	8	SHEET ISSUE NO.	FS 8 PERIPHERAL CONTROLLER AND PORT SWITCH UNIT			B#8AA B8AA 8			SHEET ISSUE NO.	D#4 D5 8			D#5 D6 8			SHEET ISSUE NO.	Z STD 1 7/3, 7/4			G	STD 2		4/1, 4/2, 11/1, 11/2, CAD 100, 101 108, 109	3AC	I APP 2AC	7-11-84				C																																																																																																																																																																																																																																																																																																																												
	APPARATUS INDEX			A#3	A3	8		B#8AB B8AB 8			B#8AC B8AC 8				D#6 D7 8			D#7 D8 8				V STD 1 3/3, CAD 175																																																																																																																																																																																																																																																																																																																																									
D	INTRAFRAME LEAD INDEX			A#4	A4	8	SHEET ISSUE NO.	FS 9 POWER AND POWER CONTROL			B#8AD B8AD 8			SHEET ISSUE NO.	D#8 D9 8			D#9 D10 8			SHEET ISSUE NO.	H STD 1 9/1			G	STD 2		4/1, 4/2, 11/1, 11/2, CAD 100, 101 108, 109	4B	I APP 3B	11-26-84				D																																																																																																																																																																																																																																																																																																																												
	FS 1 PC GROWTH COMMUNICATIONS			A#5	A5	8		B#8AB B8AB 8			B#8AC B8AC 8				D#10 D11 8			D#11 D12 8				J STD 1 9/3																																																																																																																																																																																																																																																																																																																																									
E	FS 2 MAINSTORE GROWTH			B#2AA	B2AA	8.9	SHEET ISSUE NO.	FS 10 POI AND DFCI INTERFACE			B#8AD B8AD 8			SHEET ISSUE NO.	D#12 D13 8			D#13 D14 8			SHEET ISSUE NO.	K STD 1 9/4			G	STD 2		4/1, 4/2, 11/1, 11/2, CAD 100, 101 108, 109	5A	I APP 4A	2-15-85				E																																																																																																																																																																																																																																																																																																																												
	B#2CA B2CA 8.9							B#8AB B8AB 8			B#8AC B8AC 8				D#14 D15 8			D#15 D16 8				M STD 3 9/1, CAD 023																																																																																																																																																																																																																																																																																																																																									
F	FS 3 CENTRAL CONTROL INPUT-OUTPUT BUS			B#2CB	B2CB	8.9	SHEET ISSUE NO.	FS 11 MAIN STORE BUS			B#8AD B8AD 8			SHEET ISSUE NO.	D#16 D17 8			D#17 D18 8			SHEET ISSUE NO.	N STD 2 9/3, CAD 022			G	STD 2		4/1, 4/2, 11/1, 11/2, CAD 100, 101 108, 109	6B	I APP 5B	04-28-85				F																																																																																																																																																																																																																																																																																																																												
	B#2CC B2CC 8.9							B#8AB B8AB 8			B#8AC B8AC 8				D#18 D19 8			D#19 D20 8.9				P STD 1 9/1, 9/4																																																																																																																																																																																																																																																																																																																																									
G	FS 4 STORE UPDATE			B#3AA	B3AA	8.9	SHEET ISSUE NO.	CROSS-CONNECTION NOTES			B#8AD B8AD 8			SHEET ISSUE NO.	D#25 D25 8			CADS 002,003,004,005			SHEET ISSUE NO.	Q STD 1 9/3, 9/4			G	STD 2		4/1, 4/2, 11/1, 11/2, CAD 100, 101 108, 109	7AC	I APP 6AC	9-25-85				G																																																																																																																																																																																																																																																																																																																												
	B#3AB B3AB 8							CADS 006,007,008,009,010,011,012			B#8AB B8AB 8				GB2 GB2 8.9			CADS 013,014,015,016,017,018,019,020,022				R STD 1 9/2, 9/4																																																																																																																																																																																																																																																																																																																																									
H	FS 5 MAINTENANCE CHANNEL			B#3CA	B3CA	8.9	SHEET ISSUE NO.	CADS 022,023,024,025,026			B#8AC B8AC 8			SHEET ISSUE NO.	GB3 GB3 8.9			CADS 026,027,028,029				S STD 1 9/2			G	STD 2		4/1, 4/2, 11/1, 11/2, CAD 100, 101 108, 109																																																																																																																																																																																																																																																																																																																																			

DESIGNATION MNEMONICS LEAD INDEX											
MNEMONICS	ES/SYM	DEFINITION	MNEMONICS	ES/SYM	DEFINITION	MNEMONICS	ES/SYM	DEFINITION	MNEMONICS	ES/SYM	DEFINITION
ADPC00	2/1	MEMORY ARRAY COLUMN ADDR PARITY	CLK1(N,P)	5/1	MAINTENANCE CHANNEL CLK1 (NEG POS)	D0(00-31)0	2/1	DESTINATION BITS (00-31)	OCLR10	4/1	READ AND CLEAR SIGNAL FROM OT CU
ADPC00	2/1	MEMORY ARRAY ROW ADDRESS PARIT	CLK2(N,P)	5/2	MAINTENANCE CHANNEL CLK2 (NEG POS)	D1ABUS0	3/1	DMA 1 LESS THE STORE ADDRESS 8	ODBUS0	4/1	STORE DATA BUS CONTROL TO OT CU
ALRM0	9/1	PC COMMUNITY POWER ALARM	CLRM00	2/1	CLEAR MAIN STORE CONTROLLER	D1CLR0	3/2	DMA 1 REQUESTS A READ AND CL OPERATION FROM MAIN STORE	OOL20	1/1	OUT OF LIMITS COMM 2
A002(0,1)	2/1	HALF MEMORY ARRAY SELECT (0 or	CLRPC20	1/2	CLEAR PERIPHERAL CONTROL (COMMUNITY 2)	D1DBUS0	3/1	DMA 1 HAS THE STORE ADDRESS BU	OOL30	1/3	OUT OF LIMITS COMM 3
A0(03-18)1	2/1	MEMORY ARRAY ROW AND COL ADDRESS (03-18)	CLRPC30	1/4	CLEAR PERIPHERAL CONTROL (COMMUNITY 3)	D1SG00	3/2	DMA 1 STORE GO SIGNAL	OOS21	1/2	OUT OF SERVICE COMM 2
A019(0,1)	2/1	HALF MEMORY ARRAY SELECT (A or	CLR0	11/2	READ AND CLEAR OPERATION TO M STORE CONTROLLER	D1WRT0	3/2	DMA 1 REQUESTS A WRITE OPERAT TO MAIN STORE	OOS31	1/4	OUT OF SERVICE COMM 3
BA0(0,1)P1	213	EIA SEND DATA CHANNEL 0	CMP(A,B,D,F,G)	9/1-3	CURRENT PROGRAMMING (CONVER A,B,D,F,G) NEGATIVE SIDE	EADP0	2/1	EAI	OSCM0	4/1	STORE COMPLETED TO OTHER CU
BA1(0,1)P1	214	EIA SEND DATA CHANNEL 1	CPP(A,B,D,F,G)	9/1-3	CURRENT PROGRAMMING (CONVER A,B,D,F,G) POSITIVE SIDE	ECCID0	6/1	EAI CC IDENTIFICATION	OSGD00	4/1	STORE GO SIGNAL TO OTHER CU
BBRC0(0,1)P1	213	EIA RECEIVE DATA CHANNEL 0	CSA(20-23,30-33)0	1/1,3	CONTROL SIGNAL ACKNOWLEDGE (23,30-33)	EPULL0(00,10)	213	CHANNEL 0 PULL UP	OTO	9/1	POWER OUT OF TOLERANCE
BBRC1(0,1)P1	214	EIA RECEIVE DATA CHANNEL 1	DAHA(N,P)	5/1	MCH A PORT "HIGH" SERIAL D (NEG AND POS)	EPULL1(00,10)	214	CHANNEL 1 PULL UP	OUPD0	4/1	UPDATE
CBR0(0,1)P0	213	EIA CLEAR TO SEND CHANNEL 0	DALA(N,P)	5/1	MCH A PORT "LOW" SERIAL DATA (AND POS)	ER(1,8)	213,214	EIA RETURN PC COMM (1-8)	OWRT0	4/1	WRITE
CBR1(0,1)P0	214	EIA CLEAR TO SEND CHANNEL 1	DH00(0-3)0	2/1	DH(0-3) MODIFY STORE DATA-B 0-3 PARITY	ER2(0-3)0	1/1	ERROR [PC COMM 2, PC(0-3)]	PA	9/2	POWER ALARM
CCALM0	9/2	CPU CONVERTER ALARM	DMAD2(0-8)1	1/1	DIRECT MEMORY ACCESS D (COMMUNITY 2, BITS 0-8)	ER3(0-3)0	1/3	ERROR [PC COMM 3, PC(0-3)]	PAR	9/2	POWER ALARM RETURN
CCINTL(B,C,D)	9/1-3	CPU CONVERTER INTERLOCK (B,C,D)	DMAD3(0-8)1	1/3	DIRECT MEMORY ACCESS D (COMMUNITY 3, BITS 0-8)	FPWRFO	9/4	FORCE POWER FAULT	PCRTCTSO	8/3	PORT SWITCH CLEAR TO SEND
CCR0(0,1)P0	213	EIA DATA SET READY CHANNEL 0	DMA0C20	1/2	DMA OPERATION COMPLETE (PC C 2)	ICALM10	9/1	IOP CONVERTER ALARM 1	PCRTDCD0	8/3	PORT SWITCH DATA CARRIER DETEC
CCR1(0,1)(P0,P1)	214	EIA DATA SET READY CHANNEL 1	DMA0C30	1/4	DMA OPERATION COMPLETE (PC C 3)	ICSTN	9/4	IOP CONVERTER START LOOP (SIDE)	PCRTDSRO	8/3	PORT SWITCH DATA SET READY
CCST(N,P)	9/2	CPU CONVERTER START LOOP NEG/P	DMARD20	1/2	DMA READ (PC COMM2)	ICSTP	9/4	IOP CONVERTER START LOOP (SIDE)	PCRTDTR0	8/3	PORT SWITCH DATA TERMINAL READ
CER0(0,1)P0	213	EIA RING INDICATOR CHANNEL 0	DNARD30	1/4	DMA READ (PC COMM 3)	ILMT0	9/4	IOP LAMP TEST	PCRTRTSO	8/3	PORT SWITCH REQUEST TO SEND
CER1(0,1)P0	214	EIA RING INDICATOR CHANNEL 1	DMARG20	1/2	DMA REQUEST (PC COMM 2)	INITD0	9/2	INITIALIZATION LEAD (D COPY) COOLING UNITS	PCRTRXD0	8/3	PORT SWITCH RECEIVE DATA
CFR0(0,1)P0	213	EIA CARRIER CHANNEL 0	DMARD30	1/4	DMA REQUEST (PC COMM 3)	INT0(0-3)0	3/2	INTERRUPT FROM CHANNEL (0-3)	PCRTTXD0	8/3	PORT SWITCH TRANSMIT DATA
CFR1(0,1)P0	214	EIA CARRIER CHANNEL 0	DMAWR20	1/2	DMA WRITE (PC COMM 2)	INT100	3/2	INTERRUPT FROM DMA 0	PCSEL2(0-3)0	1/2	PERIPHERAL CONTROLLER SFLECT COMM 2 PC (0-3)
CINT(2,3)0	1/2,4	COMMAND INTERRUPT (2,3)	DMAWR30	1/4	DMA WRITE (PC COMM 3)	INT110	3/2	INTERRUPT FROM CHANNEL 11			
CIOAD(0-5)00	3/1	CACHE DATA BITS (0-5)	DMA2(00-15)1	1/2	DMA2 BUS BIT (00-15)	INT120	3/2	INTERRUPT FROM CHANNEL 12			
CIOAK(0-5)00	3/1-2	CCIO ACKNOWLEDGE BITS (0-5)	DMA3(00-15)1	1/4	DMA3 BUS BIT (00-15)	INT150	3/2	INTERRUPT FROM DMA 1			
CIOASW0	3/2	CCIO ALL SEEMS WELL BIT	DPA00	2.1	HAMMING BIT A	INT160	3/2	INTERRUPT FROM CHANNEL 16			
CIOCERO	3/2	CCIC CHANNEL IO ERROR	DP(X,Y,Z)00	2/1	HAMMING BIT (X,Y,Z)	INT170	3/2	INTERRUPT FROM CHANNEL 17			
CIOCLE0	3/1	CCIO CLEAR IO CHANNEL ERROR	DTR(00,01)P0	213	EIA DATA TERMINAL READY CHANNE	INT2(0-3)0	1/1	IO INTERRUPT REQUEST [PC COMM PC (0-3)]			
CIOD(00-35)0	3/1-2	CENTRAL CONTROL INPUT/OUTPUT BITS (00-35)	DTR(10,11)P0	214	EIA DATA TERMINAL READY CHANNE	INT3(0-3)0	1/3	IO INTERRUPT REQUEST [PC COMM PC (0-3)]			
CIOEACK0	3/1	CCIO ERROR ACKNOWLEDGE	DOABUS0	3/1	DMA 0 LESS THE STORE ADDRESS 8	MJ	9/2	MAJOR ALARM			
CIOIAK0	3/1	CCIO INTERRUPT ACKNOWLEDGE	DOCLR0	3/2	DMA 0 REQUESTS A CLEAR AND R OPERATION	MJR	9/2	MAJOR ALARM RETURN			
CIOIDL0	3/1	CCIO IDLE	DODBUS0	3/1	DMA 0 HAS THE STORE ADDRESS BU	MYSER(A,B,C,D)0	11/1	MY STORE ERROR (A-D)			
CIOINH0	3/1	CCIO INHIBIT	DOSCM0	3/1	STORE COMPLETED TO DMA 0	N48VCPU(1,6)	9/1,2,3	-48 VOLT CPU (1-6)			
CIOMRO	3/1	CCIO MAINTENANCE REQUEST	DOSG00	3/2	DMA 0 STORE GO SIGNAL	N48VDFC(1,2)	9/3	-48 VOLT DFC (1-2)			
CIORDY0	3/2	CCIO READY	DOWRT0	3/2	DMA 0 REQUESTS A WRITE OPERAT TO MAIN STORE	N48VFAN(1,4)	9/3,5	-48 VOLT FAN (1-4)			
CIORDO	3/1	CCIO READ DATA REQUEST				N48VFCL(1,2)	9/5	-48 VOLT COOLING UNIT (1-2)			
CIORIN0	3/1	CCIO READ INTERRUPT REQUEST				N48VIOP(1,8)	9/1,4	-48 VOLT IOP (1-8)			
CIORSR0	3/1	CCIO READ SERVICE REQUEST				N48V(1,8)	9/6,11	-48 VOLT FRAME INPUT (1-8)			
CIORST0	3/1	CCIO READ STATUS REQUEST				OABUS0	4/1	STORE ADDRESS BUS CONTROL OTHER CU			
CIOSAK0	3/1	CCIO SERVICE REQUEST ACKNOWLED									
CIOWCA0	3/1	CCIO WRITE COMMAND AND ADDRESS									
CIOWDO	3/1	CCIO WRITE DATA REQUEST									

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PROCESSOR CONTROL CABINET

DWG SIZE
 C2

ISSUE
 8M

AT&T

SD-4C119-01

A2

DESIGNATION MNEMONICS LEAD INDEX											
MNEMONICS	ES/SYM	DEFINITION	MNEMONICS	ES/SYM	DEFINITION	MNEMONICS	ES/SYM	DEFINITION	MNEMONICS	ES/SYM	DEFINITION
PCSEL3(0-3)G	1/4	PERIPHERAL CONTROLLER SELECT COMM 3 PC (0-3)	SCR311	11/2	STORE CONTROL REGISTER BIT 31			0-35	(0,1)EARCV0(N,P)	6/1	BAY 0 OR 1, EAI SERIAL RECEI DATA FROM IOP 0 (NEG OR POS)
PPRTCTSO	8/3	PORT SWITCH CARRIER TERMI SIGNAL	SD(00,02)1	11/1	STORE DATA BITS (00-02)	SUER(A,D)1	4/1	OTHER STORAGE ERROR (A,D) F OTHER CU	(0,1)EARCV1(N,P)	6/1	BAY 0 OR 1, EAI SERIAL RECEI DATA FROM IOP 1 (NEG OR POS)
PPRTDCD0	8/3	PORT SWITCH DATA CARRIER DETEC	SD(03,19)1	11/1	STORE DATA BITS (03-19)	SUHALF0	4/1	HALF WORD OPERATION TO OTHER C	(0,1)EARTS0(N,P)	6/1	BAY 0 OR 1, SERVICE REQUEST MTCE PC 0, NEG OR POS
PPRTDSR0	8/3	PORT SWITCH DATA SET READY	SD(20-35)1	11/1	STORE DATA BITS (20-35)1	SUMANT0	4/1	STORE MAINTENANCE OPERATION OTHER CU	(0,1)EARTS1(N,P)	6/1	BAY 0 OR 1, SERVICE REQUEST MTCE PC 1, NEG OR POS
PPRTDTR0	8/3	PORT SWITCH DATA TERMINAL READ	SELCEV00	2/1	SELECT COLUMN EVEN RESPONSE F MEMORY ARRAY	TXCAENN	10/1	DISK INTERFACE ENABLE, NEG	(0,1)EAXMT0(N,P)	6/1	BAY 0 OR 1, SERIAL TRANSMIT DATA TO MTCE PC 0, NEG OR POS
PPRTRTS0	8/3	PORT SWITCH READY TO SEND	SELCD000	2/1	SELECT COLUMN ODD RESPONSE F MEMORY ARRAY	TXCAENP	10/1	DISK INTERFACE ENABLE, POS	(0,1)EAXMT1(N,P)	6/1	BAY 0 OR 1, SERIAL TRANSMIT DATA TO MTCE PC 1, NEG OR POS
PPRTRXD0	8/3	PORT SWITCH RECEIVE DATA	SELREV00	2/1	SELECT ROW EVEN RESPONSE F MEMORY ARRAY	TXCK(00,07)(N,P)	10/2-9	DISK TRANSMIT CLOCK (00-07) AND POS	(0,1)SC(00,45)(N,P)	8/3-9	BAY 0 OR 1, SCAN LEADS (00-45) NEG AND POS
PPRTTXD0	8/3	PORT SWITCH TRANSMIT DATA	SELROD00	2/1	SELECT ROW ODD RESPONSE F MEMORY ARRAY	TXCMD(00,09)(N,P)	10/1	DISK COMMAND DATA (00-09)	(0,1)SD(00,31)(N,P)	8/3-9	BAY 0 OR 1, SIGNAL DISTRIBUTIO LEADS, 00-31, NEG AND POS SIDE
PROGDMA1	3/3	PROGRAMMED IO OR DMA SELECT	SEL0(08-15)	2/1	MEMORY ARRAY SELECT SIGNAL (15)	TXDT(00,07)(N,P)	10/2-9	DISK WRITE DATA (0-7) NEG AND			
PWRCLR0	11/1	POWER CLEAR	SER000	3/2	SERVICE REQUEST FROM CHANNEL 0	TXTAG0(N,P)	10/1	DISK CYLINDER STROBE NEG/POS			
RCVCK(00,07)(N,P)	10/2-9	DISK READ CLOCK (0-7)N/P	SER010	3/2	SERVICE REQUEST FROM CHANNEL 1	TXTAG1(N,P)	10/1	DISK HEAD SELECT STROBE NEG/PO			
RCVDT(00,07)(N,P)	10/2-9	DISK READ DATA 0-7, NEG/POS	SER020	3/2	SERVICE REQUEST FROM CHANNEL 2	TXTAG2(N,P)	10/1	DISK COMMAND STROBE NEG/POS			
RCVSV(00,07)(N,P)	10/2-9	DISK SERVO CLOCK (0-7), NET/PO	SER030	3/2	SERVICE REQUEST FROM CHANNEL 3	TXUSSTB(N,P)	10/1	DISK UNIT SELECT STROBE (NEG/P			
READ01	2/1	READ SIGNAL TO MEMORY ARRAYS	SG00	11/2	STORE GO	TXUS(0,3)(N,P)	10/1	DISK UNIT SELECT ADDRESS NEG/POS			
REF00	2/1	REFRESH SIGNAL TO MEMORY ARRAY	SG0(01,31)	2/1	GO SIGNALS TO MEMORY ARRAYS	UABUS0	4/1	STORE ADDRESS BUS CONTROL F OTHER CU			
REQA(N,P)	5/1	MCH PORTS INITIALIZATION L (NEG/POS)	SHALF0	11/1	STORE HALF WORD COMMAND	UCLR0	4/1	STORE READ AND CLEAR OPERAT FROM OTHER CU			
RFLT(N,P)	10/1	DISK FAULT (NEG/POS)	SISL820	1/2	SET ISOLATE COMM 2	UDBUS0	4/1	STORE DATA BUS CONTRGL FROM OT CU			
RHDUNL(N,P)	10/1	DISK HEADS UNLOADED (NEG/POS)	SISL830	1/4	SET ISOLATE COMM 3	USCM0	4/1	STORE COMPLETE SIGNAL FROM OT CU			
RHTMP(N,P)	10/1	DISK HIGH TEMPERATURE (NEG/POS)	SIS040	3/1	INTERRUPT SET BIT 4	USG00	4/1	STORE GO SIGNAL FROM OTHER CU			
RINDX(N,P)	10/1	DISK INDEX MARK (NEG/POS)	SIS060	3/1	INTERRUPT SET BIT 6	UUPD0	4/1	MY CU IS IN UPDATE TO OTHER CU			
RISL820	1/2	DISK ISOLATE 20	SIS070	3/1	INTERRUPT SET BIT 7	UWRT0	4/1	STORE WRITE OPERATION FROM OT CU			
RISL830	1/4	DISK ISOLATE 30	SIS090	3/1	INTERRUPT SET BIT 9	VLM00	3/2	VLM ID STRAP			
RONCYL(N,P)	10/1	DISK HEADS ON CYLINDER (NEG/PO	SIS100	3/1	CHANNEL INTERRUPT DMA 0	WRTH00	2/1	HAMMING WRITE SIGNALS TO MEM ARRAYS			
RSECM(N,P)	10/1	DISK SECTOR MARK (NEG/POS)	SIS120	3/1	INTERRUPT SET BIT 11	WRT0	11/2	WRITE COMMAND TO STORE			
RSKER(N,P)	10/1	DISK SEEK ERROR (NEG/POS)	SIS130	3/1	INTERRUPT SET BIT 13	WRT000	2/1	WRITE WORD SIGNAL TO MEM ARRAYS			
RTS(00,01)P0	213	EIA REQUEST TO SEND CHANNEL 0	SIS140	3/1	INTERRUPT SET BIT 14	WRT030	2/1	ADDRESS OPTION	(0,1)CRTCTSO	8/1,2	BAY 0 OR 1, PORT SWITCH CLEAR SEND
RTS(10,11)P0	214	EIA REQUEST TO SEND CHANNEL 1	SIS150	3/1	INTERRUPT SET BIT 15	(0,1)CRTDCD0	8/1	BAY 0 OR 1, PORT SWITCH D CARRIER DETECT	(0,1)CRTDSR0	8/1	BAY 0 OR 1, PORT SWITCH DATA READY
RURDY(N,P)	10/1	UNIT READY (NEG/POS)	SMAINT0	11/1	STORE MAINTENANCE OPERATION ACTIVE	(0,1)CRTDTR0	8/1	BAY 0 OR 1, PORT SWITCH D TERMINAL READY	(0,1)CRTRTS0	8/1	BAY 0 OR 1, PRT SWITCH REQUEST SEND
SAK(00,07)(N,P)	10/2-9	DISK SELECT ACKNOWLEDGE (0 (NEG/POS)	SDER(A-D)1	4/1	STORE ERROR (A-D) TO OTHER CU	(0,1)CRTRXD0	8/1	BAY 0 OR 1, PORT SWITCH RECE DATA	(0,1)CRRTXD0	8/1	BAY 0 OR 1, PORT SWITCH TRANS DATA
SA(00,25)1	11/1-2,3/2	STORE ADDRESS BITS (00-25)	SPEED10	3/3	SPEED SELECT FOR CHANNEL 12	(0,1)DKTYP01	7/3	BAY 0 OR 1, DISK TYPE SELECT 0			
SA3(21,51)	11/1-2	STORE ADDRESS PARITY BITS 0 07)1, SA(08-15)1, SA(16-23 SA(24-31)1	SR2(0,3)0	1/1	SERVICE REQUEST COMM 2 PC (0-3						
SBYTE0	11/1	STORE OPERATION ON A BYTE	SR3(0,3)0	1/3	SERVICE REQUEST COMM 3 PC (0-3						
SCA(00,01)P0	213	EIA SECONDARY REQUEST TO S CHANNEL 0	SSR0010	6/2	SYSTEM STATUS REGISTER BIT 0						
SCA(10,11)P0	214	EIA SECONDARY REQUEST TO S CHANNEL 1	STA20	9/2	POWER SEQUENCE START PHASE A						
SCFR(00,01)P0	213	EIA SECONDARY CARRIER CHANNEL	SUA(00,24)1	4/1	STORE ADDRESS BUS BETWEEN C (BIT 00-24)						
SCFR(10,11)P0	214	EIA SECONDARY CARRIER CHANNEL	SUA(32,35)1	4/1	STORE ADDRESS BUS BETWEEN C (BIT 32-35)						
SCM0	11/1	STORE ACCESS COMPLETE SIGNAL	SUBYTE0	4/1	BYTE OPERATION TO OTHER CU						
SCOMP0	11/1	STORE COMMAND BIT PARITY	SUCOMP0	4/1	STORE COMMAND PARITY TO OTHER						
			SUD(00,35)1	4/1	STORE DATA BUS BETWEEN CU'S B						

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DWG SIZE
C2

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8M

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A3

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	0	1	2	3	4	5	6	7	8	9	
	31.25										
A	DESIGNATION MNEMONICS LEAD INDEX										A
	31.2										
B	MNEMONICS	ES/SYM	DEFINITION								B
	(0,1)CLK(0,3) (N,P)	7/1	BAY 0 OR 1, RECEIVE CLOCK FOR DEVICE 0-3, NEG/POS SIDE								
	(0,1)11DAH(0,3) (N,P)	7/1	BAY 0 OR 1, HIGH ORDER DATA FO DEVICE 0-3, NEG/POS								
	(0,1)11DAL(0,3) (N,P)	7/1	BAY 0 OR 1, LOW ORDER DATA FOR DEVICE 0-3, NEG/POS								
	(0,1)11REQ(0,3) (N,P)	7/1	BAY 0 OR 1, REQUESTS FROM DEVICE 0-3, NEG/POS								
	(0,1)11XCK(0,3) (N,P)	7/1	BAY 0 OR 1, TRANSMIT CLOCK FOR DEVICE 0-3, NEG/POS								
C	(0,1)111CLK(0,3) (N,P)	7/2	BAY 0 OR 1, RECEIVE CLOCK FOR DEVICE 0-3, NEG/POS SIDE								C
	(0,1)111DAH(0,3) (N,P)	7/2	BAY 0 OR 1, HIGH ORDER DATA FO DEVICE 0-3, NEG/POS SIDE								
	(0,1)111DAL(0,3) (N,P)	7/2	BAY 0 OR 1, LOW ORDER DATA FOR DEVICE 0-3, NEG/POS SIDE								
	(0,1)111REQ(0,3) (N,P)	7/1	BAY 0 OR 1, REQUESTS FROM DEVICE 0-3, NEG/POS SIDE								
	(0,1)48RCPU(1,6)	9/1-4	BAY 0 OR 1, -48V RETURN CPU 1-								
D	(0,1)48RDFC(1,2)	9/3,5	BAY 0 OR 1, -48V RETURN DFC 1,								D
	(0,1)48RFAN(1,4)	9/5	BAY 0 OR 1, -48V RETURN FAN 1-								
	(0,1)48RFCL(1,2)	9/5	BAY 0 OR 1, -48V RETURN CIRCUIT LOGIC 1,2								
	(0,1)48RIOP(1,8)	9/1-5	BAY 0 OR 1, -48V RETURN IOP (1								
	(0,1)48R(1,8)	9/6,11	BAY 0 OR 1, -48 RETURN (1-8)								
E											E
F											F
G											G
H											H
	0	1	2	3	4	5	6	7	8	9	
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PROCESSOR CONTROL CABINET		DWG SIZE C2
AT&T	SD-4C119-01	ISSUE 8M A4

APPARATUS INDEX										INTERFRAME LEAD INDEX									
EQUIP LOC			LOCATION				DESIG			EQUIP LOC			LOCATION				DESIG		
NO. SH NO.			FS/SYM APPFIG EQPT				FS/SYM CAD			NO. SH NO.			FS/SYM CAD				FS/SYM CAD		
CIRCUIT PACKS			COOLING UNIT				PROC SYS CKT			CIRCUIT PACKS			PROC SYS CKT (CONT)				PROC SYS CKT (CONT)		
UNITS										UNITS									
007-000	1	C1	COOL48	9/9	1	020-000	0SC04N	8/8		007-000	1	C1	FRGRD01B	10/3			RCVDT01P	10/3	
029-000	1	C1	COOL100	8/10	1	020-000	0SC04P	8/8		029-000	1	C1	FRGRD01C	10/3			RCVDT02N	10/4	
038-000	2	C2	COOL1G1	8/11	1	120-000	0SC05N	8/8		038-000	2	C2	FRGRD02A	10/4			RCVDT02P	10/4	
047-000	1	C1	SCANS00	8/8	1	029-000	0SC05P	8/8		047-000	1	C1	FRGRD02B	10/4			RCVDT03N	10/5	
056-000	1	C1	SCANS01	8/9	1	129-000	0SC18N	8/8		056-000	1	C1	FRGRD02C	10/4			SD02G	8/3	
067-000	1	C1					0SC18P	8/8		067-000	1	C1	FRGRD03A	10/5			SD02R	8/3	
129-000	1	C1					3SC19N	8/8		129-000	1	C1	FRGRD03B	10/5			SD03G	8/3	
147-000	1	C1					0SC19P	8/8		147-000	1	C1	FRGRD03C	10/5			SD03R	8/3	
156-000	1	C1					0SC22N	8/8		156-000	1	C1	FRGRD04A	10/6			SD04G	8/3	
167-000	1	C1					0SC22P	8/8		167-000	1	C1	FRGRD04B	10/6			SD04R	8/3	
							0SC23N	8/8					FRGRD04C	10/6			SD05G	8/3	
							0SC23P	8/8					FRGRD05A	10/7			SD05R	8/3	
							0SC44N	8/8					FRGRD05B	10/7			SD06G	8/3	
							0SC44P	8/8					FRGRD05C	10/7			SD06R	8/3	
							0SC45N	8/8					FRGRD06A	10/8			SD07G	8/3	
							0SC45P	8/8					FRGRD06B	10/8			SD07R	8/3	
							0SD04N	8/8					FRGRD06C	10/8			SD08G	8/3	
							0SD04P	8/8					FRGRD07A	10/9			SD08R	8/3	
							0SD05N	8/8					FRGRD07B	10/9			SD09G	8/3	
							0SD05P	8/8					FRGRD07C	10/9			SD09R	8/3	
							0SD18N	8/8					FPCRDA0	10/1			SD10G	8/3	
							0SD18P	8/8					N48V1	9/6			SD10R	8/3	
							0SD19N	8/8											

APPARATUS INDEX										INTERFRAME LEAD INDEX											
EQUIP LOC			LOCATION				DESIG			DESIG			DESIG			DESIG			DESIG		
APP FIGURE			FS/SYM APPFIG EQPT				FS/SYM CAD			FS/SYM CAD			FS/SYM CAD			FS/SYM CAD			FS/SYM CAD		
CIRCUIT PACKS			COOLING UNIT				PROC SYS CKT			PROC SYS CKT (CONT)			PROC SYS CKT (CONT)			PROC SYS CKT (CONT)			PROC SYS CKT (CONT)		
UNITS																					
007-000	1	C1	COOL48	9/9	1	020-000	0SC04N	8/8		FRGRD01B	10/3		RCVDT01P	10/3		SD02G	8/3		TXCMD04P	10/1	
029-000	1	C1	COOL100	8/10	1	020-000	0SC04P	8/8		FRGRD01C	10/3		RCVDT02N	10/4		SD02R	8/3		TXCMD05N	10/1	
038-000	2	C2	COOL1G1	8/11	1	120-000	0SC05N	8/8		FRGRD02A	10/4		RCVDT02P	10/4		SD03G	8/3		TXCMD05P	10/1	
047-000	1	C1	SCANS00	8/8	1	029-000	0SC05P	8/8		FRGRD02B	10/4		RCVDT03N	10/5		SD03R	8/3		TXCMD06N	10/1	
056-000	1	C1	SCANS01	8/9	1	129-000	0SC18N	8/8		FRGRD02C	10/4		RCVDT03P	10/5		SD04G	8/3		TXCMD06P	10/1	
067-000	1	C1					0SC18P	8/8		FRGRD03A	10/5		RCVDT04N	10/6		SD04R	8/3		TXCMD07N	10/1	
129-000	1	C1					0SC19N	8/8		FRGRD03B	10/5		RCVDT04P	10/6		SD05G	8/3		TXCMD07P	10/1	
147-000	1	C1					0SC19P	8/8		FRGRD03C	10/5		RCVDT05N	10/7		SD05R	8/3		TXCMD08N	10/1	
156-000	1	C1					0SC22N	8/8		FRGRD04A	10/6		RCVDT05P	10/7		SD06G	8/3		TXCMD08P	10/1	
167-000	1	C1					0SC22P	8/8		FRGRD04B	10/6		RCVDT06N	10/8		SD06R	8/3		TXCMD09N	10/1	
			48DIST	9/5	1	067-000	0SC23N	8/8		FRGRD04C	10/6		RCVDT06P	10/8		SD07G	8/3		TXCMD09P	10/1	
			48DIST	9/7	1	167-000	0SC23P	8/8		FRGRD05A	10/7		RCVDT07N	10/9		SD07R	8/3		TXDT00N	10/2	
			48IN	9/6	1	067-000															
			48IN	9/8	1	167-000	0SC44N	8/8		FRGRD05B	10/7		RCVDT07P	10/9		SD08G	8/3		TXDT00P	10/2	
							0SC44P	8/8		FRGRD05C	10/7		RCVSV00N	10/2		SD08R	8/3		TXDT01N	10/3	
			AC	10/1	1	047-000	0SC45N	8/8		FRGRD06A	10/8		RCVSV00P	10/2		SD09G	8/3		TXDT01P	10/3	
			B00	10/2	1	047-000	0SC45P	8/8													

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		C2	ISSUE 8M
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PROCESSOR CONTROL CABINET		DWM SIZE	
		C2	ISSUE 8M
AT&T	SD-4C119-01		A5

0			1			2			3			4			5			6			7			8			9											
INTRAFRAME LEAD INDEX																																						
A	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.						
	ON-UNIT	ON-FRAME	(TERM. MOD)		ON-UNIT	ON-FRAME	(TERM. MOD)		ON-UNIT	ON-FRAME	(TERM. MOD)		ON-UNIT	ON-FRAME	(TERM. MOD)		ON-UNIT	ON-FRAME	(TERM. MOD)		ON-UNIT	ON-FRAME	(TERM. MOD)		ON-UNIT	ON-FRAME	(TERM. MOD)		ON-UNIT	ON-FRAME	(TERM. MOD)		ON-UNIT	ON-FRAME	(TERM. MOD)	ON-UNIT	ON-FRAME	(TERM. MOD)
	CENTRAL PROCESSING UNIT	056-000			CENTRAL PROCESSING UNIT	056-000			CENTRAL PROCESSING UNIT	056-000			CENTRAL PROCESSING UNIT	056-000			CENTRAL PROCESSING UNIT	056-000			CENTRAL PROCESSING UNIT	056-000			CENTRAL PROCESSING UNIT	056-000			CENTRAL PROCESSING UNIT	056-000			CENTRAL PROCESSING UNIT	056-000		CENTRAL PROCESSING UNIT	056-000	
SAZ41			11/2	C1ORDY0			3/1	ECC1D0			6/1	PSVBA			9/2	SD251			11/2	SUD021			4/1	SUA351			4/2	CLKAN			5/2							
SA351			11/2	C1ORD0			3/1	GRD04016			9/2	PSVBA			9/2	SD261			11/2	SUD031			4/1	CLKAP			5/2	CLK2P			5/2							
SSR010			6/1	C1ORINO			3/1	GRD04016			9/2	PSVBB			9/2	SD271			11/2	SUD041			4/1	CODSN			1SD10N	8/5										
SUAZ41			4/1	C1ORSR0			3/1	GRD04064			3/1	PSVBB			9/2	SD281			11/2	SUD051			4/1															
SUA351			4/1	C1ORST0			3/1	GRD04064			3/1	PSVBB			9/2	SD291			11/2	SUD061			4/1	CODSP			1SD10P	8/5										
CCALMO			9/2	C1OSAK0			3/1	GRD04064			3/1	REQAN			5/1	SD301			11/2	SUD071			4/1	CROIPN			1SD11N	8/5										
CCSTN			9/2	C1OWCA0			3/1	GRD04064			3/1	REQAP			5/1	SD311			11/2	SUD081			4/1	CROIPP			1SD11P	8/5										
CCSTP			9/2	C1OWD0			3/1	GRD04084			6/1	SA001			11/2	SD321			11/2	SUD091			4/1	CSCXN			1SC11N	8/5										
CINTLB			9/2	CLKAN			5/1	GRD04090			3/1	SA011			11/2	SD331			11/2	SUD101			4/1	CSCXP			1SC11P	8/5										
C1OAD000			3/1	CLKAP			5/1	GRD04090			3/1	SA021			11/2	SD341			11/2	SUD111			4/1	CSCYN			1SC10N	8/5										
C1OAD100			3/1	CLRO			11/2	GRD04090			3/1	SA031			11/2	SD351			11/2	SUD121			4/1	CSCYP			1SC10P	8/5										
C1OAD200			3/1	CODSN			8/4	GRD04090			3/1	SA041			11/2	SER000			3/1	SUD131			4/1	DAHAN			DAHAN	5/2										
C1OAD300			3/1	CODSP			8/4	GRD04145			11/2	SA051			11/2	SER010			3/1	SUD141			4/1	DAHAP			DAHAP	5/2										
C1OAD400			3/1	CPMA			9/2	GRD04145			11/2	SA061			11/2	SER020			3/1	SUD151			4/1	DALAN			DALAN	5/2										
C1OAD500			3/1	CPMAA			9/2	GRD04145			11/2	SA071			11/2	SER030			3/1	SUD161			4/1	DALAP			DALAP	5/2										
C1OAK000			3/1	CPMAB			9/2	GRD04145			11/2	SA081			11/2	SG00			11/2	SUD171			4/1	EARCVON			1EARCVON	6/2										
C1OAK100			3/1	CPMAB			9/2	GRD04146			4/1	SA091			11/2	SHALF0			11/2	SUD181			4/1	EARCVOP			1EARCVOP	6/2										
C1OAK200			3/1	CPMB			9/2	GRD04146			4/1	SA101			11/2	SIS040			3/1	SUD191			4/1	EARCV1N			1EARCV1N	6/2										
C1OAK300			3/1	CPMBA			9/2	GRD04146			4/1	SA111			11/2	SIS060			3/1	SUD201			4/1	EARCV1P			1EARCV1P	6/2										
C1OAK400			3/1	CPMBB			9/2	GRD04146			4/1	SA121			11/2	SIS070			3/1	SUD211			4/1	EARTSON			1EARTSON	6/2										
C1OAK500			3/1	CPMG			9/2	GRD04146			4/1	SA131			11/2	SIS090			3/1	SUD221			4/1	EARTSOP			1EARTSOP	6/2										
C1OASW0			3/1	CPPA			9/2	GRD04146			4/1	SA141			11/2	SIS100			3/1	SUD231			4/1	EARTS1N			1EARTS1N	6/2										
C1OCERO			3/1	CPPAA			9/2	GRD04146			4/1	SA151			11/2	SIS110			3/1	SUD241			4/1	EARTS1P			1EARTS1P	6/2										
C1OCLE0			3/1	CPPAB			9/2	GRD04152			11/2	SA161			11/2	SIS120			3/1	SUD251			4/1	EAXMTON			1EAXMTON	6/2										
C1OD000			3/1	CPPAB			9/2	GRD04152			11/2	SA171			11/2	SIS130			3/1	SUD261			4/1	EAXMTOP			1EAXMTOP	6/2										
C1OD010			3/1	CPPB			9/2	GRD04152			11/2	SA181			11/2	SIS140			3/1	SUD271			4/1	EAXMT1N			1EAXMT1N	6/2										
C1OD020			3/1	CPPBA			9/2	GRD04152			11/2	SA191			11/2	SIS150			3/1	SUD281			4/1	EAXMT1P			1EAXMT1P	6/2										
C1OD030			3/1	CPPBB			9/2	GRD04154			6/1	SA201			11/2	SHAINT0			11/2	SUD291			4/1	GRD04064			SSR0010	6/2										
C1OD040			3/1	CPPG			9/2	INITD0			9/2	SA211			11/2	SOERA1			4/1	SUD301			4/1	GRD04146			GRDCA40	4/2										
C1OD050			3/1	CPWRCLRO			11/2	INTD00			3/1	SA221			11/2	SOERB1			4/1	SUD311			4/1	GRD04146			GRDCA41	4/2										
C1OD060			3/1	CROIPN			8/4	INT010			3/1	SA231			11/2	SOERC1			4/1	SUD321			4/1	GRD04146			GRDCA42	4/2										
C1OD070			3/1	CROIPP			8/4	INT020			3/1	SA251			11/2	SOERD1			4/1	SUD331			4/1	GRD04146			GRDCA43	4/2										
C1OD080			3/1	CSCXN			8/4	INT030			3/1	SA321			11/2	STA20			9/2	SUD341			4/1	GRD04146			GRDCA44	4/2										
C1OD090			3/1	CSCXP			8/4	INT100			3/1	SA331			11/2	SUA001			4/1	SUD351			4/1	GRD04146			GRDCA45	4/2										
C1OD100			3/1	CSCYN			8/4	INT120			3/1	SA341			11/2	SUA011			4/1	SUERA1			4/1	GRD04146			GRDCA46	4/2										
C1OD110			3/1	CSCYP			8/4	INT150			3/1	SBYTE0			11/2	SUA021			4/1	SUERD1			4/1	OABUS0			OABUS0	4/2										
C1OD120			3/1	DAHAN			5/1	INT160			3/1	SCM0			11/2	SUA031			4/1	SUHALF0			4/1	OCLR10			OCLR10	4/2										
C1OD130			3/1	DAHAP			5/1	INT170			3/1	SCOMP0			11/2	SUA041			4/1	SUMANT0			4/1	ODBUS0			ODBUS0	4/2										
C1OD140			3/1	DALAN			5/1	MJ			9/2	SCR311			11/2	SUA051			4/1	UABUS0			4/1	OSCM0			OSCM0	4/2										
C1OD150			3/1	DALAP			5/1	MJR			9/2	SD001			11/2	SUA061			4/1	UCLR0			4/1	OSG00			OSG00	4/2										
C1OD160			3/1	OABUS0			3/1	MYSERAO			11/2	SD011			11/2	SUA071			4/1	UDBUS0			4/1	OUPD0			OUPD0	4/2										
C1OD170			3/1	DOCLRO			3/1	MYSERB0			11/2	SD021			11/2	SUA081			4/1	USCM0			4/1	OWRT0			OWRT0	4/2										
C1OD180			3/1	DOCBUS0			3/1	MYSERCO			11/2	SD031			11/2	SUA091			4/1	USG00			4/1	REQAN			REQAN	5/2										
C1OD190			3/1	DOSCM0			3/1	MYSERD0			11/2	SD041			11/2	SUA101			4/1	UUPD0			4/1	REQAP			REQAP	5/2										
C1OD200			3/1	DOSG00			3/1	N48VCPU1			9/2	SD051			11/2	SUA111			4/1	UWRT0			4/1	SOERA1			SOERA1	4/2										
C1OD210			3/1	DOWRT0			3/1	N48VCPU2			9/2	SD061			11/2	SUA121			4/1	VLM0			3/1	SOERB1			SOERB1	4/2										
C1OD220			3/1	D1ABUS0			3/1	N48VCPU3			9/2	SD071			11/2	SUA131			4/1	WRT0			11/2	SOERC1			SOERC1	4/2										
C1OD230			3/1	D1CLRO			3/1	OABUS0			4/1	SD081			11/2	SUA141			4/1	XCKAN			5/1	SOERD1			SOERD1	4/2										
C1OD240			3/1	D1DBUS0			3/1	OCLR10			4/1	SD091			11/2	SUA151			4/1	XCKAP			5/1	SSR0010			SSR0010	6/2										
C1OD250			3/1	D1SCM0			3/1	ODBUS0			4/1	SD101			11/2	SUA161			4/1	48RCPU1			9/2	SUA001			SUA001	4/2										
C1OD260			3/1	DISG00			3/1	OSCM0			4/1	SD111			11/2	SUA171			4/1	48RCPU2			9/2	SUA011			SUA011	4/2										
C1OD270			3/1	D1WRT0			3/1	OSG00			4/1	SD121			11/2	SUA181			4/1	48RCPU3			9/2	SUA021			SUA021	4/2										
C1OD280			3/1	EARCVON			6/1	OUPD0			4/1	SD131			11/2	SUA191			4/1	-----			-----	SUA031			SUA031	4/2										
C1OD290			3/1	EARCVOP			6/1	OWRT0			4/1	SD141			11/2	SUA201			4/1	CENTRAL PROCESSING UNIT			156-000	SUA041			SUA041	4/2										
C1OD300			3/1	EARCV1N			6/1	PA			9/2	SD151			11/2	SUA211			4/1	SUA241			4/2	SUA051			SUA051	4/2										
C1OD310			3/1	EARCV1P			6/1	PAR			9/2	SD161			11/2	SUA221			4/1	SUA241			4/2															
C1OD320			3/1	EARTSON			6/1	P5VA			9/2	SD171			11/2	SUA231			4/1																			
C1OD330			3/1	EARTSOP			6/1	P5VA			9/2	SD181			11/2	SUA321			4/1																			
C1OD340			3/1	EARTS1N			6/1	P5VAA			9/2	SD191			11/2	SUA331			4/1																			
C1OD350			3/1	EARTS1P			6/1	P5VAB			9/2	SD201			11/2	SUA341			4/1																			
C1OEACK0			3/1	EAXMTON			6/1	P5VAB			9/2	SD211			11/2	SUBYTE0			4/1																			
C1OIAK0			3/1	EAXMTOP			6/1	P5VB			9/2	SD221			11/2	SUCOMP0			4/1																			
C1OIDL0			3/1	EAXMT1N			6/1	P5VB			9/2	SD231			11/2	SUD001			4/1																			
C1OINH0			3/1	EAXMT1P			6/1	P5VAB			9/2	SD241			11/2	SUD011			4/1																			
C1OMR0			3/1																																			

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INTRAFRAME LEAD INDEX (CONT)																													
DESIGNATION			FS/SYM	DESIGNATION			FS/SYM	DESIGNATION			FS/SYM	DESIGNATION			FS/SYM	DESIGNATION			FS/SYM										
ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.											
(TERM. MOD)				(TERM. MOD)				(TERM. MOD)				(TERM. MOD)				(TERM. MOD)													
CENTRAL PROCESSING UNIT			156-000	CENTRAL PROCESSING UNIT			156-000	IOP BASIC UNIT 029-000 (CONT)				IOP BASIC UNIT 029-000 (CONT)				IOP BASIC UNIT 029-000 (CONT)				IOP BASIC UNIT 029-000 (CONT)				MAIN STORE AND IOP GROWTH UNIT			038-000 (CONT)		
SUA051			SUA051	4/2	SUA051			SUA051	4/2	SUA051			SUA051	4/2	SUA051			SUA051	4/2	SUA051			SUA051	4/2	SUA051			SUA051	4/2
SUA061			SUA061	4/2	SUA061			SUA061	4/2	SUA061			SUA061	4/2	SUA061			SUA061	4/2	SUA061			SUA061	4/2	SUA061			SUA061	4/2
SUA071			SUA071	4/2	SUA071			SUA071	4/2	SUA071			SUA071	4/2	SUA071			SUA071	4/2	SUA071			SUA071	4/2	SUA071			SUA071	4/2
SUA081			SUA081	4/2	SUA081			SUA081	4/2	SUA081			SUA081	4/2	SUA081			SUA081	4/2	SUA081			SUA081	4/2	SUA081			SUA081	4/2
SUA091			SUA091	4/2	SUA091			SUA091	4/2	SUA091			SUA091	4/2	SUA091			SUA091	4/2	SUA091			SUA091	4/2	SUA091			SUA091	4/2
SUA101			SUA101	4/2	SUA101			SUA101	4/2	SUA101			SUA101	4/2	SUA101			SUA101	4/2	SUA101			SUA101	4/2	SUA101			SUA101	4/2
SUA111			SUA111	4/2	SUA111			SUA111	4/2	SUA111			SUA111	4/2	SUA111			SUA111	4/2	SUA111			SUA111	4/2	SUA111			SUA111	4/2
SUA121			SUA121	4/2	SUA121			SUA121	4/2	SUA121			SUA121	4/2	SUA121			SUA121	4/2	SUA121			SUA121	4/2	SUA121			SUA121	4/2
SUA131			SUA131	4/2	SUA131			SUA131	4/2	SUA131			SUA131	4/2	SUA131			SUA131	4/2	SUA131			SUA131	4/2	SUA131			SUA131	4/2
SUA141			SUA141	4/2	SUA141			SUA141	4/2	SUA141			SUA141	4/2	SUA141			SUA141	4/2	SUA141			SUA141	4/2	SUA141			SUA141	4/2
SUA151			SUA151	4/2	SUA151			SUA151	4/2	SUA151			SUA151	4/2	SUA151			SUA151	4/2	SUA151			SUA151	4/2	SUA151			SUA151	4/2
SUA161			SUA161	4/2	SUA161			SUA161	4/2	SUA161			SUA161	4/2	SUA161			SUA161	4/2	SUA161			SUA161	4/2	SUA161			SUA161	4/2
SUA171			SUA171	4/2	SUA171			SUA171	4/2	SUA171			SUA171	4/2	SUA171			SUA171	4/2	SUA171			SUA171	4/2	SUA171			SUA171	4/2
SUA181			SUA181	4/2	SUA181			SUA181	4/2	SUA181			SUA181	4/2	SUA181			SUA181	4/2	SUA181			SUA181	4/2	SUA181			SUA181	4/2
SUA191			SUA191	4/2	SUA191			SUA191	4/2	SUA191			SUA191	4/2	SUA191			SUA191	4/2	SUA191			SUA191	4/2	SUA191			SUA191	4/2
SUA201			SUA201	4/2	SUA201			SUA201	4/2	SUA201			SUA201	4/2	SUA201			SUA201	4/2	SUA201			SUA201	4/2	SUA201			SUA201	4/2
SUA211			SUA211	4/2	SUA211			SUA211	4/2	SUA211			SUA211	4/2	SUA211			SUA211	4/2	SUA211			SUA211	4/2	SUA211			SUA211	4/2
SUA221			SUA221	4/2	SUA221			SUA221	4/2	SUA221			SUA221	4/2	SUA221			SUA221	4/2	SUA221			SUA221	4/2	SUA221			SUA221	4/2
SUA231			SUA231	4/2	SUA231			SUA231	4/2	SUA231			SUA231	4/2	SUA231			SUA231	4/2	SUA231			SUA231	4/2	SUA231			SUA231	4/2
SUA321			SUA321	4/2																									

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INTRAFRAME LEAD INDEX (CONT)

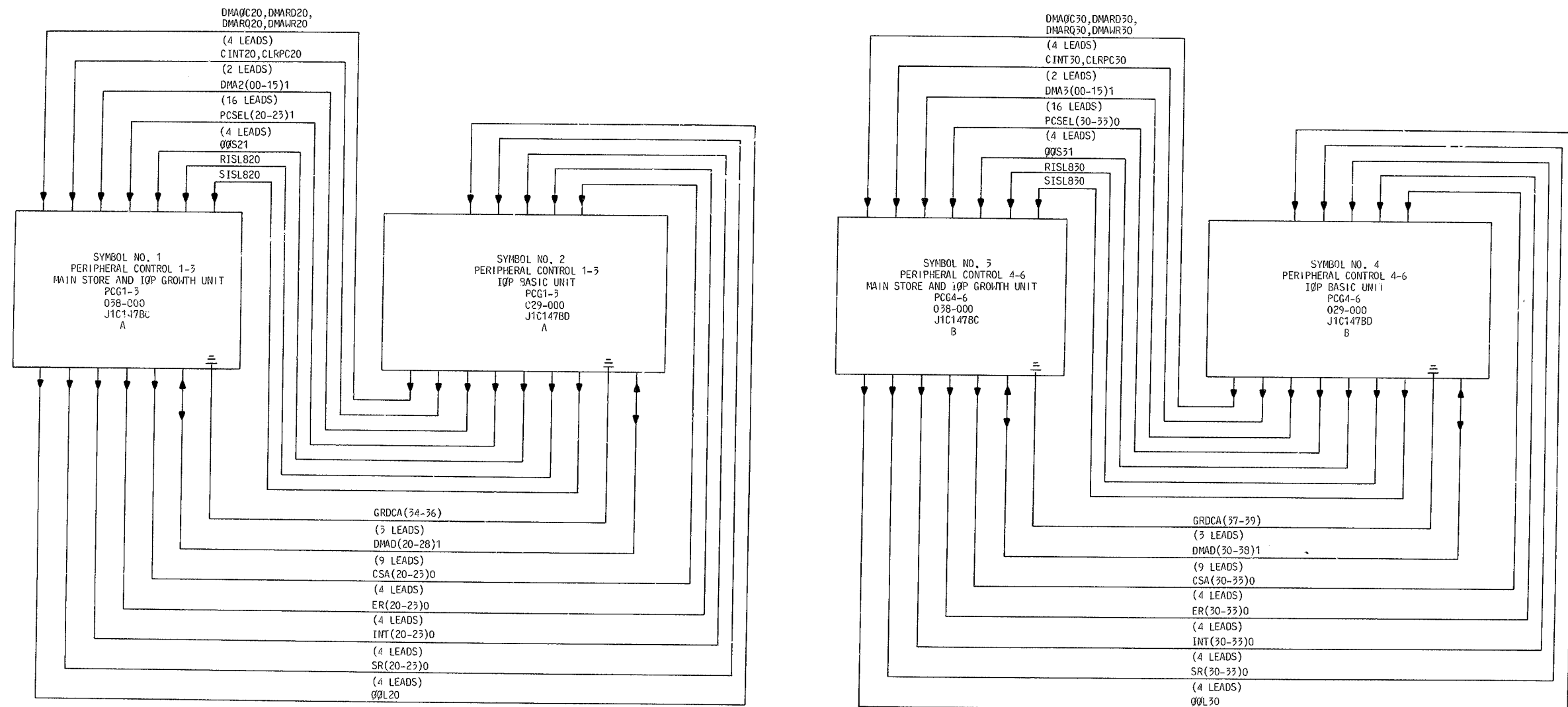
A	DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			A		
	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.			
B	MAIN STORE AND IOP GROWTH UNIT 038-000 (CONT)			MAIN STORE AND IOP GROWTH UNIT 038-000 (CONT)			MAIN STORE AND IOP GROWTH UNIT 038-000 (CONT)			MAIN STORE AND IOP GROWTH UNIT 038-000 (CONT)			MAIN STORE, IO AND DFC UNIT 038-000 (CONT)			MAIN STORE, IO AND DFC UNIT 047-000 (CONT)			MAIN STORE, IO AND DFC UNIT 047-000 (CONT)		
	C10D260	C10D260	3/3	DMAD361	DMAD361	1/3	D0170	D0170	2/2	INT320	INT320	1/3	48RIOP2	48RIOP2	9/1	C10D150	C10D150	3/4	DPA00	DPA00	2/1
	C10D270	C10D270	3/3	DMAD371	DMAD371	1/3	D0180	D0180	2/2	INT330	INT330	1/3	48RIOP3	48RIOP3	9/1	C10D160	C10D160	3/4	DPX00	DPX00	2/1
	C10D280	C10D280	3/3	DMAD381	DMAD381	1/3	D0190	D0190	2/2	N48VCPUS	N48VCPUS	9/1	MAIN STORE, IO AND DFC UNIT 047-000			C10D170	C10D170	3/4	DPY00	DPY00	2/1
C	C10D290	C10D290	3/3	DMAOC20	DMAOC20	1/1	D0200	D0200	2/2	N48VIOP1	N48VIOP1	9/1				C10D180	C10D180	3/4	DPZ00	DPZ00	2/1
	C10D300	C10D300	3/3	DMAOC30	DMAOC30	1/3	D0210	D0210	2/2	N48VIOP2	N48VIOP2	9/1				C10D190	C10D190	3/4	DRQIPN	OSD17N	8/6
	C10D310	C10D310	3/3	DMARD20	DMARD20	1/1	D0220	D0220	2/2	N48VIOP3	N48VIOP3	9/1				C10D200	C10D200	3/4	DRQIPP	OSD17P	8/6
	C10D320	C10D320	3/3	DMARD30	DMARD30	1/3	D0230	D0230	2/2	D0L20	D0L20	1/1				C10D210	C10D210	3/4	DSCXN	OSC17N	8/6
D	C10D330	C10D330	3/3	DMARD20	DMARD20	1/1	D0240	D0240	2/2	D0L30	D0L30	1/3				C10D220	C10D220	3/4	DSCXP	OSC17P	8/6
	C10D340	C10D340	3/3	DMARD30	DMARD30	1/3	D0250	D0250	2/2	D0S21	D0S21	1/1				C10D230	C10D230	3/4	DSCXYN	OSC16N	8/6
	C10D350	C10D350	3/3	DMAWR20	DMAWR20	1/1	D0260	D0260	2/2	D0S31	D0S31	1/3				C10D240	C10D240	3/4	DSCYP	OSC16P	8/6
	C10EACK0	C10EACK0	3/3	DMAWR30	DMAWR30	1/3	D0270	D0270	2/2	OTO	OTO	9/1				C10D250	C10D250	3/4	D0000	D0000	2/1
E	C10IAK0	C10IAK0	3/3	DMA2001	DMA2001	1/1	D0280	D0280	2/2	PCSEL200	PCSEL200	1/1				C10D260	C10D260	3/4	D0010	D0010	2/1
	C10IDL0	C10IDL0	3/3	DMA2011	DMA2011	1/1	D0290	D0290	2/2	PCSEL210	PCSEL210	1/1				C10D270	C10D270	3/4	D0020	D0020	2/1
	C10INH0	C10INH0	3/3	DMA2021	DMA2021	1/1	D0300	D0300	2/2	PCSEL220	PCSEL220	1/1				C10D280	C10D280	3/4	D0030	D0030	2/1
	C10MR0	C10MR0	3/3	DMA2031	DMA2031	1/1	D0310	D0310	2/2	PCSEL230	PCSEL230	1/1				C10D290	C10D290	3/4	D0040	D0040	2/1
F	C10RDY0	C10RDY0	3/3	DMA2041	DMA2041	1/1	EADP0	EADP0	2/2	PCSEL300	PCSEL300	1/3				C10D300	C10D300	3/4	D0050	D0050	2/1
	C10RD0	C10RD0	3/3	DMA2051	DMA2051	1/1	ER200	ER200	1/1	PCSEL310	PCSEL310	1/3				C10D310	C10D310	3/4	D0060	D0060	2/1
	C10RIN0	C10RIN0	3/3	DMA2061	DMA2061	1/1	ER210	ER210	1/1	PCSEL320	PCSEL320	1/3				C10D320	C10D320	3/4	D0070	D0070	2/1
	C10RSR0	C10RSR0	3/3	DMA2071	DMA2071	1/1	ER220	ER220	1/1	PCSEL330	PCSEL330	1/3				C10D330	C10D330	3/4	D0080	D0080	2/1
G	C10RST0	C10RST0	3/3	DMA2081	DMA2081	1/1	ER230	ER230	1/1	PROGDMA1	PROGDMA1	3/3				C10D340	C10D340	3/4	D0090	D0090	2/1
	C10SAK0	C10SAK0	3/3	DMA2091	DMA2091	1/1	ER300	ER300	1/3	P5VF	P5VF	9/1				C10D350	C10D350	3/4	D0100	D0100	2/1
	C10WCA0	C10WCA0	3/3	DMA2101	DMA2101	1/1	ER310	ER310	1/3	P5VF	P5VFST	9/1				C10EACK0	C10EACK0	3/4	D0110	D0110	2/1
	C10WD0	C10WD0	3/3	DMA2111	DMA2111	1/1	ER320	ER320	1/3	P5VFA	P5VFST	9/1				C10IAK0	C10IAK0	3/4	D0120	D0120	2/1
H	CLRM00	CLRM00	2/2	DMA2121	DMA2121	1/1	ER330	ER330	1/3	P5VFA	P5VG	9/1				C10IDL0	C10IDL0	3/4	D0130	D0130	2/1
	CLRPC20	CLRPC20	1/1	DMA2131	DMA2131	1/1	FPWRF0	FPWRF0	9/1	P5VFB	P5VF	9/1				C10INH0	C10INH0	3/4	D0140	D0140	2/1
	CLRPC30	CLRPC30	1/3	DMA2141	DMA2141	1/1	GRD04016	GRDP5G	9/1	P5VFB	P5VFST	9/1				C10MR0	C10MR0	3/4	D0150	D0150	2/1
	CPMF	CPMF	9/1	DMA2151	DMA2151	1/1	GRD04054	GRDCA37	1/3	READ01	READ01	2/2				C10RDY0	C10RDY0	3/4	D0160	D0160	2/1
I	CPMFA	CPMF	9/1	DMA3001	DMA3001	1/3	GRD04054	GRDCA38	1/3	REF00	REF00	2/2				C10RD0	C10RD0	3/4	D0170	D0170	2/1
	CPMFA	CPMG	9/1	DMA3011	DMA3011	1/3	GRD04054	GRDCA39	1/3	RISL820	RISL820	1/1				C10RIN0	C10RIN0	3/4	D0180	D0180	2/1
	CPMFB	CPMF	9/1	DMA3021	DMA3021	1/3	GRD04055	GRDCA37	1/3	RISL830	RISL830	1/3				C10RSR0	C10RSR0	3/4	D0190	D0190	2/1
	CPMG	CPMG	9/1	DMA3031	DMA3031	1/3	GRD04055	GRDCA38	1/3	SELCEV00	SELCEV00	2/2				C10RST0	C10RST0	3/4	D0200	D0200	2/1
J	CPPF	CPPF	9/1	DMA3041	DMA3041	1/3	GRD04055	GRDCA39	1/3	SELCD000	SELCD000	2/2				C10SAK0	C10SAK0	3/4	D0210	D0210	2/1
	CPPFA	CPPF	9/1	DMA3051	DMA3051	1/3	GRD04060	GRDCA34	1/1	SELREV00	SELREV00	2/2				C10WCA0	C10WCA0	3/4	D0220	D0220	2/1
	CPPFA	CPPG	9/1	DMA3061	DMA3061	1/3	GRD04060	GRDCA35	1/1	SELROD00	SELROD00	2/2				C10WD0	C10WD0	3/4	D0230	D0230	2/1
	CPPFB	CPPF	9/1	DMA3071	DMA3071	1/3	GRD04060	GRDCA36	1/1	SEL0080	SEL0080	2/2				CLRM00	CLRM00	2/1	D0240	D0240	2/1
K	CPPG	CPPG	9/1	DMA3081	DMA3081	1/3	GRD04061	GRDCA34	1/1	SEL0090	SEL0090	2/2				CLRO	CLRO	11/1	D0250	D0250	2/1
	CSA200	CSA200	1/1	DMA3091	DMA3091	1/3	GRD04061	GRDCA35	1/1	SEL0100	SEL0100	2/2				CPMD	CPMD	9/3	D0260	D0260	2/1
	CSA210	CSA210	1/1	DMA3101	DMA3101	1/3	GRD04061	GRDCA36	1/1	SEL0110	SEL0110	2/2				CPMDA	CPMD	9/3	D0270	D0270	2/1
	CSA220	CSA220	1/1	DMA3111	DMA3111	1/3	GRD04095	GRDCA95	3/3	SEL0120	SEL0120	2/2				CPMDA	CPMG	9/3	D0280	D0280	2/1
L	CSA230	CSA230	1/1	DMA3121	DMA3121	1/3	GRD04095	GRDCA96	3/3	SEL0130	SEL0130	2/2				CPMDB	CPMD	9/3	D0290	D0290	2/1
	CSA300	CSA300	1/3	DMA3131	DMA3131	1/3	GRD04096	GRDCA97	3/3	SEL0140	SEL0140	2/2				CPMDB	CPMG	9/3	D0300	D0300	2/1
	CSA310	CSA310	1/3	DMA3141	DMA3141	1/3	GRD04096	GRDCA98	3/3	SEL0150	SEL0150	2/2				CPMG	CPMG	9/3	D0310	D0310	2/1
	CSA320	CSA320	1/3	DMA3151	DMA3151	1/3	GRD04096	PROGDMA1	3/3	SER010	SER010	3/3				CPPD	CPPD	9/3	EADP0	EADP0	2/1
M	CSA330	CSA330	1/3	DPA00	DPA00	2/2	GRD04102	GRDCA100	3/3	SG001	SG001	2/2				CPPDA	CPPD	9/3	GRD04016	GRDPSG	9/3
	DBXX00	C10D010	3/3	DPX00	DPX00	2/2	GRD04102	GRDCA99	3/3	SG011	SG011	2/2				CPPDA	CPPG	9/3	GRD04016	GRDPSGA	9/3
	DH0000	DH0000	2/2	DPY00	DPY00	2/2	GRD04124	GRDCA30	2/2	SG021	SG021	2/2				CPPDB	CPPD	9/3	GRD04044	FRGRDA0	10/1
	DH0010	DH0010	2/2	DPZ00	DPZ00	2/2	GRD04124	GRDCA31	2/2	SG031	SG031	2/2				CPPDB	CPPG	9/3	GRD04058	GRDCA56	7/3
N	DH0020	DH0020	2/2	D0000	D0000	2/2	GRD04124	GRDCA32	2/2	S1SL820	S1SL820	1/1				CPPG	CPPG	9/3	GRD04058	GRDCA58	7/3
	DH0030	DH0030	2/2	D0010	D0010	2/2	GRD04124	GRDCA33	2/2	S1SL830	S1SL830	1/3				DH0000	DH0000	2/1	GRD04064	FRGRD00A	10/2
	DMAD201	DMAD201	1/1	D0020	D0020	2/2	GRD04130	GRDCA26	2/2	SPEED1	SPEED10	3/3				DH0010	DH0010	2/1	GRD04064	FRGRD00B	10/2
	DMAD211	DMAD211	1/1	D0030	D0030	2/2	GRD04130	GRDCA27	2/2	SR200	SR200	1/1				DH0020	DH0020	2/1	GRD04064	FRGRD00C	10/2
O	DMAD221	DMAD221	1/1	D0040	D0040	2/2	GRD04130	GRDCA28	2/2	SR210	SR210	1/1				DH0030	DH0030	2/1	GRD04064	FRGRD01A	10/3
	DMAD231	DMAD231	1/1	D0050	D0050	2/2	GRD04130	GRDCA29	2/2	SR220	SR220	1/1									
	DMAD241	DMAD241	1/1	D0060	D0060	2/2	ICALM10	ICALM10	9/1	SR230	SR230	1/1									
	DMAD251	DMAD251	1/1	D0070	D0070	2/2	ICSTN	ICSTN	9/1	SR300	SR300	1/3									
P	DMAD261	DMAD261	1/1	D0080	D0080																

INTRAFRAME LEAD INDEX (CONT)																															
DESIGNATION			FS/SYM	DESIGNATION			FS/SYM	DESIGNATION			FS/SYM	DESIGNATION			FS/SYM	DESIGNATION			FS/SYM	DESIGNATION			FS/SYM								
ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.	
(TERM. MOD)				(TERM. MOD)				(TERM. MOD)				(TERM. MOD)				(TERM. MOD)				(TERM. MOD)				(TERM. MOD)				(TERM. MOD)			
MAIN STORE, IO AND DFC UNIT				MAIN STORE, IO AND DFC UNIT				MAIN STORE, IO AND DFC UNIT				MAIN STORE, IO AND DFC UNIT				MAIN STORE, IO AND DFC UNIT				MAIN STORE, IO AND DFC UNIT				MAIN STORE, IO AND DFC UNIT				MAIN STORE, IO AND DFC UNIT			
047-000 (CONT)				047-000 (CONT)				047-000 (CONT)				047-000 (CONT)				047-000 (CONT)				047-000 (CONT)				047-000 (CONT)				047-000 (CONT)			
GRD04064	FRGRD02A	10/4		RCVCK00N	RCVCK00N	10/2		RURDYN	RURDYN	10/1		SD161	SD161	11/1		TXCMD02P	TXCMD02P	10/1		11DAH00N	111DAH0N	7/3		DOOSP	1SD24P	8/7					
GRD04064	FRGRD02B	10/4		RCVCK00P	RCVCK00P	10/2		RURDYP	RURDYP	10/1		SD171	SD171	11/1		TXCMD03N	TXCMD03N	10/1		11DAH00P	111DAH0P	7/3		DRQ1PN	1SD25N	8/7					
GRD04064	FRGRD02C	10/4		RCVCK01N	RCVCK01N	10/3		SAK00N	SAK00N	10/2		SD181	SD181	11/1		TXCMD03P	TXCMD03P	10/1		11DAH0P	011DAH0P	7/1		DRQ1PP	1SD25P	8/7					
GRD04064	FRGRD03A	10/5		RCVCK01P	RCVCK01P	10/3		SAK00P	SAK00P	10/2		SD191	SD191	11/1		TXCMD04N	TXCMD04N	10/1		11DAH00N	011DAH0N	7/3		DSCXN	1SC25N	8/7					
GRD04064	FRGRD03B	10/5		RCVCK02N	RCVCK02N	10/4		SAK01N	SAK01N	10/3		SD201	SD201	11/1		TXCMD04P	TXCMD04P	10/1		11DAH00P	011DAH0P	7/3		DSCXP	1SC25P	8/7					
GRD04064	FRGRD03C	10/5		RCVCK02P	RCVCK02P	10/4		SAK01P	SAK01P	10/3		SD211	SD211	11/1		TXCMD05N	TXCMD05N	10/1		11DAH01N	011DAH1N	7/1		DSCXN	1SC24N	8/7					
GRD04064	FRGRD04A	10/6		RCVCK03N	RCVCK03N	10/5		SAK02N	SAK02N	10/4		SD221	SD221	11/1		TXCMD05P	TXCMD05P	10/1		11DAH01P	011DAH1P	7/1		DSCYP	1SC24P	8/7					
GRD04064	FRGRD04B	10/6		RCVCK03P	RCVCK03P	10/5		SAK02P	SAK02P	10/4		SD231	SD231	11/1		TXCMD06N	TXCMD06N	10/1		11DAH02N	011DAH2N	7/1		GRD04058	GRDCA57	7/4					
GRD04064	FRGRD04C	10/6		RCVCK04N	RCVCK04N	10/6		SAK03N	SAK03N	10/5		SD241	SD241	11/1		TXCMD06P	TXCMD06P	10/1		11DAH02P	011DAH2P	7/1		GRD04058	GRDCA59	7/4					
GRD04064	FRGRD05A	10/7		RCVCK04P	RCVCK04P	10/6		SAK03P	SAK03P	10/5		SD251	SD251	11/1		TXCMD07N	TXCMD07N	10/1		11DAH03N	011DAH3N	7/1		GRD04064	1DKTYP01	7/4					
GRD04064	FRGRD05B	10/7		RCVCK05N	RCVCK05N	10/7		SAK04N	SAK04N	10/6		SD261	SD261	11/1		TXCMD07P	TXCMD07P	10/1		11DAH03P	011DAH3P	7/1		GRD04080	GRDCA58	7/2					
GRD04064	FRGRD05C	10/7		RCVCK05P	RCVCK05P	10/7		SAK04P	SAK04P	10/6		SD271	SD271	11/1		TXCMD08N	TXCMD08N	10/1		11DAL0N	011DAL0N	7/1		GRD04080	GRDCA59	7/2					
GRD04064	FRGRD06A	10/8		RCVCK06N	RCVCK06N	10/8		SAK05N	SAK05N	10/7		SD281	SD281	11/1		TXCMD08P	TXCMD08P	10/1		11DAL00N	111DAL0N	7/3		GRD04080	GRDCA62	7/2					

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INTRAFRAME LEAD INDEX (CONT)															
DESIGNATION			FS/SYM	DESIGNATION			FS/SYM	DESIGNATION			FS/SYM	DESIGNATION			FS/SYM
ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.		ON-UNIT	ON-FRAME	LOC.	
(TERM. MOD)				(TERM. MOD)				(TERM. MOD)				(TERM. MOD)			
MAIN STORE, IO AND DFC UNIT				MAIN STORE, IO DFC UNIT			047-000	PORT SWITCH UNIT			007-000 (CONT)	POWER DISTRIBUTION UNIT			067-000
147-000 (CONT)				(CONT)								POWER DISTRIBUTION UNIT FOR PORT			
												SWITCH			067-000
11RE000N	011RE01N	7/4		C10D270	C10D270	3/2		SD02G		8/3		1SD28P		8/3	
11RE000P	011RE01P	7/4		C10D280	C10D280	3/2		SD02R		8/3		1SD29N		8/3	
11RE001N	011RE01N	7/2		C10D290	C10D290	3/2		SD03G		8/3		1SD29P		8/3	
11RE001P	011RE01P	7/2		C10D300	C10D300	3/2		SD03R		8/3	PCRTCTSO	PCRTCTSO	8/3		
11RE002N	011RE02N	7/2		C10D310	C10D310	3/2		SD04G		8/3	PCRTDCD0	PCRTDCD0	8/3		
11RE002P	011RE02P	7/2		C10D320	C10D320	3/2		SD04R		8/3	PCRTDSR0	PCRTDSR0	8/3		
11RE003N	011RE03N	7/2		C10D330	C10D330	3/2		SD05G		8/3	PCRTDTR0	PCRTDTR0	8/3		
11RE003P	011RE03P	7/2		C10D340	C10D340	3/2		SD05R		8/3	PCRTTTS0	PCRTTTS0	8/3		
11XCK00N	011XCK00N	7/2		C10D350	C10D350	3/2		SD06G		8/3	PCRTXDX0	PCRTXDX0	8/3		
11XCK00P	011XCK01P	7/4		C10EACK0	C10EACK0	3/2		SD06R		8/3	PCRTTXD0	PCRTTXD0	8/3		
11XCK00P	011XCK1P	7/4		C10IAK0	C10IAK0	3/2		SD07G		8/3	PER40	PER40	8/3		
11XCK0P	011XCK0P	7/2		C10IDL0	C10IDL0	3/2		SD07R		8/3	PER56	PER56	8/3		
11XCK00N	011XCK1N	7/4		C10INH0	C10INH0	3/2		SD08G		8/3	PPRTCTSO	PPRTCTSO	8/3		
11XCK00P	011XCK1P	7/4		C10MRO	C10MRO	3/2		SD08R		8/3	PPRTDCD0	PPRTDCD0	8/3		
11XCK01N	011XCK1N	7/2		C10ORDY0	C10ORDY0	3/2		SD09G		8/3	PPRTDSR0	PPRTDSR0	8/3		
11XCK01P	011XCK1P	7/2		C10ORD0	C10ORD0	3/2		SD09R		8/3	PPRTDTR0	PPRTDTR0	8/3		
11XCK02N	011XCK2N	7/2		C10RINO	C10RINO	3/2		SD10G		8/3	PPRTTTS0	PPRTTTS0	8/3		
11XCK02P	011XCK2P	7/2		C10RSR0	C10RSR0	3/2		SD10R		8/3	PPRTXDX0	PPRTXDX0	8/3		
11XCK03N	011XCK3N	7/2		C10RST0	C10RST0	3/2		SD11G		8/3	PPRTTXD0	PPRTTXD0	8/3		
11XCK03P	011XCK3P	7/2		C10SAK0	C10SAK0	3/2		SD11R		8/3	SCAR40	OSC11P	8/3		
MAIN STORE, IO DFC UNIT			047-000	C10WCA0	C10WCA0	3/2		OSC12N		8/3	SCAR56	OSC15P	8/3		
C10AD000	C10AD000	3/2		C10WDO	C10WDO	3/2		OSC12P		8/3	SCA40	OSC11N	8/3		
C10AD100	C10AD100	3/2		DOABUS0	DOABUS0	3/2		OSC13N		8/3	SCA56	OSC15N	8/3		
C10AD200	C10AD200	3/2		DOCLRO	DOCLRO	3/2		OSC13P		8/3	SCBR40	OSC36P	8/3		
C10AD300	C10AD300	3/2													
C10AD400	C10AD400	3/2		D0DBUS0	D0DBUS0	3/2		OSC20N		8/3	SCBR56	OSC38P	8/3		
C10AD500	C10AD500	3/2		D0SCMO	D0SCMO	3/2		OSC20P		8/3	SCB40	OSC36N	8/3		
C10AK000	C10AK000	3/2		D0SG00	D0SG00	3/2		OSC21N		8/3	SCB56	OSC38N	8/3		
C10AK100	C10AK100	3/2		D0WRT0	D0WRT0	3/2		OSC21P		8/3	SCCR40	OSC37P	8/3		
C10AK200	C10AK200	3/2		D1ABUS0	D1ABUS0	3/2		OSC28N		8/3	SCCR56	OSC39P	8/3		
C10AK300	C10AK300	3/2		D1CLRO	D1CLRO	3/2		OSC28P		8/3	SCC40	OSC37N	8/3		
C10AK400	C10AK400	3/2		D1DBUS0	D1DBUS0	3/2		OSC29N		8/3	SCC56	OSC39N	8/3		
C10AK500	C10AK500	3/2		D1SCMO	D1SCMO	3/2		OSC29P		8/3	OCRTCTSO	OCRTCTSO	8/3		
C10ASW0	C10ASW0	3/2		D1SG00	D1SG00	3/2		OSD12N		8/3	OCRTDCD0	OCRTDCD0	8/3		
C10CER0	C10CER0	3/2		D1WRT0	D1WRT0	3/2		OSD12P		8/3	OCRTDSR0	OCRTDSR0	8/3		
C10CLE0	C10CLE0	3/2		GRD04070	GRDCA18	3/2		OSD13N		8/3	OCRTDTR0	OCRTDTR0	8/3		
C10D000	C10D000	3/2		GRD04072	GRDCA19	3/2		OSD13P		8/3	OCRTTTS0	OCRTTTS0	8/3		
C10D010	C10D010	3/2		GRD04070	GRDCA20	3/2		OSD20N		8/3	OCRTXDX0	OCRTXDX0	8/3		
C10D020	C10D020	3/2		GRD04072	GRDCA21	3/2		OSD20P		8/3	OCRTTXD0	OCRTTXD0	8/3		
C10D030	C10D030	3/2		GRD04072	GRDCA22	3/2		OSD21N		8/3	OER40	OER40	8/3		
C10D040	C10D040	3/2		GRD04072	GRDCA23	3/2		OSD21P		8/3	OER56	OER56	8/3		
C10D050	C10D050	3/2		GRD04072	GRDCA24	3/2		OSD28N		8/3	OPRTCTSO	OPRTCTSO	8/3		
C10D060	C10D060	3/2		GRD04072	GRDCA25	3/2		OSD28P		8/3	OPRTDCD0	OPRTDCD0	8/3		
C10D070	C10D070	3/2		INT000	INT000	3/2		OSD29N		8/3	OPRTDSR0	OPRTDSR0	8/3		
C10D080	C10D080	3/2		INT010	INT010	3/2		OSD29P		8/3	OPRTDTR0	OPRTDTR0	8/3		
C10D090	C10D090	3/2		INT020	INT020	3/2		1SC12N		8/3	OPRTTTS0	OPRTTTS0	8/3		
C10D100	C10D100	3/2		INT030	INT030	3/2		1SC12P		8/3	OPRTXDX0	OPRTXDX0	8/3		
C10D110	C10D110	3/2		INT100	INT100	3/2		1SC13N		8/3	OPRTTXD0	OPRTTXD0	8/3		
C10D120	C10D120	3/2		INT110	INT110	3/2		1SC13P		8/3	1CRTCTSO	1CRTCTSO	8/3		
C10D130	C10D130	3/2		INT120	INT120	3/2		1SC20N		8/3	1CRTDCD0	1CRTDCD0	8/3		
C10D140	C10D140	3/2		INT150	INT150	3/2		1SC20P		8/3	1CRTDSR0	1CRTDSR0	8/3		
C10D150	C10D150	3/2		INT160	INT160	3/2		1SC21N		8/3	1CRTDTR0	1CRTDTR0	8/3		
C10D160	C10D160	3/2		INT170	INT170	3/2		1SC21P		8/3	1CRTTTS0	1CRTTTS0	8/3		
C10D170	C10D170	3/2		SA251	SA251	3/2		1SC28N		8/3	1CRTXDX0	1CRTXDX0	8/3		
C10D180	C10D180	3/2		SER000	SER000	3/2		1SC28P		8/3	1CRTTXD0	1CRTTXD0	8/3		
C10D190	C10D190	3/2		SER010	SER010	3/2		1SC29N		8/3	1ER40	1ER40	8/3		
C10D200	C10D200	3/2		SER020	SER020	3/2		1SC29P		8/3	1ER56	1ER56	8/3		
C10D210	C10D210	3/2		SER030	SER030	3/2		1SD12N		8/3	1PRTCTSO	1PRTCTSO	8/3		
C10D220	C10D220	3/2		VLM00	VLM00	3/2		1SD12P		8/3	1PRTDCD0	1PRTDCD0	8/3		
C10D230	C10D230	3/2		PORT SWITCH UNIT 007-000				1SD13N		8/3	1PRTDSR0	1PRTDSR0	8/3		
C10D240	C10D240	3/2						1SD13P							

PART OF FS 1 PC GROWTH COMMUNICATIONS INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 1
IFD SYMBOL(S): 1,2,3,4
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PROCESSOR CONTROL CABINET		DWG SIZE 6S	ISSUE 8M
AT&T	SD-4C119-01	SHEET B1AA	

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PART OF FS 1										PART OF FS 1										PART OF FS 1																			
PC GROWTH COMMUNICATIONS										PC GROWTH COMMUNICATIONS										PC GROWTH COMMUNICATIONS																			
SYMBOL NO. 1										SYMBOL NO. 1 (CONT)										SYMBOL NO. 2 (CONT)																			
PERIPHERAL CONTROL 1-3										PERIPHERAL CONTROL 1-3										PERIPHERAL CONTROL 1-3																			
MAIN STORE AND IOP GROWTH UNIT										MAIN STORE AND IOP GROWTH UNIT										IOP BASIC UNIT																			
DESIG	EQPT	CODE	ELEM	OPT						DESIG	EQPT	CODE	ELEM	OPT						DESIG	EQPT	CODE	ELEM	OPT															
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PCG1-3	038-000	J1C147BC	A	(2)						PCG1-3	038-000	J1C147BC	A	(2)						PCG1-3	029-000	J1C147BD	A																
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC						LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC						LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC						
DESIG	---	---	OPT	---	---	MOD	---						DESIG	---	---	OPT	---	---	---	---	---						DESIG	---	---	OPT	---	---	MOD	---					
---	---	---	---	---	---	---	---						---	---	---	---	---	---	---	---	---						---	---	---	---	---	---	---	---					
CINT20	I	04-060-001		1/2		CINT20	4/1						OOL20	O	04-061-010		1/2		OOL20	5/2						DMAZ141	O	04-076-047		1/1		DMAZ141	1/6						
CLRPC20	I	04-061-003		1/2		CLRPC20	4/1						OOS21	I	04-061-035		1/2		OOS21	5/2						DMAZ151	O	04-077-048		1/1		DMAZ151	1/6						
CSA200	O	04-060-005		1/2		CSA200	4/1						PCSEL200	I	04-061-008		1/2		PCSEL200	4/1						ER200	I	04-077-014		1/1		ER200	1/6						
CSA210	O	04-060-004		1/2		CSA210	4/2						PCSEL210	I	04-060-007		1/2		PCSEL210	4/2						ER210	I	04-077-015		1/1		ER210	1/6						
CSA220	O	04-061-004		1/2		CSA220	4/3						PCSEL220	I	04-061-007		1/2		PCSEL220	4/3						ER220	I	04-076-015		1/1		ER220	1/6						
CSA230	O	04-060-003		1/2		CSA230	4/4						PCSEL230	I	04-061-006		1/2		PCSEL230	4/4						ER230	I	04-077-016		1/1		ER230	1/6						
DMAD201	IO	04-061-040		1/2		DMAD201	4/1						RISL820	I	04-061-002		1/2		RISL820	4/1						GRDCA34	GRD	04-076-013		1/1		GRD04076	6/1						
DMAD211	IO	04-060-039		1/2		DMAD211	4/1						SISL820	I	04-060-002		1/2		SISL820	4/1						GRD	04-076-019		1/1		GRD04076	6/1							
DMAD221	IO	04-061-039		1/2		DMAD221	4/1						SR200	O	04-060-022		1/2		SR200	4/1						GRD	04-076-024		1/1		GRD04076	6/1							
DMAD231	IO	04-061-038		1/2		DMAD231	4/1						SR210	O	04-061-021		1/2		SR210	4/2						GRD	04-077-013		1/1		GRD04077	6/1							
DMAD241	IO	04-060-037		1/2		DMAD241	4/1						SR220	O	04-060-021		1/2		SR220	4/3						GRD	04-077-018		1/1		GRD04077	6/1							
DMAD251	IO	04-061-037		1/2		DMAD251	4/1						SR230	O	04-061-020		1/2		SR230	4/4						GRD	04-077-024		1/1		GRD04077	6/1							
DMAD261	IO	04-060-036		1/2		DMAD261	4/1						SYMBOL NO. 2										GRDCA35	GRD	04-076-032		1/1		GRD04076	6/1									
DMAD271	IO	04-061-036		1/2		DMAD271	4/1						PERIPHERAL CONTROL 1-3										GRD	04-076-038		1/1		GRD04076	6/1										
DMAD281	IO	04-060-035		1/2		DMAD281	4/1						IOP BASIC UNIT										GRD	04-076-043		1/1		GRD04076	6/1										
DMAOC20	I	04-060-023		1/2		DMAOC20	4/1						DESIG	EQPT	CODE	ELEM	OPT						GRD	04-077-032		1/1		GRD04077	6/1										
DMARD20	I	04-061-023		1/2		DMARD20	4/1						-----	---	---	---	---						GRD	04-077-037		1/1		GRD04077	6/1										
DMARQ20	I	04-061-022		1/2		DMARQ20	4/1						PCG1-3	029-000	J1C147BD	A							GRD	04-077-043		1/1		GRD04077	6/1										
DMAWR20	I	04-061-001		1/2		DMAWR20	4/1						LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC						GRDCA36	GRD	04-076-045		1/1		GRD04076	6/1						
DMAZ001	I	04-060-020		1/2		DMAZ001	4/1						---	---	---	---	---						GRD	04-077-037		1/1		GRD04077	6/1										
DMAZ011	I	04-061-019		1/2		DMAZ011	4/1						CINT20	O	04-077-023		1/1		CINT20	1/6						GRD	04-076-056		1/1		GRD04076	6/1							
DMAZ021	I	04-060-018		1/2		DMAZ021	4/1						CLRPC20	O	04-076-021		1/1		CLRPC20	1/6						GRD	04-077-045		1/1		GRD04077	6/1							
DMAZ031	I	04-060-017		1/2		DMAZ031	4/1						CSA200	I	04-077-019		1/1		CSA200	1/6						GRD	04-077-050		1/1		GRD04077	6/1							
DMAZ041	I	04-061-017		1/2		DMAZ041	4/1						CSA210	I	04-077-020		1/1		CSA210	1/6						GRD	04-077-056		1/1		GRD04077	6/1							
DMAZ051	I	04-060-016		1/2		DMAZ051	4/1						CSA220	I	04-076-020		1/1		CSA220	1/6						INT200	I	04-077-054		1/1		INTZ00	1/6						
DMAZ061	I	04-061-016		1/2		DMAZ061	4/1						CSA230	I	04-077-021		1/1		CSA230	1/6						INTZ10	I	04-076-054		1/1		INTZ10	1/6						
DMAZ071	I	04-060-015		1/2		DMAZ071	4/1						DMAD201	IO	04-076-048		1/1		DMAD201	1/6						INTZ20	I	04-077-055		1/1		INTZ20	1/6						
DMAZ081	I	04-061-015		1/2		DMAZ081	4/1						DMAD211	IO	04-077-049		1/1		DMAD211	1/6						INTZ30	I	04-076-055		1/1		INTZ30	1/6						
DMAZ091	I	04-060-014		1/2		DMAZ091	4/1						DMAD221	IO	04-076-049		1/1		DMAD221	1/6						OOL20	I	04-076-014		1/1		OOL20	1/6						
DMAZ101	I	04-061-014		1/2		DMAZ101	4/1						DMAD231	IO	04-076-050		1/1		DMAD231	1/6						OOS21	O	04-076-053		1/1		OOS21	1/6						
DMAZ111	I	04-060-042		1/2		DMAZ111	4/1						DMAD241	IO	04-077-051		1/1		DMAD241	1/6						PCSEL200	O	04-076-016		1/1		PCSEL200	1/6						
DMAZ121	I	04-061-042		1/2		DMAZ121	4/1						DMAD251	IO	04-076-051		1/1		DMAD251	1/6						PCSEL210	O	04-077-017		1/1		PCSEL210	1/6						
DMAZ131	I	04-060-041		1/2		DMAZ131	4/1						DMAD261	IO	04-077-052		1/1		DMAD261	1/6						PCSEL220	O	04-076-017		1/1		PCSEL220	1/6						
DMAZ141	I	04-061-041		1/2		DMAZ141	4/1						DMAD271	IO	04-076-052		1/1		DMAD271	1/6						PCSEL230	O	04-076-018		1/1		PCSEL230	1/6						
DMAZ151	I	04-060-040		1/2		DMAZ151	4/1						DMAD281	IO	04-076-053		1/1		DMAD281	1/6						RISL820	O	04-076-022		1/1		RISL820	1/6						
ER200	O	04-060-010		1/2		ER200	4/1						DMAOC20	O	04-077-033		1/1		DMAOC20	1/6						SISL820	O	04-077-022		1/1		SISL820	1/6						
ER210	O	04-060-009		1/2		ER210	4/2						DMARD20	O	04-076-033		1/1		DMARD20	1/6						SR200	I	04-077-034		1/1		SR200	1/6						
ER220	O	04-061-009		1/2		ER220	4/3						DMARQ20	O	04-076-034		1/1		DMARQ20	1/6						SR210	I	04-076-035		1/1		SR210	1/6						
ER230	O	04-060-008		1/2		ER230	4/4						DMAWR20	O	04-076-023		1/1		DMAWR20	1/6						SR220	I	04-077-035		1/1		SR220	1/6						
GRDCA34	GRD	04-060-000		1/1		GRD04060	7/1						DMAZ001	O	04-077-037		1/1		DMAZ001	1/6						SR230	I	04-076-036		1/1		SR230	1/6						
	GRD	04-060-006		1/1		GRD04060	7/1						DMAZ011	O	04-076-037		1/1		DMAZ011	1/6						PART OF FS 1													
	GRD	04-060-011		1/1		GRD04060	7/1						DMAZ021	O	04-077-038		1/1		DMAZ021	1/6						SYMBOL(S) 1 2													
	GRD	04-061-000		1/2		GRD04061	7/1						DMAZ031	O	04-077-039		1/1		DMAZ031	1/6						COPYRIGHT (C) 1990 AT&T ALL RIGHTS RESERVED PROCESSOR CONTROL CABINET AT&T SD-4C119-01 B1CA													
	GRD	04-061-005		1/1		GRD04061	7/1						DMAZ041	O	04-076-039		1/1		DMAZ041	1/6																			
	GRD	04-061-011		1/1		GRD04061	7/1						DMAZ051	O	04-077-040		1/1		DMAZ051	1/6																			
GRDCA35	GRD	04-060-013		1/1		GRD04060	7/1						DMAZ061	O	04-076-040		1/1		DMAZ061	1/6																			
	GRD	04-060-019		1/2		GRD04060	7/1						DMAZ071	O	04-077-041		1/1		DMAZ071	1/6																			
	GRD	04-060-024		1/1		GRD04060	7/1						DMAZ081	O	04-076-041		1/1		DMAZ081	1/6																			
	GRD	04-061-013		1/1		GRD04061	7/1						DMAZ091	O																									

PART OF FS 1

PC GROWTH COMMUNICATIONS

SYMBOL NO. 3

PERIPHERAL CONTROL 4-6
MAIN STORE AND IOP GROWTH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PCG4-6	038-000	J1C147BC	B	(2)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
CINT30	I	04-054-001		1/4		CINT30	4/5
CLRPC30	I	04-055-003		1/4		CLRPC30	4/5
CSA300	O	04-054-005		1/4		CSA300	4/5
CSA310	O	04-054-004		1/4		CSA310	4/6
CSA320	O	04-055-004		1/4		CSA320	4/7
CSA330	O	04-054-003		1/4		CSA330	4/8
DMAD301	IO	04-055-040		1/4		DMAD301	4/5
DMAD311	IO	04-054-039		1/4		DMAD311	4/5
DMAD321	IO	04-055-039		1/4		DMAD321	4/5
DMAD331	IO	04-055-038		1/4		DMAD331	4/5
DMAD341	IO	04-054-037		1/4		DMAD341	4/5
DMAD351	IO	04-055-037		1/4		DMAD351	4/5
DMAD361	IO	04-054-036		1/4		DMAD361	4/5
DMAD371	IO	04-055-036		1/4		DMAD371	4/5
DMAD381	IO	04-054-035		1/4		DMAD381	4/5
DMAOC30	I	04-054-023		1/4		DMAOC30	4/5
DMARD30	I	04-055-023		1/4		DMARD30	4/5
DMARG30	I	04-055-022		1/4		DMARG30	4/5
DMAWR30	I	04-055-001		1/4		DMAWR30	4/5
DMA3001	I	04-054-020		1/4		DMA3001	4/5
DMA3011	I	04-055-019		1/4		DMA3011	4/5
DMA3021	I	04-054-018		1/4		DMA3021	4/5
DMA3031	I	04-054-017		1/4		DMA3031	4/5
DMA3041	I	04-055-017		1/4		DMA3041	4/5
DMA3051	I	04-054-016		1/4		DMA3051	4/5
DMA3061	I	04-055-016		1/4		DMA3061	4/5
DMA3071	I	04-054-015		1/4		DMA3071	4/5
DMA3081	I	04-055-015		1/4		DMA3081	4/5
DMA3091	I	04-054-014		1/4		DMA3091	4/5
DMA3101	I	04-055-014		1/4		DMA3101	4/5
DMA3111	I	04-054-042		1/4		DMA3111	4/5
DMA3121	I	04-055-042		1/4		DMA3121	4/5
DMA3131	I	04-054-041		1/4		DMA3131	4/5
DMA3141	I	04-055-041		1/4		DMA3141	4/5
DMA3151	I	04-054-040		1/4		DMA3151	4/5
ER300	O	04-054-010		1/4		ER300	4/5
ER310	O	04-054-009		1/4		ER310	4/6
ER320	O	04-055-009		1/4		ER320	4/7
ER330	O	04-054-008		1/4		ER330	4/8
GRDCA37	GRD	04-054-000		1/3		GRD04054	7/1
	GRD	04-054-006		1/3		GRD04054	7/1
	GRD	04-054-011		1/3		GRD04054	7/1
	GRD	04-055-000		1/4		GRD04055	7/1
	GRD	04-055-005		1/3		GRD04055	7/1
	GRD	04-055-011		1/3		GRD04055	7/1
GRDCA38	GRD	04-054-013		1/4		GRD04054	7/1
	GRD	04-054-019		1/3		GRD04054	7/1
	GRD	04-054-024		1/3		GRD04054	7/1
	GRD	04-055-013		1/3		GRD04055	7/1
	GRD	04-055-018		1/3		GRD04055	7/1
	GRD	04-055-024		1/3		GRD04055	7/1
GRDCA39	GRD	04-054-032		1/3		GRD04054	7/1
	GRD	04-054-038		1/3		GRD04054	7/1
	GRD	04-054-043		1/3		GRD04054	7/1
	GRD	04-055-032		1/4		GRD04055	7/1
	GRD	04-055-043		1/3		GRD04055	7/1
	O	04-054-034		1/4		INT300	4/5
INT300							
INT310	O	04-055-034		1/4		INT310	4/6
INT320	O	04-054-033		1/4		INT320	4/7
INT330	O	04-055-033		1/4		INT330	4/8

SYMBOL NO. 3 (CONT)

PERIPHERAL CONTROL 4-6
MAIN STORE AND IOP GROWTH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PCG4-6	038-000	J1C147BC	B	(2)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OOL30	O	04-055-010		1/4		OOL30	6/1
OOS31	I	04-055-035		1/4		OOS31	6/1
PCSEL300	I	04-055-008		1/4		PCSEL300	4/5
PCSEL310	I	04-054-007		1/4		PCSEL310	4/6
PCSEL320	I	04-055-007		1/4		PCSEL320	4/7
PCSEL330	I	04-055-006		1/4		PCSEL330	4/8
RISL830	I	04-055-002		1/4		RISL830	4/5
SISL830	I	04-054-002		1/4		SISL830	4/5
SR300	O	04-054-022		1/4		SR300	4/5
SR310	O	04-055-021		1/4		SR310	4/6
SR320	O	04-054-021		1/4		SR320	4/7
SR330	O	04-055-020		1/4		SR330	4/8

SYMBOL NO. 4

PERIPHERAL CONTROL 4-6
IOP BASIC UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PCG4-6	029-000	J1C147BD	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
CINT30	O	04-071-023		1/3		CINT30	1/6
CLRPC30	O	04-070-021		1/3		CLRPC30	1/6
CSA300	I	04-071-019		1/3		CSA300	1/6
CSA310	I	04-071-020		1/3		CSA310	1/6
CSA320	I	04-070-020		1/3		CSA320	1/6
CSA330	I	04-071-021		1/3		CSA330	1/6
DMAD301	IO	04-070-048		1/3		DMAD301	1/6
DMAD311	IO	04-071-049		1/3		DMAD311	1/6
DMAD321	IO	04-070-049		1/3		DMAD321	1/6
DMAD331	IO	04-070-050		1/3		DMAD331	1/6
DMAD341	IO	04-071-051		1/3		DMAD341	1/6
DMAD351	IO	04-070-051		1/3		DMAD351	1/6
DMAD361	IO	04-071-052		1/3		DMAD361	1/6
DMAD371	IO	04-070-052		1/3		DMAD371	1/6
DMAD381	IO	04-071-053		1/3		DMAD381	1/6
DMAOC30	O	04-071-033		1/3		DMAOC30	1/6
DMARD30	O	04-070-033		1/3		DMARD30	1/6
DMARG30	O	04-070-034		1/3		DMARG30	1/6
DMAWR30	O	04-070-023		1/3		DMAWR30	1/6
DMA3001	O	04-071-036		1/3		DMA3001	1/6
DMA3011	O	04-070-037		1/3		DMA3011	1/6
DMA3021	O	04-071-038		1/3		DMA3021	1/6
DMA3031	O	04-071-039		1/3		DMA3031	1/6
DMA3041	O	04-070-039		1/3		DMA3041	1/6
DMA3051	O	04-071-040		1/3		DMA3051	1/6
DMA3061	O	04-070-040		1/3		DMA3061	1/6
DMA3071	O	04-071-041		1/3		DMA3071	1/6
DMA3081	O	04-070-041		1/3		DMA3081	1/6
DMA3091	O	04-071-042		1/3		DMA3091	1/6
DMA3101	O	04-070-042		1/3		DMA3101	1/6
DMA3111	O	04-071-046		1/3		DMA3111	1/6
DMA3121	O	04-070-046		1/3		DMA3121	1/6
DMA3131	O	04-071-047		1/3		DMA3131	1/6

SYMBOL NO. 4 (CONT)

PERIPHERAL CONTROL 4-6
IOP BASIC UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PCG4-6	029-000	J1C147BD	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
DMA3141	O	04-070-047		1/3		DMA3141	1/6
DMA3151	O	04-071-048		1/3		DMA3151	1/6
ER300	I	04-071-014		1/3		ER300	1/6
ER310	I	04-071-015		1/3		ER310	1/6
ER320	I	04-070-015		1/3		ER320	1/6
ER330	I	04-071-016		1/3		ER330	1/6
GRDCA37	GRD	04-070-013		1/3		GRD04070	6/1
	GRD	04-070-019		1/3		GRD04070	6/1
	GRD	04-070-024		1/3		GRD04070	6/1
	GRD	04-071-013		1/3		GRD04071	6/1
	GRD	04-071-018		1/3		GRD04071	6/1
	GRD	04-071-024		1/3		GRD04071	6/1
GRDCA38	GRD	04-070-032		1/3		GRD04070	6/1
	GRD	04-070-038		1/3		GRD04070	6/1
	GRD	04-070-043		1/3		GRD04070	6/1
	GRD	04-071-032		1/3		GRD04071	6/1
	GRD	04-071-037		1/3		GRD04071	6/1
	GRD	04-071-043		1/3		GRD04071	6/1
GRDCA39	GRD	04-070-045		1/3		GRD04070	6/1
	GRD	04-070-056		1/3		GRD04070	6/1
	GRD	04-071-045		1/3		GRD04071	6/1
	GRD	04-071-050		1/3		GRD04071	6/1
	GRD	04-071-056		1/3		GRD04071	6/1
	I	04-071-054		1/3		INT300	1/6
INT300							
INT310	I	04-070-054		1/3		INT310	1/6
INT320	I	04-071-055		1/3		INT320	1/6
INT330	I	04-070-055		1/3		INT330	1/6
OOL30	I	04-070-014		1/3		OOL30	1/6
OOS31	O	04-070-053		1/3		OOS31	1/6
PCSEL300	O	04-070-016		1/3		PCSEL300	1/6
PCSEL310	O	04-071-017		1/3		PCSEL310	1/6
PCSEL320	O	04-070-017		1/3		PCSEL320	1/6
PCSEL330	O	04-070-018		1/3		PCSEL330	1/6
RISL830	O	04-070-022		1/3		RISL830	1/6
SISL830	O	04-071-022		1/3		SISL830	1/6
SR300	I	04-071-034		1/3		SR300	1/6
SR310	I	04-070-035		1/3		SR310	1/6
SR320	I	04-071-035		1/3		SR320	1/6
SR330	I	04-070-036		1/3		SR330	1/6

PART OF FS 1

SYMBOL(S) 3 4

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PROCESSOR CONTROL CABINET

DWG SIZE
C2ISSUE
8M

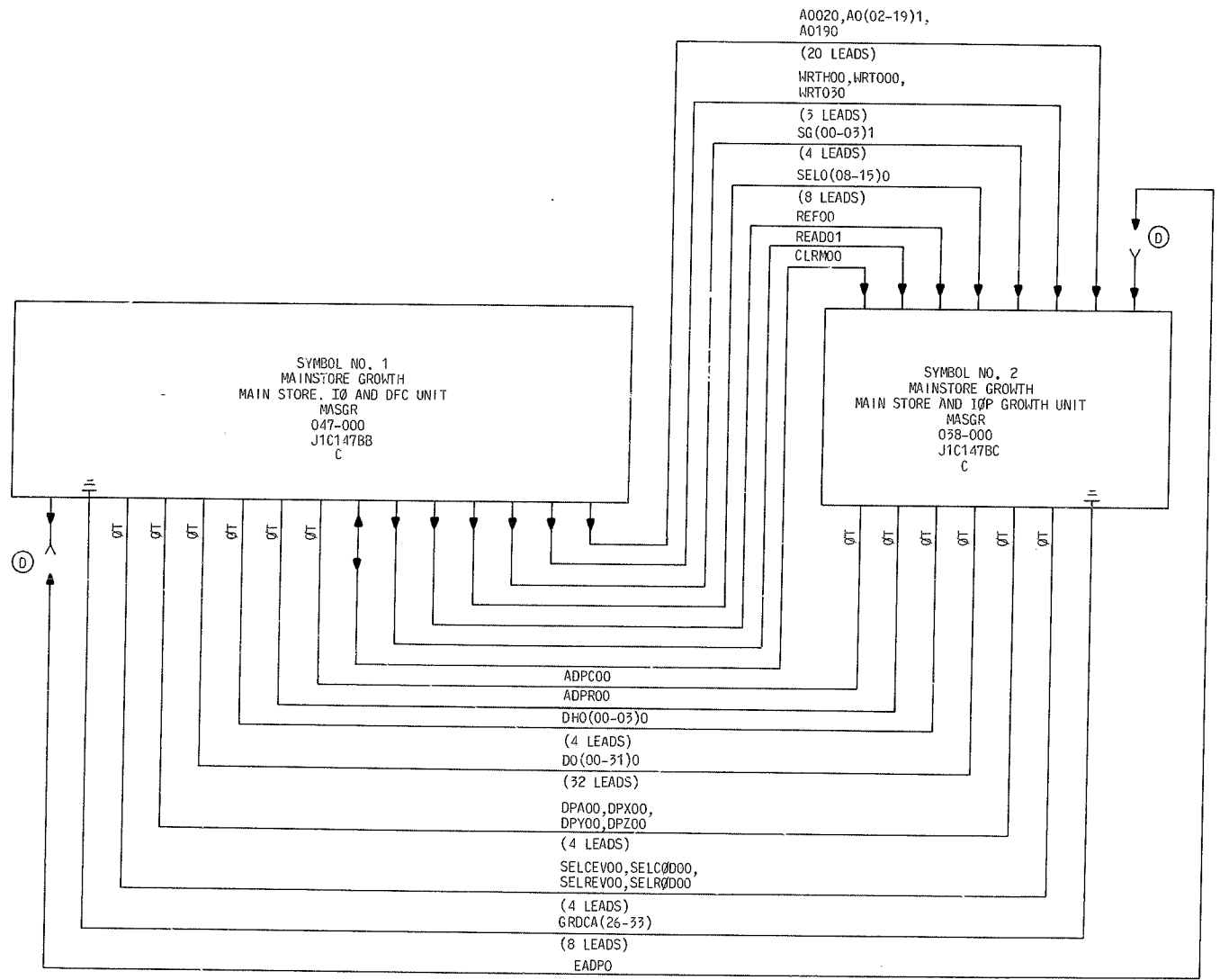
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B1CB

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PART OF FS 2
MAINSTORE GROWTH
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 2									
MAINSTORE GROWTH									
SYMBOL NO. 1									
MAINSTORE GROWTH									
MAIN STORE, IO AND DFC UNIT									
DESIG	EQPT	CODE	ELEM	OPT	DESIG	EQPT	CODE	ELEM	OPT
MASGR	047-000	J1C147BB	C		MASGR	047-000	J1C147BB	C	
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.
DESIG			MOD			DESIG			MOD
ADPC00	OT	04-125-016		2/2		D0290	OT	04-125-006	
ADPR00	OT	04-131-014		2/2		D0300	OT	04-125-013	
A0020	O	04-131-034		2/2		D0310	OT	04-125-015	
A0021	O	04-131-035		2/2		EADP0		04-125-009	(D)
A0031	O	04-131-040		2/2		GRDCA26	GRD	04-130-000	
A0041	O	04-131-042		2/2			GRD	04-130-001	
A0051	O	04-131-041		2/2			GRD	04-130-002	
A0061	O	04-131-043		2/2			GRD	04-130-003	
A0071	O	04-131-015		2/2			GRD	04-130-004	
A0081	O	04-131-017		2/2			GRD	04-130-005	
A0091	O	04-131-018		2/2			GRD	04-130-006	
A0101	O	04-131-032		2/2			GRD	04-130-007	
A0111	O	04-131-033		2/2			GRD	04-130-008	
A0121	O	04-131-036		2/2			GRD	04-130-009	
A0131	O	04-131-037		2/2			GRD	04-130-010	
A0141	O	04-131-038		2/2			GRD	04-130-011	
A0151	O	04-131-039		2/2		GRDCA27	GRD	04-130-013	
A0161	O	04-131-016		2/2			GRD	04-130-014	
A0171	O	04-125-011		2/2			GRD	04-130-015	
A0181	O	04-131-009		2/2			GRD	04-130-016	
A0190	O	04-125-020		2/2			GRD	04-130-017	
A0191	O	04-125-043		2/2			GRD	04-130-018	
CLRM00	IO	04-131-020		2/2			GRD	04-130-019	
DH0000	OT	04-125-017		2/2			GRD	04-130-020	
DH0010	OT	04-131-013		2/2			GRD	04-130-021	
DH0020	OT	04-125-045		2/2			GRD	04-130-022	
DH0030	OT	04-125-047		2/2			GRD	04-130-023	
DPA00	OT	04-125-010		2/2			GRD	04-130-024	
DPX00	OT	04-125-018		2/2		GRDCA28	GRD	04-130-032	
DPY00	OT	04-125-046		2/2			GRD	04-130-033	
DPZ00	OT	04-125-048		2/2			GRD	04-130-034	
D0000	OT	04-131-045		2/2			GRD	04-130-035	
D0010	OT	04-131-047		2/2			GRD	04-130-036	
D0020	OT	04-131-050		2/2			GRD	04-130-037	
D0030	OT	04-131-053		2/2			GRD	04-130-038	
D0040	OT	04-131-001		2/2			GRD	04-130-039	
D0050	OT	04-131-004		2/2			GRD	04-130-040	
D0060	OT	04-131-007		2/2			GRD	04-130-041	
D0070	OT	04-131-010		2/2			GRD	04-130-042	
D0080	OT	04-131-046		2/2			GRD	04-130-043	
D0090	OT	04-131-048		2/2		GRDCA29	GRD	04-130-045	
D0100	OT	04-131-051		2/2			GRD	04-130-046	
D0110	OT	04-131-054		2/2			GRD	04-130-047	
D0120	OT	04-131-002		2/2			GRD	04-130-048	
D0130	OT	04-131-005		2/2			GRD	04-130-049	
D0140	OT	04-131-008		2/2			GRD	04-130-050	
D0150	OT	04-131-011		2/2			GRD	04-130-051	
D0160	OT	04-125-049		2/2			GRD	04-130-052	
D0170	OT	04-125-051		2/2			GRD	04-130-053	
D0180	OT	04-125-053		2/2			GRD	04-130-054	
D0190	OT	04-125-055		2/2			GRD	04-130-055	
D0200	OT	04-125-002		2/2			GRD	04-130-056	
D0210	OT	04-125-005		2/2		GRDCA30	GRD	04-124-000	
D0220	OT	04-125-008		2/2			GRD	04-124-001	
D0230	OT	04-125-014		2/2			GRD	04-124-002	
D0240	OT	04-125-050		2/2			GRD	04-124-003	
D0250	OT	04-125-052		2/2			GRD	04-124-004	
D0260	OT	04-125-054		2/2			GRD	04-124-005	
D0270	OT	04-125-056		2/2			GRD	04-124-006	
D0280	OT	04-125-003		2/2			GRD	04-124-007	

PART OF FS 2									
MAINSTORE GROWTH									
SYMBOL NO. 1 (CONT)									
MAINSTORE GROWTH									
MAIN STORE, IO AND DFC UNIT									
DESIG	EQPT	CODE	ELEM	OPT	DESIG	EQPT	CODE	ELEM	OPT
MASGR	047-000	J1C147BB	C		MASGR	047-000	J1C147BB	C	
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	LEAD	FUNC	TERM.	TERM.
DESIG			MOD			DESIG			MOD
	GRD	04-124-008		2/1		GRDCA31	GRD	04-124-011	
	GRD	04-124-009		2/1			GRD	04-124-013	
	GRD	04-124-010		2/1			GRD	04-124-014	
	GRD	04-124-011		2/2			GRD	04-124-015	
	GRD	04-124-013		2/2			GRD	04-124-016	
	GRD	04-124-014		2/1			GRD	04-124-017	
	GRD	04-124-015		2/1			GRD	04-124-018	
	GRD	04-124-016		2/1			GRD	04-124-019	
	GRD	04-124-017		2/1			GRD	04-124-020	
	GRD	04-124-018		2/1			GRD	04-124-021	
	GRD	04-124-019		2/1			GRD	04-124-022	
	GRD	04-124-020		2/1			GRD	04-124-023	
	GRD	04-124-021		2/1			GRD	04-124-024	
	GRD	04-124-022		2/1		GRDCA32	GRD	04-124-032	
	GRD	04-124-023		2/1			GRD	04-124-033	
	GRD	04-124-024		2/1			GRD	04-124-034	
	GRD	04-124-032		2/1			GRD	04-124-035	
	GRD	04-124-033		2/1			GRD	04-124-036	
	GRD	04-124-034		2/1			GRD	04-124-037	
	GRD	04-124-035		2/1			GRD	04-124-038	
	GRD	04-124-036		2/1			GRD	04-124-039	
	GRD	04-124-037		2/1			GRD	04-124-040	
	GRD	04-124-038		2/1			GRD	04-124-041	
	GRD	04-124-039		2/1			GRD	04-124-042	
	GRD	04-124-040		2/1			GRD	04-124-043	
	GRD	04-124-041		2/1		GRDCA33	GRD	04-124-045	
	GRD	04-124-042		2/1			GRD	04-124-046	
	GRD	04-124-043		2/2			GRD	04-124-047	
	GRD	04-124-044		2/1			GRD	04-124-048	
	GRD	04-124-045		2/1			GRD	04-124-049	
	GRD	04-124-046		2/1			GRD	04-124-050	
	GRD	04-124-047		2/1			GRD	04-124-051	
	GRD	04-124-048		2/1			GRD	04-124-052	
	GRD	04-124-049		2/1			GRD	04-124-053	
	GRD	04-124-050		2/1			GRD	04-124-054	
	GRD	04-124-051		2/1			GRD	04-124-055	
	GRD	04-124-052		2/1			GRD	04-124-056	
	GRD	04-124-053		2/1		READ01	GRD	04-125-022	
	GRD	04-124-054		2/1		REF00	O	04-131-019	
	GRD	04-124-055		2/1					
	GRD	04-124-056		2/2					
	GRD	04-125-024		2/2					
	GRD	04-131-022		2/2					
	GRD	04-131-023		2/2					
	GRD	04-131-021		2/2					
	GRD	04-125-035		2/2					
	GRD	04-125-034		2/2					
	GRD	04-125-037		2/2					
	GRD	04-125-036		2/2					

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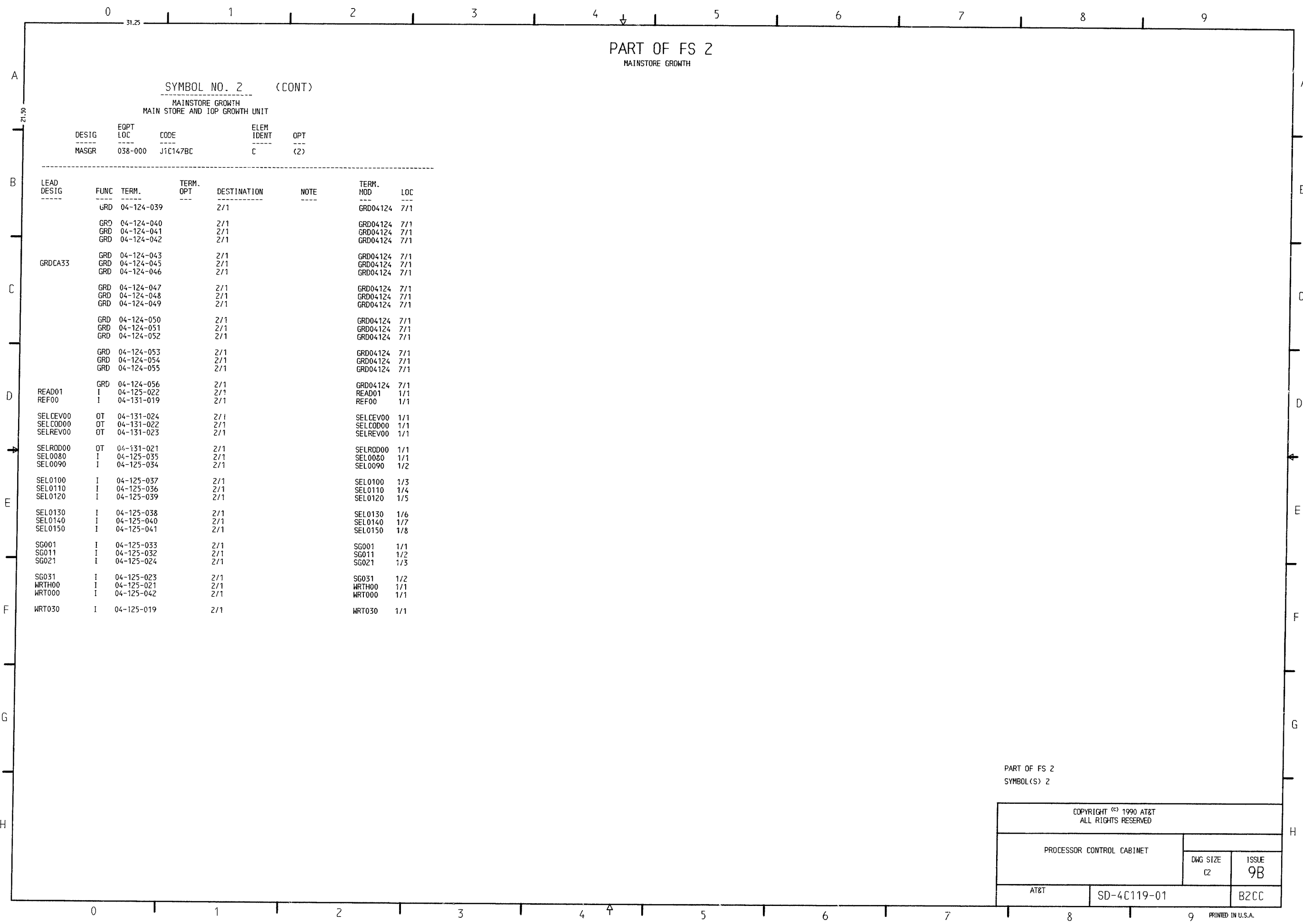
DWG SIZE
C2

ISSUE
9B

B2CA

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PART OF FS 2 MAINSTORE GROWTH										PART OF FS 2 MAINSTORE GROWTH										PART OF FS 2 MAINSTORE GROWTH									
SYMBOL NO. 1 (CONT)										SYMBOL NO. 2 (CONT)										SYMBOL NO. 2 (CONT)									
MAINSTORE GROWTH MAIN STORE, IO AND DFC UNIT										MAINSTORE GROWTH MAIN STORE AND TOP GROWTH UNIT										MAINSTORE GROWTH MAIN STORE AND TOP GROWTH UNIT									
DESIG	EQPT	LOC	CODE	ELEM	IDENT	OPT				DESIG	EQPT	LOC	CODE	ELEM	IDENT	OPT				DESIG	EQPT	LOC	CODE	ELEM	IDENT	OPT			
MASGR	047-000	J1C147BB		C						MASGR	038-000	J1C147BC		C		(2)				MASGR	038-000	J1C147BC		C		(2)			
LEAD	DESIG	FUNC	TERM.	TERM.	DESTINATION	NOTE	MOD	LOC		LEAD	DESIG	FUNC	TERM.	TERM.	DESTINATION	NOTE	MOD	LOC		LEAD	DESIG	FUNC	TERM.	TERM.	DESTINATION	NOTE	MOD	LOC	
SEL0120	0		04-125-039		2/2		SEL0120	10/1		D0020	OT		04-131-050		2/1		D0020	1/1		GRD04130	7/1		GRD	04-130-037		2/1		GRD04130	7/1
SEL0130	0		04-125-038		2/2		SEL0130	10/1		D0030	OT		04-131-053		2/1		D0030	1/1		GRD04130	7/1		GRD	04-130-038		2/1		GRD04130	7/1
SEL0140	0		04-125-040		2/2		SEL0140	10/1		D0040	OT		04-131-001		2/1		D0040	1/1		GRD04130	7/1		GRD	04-130-039		2/1		GRD04130	7/1
SEL0150	0		04-125-041		2/2		SEL0150	10/1		D0050	OT		04-131-004		2/1		D0050	1/1		GRD04130	7/1		GRD	04-130-040		2/1		GRD04130	7/1
SG001	0		04-125-033		2/2		SG001	10/1		D0060	OT		04-131-007		2/1		D0060	1/1		GRD04130	7/1		GRD	04-130-041		2/1		GRD04130	7/1
SG011	0		04-125-032		2/2		SG011	10/1		D0070	OT		04-131-010		2/1		D0070	1/1		GRD04130	7/1		GRD	04-130-042		2/1		GRD04130	7/1
SG021	0		04-125-024		2/2		SG021	10/1		D0080	OT		04-131-046		2/1		D0080	1/1		GRD04130	7/1		GRD	04-130-043		2/1		GRD04130	7/1
SG031	0		04-125-023		2/2		SG031	10/1		D0090	OT		04-131-048		2/1		D0090	1/1		GRD04130	7/1		GRD	04-130-045		2/1		GRD04130	7/1
WRT000	0		04-125-021		2/2		WRT000	10/1		D0100	OT		04-131-051		2/1		D0100	1/1		GRD04130	7/1		GRD	04-130-046		2/1		GRD04130	7/1
WRT000	0		04-125-042		2/2		WRT000	10/1		D0110	OT		04-131-054		2/1		D0110	1/1		GRD04130	7/1		GRD	04-130-047		2/1		GRD04130	7/1
WRT030	0		04-125-019		2/2		WRT030	10/1		D0120	OT		04-131-002		2/1		D0120	1/1		GRD04130	7/1		GRD	04-130-048		2/1		GRD04130	7/1
										D0130	OT		04-131-005		2/1		D0130	1/1		GRD04130	7/1		GRD	04-130-049		2/1		GRD04130	7/1
										D0140	OT		04-131-008		2/1		D0140	1/1		GRD04130	7/1		GRD	04-130-050		2/1		GRD04130	7/1
										D0150	OT		04-131-011		2/1		D0150	1/1		GRD04130	7/1		GRD	04-130-051		2/1		GRD04130	7/1
										D0160	OT		04-125-049		2/1		D0160	1/1		GRD04130	7/1		GRD	04-130-052		2/1		GRD04130	7/1
										D0170	OT		04-125-051		2/1		D0170	1/1		GRD04130	7/1		GRD	04-130-053		2/1		GRD04130	7/1
										D0180	OT		04-125-053		2/1		D0180	1/1		GRD04130	7/1		GRD	04-130-054		2/1		GRD04130	7/1
										D0190	OT		04-125-055		2/1		D0190	1/1		GRD04130	7/1		GRD	04-130-055		2/1		GRD04130	7/1
										D0200	OT		04-125-002		2/1		D0200	1/1		GRD04130	7/1		GRD	04-130-056		2/1		GRD04130	7/1
										D0210	OT		04-125-005		2/1		D0210	1/1		GRD04130	7/1		GRD	04-124-000		2/1		GRD04124	7/1
										D0220	OT		04-125-008		2/1		D0220	1/1		GRD04130	7/1		GRD	04-124-001		2/1		GRD04124	7/1
										D0230	OT		04-125-014		2/1		D0230	1/1		GRD04130	7/1		GRD	04-124-002		2/1		GRD04124	7/1
										D0240	OT		04-125-050		2/1		D0240	1/1		GRD04130	7/1		GRD	04-124-003		2/1		GRD04124	7/1
										D0250	OT		04-125-052		2/1		D0250	1/1		GRD04130	7/1		GRD	04-124-004		2/1		GRD04124	7/1
										D0260	OT		04-125-054		2/1		D0260	1/1		GRD04130	7/1		GRD	04-124-005		2/1		GRD04124	7/1
										D0270	OT		04-125-056		2/1		D0270	1/1		GRD04130	7/1		GRD	04-124-006		2/1		GRD04124	7/1
										D0280	OT		04-125-003		2/1		D0280	1/1		GRD04130	7/1		GRD	04-124-007		2/1		GRD04124	7/1
										D0290	OT		04-125-006		2/1		D0290	1/1		GRD04130	7/1		GRD	04-124-008		2/1		GRD04124	7/1
										D0300	OT		04-125-013		2/1		D0300	1/1		GRD04130	7/1		GRD	04-124-009		2/1		GRD04124	7/1
										D0310	OT		04-125-015		2/1		D0310	1/1		GRD04130	7/1		GRD	04-124-010		2/1		GRD04124	7/1
										EADP0	GRD		04-125-009	(D)	2/1		EADP0	7/1		GRD04130	7/1		GRD	04-124-011		2/1		GRD04124	7/1
										GRDCA26	GRD		04-130-000		2/1		GRD04130	7/1		GRD04130	7/1		GRD	04-124-013		2/1		GRD04124	7/1
													04-130-001		2/1					GRD04130	7/1		GRD	04-124-014		2/1		GRD04124	7/1
													04-130-002		2/1		GRD04130	7/1		GRD04130	7/1		GRD	04-124-015		2/1		GRD04124	7/1
													04-130-003		2/1		GRD04130	7/1		GRD04130	7/1		GRD	04-124-016		2/1		GRD04124	7/1
													04-130-004		2/1		GRD04130	7/1		GRD04130	7/1		GRD	04-124-017		2/1		GRD04124	7/1



PART OF FS 2
MAINSTORE GROWTH

SYMBOL NO. 2 (CONT)

MAINSTORE GROWTH
MAIN STORE AND IOP GROWTH UNIT

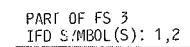
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MASGR	038-000	J1C147BC	C	(2)

LEAD DESIG	FUNC	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
GRDCA33	GRD	04-124-039	2/1		GRD04124	7/1
	GRD	04-124-040	2/1		GRD04124	7/1
	GRD	04-124-041	2/1		GRD04124	7/1
	GRD	04-124-042	2/1		GRD04124	7/1
	GRD	04-124-043	2/1		GRD04124	7/1
	GRD	04-124-045	2/1		GRD04124	7/1
	GRD	04-124-046	2/1		GRD04124	7/1
	GRD	04-124-047	2/1		GRD04124	7/1
	GRD	04-124-048	2/1		GRD04124	7/1
	GRD	04-124-049	2/1		GRD04124	7/1
	GRD	04-124-050	2/1		GRD04124	7/1
	GRD	04-124-051	2/1		GRD04124	7/1
	GRD	04-124-052	2/1		GRD04124	7/1
	GRD	04-124-053	2/1		GRD04124	7/1
	GRD	04-124-054	2/1		GRD04124	7/1
	GRD	04-124-055	2/1		GRD04124	7/1
READ01 REF00	GRD	04-124-056	2/1		GRD04124	7/1
	I	04-125-022	2/1		READ01	1/1
	I	04-131-019	2/1		REF00	1/1
SELCEV00 SELCOD00 SELREV00	OT	04-131-024	2/1		SELCEV00	1/1
	OT	04-131-022	2/1		SELCOD00	1/1
	OT	04-131-023	2/1		SELREV00	1/1
SELROD00 SEL0080 SEL0090	OT	04-131-021	2/1		SELROD00	1/1
	I	04-125-035	2/1		SEL0080	1/1
	I	04-125-034	2/1		SEL0090	1/2
SEL0100 SEL0110 SEL0120	I	04-125-037	2/1		SEL0100	1/3
	I	04-125-036	2/1		SEL0110	1/4
	I	04-125-039	2/1		SEL0120	1/5
SEL0130 SEL0140 SEL0150	I	04-125-038	2/1		SEL0130	1/6
	I	04-125-040	2/1		SEL0140	1/7
	I	04-125-041	2/1		SEL0150	1/8
SG001 SG011 SG021	I	04-125-033	2/1		SG001	1/1
	I	04-125-032	2/1		SG011	1/2
	I	04-125-024	2/1		SG021	1/3
SG031 WRT000 WRT000	I	04-125-023	2/1		SG031	1/2
	I	04-125-021	2/1		WRT000	1/1
	I	04-125-042	2/1		WRT000	1/1
WRT030	I	04-125-019	2/1		WRT030	1/1

PART OF FS 2
SYMBOL(S) 2

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PROCESSOR CONTROL CABINET		DWG SIZE C2
AT&T		ISSUE 9B
SD-4C119-01		BZCC

CENTRAL CONTROL INPUT/OUTPUT BUS INTERCONNECTION AND FLOW DIAGRAM



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DWG SIZE
6S

ISSUE
9B

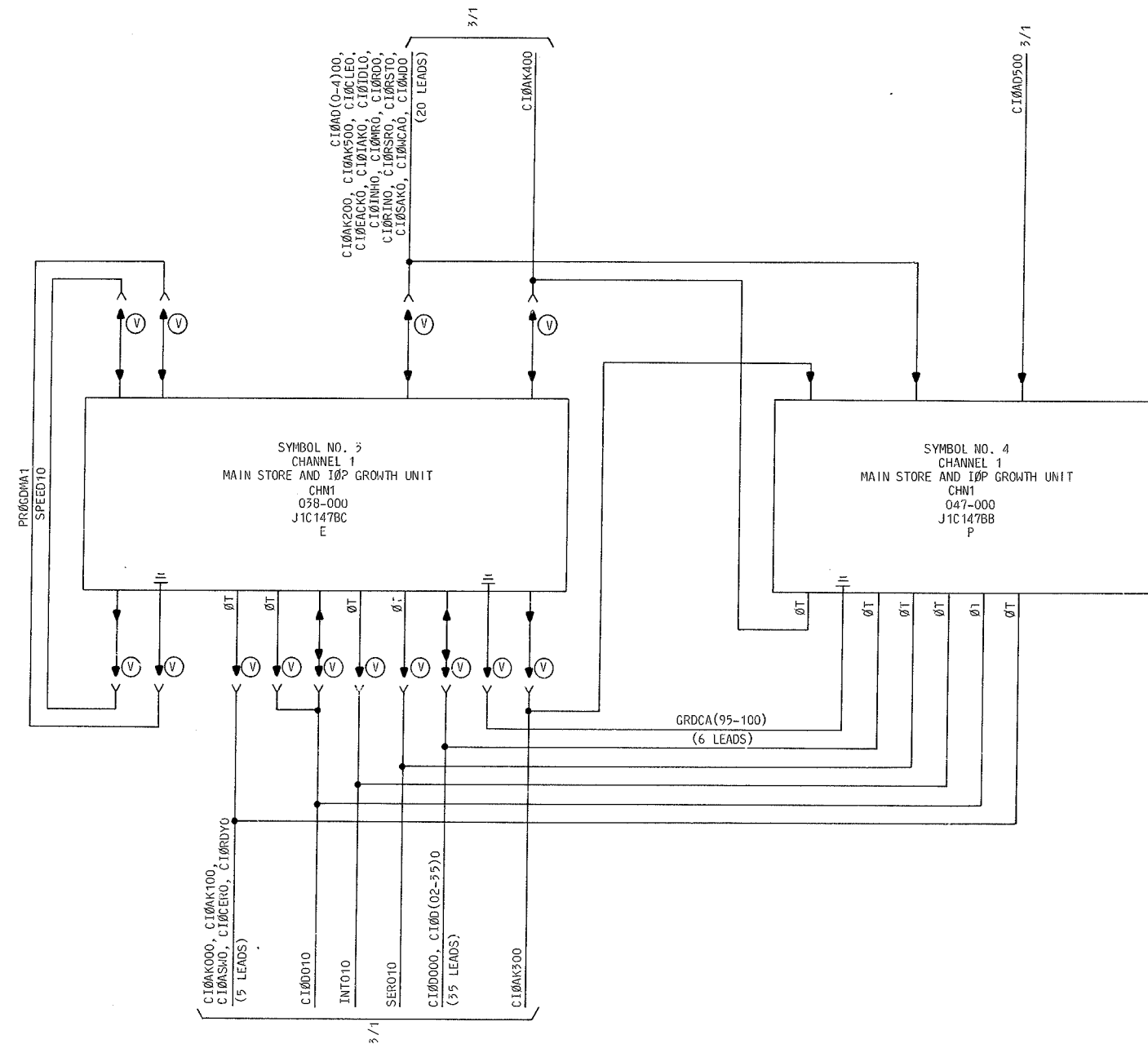
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SHEET
B3AA

E-7421 (7-81)
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CENTRAL CONTROL INPUT/OUTPUT BUS INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 3
IFD SYMBOL(S): 3,4

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PROCESSOR CONTROL CABINET

DWG SIZE

ISSUE

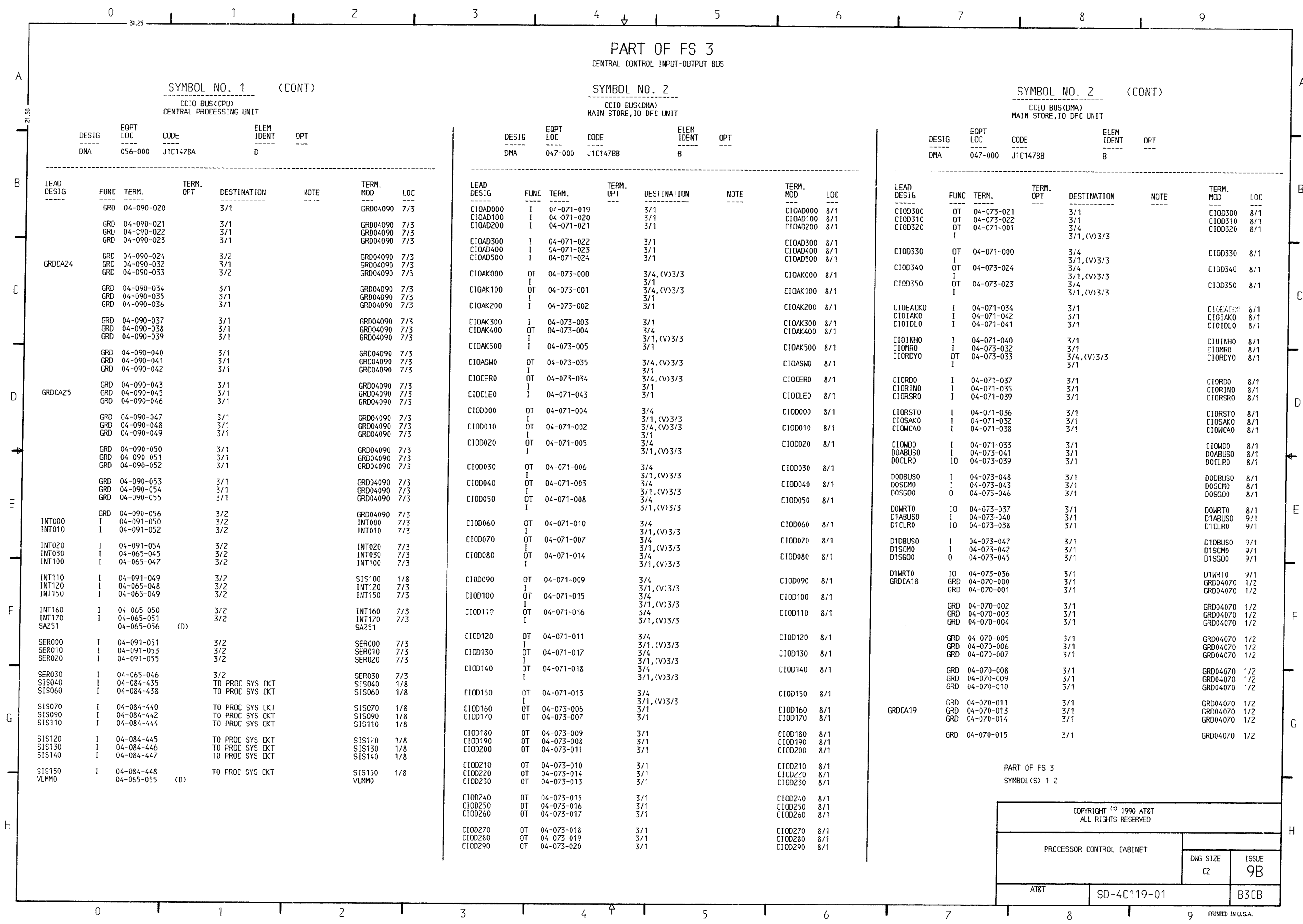
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B3AB

E-7421 (7-61)
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PART OF FS 3															
CENTRAL CONTROL INPUT-OUTPUT BUS															
SYMBOL NO. 1								SYMBOL NO. 1 (CONT)							
CCIO BUS(CPU)								CCIO BUS(CPU)							
CENTRAL PROCESSING UNIT								CENTRAL PROCESSING UNIT							
DESIG	EQPT	CODE	ELEM	OPT	DESIG	EQPT	CODE	ELEM	OPT	DESIG	EQPT	CODE	ELEM	OPT	
DMA	056-000	J1C147BA	B		DMA	056-000	J1C147BA	B		DMA	056-000	J1C147BA	B		
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC	LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC
DESIG			OPT			MOD		DESIG			OPT			MOD	
C10AD000	0	04-065-019		3/2, 3/4		C10AD000	1/8	C10D300	OT	04-091-021		3/2, 3/4		C10D300	1/9
				(V)3/3								(V)3/3			
C10AD100	0	04-065-020		3/2, 3/4		C10AD100	1/8	C10D310	OT	04-091-022		3/2, 3/4		C10D310	1/9
				(V)3/3								(V)3/3			
C10AD200	0	04-065-021		3/2, 3/4		C10AD200	1/8	C10D320	IO	04-065-001		3/2		C10D320	1/12
				(V)3/3								(V)3/3			
C10AD300	0	04-065-022		3/2, 3/4		C10AD300	1/8	C10D330	IO	04-065-000		3/2		C10D330	1/12
				(V)3/3								3/2		C10D340	1/12
C10AD400	0	04-065-023		3/2, 3/4		C10AD400	1/8	C10D350	IO	04-091-024		3/2		C10D350	1/12
				(V)3/3								3/2			
C10AD500	0	04-065-024		3/2, 3/4		C10AD500	1/8	C10EACK0	IO	04-065-034		3/2, 3/4		C10EACK0	1/8
				(V)3/3								(V)3/3			
C10AK000	I	04-091-000		3/2		C10AK000	1/9	C10IAK0	IO	04-065-042		3/2, 3/4		C10IAK0	1/8
C10AK100	I	04-091-001		3/2		C10AK100	1/9					(V)3/3			
C10AK200	I	04-091-002		3/2, 3/4		C10AK200	1/9	C10IDL0	IO	04-065-041		3/2, 3/4		C10IDL0	1/8
				(V)3/3								(V)3/3			
C10AK300	I	04-091-003		(V)3/3		C10AK300	1/9	C10INH0	0	04-065-040		3/2, 3/4		C10INH0	1/8
				3/2, 3/4								(V)3/3			
C10AK400	I	04-091-004		3/2		C10AK400	1/9	C10MR0	I	04-091-032		3/2, 3/4		C10MR0	1/9
C10AK500	I	04-091-005		3/2, 3/4		C10AK500	1/9					(V)3/3			
				(V)3/3				C10RDY0	I	04-091-033		3/2		C10RDY0	1/9
C10ASW0	I	04-091-035		3/2		C10ASW0	1/9	C10RD0	IO	04-065-037		3/2, 3/4		C10RD0	1/8
C10CER0	I	04-091-034		3/2		C10CER0	1/9					(V)3/3			
C10CLE0	IO	04-065-043		3/2, 3/4		C10CLE0	1/8	C10RIN0	IO	04-065-035		3/2, 3/4		C10RIN0	1/8
				(V)3/3								(V)3/3			
C10D000	IO	04-065-004		3/2		C10D000	1/8	C10RSR0	IO	04-065-039		3/2, 3/4		C10RSR0	1/8
C10D010	IO	04-065-002		3/2		C10D010	1/8					(V)3/3			
C10D020	IO	04-065-005		3/2		C10D020	1/8	C10RST0	IO	04-065-036		3/2, 3/4		C10RST0	1/8
												(V)3/3			
C10D030	IO	04-065-006		3/2		C10D030	1/8	C10SAK0	IO	04-065-032		3/2, 3/4		C10SAK0	1/8
C10D040	IO	04-065-003		3/2		C10D040	1/8					(V)3/3			
C10D050	IO	04-065-008		3/2		C10D050	1/8	C10WCA0	IO	04-065-038		3/2, 3/4		C10WCA0	1/8
												(V)3/3			
C10D060	IO	04-065-010		3/2		C10D060	1/8	C10WD0	IO	04-065-033		3/2, 3/4		C10WD0	1/8
C10D070	IO	04-065-007		3/2		C10D070	1/8					(V)3/3			
C10D080	IO	04-065-014		3/2		C10D080	1/8	DOABUS0	0	04-091-041		3/2		DOABUS0	5/1
								DOCLR0	I	04-091-039		3/2		DOCLR0	5/1
C10D090	IO	04-065-009		3/2		C10D090	1/8								
C10D100	IO	04-065-015		3/2		C10D100	1/8	D0DBUS0	0	04-091-048		3/2		D0DBUS0	5/1
C10D110	IO	04-065-016		3/2		C10D110	1/8	D0SCM0	0	04-091-043		3/2		D0SCM0	5/1
								D0SG00	I	04-091-046		3/2		D0SG00	5/1
C10D120	IO	04-065-011		3/2		C10D120	1/8								
C10D130	IO	04-065-017		3/2		C10D130	1/8	D0WRT0	I	04-091-037		3/2		D0WRT0	5/1
C10D140	IO	04-065-018		3/2		C10D140	1/8	D1ABUS0	0	04-091-040		3/2		D1ABUS0	5/1
								D1CLR0	I	04-091-038		3/2		D1CLR0	5/1
C10D150	IO	04-065-013		3/2		C10D150	1/8								
C10D160	OT	04-091-006		3/2, 3/4		C10D160	1/9	D1DBUS0	0	04-091-047		3/2		D1DBUS0	5/1
	I			(V)3/3				D1SCM0	0	04-091-042		3/2		D1SCM0	5/1
C10D170	OT	04-091-007		3/2, 3/4		C10D170	1/9	D1SG00	I	04-091-045		3/2		D1SG00	5/1
	I			(V)3/3											
C10D180	OT	04-091-009		3/2, 3/4		C10D180	1/9	D1WRT0	I	04-091-036		3/2		D1WRT0	5/1
	I			(V)3/3				GRDCA18	GRD	04-064-000		3/1		GRD04064	7/3
C10D190	OT	04-091-008		3/2, 3/4		C10D190	1/9		GRD	04-064-001		3/1		GRD04064	7/3
	I			(V)3/3											
C10D200	OT	04-091-011		3/2, 3/4		C10D200	1/9		GRD	04-064-002		3/1		GRD04064	7/3
	I			(V)3/3					GRD	04-064-003		3/1		GRD04064	7/3
C10D210	OT	04-091-010		3/2, 3/4		C10D210	1/9		GRD	04-064-004		3/1		GRD04064	7/3
	I			(V)3/3											
C10D220	OT	04-091-014		3/2, 3/4		C10D220	1/9		GRD	04-064-005		3/1		GRD04064	7/3
	I			(V)3/3					GRD	04-064-006		3/1		GRD04064	7/3
C10D230	OT	04-091-013		3/2, 3/4		C10D230	1/9		GRD	04-064-007		3/1		GRD04064	7/3
	I			(V)3/3											
C10D240	OT	04-091-015		3/2, 3/4		C10D240	1/9		GRD	04-064-008		3/1		GRD04064	7/3
	I			(V)3/3					GRD	04-064-009		3/2		GRD04064	7/3
C10D250	OT	04-091-016		3/2, 3/4		C10									



PART OF FS 3
CENTRAL CONTROL INPUT-OUTPUT BUS

SYMBOL NO. 2
CCIO BUS(DMA)
MAIN STORE, IO DFC UNIT

SYMBOL NO. 2 (CONT)
CCIO BUS(DMA)
MAIN STORE, IO DFC UNIT

PART OF FS 3
SYMBOL(S) 1 2

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PROCESSOR CONTROL CABINET

AT&T SD-4C119-01 B3CB

DWG SIZE C2 ISSUE 9B

PRINTED IN U.S.A.

PART OF FS 3 CENTRAL CONTROL INPUT-OUTPUT BUS									
SYMBOL NO. 2 (CONT)					SYMBOL NO. 2 (CONT)				
CCIO BUS(DMA) MAIN STORE,IO DFC UNIT					CCIO BUS(DMA) MAIN STORE,IO DFC UNIT				
DESIG	EQPT	CODE	ELEM	OPT	DESIG	EQPT	CODE	ELEM	OPT
DMA	047-000	J1C147BB	B	---	DMA	047-000	J1C147BB	B	---
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC		
DESIG			OPT			MOD			
GRD	04-070-016		3/1			GRD04070	1/2		
GRD	04-070-017		3/1			GRD04070	1/2		
GRD	04-070-018		3/1			GRD04070	1/2		
GRD	04-070-019		3/1			GRD04070	1/2		
GRD	04-070-020		3/1			GRD04070	1/2		
GRD	04-070-021		3/1			GRD04070	1/2		
GRD	04-070-022		3/1			GRD04070	1/2		
GRD	04-070-023		3/1			GRD04070	1/2		
GRDCA20	GRD	04-070-024		3/1		GRD04070	1/2		
	GRD	04-070-032		3/1		GRD04070	1/2		
	GRD	04-070-033		3/1		GRD04070	1/2		
	GRD	04-070-034		3/1		GRD04070	1/2		
	GRD	04-070-035		3/1		GRD04070	1/2		
	GRD	04-070-036		3/1		GRD04070	1/2		
	GRD	04-070-037		3/1		GRD04070	1/2		
	GRD	04-070-038		3/1		GRD04070	1/2		
	GRD	04-070-039		3/1		GRD04070	1/2		
	GRD	04-070-040		3/1		GRD04070	1/2		
	GRD	04-070-041		3/1		GRD04070	1/2		
	GRD	04-070-042		3/1		GRD04070	1/2		
GRDCA21	GRD	04-070-043		3/1		GRD04070	1/2		
	GRD	04-070-045		3/1		GRD04070	1/2		
	GRD	04-070-046		3/1		GRD04070	1/2		
	GRD	04-070-047		3/1		GRD04070	1/2		
	GRD	04-070-048		3/1		GRD04070	1/2		
	GRD	04-070-049		3/1		GRD04070	1/2		
	GRD	04-070-050		3/1		GRD04070	1/2		
	GRD	04-070-051		3/1		GRD04070	1/2		
	GRD	04-070-052		3/1		GRD04070	1/2		
	GRD	04-070-053		3/1		GRD04070	1/2		
	GRD	04-070-054		3/1		GRD04070	1/2		
	GRD	04-070-055		3/1		GRD04070	1/2		
GRDCA22	GRD	04-070-056		3/1		GRD04070	1/2		
	GRD	04-072-000		3/1		GRD04072	1/2		
	GRD	04-072-001		3/1		GRD04072	1/2		
	GRD	04-072-002		3/1		GRD04072	1/2		
	GRD	04-072-003		3/1		GRD04072	1/2		
	GRD	04-072-004		3/1		GRD04072	1/2		
	GRD	04-072-005		3/1		GRD04072	1/2		
	GRD	04-072-006		3/1		GRD04072	1/2		
	GRD	04-072-007		3/1		GRD04072	1/2		
	GRD	04-072-008		3/1		GRD04072	1/2		
	GRD	04-072-009		3/1		GRD04072	1/2		
	GRD	04-072-010		3/1		GRD04072	1/2		
GRDCA23	GRD	04-072-011		3/1		GRD04072	1/2		
	GRD	04-072-013		3/1		GRD04072	1/2		
	GRD	04-072-014		3/1		GRD04072	1/2		
	GRD	04-072-015		3/1		GRD04072	1/2		
	GRD	04-072-016		3/1		GRD04072	1/2		
	GRD	04-072-017		3/1		GRD04072	1/2		
	GRD	04-072-018		3/1		GRD04072	1/2		
	GRD	04-072-019		3/1		GRD04072	1/2		
	GRD	04-072-020		3/1		GRD04072	1/2		
	GRD	04-072-021		3/1		GRD04072	1/2		
	GRD	04-072-022		3/1		GRD04072	1/2		
	GRD	04-072-023		3/1		GRD04072	1/2		
GRDCA24	GRD	04-072-024		3/1		GRD04072	1/2		
	GRD	04-072-032		3/1		GRD04072	1/2		
	GRD	04-072-033		3/1		GRD04072	1/2		
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC		
DESIG			OPT			MOD			
GRD	04-072-034		3/1			GRD04072	1/2		
GRD	04-072-035		3/1			GRD04072	1/2		
GRD	04-072-036		3/1			GRD04072	1/2		
GRD	04-072-037		3/1			GRD04072	1/2		
GRD	04-072-038		3/1			GRD04072	1/2		
GRD	04-072-039		3/1			GRD04072	1/2		
GRD	04-072-040		3/1			GRD04072	1/2		
GRD	04-072-041		3/1			GRD04072	1/2		
GRD	04-072-042		3/1			GRD04072	1/2		
GRDCA25	GRD	04-072-043		3/1		GRD04072	1/2		
	GRD	04-072-045		3/1		GRD04072	1/2		
	GRD	04-072-046		3/1		GRD04072	1/2		
	GRD	04-072-047		3/1		GRD04072	1/2		
	GRD	04-072-048		3/1		GRD04072	1/2		
	GRD	04-072-049		3/1		GRD04072	1/2		
	GRD	04-072-050		3/1		GRD04072	1/2		
	GRD	04-072-051		3/1		GRD04072	1/2		
	GRD	04-072-052		3/1		GRD04072	1/2		
	GRD	04-072-053		3/1		GRD04072	1/2		
	GRD	04-072-054		3/1		GRD04072	1/2		
	GRD	04-072-055		3/1		GRD04072	1/2		
INT000	GRD	04-072-056		3/1		GRD04072	1/2		
INT010	O	04-073-050		3/1		INT000	8/1		
	OT	04-073-052		3/4,(V)3/3		INT010	1/2		
	I			3/1					
INT020	O	04-073-054		3/1		INT020	1/2		
INT030	O	04-071-045		3/1		INT030	8/1		
INT100	O	04-071-047		3/1		INT100	8/1		
INT110	O	04-073-049		3/1		INT110	8/1		
INT120	O	04-071-048		3/1		INT120	8/1		
INT150	O	04-071-049		3/1		INT150	9/1		
INT160	O	04-071-050		3/1		INT160	9/1		
INT170	O	04-071-051		3/1		INT170	9/1		
SA251		04-071-056	(D)			SA251			
SER000	O	04-073-051		3/1		SER000	8/1		
SER010	OT	04-073-053		3/4,(V)3/3		SER010	1/2		
	I			3/1					
SER020	O	04-073-055		3/1		SER020	1/2		
SER030	O	04-071-046		3/1		SER030	8/1		
VLMM0		04-071-055	(D)			VLMM0			

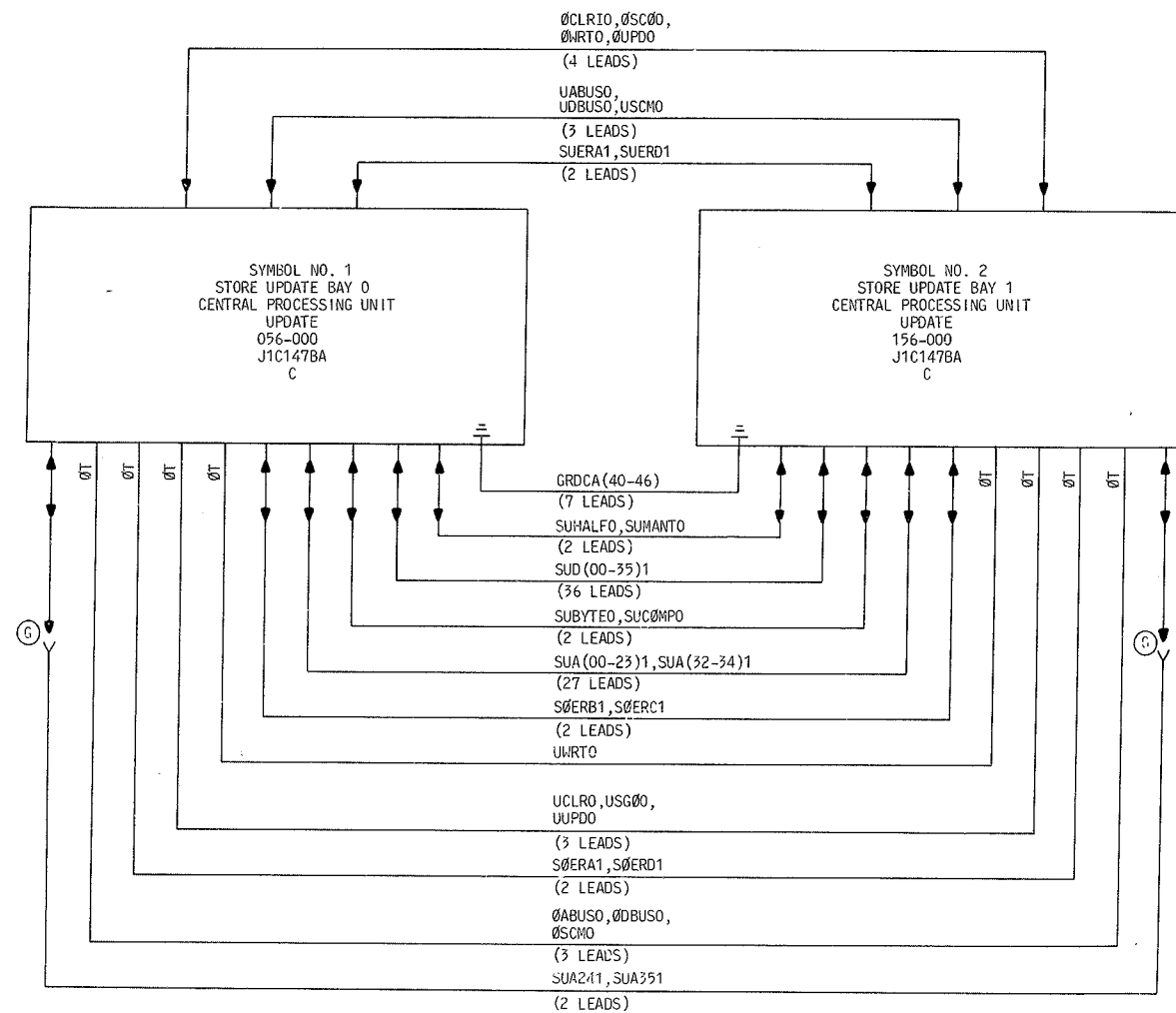
PART OF FS 3
SYMBOL(S) 2

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PROCESSOR CONTROL CABINET		DWG SIZE C2
		ISSUE 9B
AT&T	SD-4C119-01	B3CC

PART OF FS 3										PART OF FS 3										PART OF FS 3									
CENTRAL CONTROL INPUT-OUTPUT BUS										CENTRAL CONTROL INPUT-OUTPUT BUS										CENTRAL CONTROL INPUT-OUTPUT BUS									
SYMBOL NO. 3										SYMBOL NO. 3 (CONT)										SYMBOL NO. 3 (CONT)									
CHANNEL 1										CHANNEL 1										CHANNEL 1									
MAIN STORE AND IOP GROWTH UNIT										MAIN STORE AND IOP GROWTH UNIT										MAIN STORE AND IOP GROWTH UNIT									
DESIG	EOPT	CODE	ELEM	OPT						DESIG	EOPT	CODE	ELEM	OPT						DESIG	EOPT	CODE	ELEM	OPT					
CHN1	038-000	J1C147BC	E	(2)						CHN1	038-000	J1C147BC	E	(2)						CHN1	038-000	J1C147BC	E	(2)					
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC			LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC			LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC		
DESIG			MOD			MOD				DESIG			MOD			MOD				DESIG			MOD			MOD			
C10AD000	I	04-096-506	(V)	3/1		C10AD000	3/2			C10RST0	I	04-096-016	(V)	3/1		C10RST0	3/2				GRD	04-102-007	(V)	3/4		GRD04102	7/1		
C10AD100	I	04-096-507	(V)	3/1		C10AD100	3/2			C10SAK0	I	04-096-519	(V)	3/1		C10SAK0	3/2				GRD	04-102-008	(V)	3/4		GRD04102	7/1		
C10AD200	I	04-096-508	(V)	3/1		C10AD200	3/2			C10WCA0	I	04-096-018	(V)	3/1		C10WCA0	3/2				GRD	04-102-009	(V)	3/4		GRD04102	7/1		
C10AD300	I	04-096-509	(V)	3/1		C10AD300	3/2			C10WDO	I	04-096-013	(V)	3/1		C10WDO	3/2				GRD	04-102-010	(V)	3/4		GRD04102	7/1		
C10AD400	I	04-096-510	(V)	3/1		C10AD400	3/2			GRDCA100	GRD	04-102-014	(V)	3/4		GRD04102	7/1			INT010	GRD	04-102-010	(V)	3/4		GRD04102	7/1		
C10AK000	OT	04-096-500	(V)	3/2		C10AK000	3/2				GRD	04-102-015	(V)	3/4		GRD04102	7/1			PROGDMA1	OT	04-096-514	(V)	(V)3/3		INT010	3/2		
C10AK100	OT	04-096-501	(V)	3/2		C10AK100	3/2				GRD	04-102-016	(V)	3/4		GRD04102	7/1				I	04-096-412	(V)	(V)3/3		PROGDMA1	3/2		
C10AK200	I	04-096-502	(V)	3/1		C10AK200	3/2				GRD	04-102-017	(V)	3/4		GRD04102	7/1			SER010	GRD	04-096-313	(V)	(V)3/3		GRD04096	3/2		
C10AK300	O	04-096-503	(V)	3/1		C10AK300	3/2				GRD	04-102-018	(V)	3/4		GRD04102	7/1			SPEED10	OT	04-096-513	(V)	3/2		SER010	3/2		
C10AK400	I	04-096-504	(V)	3/2		C10AK400	3/2				GRD	04-102-019	(V)	3/4		GRD04102	7/1				O	04-096-515	(V)	(V)3/3		20MHZ0	3/2		
C10AK500	I	04-096-505	(V)	3/1		C10AK500	3/2				GRD	04-102-020	(V)	3/4		GRD04102	7/1				I	04-096-516	(V)	(V)3/3		SPEED1	3/2		
C10ASW0	OT	04-096-024	(V)	3/2		C10ASW0	3/2				GRD	04-102-021	(V)	3/4		GRD04102	7/1												
C10CER0	OT	04-096-023	(V)	3/2		C10CER0	3/2				GRD	04-102-022	(V)	3/4		GRD04102	7/1												
C10CLE0	I	04-096-524	(V)	3/1		C10CLE0	3/2			GRDCA95	GRD	04-102-023	(V)	3/4		GRD04102	7/1												
C10D000	IO	04-096-401	(V)	3/2		C10D000	3/2				GRD	04-095-001	(V)	3/4		GRD04095	7/1												
C10D010	OT	04-096-012	(V)	3/2		DBXX00	3/2				GRD	04-095-002	(V)	3/4		GRD04095	7/1												
C10D020	IO	04-096-200	(V)	3/2		C10D010	3/2				GRD	04-095-003	(V)	3/4		GRD04095	7/1												
C10D030	IO	04-096-403	(V)	3/2		C10D020	3/2				GRD	04-095-004	(V)	3/4		GRD04095	7/1												
C10D040	IO	04-096-201	(V)	3/2		C10D030	3/2				GRD	04-095-005	(V)	3/4		GRD04095	7/1												
C10D050	IO	04-096-404	(V)	3/2		C10D040	3/2				GRD	04-095-006	(V)	3/4		GRD04095	7/1												
C10D060	IO	04-096-405	(V)	3/2		C10D050	3/2				GRD	04-095-007	(V)	3/4		GRD04095	7/1												
C10D070	IO	04-096-202	(V)	3/2		C10D060	3/2				GRD	04-095-008	(V)	3/4		GRD04095	7/1												
C10D080	IO	04-096-001	(V)	3/2		C10D070	3/2				GRD	04-095-009	(V)	3/4		GRD04095	7/1												
C10D090	IO	04-096-203	(V)	3/2		C10D080	3/2				GRD	04-095-010	(V)	3/4		GRD04095	7/1												
C10D100	IO	04-096-002	(V)	3/2		C10D090	3/2			GRDCA96	GRD	04-095-014	(V)	3/4		GRD04095	7/1												
C10D110	IO	04-096-003	(V)	3/2		C10D100	3/2				GRD	04-095-015	(V)	3/4		GRD04095	7/1												
C10D120	IO	04-096-204	(V)	3/2		C10D110	3/2				GRD	04-095-016	(V)	3/4		GRD04095	7/1												
C10D130	IO	04-096-004	(V)	3/2		C10D120	3/2				GRD	04-095-017	(V)	3/4		GRD04095	7/1												
C10D140	IO	04-096-005	(V)	3/2		C10D130	3/2				GRD	04-095-018	(V)	3/4		GRD04095	7/1												
C10D150	IO	04-096-205	(V)	3/2		C10D140	3/2				GRD	04-095-019	(V)	3/4		GRD04095	7/1												
C10D160	IO	04-096-406	(V)	3/1		C10D150	3/2				GRD	04-095-020	(V)	3/4		GRD04095	7/1												
C10D170	IO	04-096-206	(V)	3/1		C10D160	3/2				GRD	04-095-021	(V)	3/4		GRD04095	7/1												
C10D180	IO	04-096-407	(V)	3/1		C10D170	3/2				GRD	04-095-022	(V)	3/4		GRD04095	7/1												
C10D190	IO	04-096-408	(V)	3/1		C10D180	3/2			GRDCA97	GRD	04-095-023	(V)	3/4		GRD04095	7/1												
C10D200	IO	04-096-207	(V)	3/1		C10D190	3/2				GRD	04-096-101	(V)	3/4		GRD04096	3/2												
C10D210	IO	04-096-409	(V)	3/1		C10D200	3/2				GRD	04-096-102	(V)	3/4		GRD04096	3/2												
C10D220	IO	04-096-410	(V)	3/1		C10D210	3/2				GRD	04-096-103	(V)	3/4		GRD04096	3/2												
C10D230	IO	04-096-208	(V)	3/1		C10D220	3/2				GRD	04-096-104	(V)	3/4		GRD04096	3/2												
C10D240	IO	04-096-006	(V)	3/1		C10D230	3/2				GRD	04-096-105	(V)	3/4		GRD04096	3/2												
C10D250	IO	04-096-209	(V)	3/1		C10D240	3/2				GRD	04-096-106	(V)	3/4		GRD04096	3/2												
C10D260	IO	04-096-007	(V)	3/1		C10D250	3/2				GRD	04-096-107	(V)	3/4		GRD04096	3/2												
C10D270	IO	04-096-008	(V)	3/1		C10D260	3/2				GRD	04-096-108	(V)	3/4		GRD04096	3/2												
C10D280	IO	04-096-210	(V)	3/1		C10D270	3/2				GRD	04-096-109	(V)	3/4		GRD04096	3/2												
C10D290	IO	04-096-009	(V)	3/1		C10D280	3/2			GRDCA98	GRD	04-096-110	(V)	3/4		GRD04096	3/2												
C10D300	IO	04-096-010	(V)	3/1		C10D290	3/2				GRD	04-096-301	(V)	3/4		GRD04096	3/2												
C10D310	IO	04-096-211	(V)	3/1		C10D300	3/2				GRD	04-096-302	(V)	3/4		GRD04096	3/2												

PART OF FS 3										PART OF FS 3										PART OF FS 3											
CENTRAL CONTROL INPUT-OUTPUT BUS										CENTRAL CONTROL INPUT-OUTPUT BUS										CENTRAL CONTROL INPUT-OUTPUT BUS											
SYMBOL NO. 4										SYMBOL NO. 4 (CONT)										SYMBOL NO. 4 (CONT)											
CHANNEL 1										CHANNEL 1										CHANNEL 1											
MAIN STORE, IO AND DFC UNIT										MAIN STORE, IO AND DFC UNIT										MAIN STORE, IO AND DFC UNIT											
DESIG	EQPT	CODE	ELEM	OPT						DESIG	EQPT	CODE	ELEM	OPT						DESIG	EQPT	CODE	ELEM	OPT							
CHN1	LOC	J1C147BB	P							CHN1	LOC	J1C147BB	P							CHN1	LOC	J1C147BB	P								
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC			LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC			LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC				
DESIG			OPT			MOD				DESIG			OPT			MOD				DESIG			OPT			MOD					
NC	O	04-096-518				SER020	1/2			C10RINO	I	04-096-015		3/1		C10RINO	8/1														
	O	04-096-521				INT020	1/2				I	04-096-520		3/1							GRD	04-102-005		3/4			GRD04102	1/2			
C10AD000	I	04-096-506		3/1		C10AD000	8/1			C10RST0	I	04-096-016		3/1		C10RST0	8/1				GRD	04-102-006		3/4			GRD04102	1/2			
																					GRD	04-102-008		3/4			GRD04102	1/2			
C10AD100	I	04-096-507		3/1		C10AD100	8/1			C10SAK0	I	04-096-519		3/1		C10SAK0	8/1				GRD	04-102-009		3/4			GRD04102	1/2			
C10AD200	I	04-096-508		3/1		C10AD200	8/1				I	04-096-018		3/1							GRD	04-102-010		3/4			GRD04102	1/2			
C10AD300	I	04-096-509		3/1		C10AD300	8/1			C10WDO	I	04-096-013		3/1		C10WDO	8/1				GRD	04-102-007		(V)3/3			GRD04102	1/2			
																				INT010											
C10AD400	I	04-096-510		3/1		C10AD400	8/1			GRDCA100	GRD	04-102-014		3/4		GRD04102	1/2			SER010	OT	04-096-514		3/2			INT010	1/2			
C10AD500	I	04-096-511		3/1		C10AD500	8/1				GRD	04-102-015		3/4		GRD04102	1/2					OT	04-096-513		3/2			SER010	1/2		
C10AK000	OT	04-096-500		3/2		C10AK000	8/1				GRD	04-102-016		3/4		GRD04102	1/2														
C10AK100	OT	04-096-501		3/2		C10AK100	8/1				GRD	04-102-017		3/4		GRD04102	1/2														
C10AK200	I	04-096-502		3/1		C10AK200	8/1				GRD	04-102-018		3/4		GRD04102	1/2														
C10AK300	I	04-096-503		3/1		C10AK300	8/1				GRD	04-102-019		3/4		GRD04102	1/2														
C10AK400	OT	04-096-504		3/2		C10AK400	8/1				GRD	04-102-020		3/4		GRD04102	1/2														
C10AK500	I	04-096-505		3/1		C10AK500	8/1				GRD	04-102-021		3/4		GRD04102	1/2														
C10ASW0	OT	04-096-024		3/2		C10ASW0	8/1				GRD	04-102-022		3/4		GRD04102	1/2														
C10CER0	OT	04-096-023		3/2		C10CER0	8/1			GRDCA95	GRD	04-102-023		(V)3/3		GRD04102	1/2														
C10CLE0	I	04-096-524		3/1		C10CLE0	8/1				GRD	04-095-001		3/4		GRD04095	1/2														
C10D000	OT	04-096-401		3/2		C10D000	8/1				GRD	04-095-003		3/4		GRD04095	1/2														
C10D010	OT	04-096-200		3/2		C10D010	8/1				GRD	04-095-004		3/4		GRD04095	1/2														
C10D020	OT	04-096-402		3/2		C10D020	8/1				GRD	04-095-005		3/4		GRD04095	1/2														
C10D030	OT	04-096-403		3/2		C10D030	8/1				GRD	04-095-006		3/4		GRD04095	1/2														
C10D040	OT	04-096-201		3/2		C10D040	8/1				GRD	04-095-007		3/4		GRD04095	1/2														
C10D050	OT	04-096-404		3/2		C10D050	8/1				GRD	04-095-008		3/4		GRD04095	1/2														
C10D060	OT	04-096-405		3/2		C10D060	8/1				GRD	04-095-009		3/4		GRD04095	1/2														
C10D070	OT	04-096-202		3/2		C10D070	8/1			GRDCA96	GRD	04-095-010		3/4		GRD04095	1/2														
C10D080	OT	04-096-001		3/2		C10D080	8/1				GRD	04-095-002		(V)3/3		GRD04095	1/2														
C10D090	OT	04-096-203		3/2		C10D090	8/1				GRD	04-095-014		3/4		GRD04095	1/2														
C10D100	OT	04-096-002		3/2		C10D100	8/1				GRD	04-095-015		3/4		GRD04095	1/2														
C10D110	OT	04-096-003		3/2		C10D110	8/1				GRD	04-095-016		3/4		GRD04095	1/2														
C10D120	OT	04-096-204		3/2		C10D120	8/1				GRD	04-095-017		3/4		GRD04095	1/2														
C10D130	OT	04-096-004		3/2		C10D130	8/1				GRD	04-095-018		3/4		GRD04095	1/2														
C10D140	OT	04-096-005		3/2		C10D140	8/1				GRD	04-095-019		3/4		GRD04095	1/2														
C10D150	OT	04-096-205		3/2		C10D150	8/1				GRD	04-095-020		3/4		GRD04095	1/2														
C10D160	OT	04-096-406		3/1		C10D160	8/1				GRD	04-095-021		3/4		GRD04095	1/2														
C10D170	OT	04-096-206		3/1		C10D170	8/1				GRD	04-095-023		3/4		GRD04095	1/2														
C10D180	OT	04-096-407		3/1		C10D180	8/1				GRD	04-095-022		(V)3/3		GRD04095	1/2														
C10D190	OT	04-096-408		3/1		C10D190	8/1			GRDCA97	GRD	04-096-102		3/4		GRD04096	9/1														
C10D200	OT	04-096-207		3/1		C10D200	8/1				GRD	04-096-103		3/4		GRD04096	9/1														
C10D210	OT	04-096-409		3/1		C10D210	8/1				GRD	04-096-104		3/4		GRD04096	9/1														
C10D220	OT	04-096-410		3/1		C10D220	8/1				GRD	04-096-105		3/4		GRD04096	9/1														
C10D230	OT	04-096-208		3/1		C10D230	8/1																								

STORE UPDATE
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 4
IFD SYMBOL(S): 1,2

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PROCESSOR CONTROL CABINET

DWG SIZE

65

ISSUE

MR

AT&T

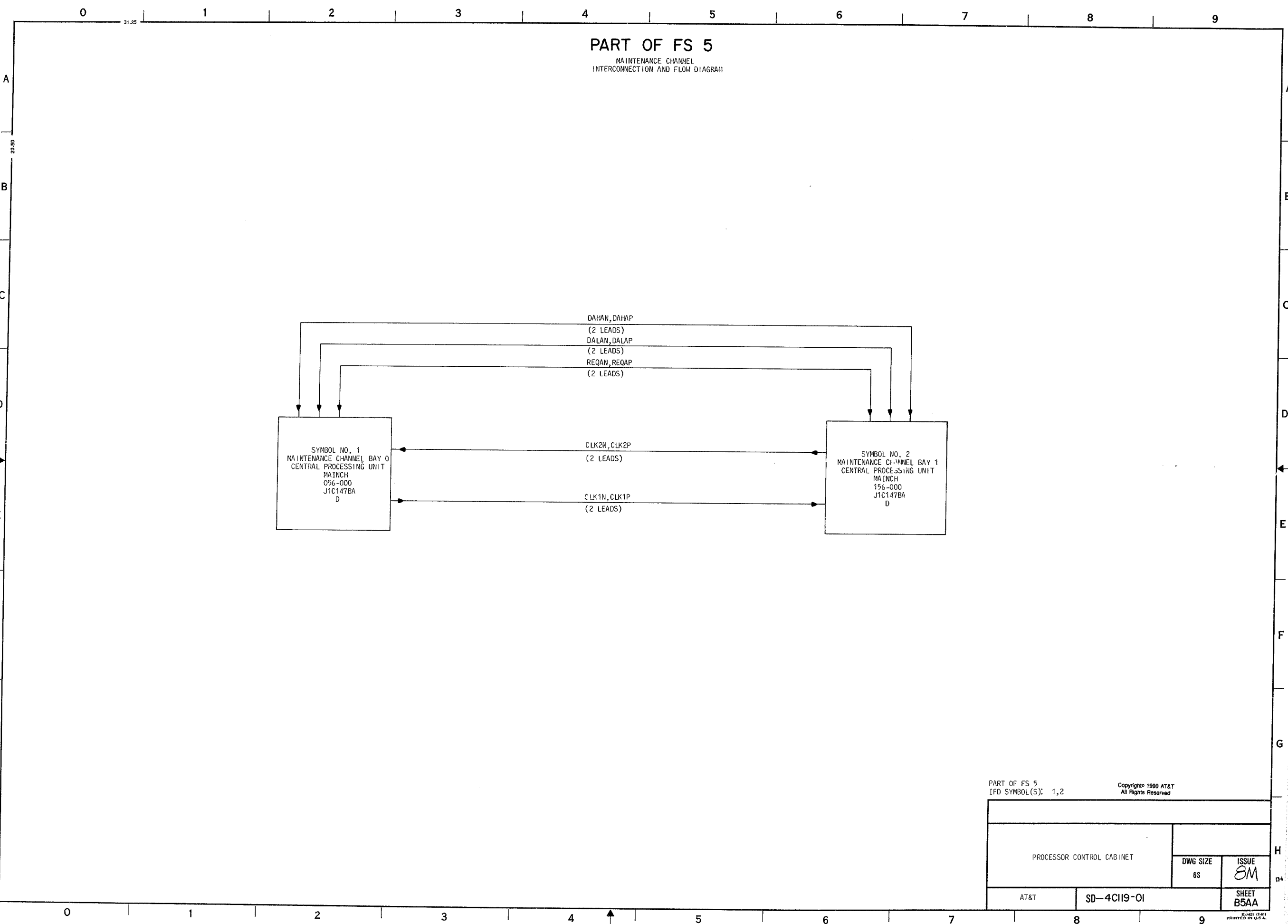
SD-4C119-01

SHEET
B4AA

E-7421 (7-81)
PRINTED IN U.S.A.

PART OF FS 4										PART OF FS 4										PART OF FS 4									
STORE UPDATE										STORE UPDATE										STORE UPDATE									
SYMBOL NO. 1										SYMBOL NO. 1 (CONT)										SYMBOL NO. 1 (CONT)									
STORE UPDATE BAY 0										STORE UPDATE BAY 0										STORE UPDATE BAY 0									
CENTRAL PROCESSING UNIT										CENTRAL PROCESSING UNIT										CENTRAL PROCESSING UNIT									
DESIG	EQPT	CODE	ELEM	OPT	DESIG	EQPT	CODE	ELEM	OPT	DESIG	EQPT	CODE	ELEM	OPT	DESIG	EQPT	CODE	ELEM	OPT										
UPDATE	056-000	J1C147BA	C		UPDATE	056-000	J1C147BA	C		UPDATE	056-000	J1C147BA	C		UPDATE	056-000	J1C147BA	C											
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC	LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC	LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC						
DESIG						MOD		DESIG						MOD		DESIG						MOD							
GRDCA40	GRD	04-146-104		4/1		GRD04146	5/1	SUA121	IC	04-146-348		4/2		SUA121	5/1	UCLRO	OT	04-146-441		4/2		UCLRO	5/1						
	GRD	04-146-107		4/1		GRD04146	5/1	SUA131	IO	04-146-349		4/2		SUA131	5/1	UDBUS0	I	04-146-141		4/2		UDBUS0	5/1						
	GRD	04-146-109		4/1		GRD04146	5/1	SUA141	IO	04-146-246		4/2		SUA141	5/1	USCM0	I	04-146-237		4/2		USCM0	5/1						
	GRD	04-146-205		4/1		GRD04146	5/1	SUA151	IO	04-146-249		4/2		SUA151	5/1	USG00	OT	04-146-235		4/2		USG00	5/1						
GRDCA41	GRD	04-146-209		4/2		GRD04146	5/1	SUA161	IO	04-146-449		4/2		SUA161	5/1	UUPD0	OT	04-146-240		4/2		UUPD0	5/1						
	GRD	04-146-304		4/1		GRD04146	5/1	SUA171	IO	04-146-350		4/2		SUA171	5/1	UWRTO	OT	04-146-442		4/2		UWRTO	5/1						
	GRD	04-146-307		4/1		GRD04146	5/1	SUA181	IO	04-146-450		4/2		SUA181	5/1														
	GRD	04-146-405		4/1		GRD04146	5/1	SUA191	IO	04-146-451		4/2		SUA191	5/1														
	GRD	04-146-409		4/2		GRD04146	5/1	SUA201	IO	04-146-352		4/2		SUA201	5/1														
GRDCA42	GRD	04-146-314		4/2		GRD04146	5/1	SUA211	IO	04-146-452		4/2		SUA211	5/1														
	GRD	04-146-317		4/1		GRD04146	5/1	SUA221	IO	04-146-353		4/2		SUA221	5/1														
	GRD	04-146-319		4/1		GRD04146	5/1	SUA231	IO	04-146-454		4/2		SUA231	5/1														
	GRD	04-146-322		4/1		GRD04146	5/1	SUA241	IO	04-146-417	(G)	(G)4/2		SUA321	5/1														
GRDCA43	GRD	04-146-416		4/1		GRD04146	5/1	SUA321	IO	04-146-254		4/2		SUA321	5/1														
	GRD	04-146-134		4/1		GRD04146	5/1	SUA331	IO	04-146-250		4/2		SUA331	5/1														
	GRD	04-146-136		4/2		GRD04146	5/1	SUA341	IO	04-146-354		4/2		SUA341	5/1														
	GRD	04-146-139		4/1		GRD04146	5/1	SUA351	IO	04-146-316	(G)	(G)4/2		SUA351	5/1														
	GRD	04-146-143		4/1		GRD04146	5/1	SUBYTE0	IO	04-146-320		4/2		SUBYTE0	5/1														
	GRD	04-146-234		4/1		GRD04146	5/1	SUCOMPO	IO	04-146-318		4/2		SUCOMPO	5/1														
	GRD	04-146-236		4/1		GRD04146	5/1	SUD001	IO	04-146-407		4/2		SUD001	5/1														
	GRD	04-146-239		4/1		GRD04146	5/1	SUD011	IO	04-146-408		4/2		SUD011	5/1														
GRDCA44	GRD	04-146-243		4/1		GRD04146	5/1	SUD021	IO	04-146-410		4/2		SUD021	5/1														
	GRD	04-146-334		4/1		GRD04146	5/1	SUD031	IO	04-146-411		4/2		SUD031	5/1														
	GRD	04-146-339		4/2		GRD04146	5/1	SUD041	IO	04-146-302		4/2		SUD041	5/1														
	GRD	04-146-343		4/1		GRD04146	5/1	SUD051	IO	04-146-303		4/2		SUD051	5/1														
	GRD	04-146-439		4/1		GRD04146	5/1	SUD061	IO	04-146-305		4/2		SUD061	5/1														
	GRD	04-146-443		4/1		GRD04146	5/1	SUD071	IO	04-146-306		4/2		SUD071	5/1														
GRDCA45	GRD	04-146-146		4/1		GRD04146	5/1	SUD081	IO	04-146-207		4/2		SUD081	5/1														
	GRD	04-146-151		4/1		GRD04146	5/1	SUD091	IO	04-146-208		4/2		SUD091	5/1														
	GRD	04-146-153		4/2		GRD04146	5/1	SUD101	IO	04-146-210		4/2		SUD101	5/1														
	GRD	04-146-247		4/1		GRD04146	5/1	SUD111	IO	04-146-211		4/2		SUD111	5/1														
GRDCA46	GRD	04-146-252		4/1		GRD04146	5/1	SUD121	IO	04-146-102		4/2		SUD121	5/1														
	GRD	04-146-346		4/2		GRD04146	5/1	SUD131	IO	04-146-103		4/2		SUD131	5/1														
	GRD	04-146-347		4/1		GRD04146	5/1	SUD141	IO	04-146-105		4/2		SUD141	5/1														
	GRD	04-146-351		4/1		GRD04146	5/1	SUD151	IO	04-146-106		4/2		SUD151	5/1														
	GRD	04-146-448		4/1		GRD04146	5/1	SUD161	IO	04-146-308		4/2		SUD161	5/1														
OABUS0	GRD	04-146-453		4/1		GRD04146	5/1	SUD171	IO	04-146-309		4/2		SUD171	5/1														
OCLRI0	OT	04-146-242		4/2		OABUS0	5/1	SUD181	IO	04-146-310		4/2		SUD181	5/1														
	I	04-146-341		4/2		OCLRI0	5/1	SUD191	IO	04-146-311		4/2		SUD191	5/1														
ODBUS0	OT	04-146-241		4/2		ODBUS0	5/1	SUD201	IO	04-146-402		4/2		SUD201	5/1														
OSCM0	OT	04-146-137		4/2		OSCM0	5/1	SUD211	IO	04-146-403		4/2		SUD211	5/1														
OSG00	I	04-146-135		4/2		OSG00	5/1	SUD221	IO	04-146-404		4/2		SUD221	5/1														
OUPD0	I	04-146-140		4/2		OUPD0	5/1	SUD231	IO	04-146-406		4/2		SUD231	5/1														
OWRTO	I	04-146-312		4/2		OWRTO	5/1	SUD241	IO	04-146-108		4/2		SUD241	5/1														
SOERA1	OT	04-146-440		4/2		SOERA1	5/1	SUD251	IO	04-146-110		4/2		SUD251	5/1														
SOERB1	IO	04-146-422		4/2		SOERB1	5/1	SUD261	IO	04-146-111		4/2		SUD261	5/1														
SOERC1	IO	04-146-321		4/2		SOERC1	5/1	SUD271	IO	04-146-313		4/2		SUD271	5/1														
SOERD1	OT	04-146-438		4/2		SOERD1	5/1	SUD281	IO	04-146-202		4/2		SUD281	5/1														
SUA001	IO	04-146-145		4/2		SUA001	5/1	SUD291	IO	04-146-203		4/2		SUD291	5/1														
SUA011	IO	04-146-147		4/2		SUA011	5/1	SUD301	IO	04-146-204		4/2		SUD301	5/1														
SUA021	IO	04-146-148		4/2		SUA021	5/1	SUD311	IO	04-146-206		4/2		SUD311	5/1														
	IO	04-146-149		4/2		SUA031	5/1	SUD321	IO	04-146-413		4/2		SUD321	5/1														
SUA031	IO	04-146-150		4/2		SUA041	5/1	SUD331	IO	04-146-414		4/2		SUD331	5/1														
SUA041	IO	04-146-152		4/2		SUA051	5/1	SUD341	IO	04-146-415		4/2		SUD341	5/1														
SUA051	IO					SUA061	5/1	SUD351	IO	04-146-315		4/2		SUD351	5/1														
SUA061	IO	04-146-154		4/2		SUA071	5/1	SUERA1	I	04-146-340		4/2		SUERA1	5/1														
SUA071	IO	04-146-251		4/																									

PART OF FS 4										PART OF FS 4										PART OF FS 4									
STORE UPDATE										STORE UPDATE										STORE UPDATE									
SYMBOL NO. 2										SYMBOL NO. 2 (CONT)										SYMBOL NO. 2 (CONT)									
STORE UPDATE BAY 1										STORE UPDATE BAY 1										STORE UPDATE BAY 1									
CENTRAL PROCESSING UNIT										CENTRAL PROCESSING UNIT										CENTRAL PROCESSING UNIT									
DESIG	EQPT	CODE	ELEM	OPT						DESIG	EQPT	CODE	ELEM	OPT						DESIG	EQPT	CODE	ELEM	OPT					
UPDATE	156-000	J1C147BA	C							UPDATE	156-000	J1C147BA	C							UPDATE	156-000	J1C147BA	C						
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC			LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC			LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC		
DESIG			MOD							DESIG			MOD							DESIG			MOD						
GRDCA40	GRD	04-146-104		4/1		GRD04146	5/1			SUA121	IO	04-146-348		4/1		SUA121	5/1			UCLRO	OT	04-146-441		4/1		UCLRO	5/1		
	GRD	04-146-107		4/1		GRD04146	5/1			SUA131	IO	04-146-349		4/1		SUA131	5/1			UDBUS0	I	04-146-141		4/1		UDBUS0	5/1		
	GRD	04-146-109		4/1		GRD04146	5/1			SUA141	IO	04-146-246		4/1		SUA141	5/1			USCM0	I	04-146-237		4/1		USCM0	5/1		
GRDCA41	GRD	04-146-205		4/1		GRD04146	5/1			SUA151	IO	04-146-249		4/1		SUA151	5/1			USG00	OT	04-146-235		4/1		USG00	5/1		
	GRD	04-146-209		4/1		GRD04146	5/1			SUA161	IO	04-146-449		4/1		SUA161	5/1			UUPD0	OT	04-146-240		4/1		UUPD0	5/1		
	GRD	04-146-304		4/1		GRD04146	5/1			SUA171	IO	04-146-350		4/1		SUA171	5/1			UWRTO	OT	04-146-442		4/1		UWRTO	5/1		
GRDCA42	GRD	04-146-307		4/1		GRD04146	5/1			SUA181	IO	04-146-450		4/1		SUA181	5/1												
	GRD	04-146-405		4/1		GRD04146	5/1			SUA191	IO	04-146-451		4/1		SUA191	5/1												
	GRD	04-146-409		4/1		GRD04146	5/1			SUA201	IO	04-146-352		4/1		SUA201	5/1												
GRDCA43	GRD	04-146-314		4/1		GRD04146	5/1			SUA211	IO	04-146-452		4/1		SUA211	5/1												
	GRD	04-146-317		4/1		GRD04146	5/1			SUA221	IO	04-146-353		4/1		SUA221	5/1												
	GRD	04-146-319		4/1		GRD04146	5/1			SUA231	IO	04-146-454		4/1		SUA231	5/1												
GRDCA44	GRD	04-146-322		4/1		GRD04146	5/1			SUA241	IO	04-146-417	(G)	(G)4/1		SUA241	5/1												
	GRD	04-146-416		4/1		GRD04146	5/1			SUA321	IO	04-146-254		4/1		SUA321	5/1												
	GRD	04-146-134		4/1		GRD04146	5/1			SUA331	IO	04-146-250		4/1		SUA331	5/1												
GRDCA45	GRD	04-146-136		4/1		GRD04146	5/1			SUA341	IO	04-146-354		4/1		SUA341	5/1												
	GRD	04-146-139		4/1		GRD04146	5/1			SUA351	IO	04-146-316	(G)	(G)4/1		SUA351	5/1												
	GRD	04-146-143		4/1		GRD04146	5/1			SUBYTE0	IO	04-146-320		4/1		SUBYTE0	5/1												
GRDCA46	GRD	04-146-234		4/1		GRD04146	5/1			SUCOMPO	IO	04-146-318		4/1		SUCOMPO	5/1												
	GRD	04-146-236		4/1		GRD04146	5/1			SUD001	IO	04-146-407		4/1		SUD001	5/1												
	GRD	04-146-239		4/1		GRD04146	5/1			SUD011	IO	04-146-408		4/1		SUD011	5/1												
GRDCA47	GRD	04-146-243		4/1		GRD04146	5/1			SUD021	IO	04-146-410		4/1		SUD021	5/1												
	GRD	04-146-334		4/1		GRD04146	5/1			SUD031	IO	04-146-411		4/1		SUD031	5/1												
	GRD	04-146-339		4/1		GRD04146	5/1			SUD041	IO	04-146-302		4/1		SUD041	5/1												
GRDCA48	GRD	04-146-343		4/1		GRD04146	5/1			SUD051	IO	04-146-303		4/1		SUD051	5/1												
	GRD	04-146-439		4/1		GRD04146	5/1			SUD061	IO	04-146-305		4/1		SUD061	5/1												
	GRD	04-146-443		4/1		GRD04146	5/1			SUD071	IO	04-146-306		4/1		SUD071	5/1												
GRDCA49	GRD	04-146-146		4/1		GRD04146	5/1			SUD081	IO	04-146-207		4/1		SUD081	5/1												
	GRD	04-146-151		4/1		GRD04146	5/1			SUD091	IO	04-146-208		4/1		SUD091	5/1												
	GRD	04-146-153		4/1		GRD04146	5/1			SUD101	IO	04-146-210		4/1		SUD101	5/1												
GRDCA50	GRD	04-146-247		4/1		GRD04146	5/1			SUD111	IO	04-146-211		4/1		SUD111	5/1												
	GRD	04-146-252		4/1		GRD04146	5/1			SUD121	IO	04-146-102		4/1		SUD121	5/1												
	GRD	04-146-346		4/1		GRD04146	5/1			SUD131	IO	04-146-103		4/1		SUD131	5/1												
GRDCA51	GRD	04-146-347		4/1		GRD04146	5/1			SUD141	IO	04-146-105		4/1		SUD141	5/1												
	GRD	04-146-351		4/1		GRD04146	5/1			SUD151	IO	04-146-106		4/1		SUD151	5/1												
	GRD	04-146-448		4/1		GRD04146	5/1			SUD161	IO	04-146-308		4/1		SUD161	5/1												
GRDCA52	GRD	04-146-453		4/1		GRD04146	5/1			SUD171	IO	04-146-309		4/1		SUD171	5/1												
	OT	04-146-242		4/1		OABUS0	5/1			SUD181	IO	04-146-310		4/1		SUD181	5/1												
	I	04-146-341		4/1		OCLRI0	5/1			SUD191	IO	04-146-311		4/1		SUD191	5/1												
GRDCA53	OT	04-146-241		4/1		ODBUS0	5/1			SUD201	IO	04-146-402		4/1		SUD201	5/1												
	OT	04-146-137		4/1		OSCM0	5/1			SUD211	IO	04-146-403		4/1		SUD211	5/1												
	I	04-146-135		4/1		OSG00	5/1			SUD221	IO	04-146-404		4/1		SUD221	5/1												
GRDCA54	I	04-146-140		4/1		OUPD0	5/1			SUD231	IO	04-146-406		4/1		SUD231	5/1												
	I	04-146-342		4/1		OWRT0	5/1			SUD241	IO	04-146-108		4/1		SUD241	5/1												
	OT	04-146-440		4/1		SOERA1	5/1			SUD251	IO	04-146-110		4/1		SUD251	5/1												
GRDCA55	IO	04-146-422		4/1		SOERB1	5/1			SUD261	IO	04-146-111		4/1		SUD261	5/1												
	IO	04-146-321		4/1		SOERC1	5/1			SUD271	IO	04-146-313		4/1		SUD271	5/1												
	OT	04-146-438		4/1		SOERD1	5/1			SUD281	IO	04-146-202		4/1		SUD281	5/1												
GRDCA56	IO	04-146-145		4/1		SUA001	5/1			SUD291	IO	04-146-203		4/1		SUD291	5/1												
	IO	04-146-147		4/1		SUA011	5/1			SUD301	IO	04-146-204		4/1		SUD301	5/1												
	IO	04-146-148		4/1		SUA021	5/1			SUD311	IO	04-146-206		4/1		SUD311	5/1												
GRDCA57	IO	04-146-149		4/1		SUA031	5/1			SUD321	IO	04-146-413		4/1		SUD321	5/1												
	IO	04-146-150		4/1		SUA041	5/1			SUD331	IO	04-146-414		4/1		SUD331	5/1												
	IO	04-146-152		4/1		SUA051	5/1			SUD341	IO	04-146-415		4/1		SUD341	5/1												
GRDCA58	IO	04-146-154		4/1		SUA061	5/1			SUD351	IO	04-146-315		4/1		SUD351	5/1												
	IO	04-146-251		4/1		SUA071	5/1			SUERA1	I	04-146-340		4/1		SUERA1	5/1												
	IO	04-146-345		4/1		SUA081	5/1			SUERD1	I	04-146-338		4/1		SUERD1	5/1												
GRDCA59	IO	04-146-445		4/1		SUA091	5/1			SUHALF0	IO	04-146-418		4/1		SUHALF0	5/1												
	IO	04-146-446		4/1		SUA101	5/1			SUMANT0	IO	04-146-420		4/1		SUMANT0	5/1												
	IO	04-146-447		4/1		SUA111	5/1			UABUS0	I	04-146-142		4/1		UABUS0	5/1												
SYMBOL(S) 2										SYMBOL(S) 2										SYMBOL(S) 2									
STORE UPDATE BAY 1										STORE UPDATE BAY 1										STORE UPDATE BAY 1									
CENTRAL PROCESSING UNIT										CENTRAL PROCESSING UNIT										CENTRAL PROCESSING UNIT									
DESIG	EQPT	CODE	ELEM	OPT						DESIG	EQPT	CODE	ELEM	OPT						DESIG	EQPT	CODE	ELEM	OPT					
UPDATE	156-000	J1C147BA	C							UPDATE	156-000	J1C147BA	C							UPDATE	156-000	J1C147BA	C						
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC			LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC			LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC		
DESIG			MOD							DESIG			MOD							DESIG			MOD						
UCLRO	OT	04-146-441		4/1		UCLRO	5/1																						

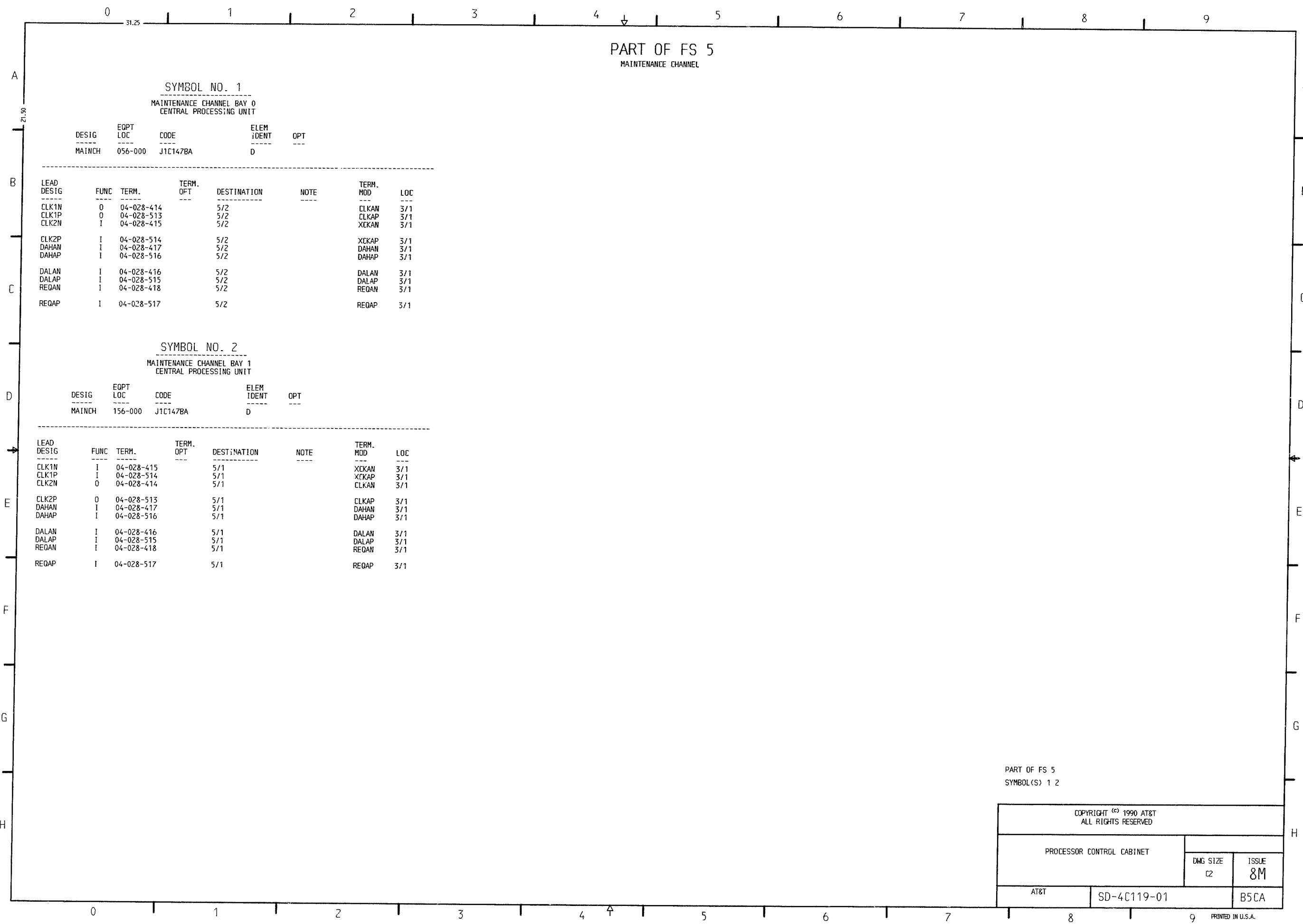


PART OF FS 5
IFD SYMBOL(S): 1,2

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PROCESSOR CONTROL CABINET		DWG SIZE 6S	ISSUE 8M
AT&T	SD-4CI19-01		SHEET B5AA

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PART OF FS 5
MAINTENANCE CHANNEL

SYMBOL NO. 1
MAINTENANCE CHANNEL BAY 0
CENTRAL PROCESSING UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MAINCH	056-000	J1C147BA	D	---

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
CLK1N	0	04-028-414	---	5/2	---	CLKAN	3/1
CLK1P	0	04-028-513	---	5/2	---	CLKAP	3/1
CLK2N	1	04-028-415	---	5/2	---	XCKAN	3/1
CLK2P	1	04-028-514	---	5/2	---	XCKAP	3/1
DAHAN	1	04-028-417	---	5/2	---	DAHAN	3/1
DAHAP	1	04-028-516	---	5/2	---	DAHAP	3/1
DALAN	1	04-028-416	---	5/2	---	DALAN	3/1
DALAP	1	04-028-515	---	5/2	---	DALAP	3/1
REQAN	1	04-028-418	---	5/2	---	REQAN	3/1
REQAP	1	04-028-517	---	5/2	---	REQAP	3/1

SYMBOL NO. 2
MAINTENANCE CHANNEL BAY 1
CENTRAL PROCESSING UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MAINCH	156-000	J1C147BA	D	---

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
CLK1N	1	04-028-415	---	5/1	---	XCKAN	3/1
CLK1P	1	04-028-514	---	5/1	---	XCKAP	3/1
CLK2N	0	04-028-414	---	5/1	---	CLKAN	3/1
CLK2P	0	04-028-513	---	5/1	---	CLKAP	3/1
DAHAN	1	04-028-417	---	5/1	---	DAHAN	3/1
DAHAP	1	04-028-516	---	5/1	---	DAHAP	3/1
DALAN	1	04-028-416	---	5/1	---	DALAN	3/1
DALAP	1	04-028-515	---	5/1	---	DALAP	3/1
REQAN	1	04-028-418	---	5/1	---	REQAN	3/1
REQAP	1	04-028-517	---	5/1	---	REQAP	3/1

PART OF FS 5
SYMBOL(S) 1 2

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PROCESSOR CONTROL CABINET

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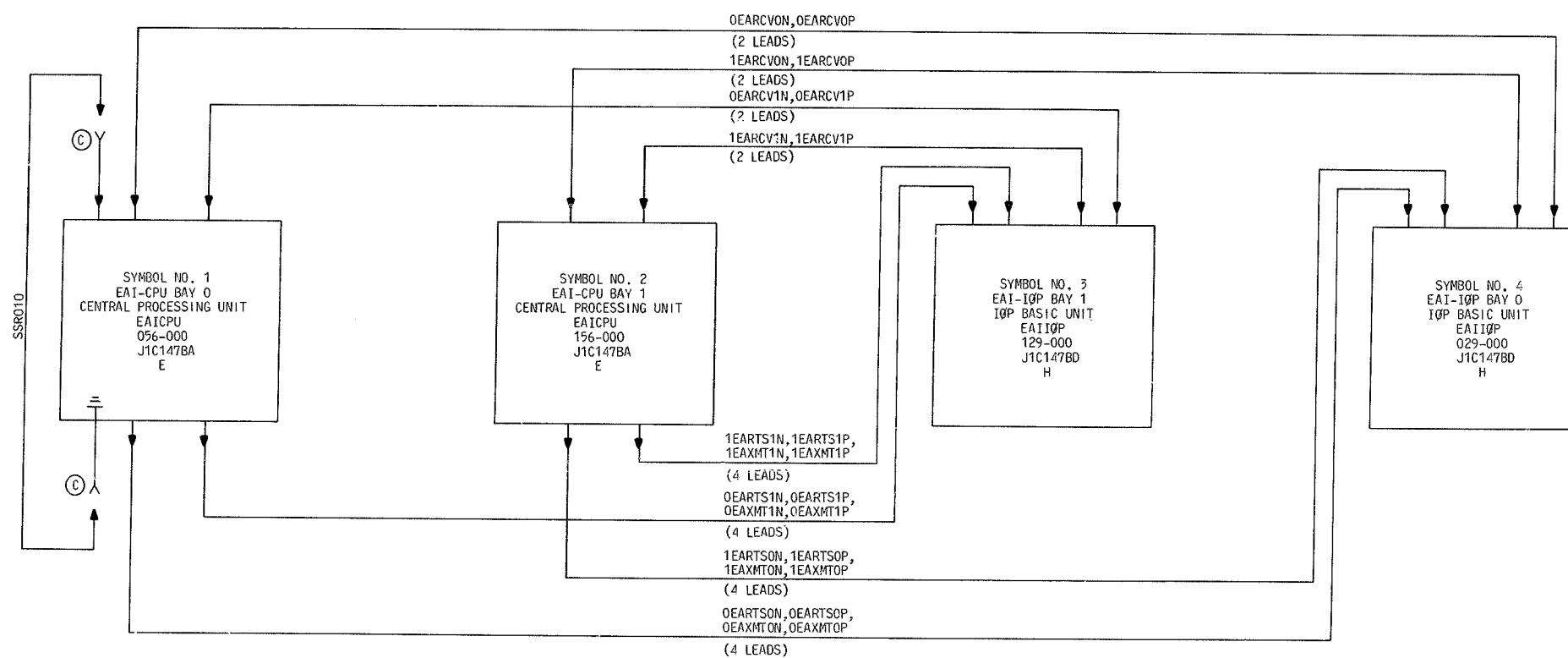
DWG SIZE
C2

ISSUE
8M

SD-4C119-01

B5CA

PART OF FS 6
EMERGENCY ACTION INTERFACE COMMUNICATIONS
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 6
IFD SYMBOL(S): 1,2,3,4

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PROCESSOR CONTROL CABINET

DWG SIZE
6S

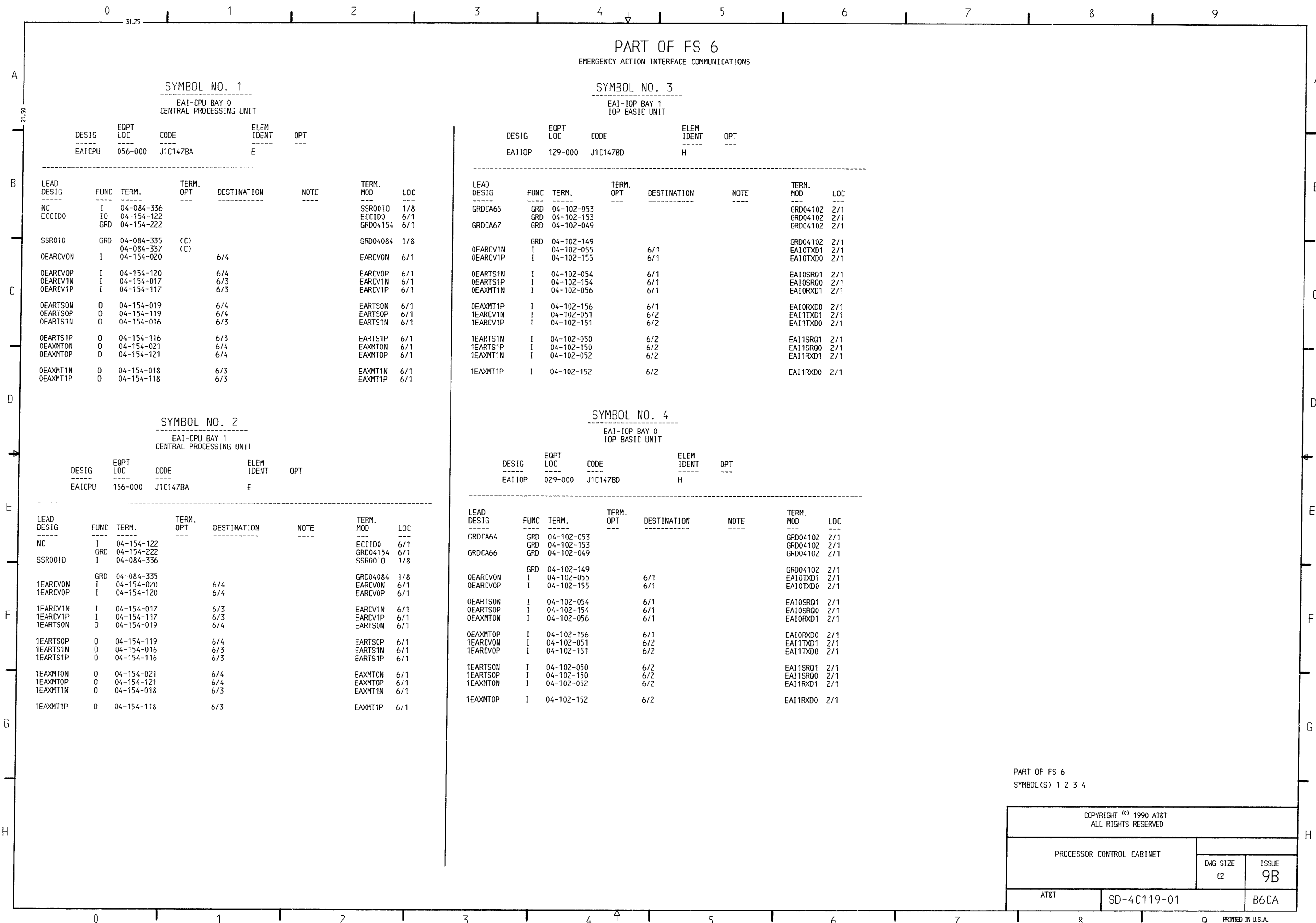
ISSUE
9B

AT&T

SD-4C119-01

SHEET
B6AA

PRINTED IN U.S.A.



PART OF FS 6
EMERGENCY ACTION INTERFACE COMMUNICATIONS

SYMBOL NO. 1
EAI-CPU BAY 0
CENTRAL PROCESSING UNIT

DESIG	EOPT	LOC	CODE	ELEM	IDENT	OPT
EAI CPU	056-000	J1C147BA		E		

LEAD	DESIG	FUNC	TERM.	OPT	DESTINATION	NOTE	TERM.	MOD	LOC
NC	ECCID0	I	04-084-336				SSR0010	1/8	
		GRD	04-154-122				ECCID0	6/1	
			04-154-222				GRD04154	6/1	
SSR010		GRD	04-084-335	(C)			GRD04084	1/8	
			04-084-337	(C)					
0EARCVO		I	04-154-020		6/4		EARCVO	6/1	
0EARCVOP		I	04-154-120		6/4		EARCVOP	6/1	
0EARCV1N		I	04-154-017		6/3		EARCV1N	6/1	
0EARCV1P		I	04-154-117		6/3		EARCV1P	6/1	
0EARTSON		O	04-154-019		6/4		EARTSON	6/1	
0EARTSOP		O	04-154-119		6/4		EARTSOP	6/1	
0EARTS1N		O	04-154-016		6/3		EARTS1N	6/1	
0EARTS1P		O	04-154-116		6/3		EARTS1P	6/1	
0EAXMTON		O	04-154-021		6/4		EAXMTON	6/1	
0EAXMTOP		O	04-154-121		6/4		EAXMTOP	6/1	
0EAXMT1N		O	04-154-018		6/3		EAXMT1N	6/1	
0EAXMT1P		O	04-154-118		6/3		EAXMT1P	6/1	

SYMBOL NO. 3
EAI-IOP BAY 1
IOP BASIC UNIT

DESIG	EOPT	LOC	CODE	ELEM	IDENT	OPT
EAI IOP	129-000	J1C147BD		H		

LEAD	DESIG	FUNC	TERM.	OPT	DESTINATION	NOTE	TERM.	MOD	LOC
GRDCA65		GRD	04-102-053				GRD04102	2/1	
		GRD	04-102-153				GRD04102	2/1	
GRDCA67		GRD	04-102-049				GRD04102	2/1	
		GRD	04-102-149				GRD04102	2/1	
0EARCVO		I	04-102-055		6/1		EAI0TXD1	2/1	
0EARCVP		I	04-102-155		6/1		EAI0TXD0	2/1	
0EARTS1N		I	04-102-054		6/1		EAI0SR01	2/1	
0EARTS1P		I	04-102-154		6/1		EAI0SR00	2/1	
0EAXMT1N		I	04-102-056		6/1		EAI0RXD1	2/1	
0EAXMT1P		I	04-102-156		6/1		EAI0RXD0	2/1	
1EARCVO		I	04-102-051		6/2		EAI1TXD1	2/1	
1EARCVP		I	04-102-151		6/2		EAI1TXD0	2/1	
1EARTS1N		I	04-102-050		6/2		EAI1SR01	2/1	
1EARTS1P		I	04-102-150		6/2		EAI1SR00	2/1	
1EAXMT1N		I	04-102-052		6/2		EAI1RXD1	2/1	
1EAXMT1P		I	04-102-152		6/2		EAI1RXD0	2/1	

SYMBOL NO. 2
EAI-CPU BAY 1
CENTRAL PROCESSING UNIT

DESIG	EOPT	LOC	CODE	ELEM	IDENT	OPT
EAI CPU	156-000	J1C147BA		E		

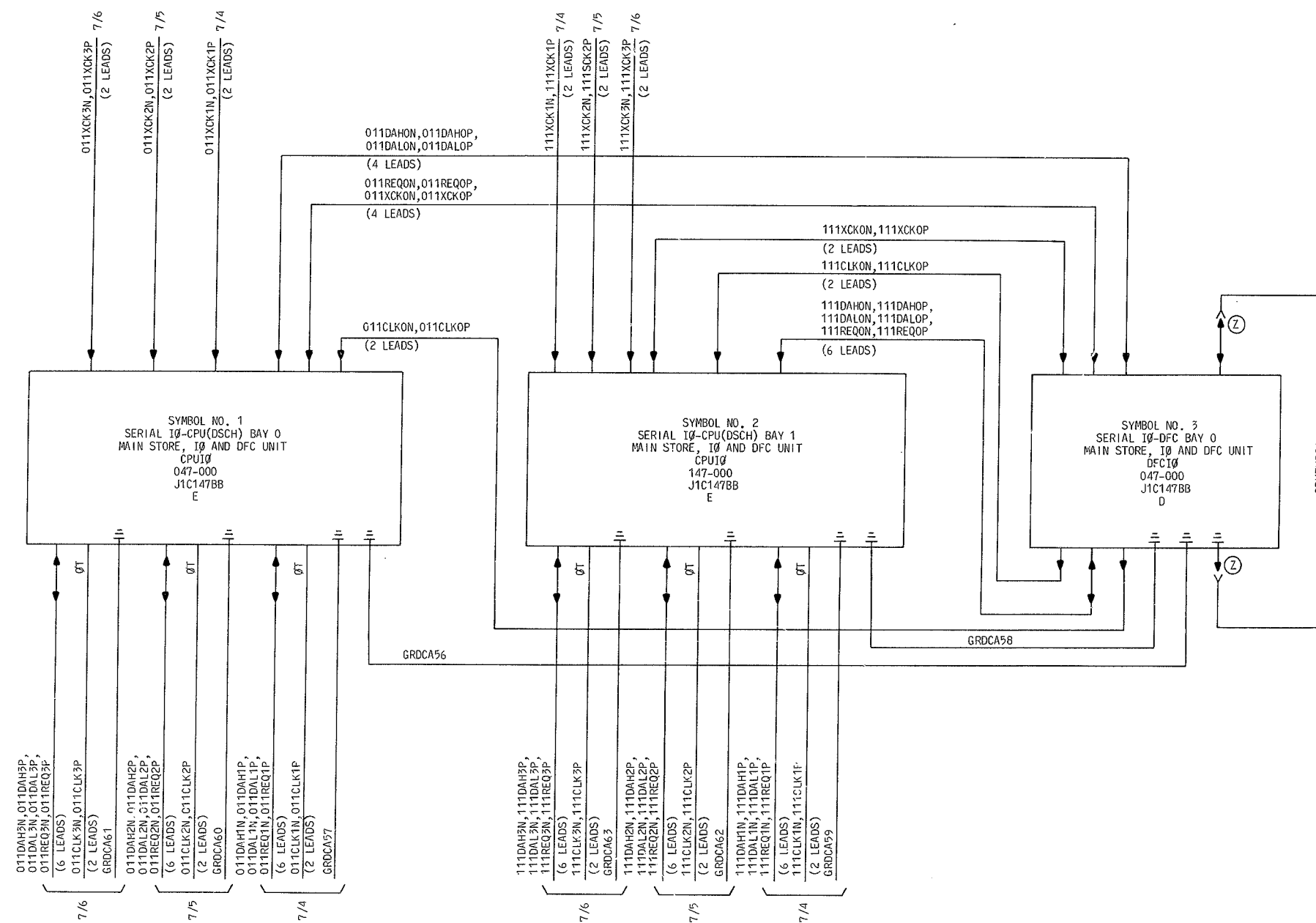
LEAD	DESIG	FUNC	TERM.	OPT	DESTINATION	NOTE	TERM.	MOD	LOC
NC		I	04-154-122				ECCID0	6/1	
		GRD	04-154-222				GRD04154	6/1	
SSR0010		I	04-084-336				SSR0010	1/8	
		GRD	04-084-335				GRD04084	1/8	
1EARCVO		I	04-154-020		6/4		EARCVO	6/1	
1EARCVOP		I	04-154-120		6/4		EARCVOP	6/1	
1EARCV1N		I	04-154-017		6/3		EARCV1N	6/1	
1EARCV1P		I	04-154-117		6/3		EARCV1P	6/1	
1EARTSON		O	04-154-019		6/4		EARTSON	6/1	
1EARTSOP		O	04-154-119		6/4		EARTSOP	6/1	
1EARTS1N		O	04-154-016		6/3		EARTS1N	6/1	
1EARTS1P		O	04-154-116		6/3		EARTS1P	6/1	
1EAXMTON		O	04-154-021		6/4		EAXMTON	6/1	
1EAXMTOP		O	04-154-121		6/4		EAXMTOP	6/1	
1EAXMT1N		O	04-154-018		6/3		EAXMT1N	6/1	
1EAXMT1P		O	04-154-118		6/3		EAXMT1P	6/1	

SYMBOL NO. 4
EAI-IOP BAY 0
IOP BASIC UNIT

DESIG	EOPT	LOC	CODE	ELEM	IDENT	OPT
EAI IOP	029-000	J1C147BD		H		

LEAD	DESIG	FUNC	TERM.	OPT	DESTINATION	NOTE	TERM.	MOD	LOC
GRDCA64		GRD	04-102-053				GRD04102	2/1	
		GRD	04-102-153				GRD04102	2/1	
GRDCA66		GRD	04-102-049				GRD04102	2/1	
		GRD	04-102-149				GRD04102	2/1	
0EARCVO		I	04-102-055		6/1		EAI0TXD1	2/1	
0EARCVOP		I	04-102-155		6/1		EAI0TXD0	2/1	
0EARTSON		I	04-102-054		6/1		EAI0SR01	2/1	
0EARTSOP		I	04-102-154		6/1		EAI0SR00	2/1	
0EAXMTON		I	04-102-056		6/1		EAI0RXD1	2/1	
0EAXMTOP		I	04-102-156		6/1		EAI0RXD0	2/1	
1EARCVO		I	04-102-051		6/2		EAI1TXD1	2/1	
1EARCVOP		I	04-102-151		6/2		EAI1TXD0	2/1	
1EARTSON		I	04-102-050		6/2		EAI1SR01	2/1	
1EARTSOP		I	04-102-150		6/2		EAI1SR00	2/1	
1EAXMTON		I	04-102-052		6/2		EAI1RXD1	2/1	
1EAXMTOP		I	04-102-152		6/2		EAI1RXD0	2/1	

SERIAL IO
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 7
IFD SYMBOL (S): 1,2,3

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PROCESSOR CONTROL CABINET

DWG SIZE
6S

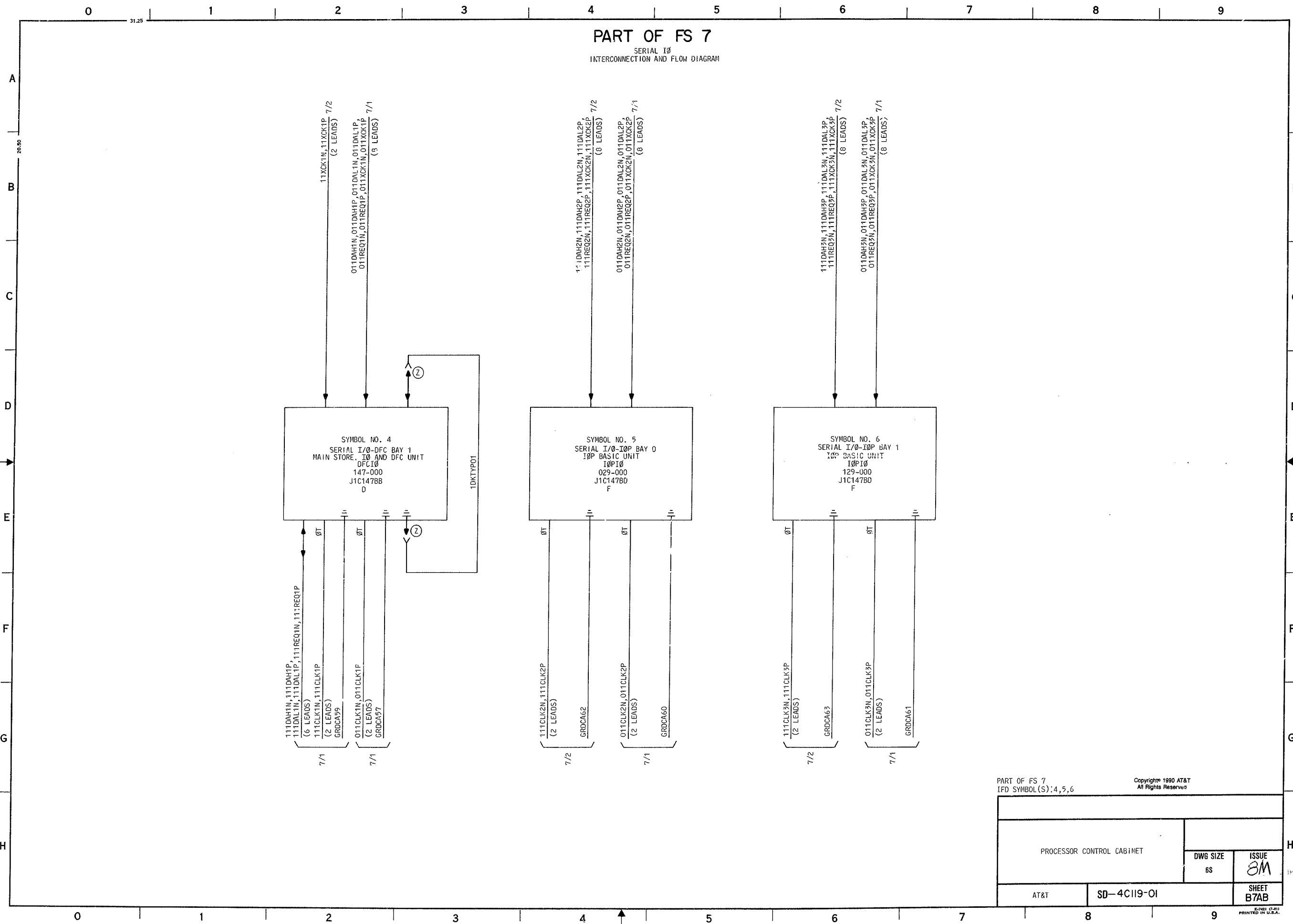
ISSUE
8M

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SD-4C119-01

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B7A A

E-7421 (7)
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PART OF FS 7															
SERIAL 1/0															
SYMBOL NO. 1					SYMBOL NO. 2					SYMBOL NO. 3					
SERIAL 1/0-CPU(DSCH) BAY 0					SERIAL 1/0-CPU(DSCH) BAY 1					SERIAL 1/0-DFC BAY 0					
MAIN STORE, IO AND DFC UNIT					MAIN STORE, IO AND DFC UNIT					MAIN STORE, IO AND DFC UNIT					
DESIG	EQPT	CODE	ELEM	OPT	DESIG	EQPT	CODE	ELEM	OPT	DESIG	EQPT	CODE	ELEM	OPT	
CPU10	047-000	J1C147BB	E		CPU10	147-000	J1C147BB	E		DFC10	047-000	J1C147BB	D		
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC	LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC
DESIG			MOD			MOD		DESIG			MOD			MOD	
GRDCA56	GRD	04-080-051		7/1		GRD04080	8/2	GRDCA58	GRD	04-080-051		7/2		GRD04080	8/2
	GRD	04-080-156		7/3		GRD04080	8/2		GRD	04-080-156		7/3		GRD04080	8/2
GRDCA57	GRD	04-080-045		7/4		GRD04080	8/2	GRDCA59	GRD	04-080-045		7/2		GRD04080	8/2
GRDCA60	GRD	04-080-150		7/1		GRD04080	8/2	GRDCA62	GRD	04-080-150		7/4		GRD04080	8/2
	GRD	04-080-251		7/1		GRD04080	8/2		GRD	04-080-251		7/2		GRD04080	8/2
	GRD	04-080-356		7/5		GRD04080	8/2		GRD	04-080-356		7/5		GRD04080	8/2
GRDCA61	GRD	04-080-245		7/1		GRD04080	8/2	GRDCA63	GRD	04-080-245		7/6		GRD04080	8/2
	GRD	04-080-350		7/6		GRD04080	8/2		GRD	04-080-350		7/2		GRD04080	8/2
011CLK0N	I	04-080-052		7/3		11CLK0N	8/2	111CLK0N	I	04-080-052		7/3		11CLK0N	8/2
011CLK0P	I	04-080-151		7/3		11CLK0P	8/2	111CLK0P	I	04-080-151		7/3		11CLK0P	8/2
011CLK1N	OT	04-080-046		7/4		11CLK01N	8/2	111CLK1N	OT	04-080-046		7/4		11CLK01N	8/2
011CLK1P	OT	04-080-145		7/4		11CLK01P	8/2	111CLK1P	OT	04-080-145		7/4		11CLK01P	8/2
011CLK2N	OT	04-080-252		7/5		11CLK02N	8/2	111CLK2N	OT	04-080-252		7/5		11CLK02N	8/2
011CLK2P	OT	04-080-351		7/5		11CLK02P	8/2	111CLK2P	OT	04-080-351		7/5		11CLK02P	8/2
011CLK3N	OT	04-080-246		7/6		11CLK03N	8/2	111CLK3N	OT	04-080-246		7/6		11CLK03N	8/2
011CLK3P	OT	04-080-345		7/6		11CLK03P	8/2	111CLK3P	OT	04-080-345		7/6		11CLK03P	8/2
011DAH0N	I	04-080-055		7/3		11DAH0N	8/2	111DAH0N	I	04-080-055		7/3		11DAH0N	8/2
011DAH0P	I	04-080-154		7/3		11DAH0P	8/2	111DAH0P	I	04-080-154		7/3		11DAH0P	8/2
011DAH1N	IO	04-080-049		7/4		11DAH01N	8/2	111DAH1N	IO	04-080-049		7/4		11DAH01N	8/2
011DAH1P	IO	04-080-148		7/4		11DAH01P	8/2	111DAH1P	IO	04-080-148		7/4		11DAH01P	8/2
011DAH2N	IO	04-080-255		7/5		11DAH02N	8/2	111DAH2N	IO	04-080-255		7/5		11DAH02N	8/2
011DAH2P	IO	04-080-354		7/5		11DAH02P	8/2	111DAH2P	IO	04-080-354		7/5		11DAH02P	8/2
011DAH3N	IO	04-080-249		7/6		11DAH03N	8/2	111DAH3N	IO	04-080-249		7/6		11DAH03N	8/2
011DAH3P	IO	04-080-348		7/6		11DAH03P	8/2	111DAH3P	IO	04-080-348		7/6		11DAH03P	8/2
011DAL0N	I	04-080-054		7/3		11DAL0N	8/2	111DAL0N	I	04-080-054		7/3		11DAL0N	8/2
011DAL0P	I	04-080-153		7/3		11DAL0P	8/2	111DAL0P	I	04-080-153		7/3		11DAL0P	8/2
011DAL1N	IO	04-080-048		7/4		11DAL01N	8/2	111DAL1N	IO	04-080-048		7/4		11DAL01N	8/2
011DAL1P	IO	04-080-147		7/4		11DAL01P	8/2	111DAL1P	IO	04-080-147		7/4		11DAL01P	8/2
011DAL2N	IO	04-080-254		7/5		11DAL02N	8/2	111DAL2N	IO	04-080-254		7/5		11DAL02N	8/2
011DAL2P	IO	04-080-353		7/5		11DAL02P	8/2	111DAL2P	IO	04-080-353		7/5		11DAL02P	8/2
011DAL3N	IO	04-080-248		7/6		11DAL03N	8/2	111DAL3N	IO	04-080-248		7/6		11DAL03N	8/2
011DAL3P	IO	04-080-347		7/6		11DAL03P	8/2	111DAL3P	IO	04-080-347		7/6		11DAL03P	8/2
011REQ0N	I	04-080-056		7/3		11REQ0N	8/2	111REQ0N	I	04-080-056		7/3		11REQ0N	8/2
011REQ0P	I	04-080-155		7/3		11REQ0P	8/2	111REQ0P	I	04-080-155		7/3		11REQ0P	8/2
011REQ01N	IO	04-080-050		7/4		11REQ01N	8/2	111REQ01N	IO	04-080-050		7/4		11REQ01N	8/2
011REQ01P	IO	04-080-149		7/4		11REQ01P	8/2	111REQ01P	IO	04-080-149		7/4		11REQ01P	8/2
011REQ02N	IO	04-080-256		7/5		11REQ02N	8/2	111REQ02N	IO	04-080-256		7/5		11REQ02N	8/2
011REQ02P	IO	04-080-355		7/5		11REQ02P	8/2	111REQ02P	IO	04-080-355		7/5		11REQ02P	8/2
011REQ03N	IO	04-080-250		7/6		11REQ03N	8/2	111REQ03N	IO	04-080-250		7/6		11REQ03N	8/2
011REQ03P	IO	04-080-349		7/6		11REQ03P	8/2	111REQ03P	IO	04-080-349		7/6		11REQ03P	8/2
011XCK0N	I	04-080-053		7/3		11XCK0N	8/2	111XCK0N	I	04-080-053		7/3		11XCK0N	8/2
011XCK0P	I	04-080-152		7/3		11XCK0P	8/2	111XCK0P	I	04-080-152		7/3		11XCK0P	8/2
011XCK1N	I	04-080-047		7/4		11XCK01N	8/2	111XCK1N	I	04-080-047		7/4		11XCK01N	8/2
011XCK1P	I	04-080-146		7/4		11XCK01P	8/2	111XCK1P	I	04-080-146		7/4		11XCK01P	8/2
011XCK2N	I	04-080-253		7/5		11XCK02N	8/2	111XCK2N	I	04-080-253		7/5		11XCK02N	8/2
011XCK2P	I	04-080-352		7/5		11XCK02P	8/2	111XCK2P	I	04-080-352		7/5		11XCK02P	8/2
011XCK3N	I	04-080-247		7/6		11XCK03N	8/2	111XCK3N	I	04-080-247		7/6		11XCK03N	8/2
011XCK3P	I	04-080-346		7/6		11XCK03P	8/2	111XCK3P	I	04-080-346		7/6		11XCK03P	8/2
PART OF FS 7										PART OF FS 7					
SYMBOL(S) 1 2 3										SYMBOL(S) 1 2 3					
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PROCESSOR CONTROL CABINET										PROCESSOR CONTROL CABINET					
DWG SIZE C2										ISSUE 8M					
AT&T										SD-4C119-01					
B7CA										B7CA					
PRINTED IN U.S.A.										PRINTED IN U.S.A.					

SERIAL I/O

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
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DFC10	147-000	J1C147BB	D	

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
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IOP10	029-000	J1C1478D	F	

SERIAL I/O-IOP BAY 0
IOP BASIC UNIT

SYMBOL NO. 6

SERIAL I/O-IOP BAY 1
IOP BASIC UNIT

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SYMBOL(S) 4 5 6

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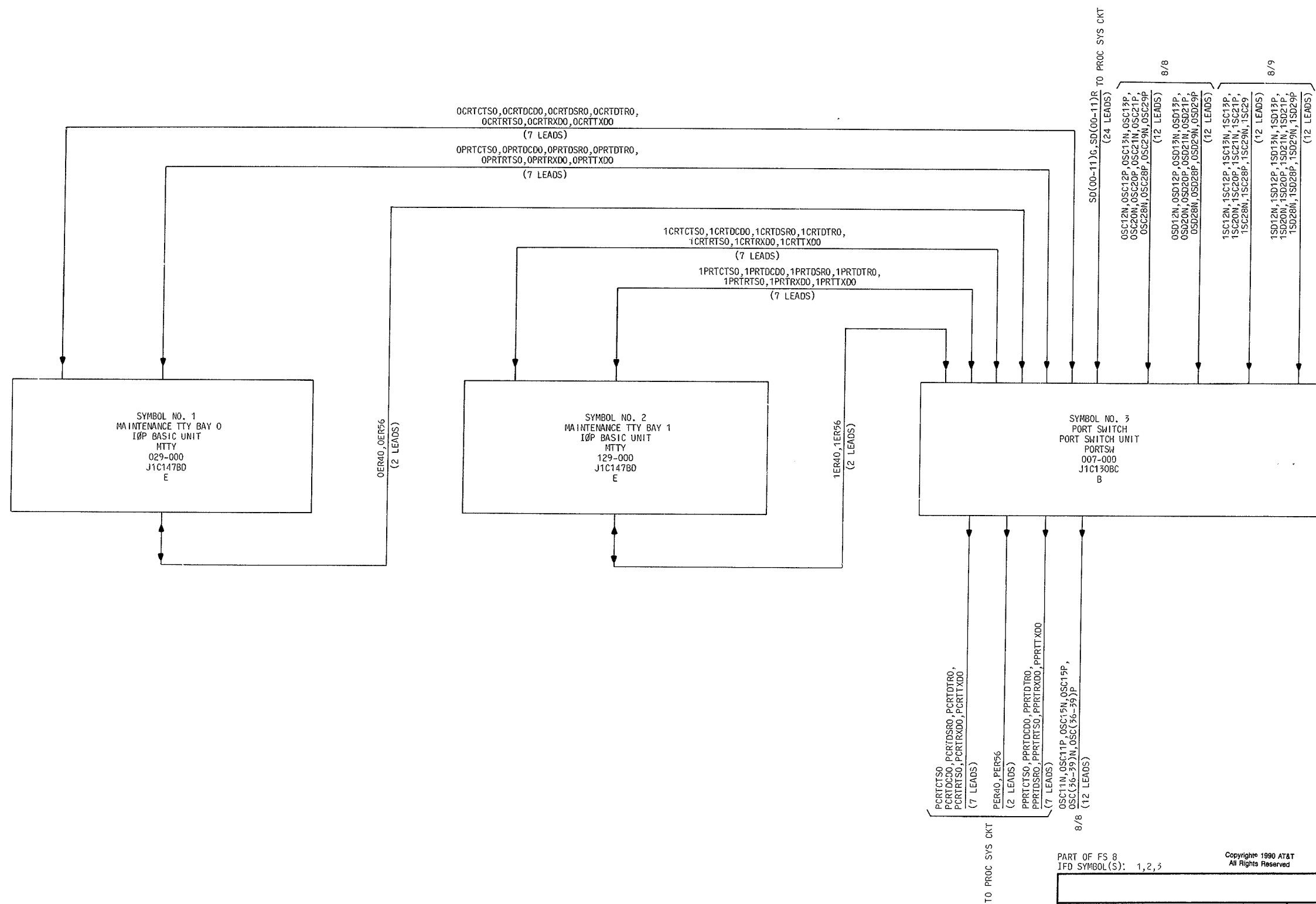
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PERIPHERAL CONTROLLERS AND PORT SWITCH UNIT INTERCONNECTION AND FLOW DIAGRAM



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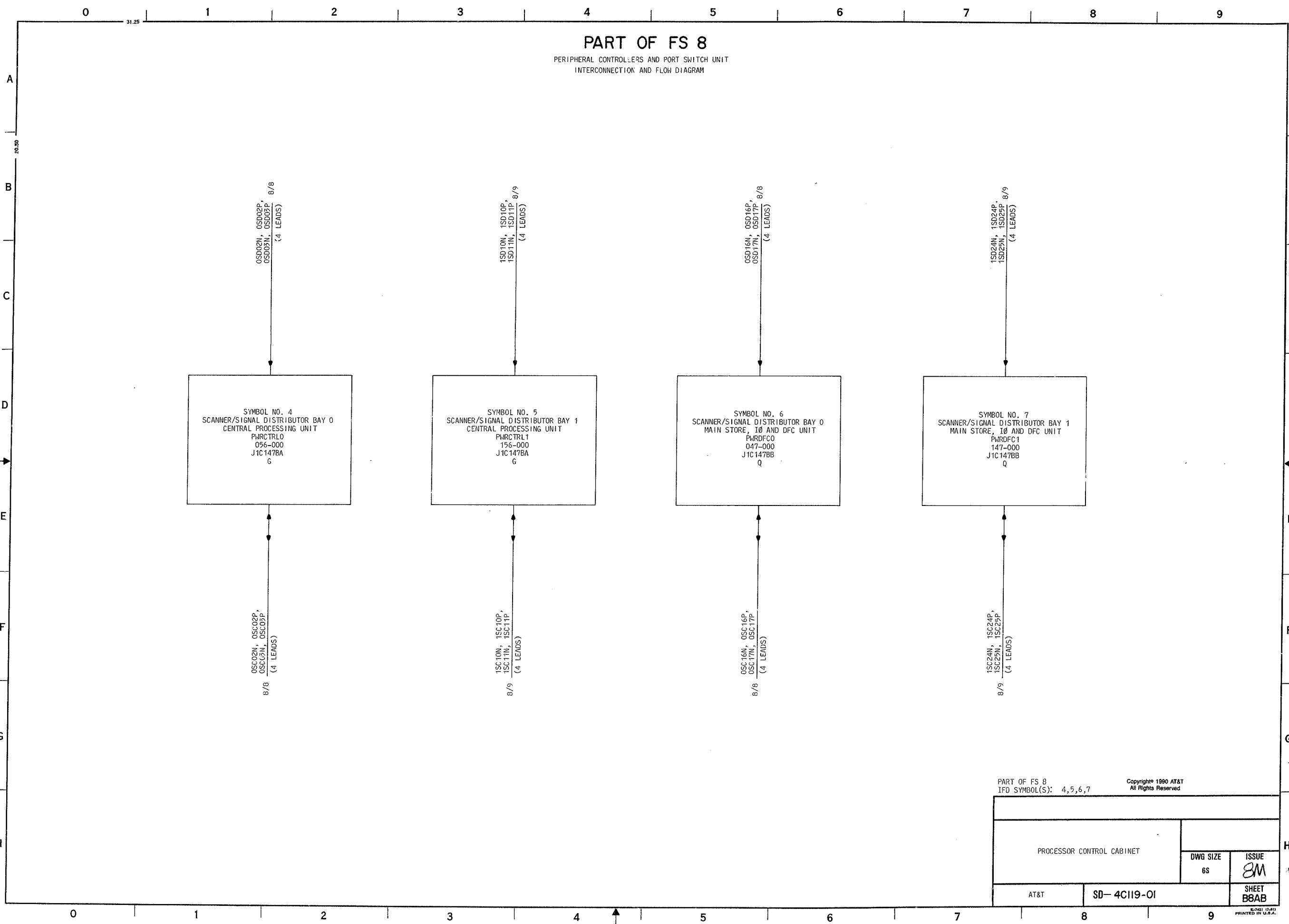
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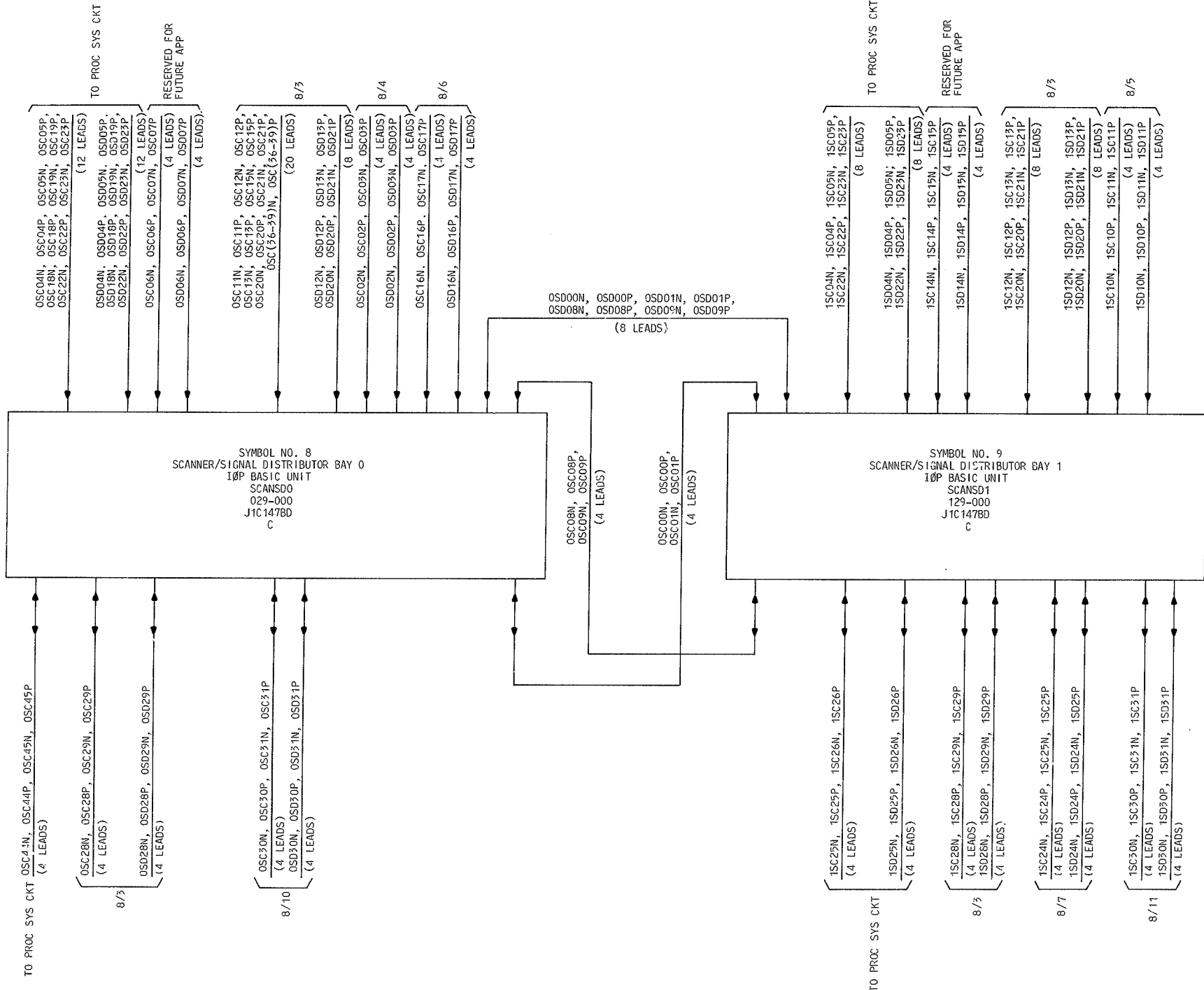
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PERIPHERAL CONTROLLERS AND PORT SWITCH UNIT
INTERCONNECTION AND FLOW DIAGRAM

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PERIPHERAL CONTROLLERS AND PORT SWITCH UNIT INTERCONNECTION AND FLOW DIAGRAM



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PROCESSOR CONTROL CABINET

DWG SIZE
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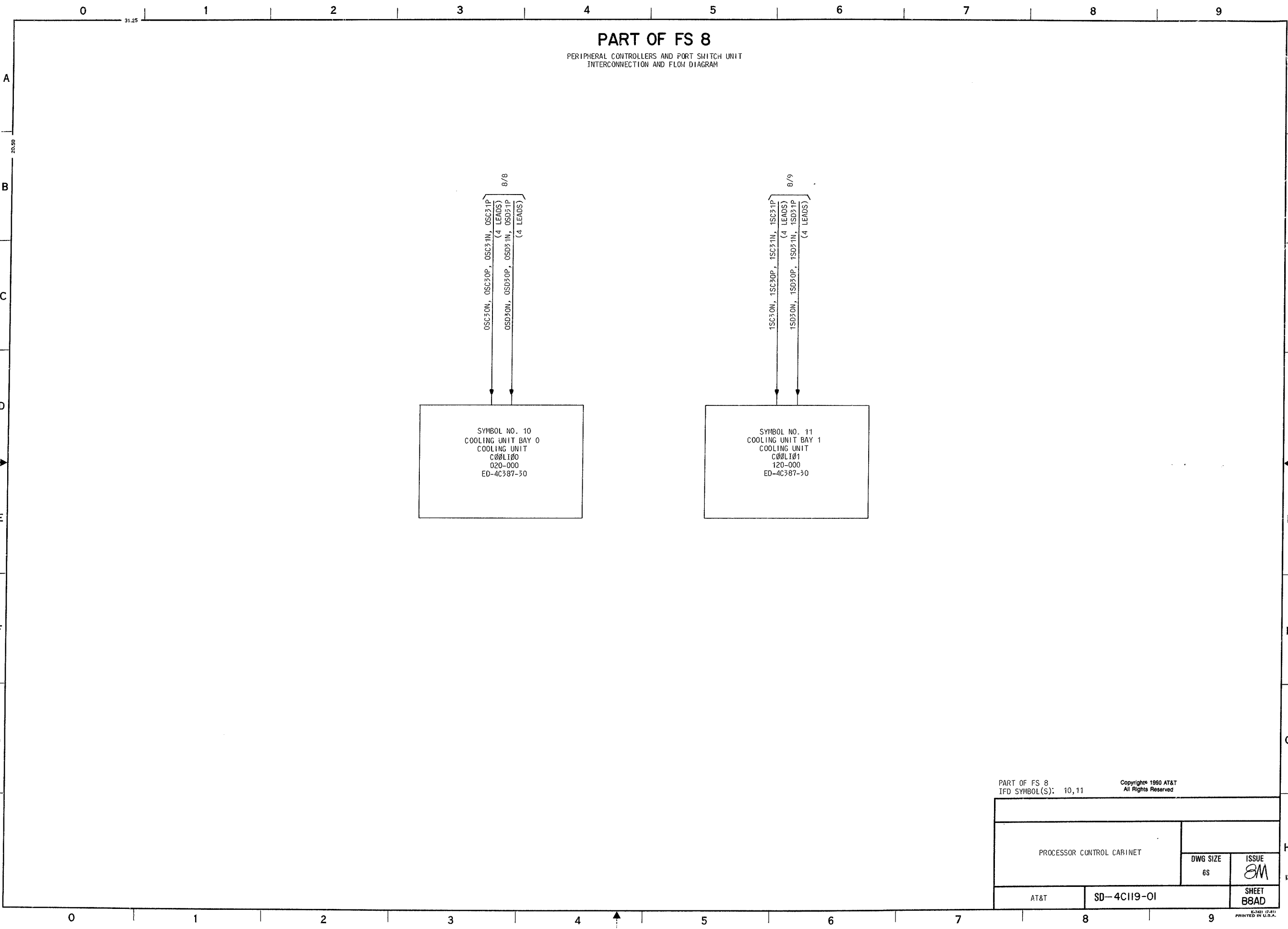
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PROCESSOR CONTROL CABINET		DWG SIZE	ISSUE
		6S	EM
AT&T	SD-4C119-01	SHEET	
		B8AD	

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PART OF FS 8
PERIPHERAL CONTROLLERS AND PORT SWITCH UNIT

SYMBOL NO. 1

MAINTENANCE TTY BAY 0
IOP BASIC UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MTTY	029-000	J1C147BD	E	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	I	04-102-041				P12REFC	2/1
	I	04-102-132				ERO	2/2
	I	04-102-254				P12REFA	2/1
OCRTCTSO	I	04-102-345		8/3		ERO	2/2
OCRTDCDO	I	04-102-349		8/3		CRTCTSO	2/1
	I	04-102-352		8/3		CRTDCDO	2/1
OCRTDSRO	I	04-102-351		8/3		CRTDSRO	2/1
OCRTDTR0	I	04-102-355		8/3		CRTDTR0	2/1
OCRTRTSO	I	04-102-252		8/3		CRTRTSO	2/1
OCRTRXDO	I	04-102-350		8/3		CRTRXDO	2/1
OCRTTXDO	I	04-102-353		8/3		CRTTXDO	2/1
ERO	IO	04-102-332				ERO	
0ER40	IO	04-102-245		8/3		ERO	2/2
0ER56	IO	04-102-032		8/3		ERO	2/2
OPRTCTSO	I	04-102-136		8/3		PRTCTSO	2/1
OPRTDCDO	I	04-102-139		8/3		PRTDCDO	2/1
OPRTDSRO	I	04-102-138		8/3		PRTDSRO	2/1
OPRTDTR0	I	04-102-142		8/3		PRTDTR0	2/1
OPRTRTSO	I	04-102-039		8/3		PRTRTSO	2/1
OPRTRXDO	I	04-102-137		8/3		PRTRXDO	2/1
OPRTTXDO	I	04-102-140		8/3		PRTTXDO	2/1
OSCCCTSO	I	04-102-336				SCCCTSO	2/1
OSCCDCDO	I	04-102-339				SCCDCDO	2/1
OSCCDSRO	I	04-102-338				SCCDSRO	2/1
OSCCDTR0	O	04-102-342				SCCDTR0	2/1
OSCCRTSO	O	04-102-239				SCCRTSO	2/1
OSCCRXC0	I	04-102-240				SCCRXC0	2/1
OSCCRXCDO	I	04-102-337				SCCRXCDO	2/1
OSCCTXC0	I	04-102-243				SCCTXC0	2/1
OSCCTXDO	O	04-102-340				SCCTXDO	2/1

SYMBOL NO. 2

MAINTENANCE TTY BAY 1
IOP BASIC UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MTTY	129-000	J1C147BD	E	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	I	04-102-041				P12REFC	2/1
	I	04-102-132				ERO	2/2
	I	04-102-254				P12REFA	2/1
1CRTCTSO	I	04-102-345		8/3		ERO	2/2
1CRTDCDO	I	04-102-349		8/3		CRTCTSO	2/1
	I	04-102-352		8/3		CRTDCDO	2/1
1CRTDSRO	I	04-102-351		8/3		CRTDSRO	2/1
1CRTDTR0	I	04-102-355		8/3		CRTDTR0	2/1
1CRTRTSO	I	04-102-252		8/3		CRTRTSO	2/1
1CRTRXDO	I	04-102-350		8/3		CRTRXDO	2/1
1CRTTXDO	I	04-102-353		8/3		CRTTXDO	2/1
1ERO	IO	04-102-332				ERO	
1ER40	IO	04-102-245		8/3		ERO	2/2
1ER56	IO	04-102-032		8/3		ERO	2/2
1PRTCTSO	I	04-102-136		8/3		PRTCTSO	2/1

SYMBOL NO. 2 (CONT)

MAINTENANCE TTY BAY 1
IOP BASIC UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MTTY	129-000	J1C147BD	E	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1PRTDCDO	I	04-102-139		8/3		PRTDCDO	2/1
1PRTDSRO	I	04-102-138		8/3		PRTDSRO	2/1
1PRTDTR0	I	04-102-142		8/3		PRTDTR0	2/1
1PRTRTSO	I	04-102-039		8/3		PRTRTSO	2/1
1PRTRXDO	I	04-102-137		8/3		PRTRXDO	2/1
1PRTTXDO	I	04-102-140		8/3		PRTTXDO	2/1
1SCCCTSO	I	04-102-336				SCCCTSO	2/1
1SCCDCDO	I	04-102-339				SCCDCDO	2/1
1SCCDSRO	I	04-102-338				SCCDSRO	2/1
1SCCDTR0	O	04-102-342				SCCDTR0	2/1
1SCCRTSO	O	04-102-239				SCCRTSO	2/1
1SCCRXC0	I	04-102-240				SCCRXC0	2/1
1SCCRXCDO	I	04-102-337				SCCRXCDO	2/1
1SCCTXC0	I	04-102-243				SCCTXC0	2/1
1SCCTXDO	O	04-102-340				SCCTXDO	2/1

SYMBOL NO. 3

PORT SWITCH
PORT SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PORTSW	007-000	J1C130BC	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	O	02-040-013				SER40	1/1
	O	02-040-014				SCRTRXDO	1/1
	O	02-040-015				SCRTDCDO	1/1
	O	02-040-016				SCRTRTSO	1/1
	O	02-040-114				SCRCTCTSO	1/1
	O	02-040-115				SCRCTDSRO	1/1
	O	02-040-116				SCRCTTXDO	1/1
	O	02-040-118				SCRCTDTR0	1/1
	O	02-056-013				SER56	1/2
	O	02-056-014				SPRTRXDO	1/2
	O	02-056-015				SPRTDCDO	1/2
	O	02-056-016				SPRTRTSO	1/2
	O	02-056-114				SPRTCTSO	1/2
	O	02-056-115				SPRTDSRO	1/2
	O	02-056-116				SPRTTXDO	1/2
PCTCTSO	O	02-056-118				SPRTDTR0	1/2
PCTDCDO	O	02-040-314		TO PROC SYS CKT		PCTCTSO	1/1
	O	02-040-215		TO PROC SYS CKT		PCTDCDO	1/1
PCTDSRO	O	02-040-315		TO PROC SYS CKT		PCTDSRO	1/1
PCTDTR0	O	02-040-318		TO PROC SYS CKT		PCTDTR0	1/1
PCTRTSO	O	02-040-216		TO PROC SYS CKT		PCTRTSO	1/1
PCRTRXDO	O	02-040-214		TO PROC SYS CKT		PCRTRXDO	1/1
PCRTTXDO	O	02-040-316		TO PROC SYS CKT		PCRTTXDO	1/1
PER40	O	02-040-213		TO PROC SYS CKT		PER40	1/1
PER56	O	02-056-213		TO PROC SYS CKT		PER56	1/2
PPRTCTSO	O	02-056-314		TO PROC SYS CKT		PPRTCTSO	1/2
PPRTDCDO	O	02-056-215		TO PROC SYS CKT		PPRTDCDO	1/2
PPRTDSRO	O	02-056-315		TO PROC SYS CKT		PPRTDSRO	1/2
PPRTDTR0	O	02-056-318		TO PROC SYS CKT		PPRTDTR0	1/2
PPRTRTSO	O	02-056-216		TO PROC SYS CKT		PPRTRTSO	1/2

SYMBOL NO. 3 (CONT)

PORT SWITCH
PORT SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PORTSW	007-000	J1C130BC	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
PPRTRXDO	O	02-056-214		TO PROC SYS CKT		PPRTRXDO	1/2
PPRTTXDO	O	02-056-316		TO PROC SYS CKT		PPRTTXDO	1/2
SD00G	I	02-134-300		TO PROC SYS CKT			
SD00R	I	02-134-200		TO PROC SYS CKT			
SD01G	I	02-134-301		TO PROC SYS CKT			
SD01R	I	02-134-201		TO PROC SYS CKT			
SD02G	I	02-134-304		TO PROC SYS CKT			
SD02R	I	02-134-204		TO PROC SYS CKT			
SD03G	I	02-134-305		TO PROC SYS CKT			
SD03R	I	02-134-205		TO PROC SYS CKT			
SD04G	I	02-134-308		TO PROC SYS CKT			
SD04R	I	02-134-208		TO PROC SYS CKT			
SD05G	I	02-134-309		TO PROC SYS CKT			
SD05R	I	02-134-209		TO PROC SYS CKT			
SD06G	I	02-134-313		TO PROC SYS CKT			
SD06R	I	02-134-213		TO PROC SYS CKT			
SD07G	I	02-134-314		TO PROC SYS CKT			
SD07R	I	02-134-214		TO PROC SYS CKT			
SD08G	I	02-134-317		TO PROC SYS CKT			
SD08R	I	02-134-217		TO PROC SYS CKT			
SD09G	I	02-134-318		TO PROC SYS CKT			
SD09R	I	02-134-218		TO PROC SYS CKT			
SD10G	I	02-134-321		TO PROC SYS CKT			
SD10R	I	02-134-221		TO PROC SYS CKT			
SD11G	I	02-134-322		TO PROC SYS CKT			
SD11P	I	02-134-222		TO PROC SYS CKT			
OCRTCTSO	I	02-040-304		8/1		OCRTCTSO	1/1
OCRTDCDO	I	02-040-307		8/1		OCRTDCDO	1/1
OCRTDSRO	I	02-040-306		8/1		OCRTDSRO	1/1
OCRTDTR0	I	02-040-310		8/1		OCRTDTR0	1/1
OCRTRTSO	I	02-040-207		8/1		OCRTRTSO	1/1
OCRTRXDO	I	02-040-305		8/1		OCRTRXDO	1/1
OCRTTXDO	I	02-040-308		8/1		OCRTTXDO	1/1
0ER40	I	02-040-200		8/1		0ER40	1/1
0ER56	I	02-056-200		8/1		0ER56	1/2
OPRTCTSO	I	02-056-304		8/1		OPRTCTSO	1/2
OPRTDCDO	I	02-056-307		8/1		OPRTDCDO	1/2
OPRTDSRO	I	02-056-306		8/1		OPRTDSRO	1/2
OPRTDTR0	I	02-056-310		8/1		OPRTDTR0	1/2
OPRTRTSO	I	02-056-207		8/1		OPRTRTSO	1/2
OPRTRXDO	I	02-056-305		8/1		OPRTRXDO	1/2
OPRTTXDO	I	02-056-308		8/1		OPRTTXDO	1/2
OSC11N	O	02-040-022		8/8		SCA40	1/1
OSC11P	O	02-040-122		8/8		SCAR40	1/1
OSC12N	I	02-134-002		8/8			
OSC12P	I	02-134-102		8/8			
OSC13N	I	02-134-003		8/8			
OSC13P	I	02-134-103		8/8			
OSC15N	O	02-056-022		8/8		SCA56	1/2
OSC15P	O	02-056-122		8/8		SCAR56	1/2

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SYMBOL(S) 1 2 3

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PART OF FS 8 PERIPHERAL CONTROLLERS AND PORT SWITCH UNIT														
SYMBOL NO. 3 (CONT) PORT SWITCH PORT SWITCH UNIT					SYMBOL NO. 3 (CONT) PORT SWITCH PORT SWITCH UNIT					SYMBOL NO. 6 SCANNER/SIGNAL DISTRIBUTOR BAY 0 MAIN STORE, IO AND DFC UNIT				
DESIG PORTSW	EQPT LOC 007-000	CODE J1C130BC	ELEM IDENT B	OPT ---	DESIG PORTSW	EQPT LOC 007-000	CODE J1C130BC	ELEM IDENT B	OPT ---	DESIG PWRDFC0	EQPT LOC 047-000	CODE J1C147BB	ELEM IDENT Q	OPT ---
LEAD DESIG	FUNC	TERM. OPT	TERM. MOD	LOC	LEAD DESIG	FUNC	TERM. OPT	TERM. MOD	LOC	LEAD DESIG	FUNC	TERM. OPT	TERM. MOD	LOC
OSC20N	I	02-134-006			1SD13N	I	02-134-014			OSC16N	IO	04-074-208		
OSC20P	I	02-134-106			1SD13P	I	02-134-114			OSC16P	IO	04-074-308		
OSC21N	I	02-134-007			1SD20N	I	02-134-017			OSC17N	IO	04-074-209		
OSC21P	I	02-134-107												
OSC28N	I	02-134-010			1SD20P	I	02-134-117			OSC17P	IO	04-074-309		
OSC28P	I	02-134-110			1SD21N	I	02-134-018			OSD16N	I	04-074-206		
OSC29N	I	02-134-011			1SD21P	I	02-134-118			OSD16P	I	04-074-306		
OSC29P	I	02-134-111								OSD17N	I	04-074-207		
OSC36N	O	02-040-023	SCB40	1/1	1SD28N	I	02-134-021			OSD17P	I	04-074-307		
OSC36P	O	02-040-123	SCBR40	1/1	1SD28P	I	02-134-121							
OSC37N	O	02-040-024	SCC40	1/1	1SD29N	I	02-134-022							
OSC37P	O	02-040-124	SCCR40	1/1										
OSC38N	O	02-056-023	SCB56	1/2	1SD29P	I	02-134-122							
OSC38P	O	02-056-123	SCBR56	1/2										
OSC39N	O	02-056-024	SCC56	1/2	SYMBOL NO. 4 SCANNER/SIGNAL DISTRIBUTOR BAY 0 CENTRAL PROCESSING UNIT									
OSC39P	O	02-056-124	SCCR56	1/2	DESIG PWRCTRL0	EQPT LOC 056-000	CODE J1C147BA	ELEM IDENT G	OPT ---	LEAD DESIG	FUNC	TERM. OPT	TERM. MOD	LOC
OSD12N	I	02-134-000								OSC02N	IO	04-162-208		
OSD12P	I	02-134-100								OSC02P	IO	04-162-308		
OSD13N	I	02-134-001								OSC03N	IO	04-162-209		
OSD13P	I	02-134-101												
OSD20N	I	02-134-004								OSC03P	IO	04-162-309		
OSD20P	I	02-134-104								OSD02N	I	04-162-206		
OSD21N	I	02-134-005								OSD02P	I	04-162-306		
OSD21P	I	02-134-105												
OSD28N	I	02-134-008								OSD03N	I	04-162-207		
OSD28P	I	02-134-108								OSD03P	I	04-162-307		
OSD29N	I	02-134-009												
OSD29P	I	02-134-109												
1CRTCTSO	I	02-040-104	1CRTCTSO	1/1	SYMBOL NO. 5 SCANNER/SIGNAL DISTRIBUTOR BAY 1 CENTRAL PROCESSING UNIT									
1CRTDCDO	I	02-040-107	1CRTDCDO	1/1	DESIG PWRCTRL1	EQPT LOC 156-000	CODE J1C147BA	ELEM IDENT G	OPT ---	LEAD DESIG	FUNC	TERM. OPT	TERM. MOD	LOC
1CRTDSRO	I	02-040-106	1CRTDSRO	1/1						1SC10N	IO	04-162-208		
1CRTDTR0	I	02-040-110	1CRTDTR0	1/1						1SC10P	IO	04-162-308		
1CRTRTS0	I	02-040-007	1CRTRTS0	1/1						1SC11N	IO	04-162-209		
1CRTRXD0	I	02-040-105	1CRTRXD0	1/1										
1CRTTXD0	I	02-040-108	1CRTTXD0	1/1						1SC11P	IO	04-162-309		
1ER40	I	02-040-000	1ER40	1/1						1SD10N	I	04-162-206		
1ER56	I	02-056-000	1ER56	1/2						1SD10P	I	04-162-306		
1PRTCTSO	I	02-056-104	1PRTCTSO	1/2										
1PRTDCDO	I	02-056-107	1PRTDCDO	1/2						1SD11N	I	04-162-207		
1PRTDSRO	I	02-056-106	1PRTDSRO	1/2						1SD11P	I	04-162-307		
1PRTDTR0	I	02-056-110	1PRTDTR0	1/2										
1PRTRTS0	I	02-056-007	1PRTRTS0	1/2										
1PRTRXD0	I	02-056-105	1PRTRXD0	1/2										
1PRTTXD0	I	02-056-108	1PRTTXD0	1/2										
1SC12N	I	02-134-015												
1SC12P	I	02-134-115												
1SC13N	I	02-134-016												
1SC13P	I	02-134-116												
1SC20N	I	02-134-019												
1SC20P	I	02-134-119												
1SC21N	I	02-134-020												
1SC21P	I	02-134-120												
1SC28N	I	02-134-023												
1SC28P	I	02-134-123												
1SC29N	I	02-134-024												
1SC29P	I	02-134-124												
1SD12N	I	02-134-013												
1SD12P	I	02-134-113												

PROCESSOR CONTROL CABINET

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PART OF FS 8
PERIPHERAL CONTROLLERS AND PORT SWITCH UNIT

SYMBOL NO. 7

SCANNER/SIGNAL DISTRIBUTOR BAY 1
MAIN STORE, IO AND DFC UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRDFC1	147-000	J1C147BB	Q	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1SC24N	IO	04-074-208		8/9		DSCXN	1/2
1SC24P	IO	04-074-308		8/9		DSCYP	1/2
1SC25N	IO	04-074-209		8/9		DSCXN	1/2
1SC25P	IO	04-074-309		8/9		DSCXP	1/2
1SD24N	I	04-074-206		8/9		DOOSN	1/2
1SD24P	I	04-074-306		8/9		DOOSP	1/2
1SD25N	I	04-074-207		8/9		DRQIPN	1/2
1SD25P	I	04-074-307		8/9		DRQIPP	1/2

SYMBOL NO. 8

SCANNER/SIGNAL DISTRIBUTOR BAY 0
IOP BASIC UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SCANS00	029-000	J1C147BD	C	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	I	04-086-033				SD00N	2/3
	I	04-086-034				SD01N	2/3
	I	04-086-035				SC00N	2/3
	I	04-086-036				SC01N	2/3
	I	04-086-041				SC32N	2/3
	I	04-086-042				SC33N	2/3
	I	04-086-054				SC34N	2/3
	I	04-086-055				SC35N	2/3
	I	04-086-133				SD00P	2/3
	I	04-086-134				SD01P	2/3
	I	04-086-135				SC00P	2/3
	I	04-086-136				SC01P	2/3
	I	04-086-141				SC32P	2/3
	I	04-086-142				SC33P	2/3
	I	04-086-154				SC34P	2/3
	I	04-086-155				SC35P	2/3
	I	04-086-237				SD10N	2/3
	I	04-086-238				SD11N	2/3
	I	04-086-239				SC10N	2/3
	I	04-086-250				SD14N	2/3
	I	04-086-251				SD15N	2/3
	I	04-086-252				SC14N	2/3
	I	04-086-337				SD10P	2/3
	I	04-086-338				SD11P	2/3
	I	04-086-339				SC10P	2/3
	I	04-086-350				SD14P	2/3
	I	04-086-351				SD15P	2/3
	I	04-086-352				SC14P	2/3
	I	04-086-441				SC40N	2/3
	I	04-086-442				SC41N	2/3
	I	04-086-454				SC42N	2/3
	I	04-086-455				SC43N	2/3
	I	04-086-541				SC40P	2/3
	I	04-086-542				SC41P	2/3
	I	04-086-554				SC42P	2/3
	I	04-086-555				SC43P	2/3
	I	04-092-033				SD24N	2/3
	I	04-092-034				SD25N	2/3
	I	04-092-035				SC24N	2/3

SYMBOL NO. 8 (CONT)

SCANNER/SIGNAL DISTRIBUTOR BAY 0
IOP BASIC UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SCANS00	029-000	J1C147BD	C	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	I	04-092-036				SC25N	2/3
	I	04-092-037				SD26N	2/3
	I	04-092-038				SD27N	2/3
	I	04-092-039				SC26N	2/3
	I	04-092-040				SC27N	2/3
	I	04-092-054				SC46N	2/3
	I	04-092-055				SC47N	2/3
	I	04-093-033				SD24P	2/3
	I	04-093-036				SD25P	2/3
	I	04-093-037				SD26P	2/3
	I	04-093-038				SD27P	2/3
	I	04-093-039				SC26P	2/3
	I	04-093-040				SC27P	2/3
	I	04-093-054				SC46P	2/3
	I	04-093-055				SC47P	2/3
OSC00N	IO	04-162-208		8/9		ISCYN	3/2
OSC00P	IO	04-162-308		8/9		ISCYN	3/2
OSC01N	IO	04-162-209		8/9		ISCYN	3/2
OSC01P	IO	04-162-309		8/9		ISCYN	3/2
OSC02N	I	04-086-039		8/4		SC02N	2/3
OSC02P	I	04-086-139		8/4		SC02P	2/3
OSC03N	I	04-086-040		8/4		SC03N	2/3
OSC03P	I	04-086-140		8/4		SC03P	2/3
OSC04N	I	04-086-048			TO PROC SYS CKT	SC04N	2/3
OSC04P	I	04-086-148			TO PROC SYS CKT	SC04P	2/3
OSC05N	I	04-086-049			TO PROC SYS CKT	SC05N	2/3
OSC05P	I	04-086-149			TO PROC SYS CKT	SC05P	2/3
OSC06N	I	04-086-052			RESERVED FOR FUTURE APP	SC06N	2/3
OSC06P	I	04-086-152			RESERVED FOR FUTURE APP	SC06P	2/3
OSC07N	I	04-086-053			RESERVED FOR FUTURE APP	SC07N	2/3
OSC07P	I	04-086-153			RESERVED FOR FUTURE APP	SC07P	2/3
OSC08N	I	04-086-235		8/9		SC08N	2/3
OSC08P	I	04-086-335		8/9		SC08P	2/3
OSC09N	I	04-086-236		8/9		SC09N	2/3
OSC09P	I	04-086-336		8/9		SC09P	2/3
OSC11N	I	04-086-240		8/3		SC11N	2/3
OSC11P	I	04-086-340		8/3		SC11P	2/3
OSC12N	I	04-086-248		8/3		SC12N	2/3
OSC12P	I	04-086-348		8/3		SC12P	2/3
OSC13N	I	04-086-249		8/3		SC13N	2/3
OSC13P	I	04-086-349		8/3		SC13P	2/3
OSC15N	I	04-086-253		8/3		SC15N	2/3
OSC15P	I	04-086-353		8/3		SC15P	2/3
OSC16N	I	04-086-435		8/6		SC16N	2/3
OSC16P	I	04-086-535		8/6		SC16P	2/3
OSC17N	I	04-086-436		8/6		SC17N	2/3
OSC17P	I	04-086-536		8/6		SC17P	2/3
OSC18N	I	04-086-439			TO PROC SYS CKT	SC18N	2/3
OSC18P	I	04-086-539			TO PROC SYS CKT	SC18P	2/3
OSC19N	I	04-086-440			TO PROC SYS CKT	SC19N	2/3
OSC19P	I	04-086-540			TO PROC SYS CKT	SC19P	2/3
OSC20N	I	04-086-448		8/3		SC20N	2/3
OSC20P	I	04-086-548		8/3		SC20P	2/3
OSC21N	I	04-086-449		8/3		SC21N	2/3
OSC21P	I	04-086-549		8/3		SC21P	2/3

SYMBOL NO. 8 (CONT)

SCANNER/SIGNAL DISTRIBUTOR BAY 0
IOP BASIC UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
SCANS00	029-000	J1C147BD	C	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OSC22N	I	04-086-452		TO PROC SYS CKT		SC22N	2/3
OSC22P	I	04-086-552		TO PROC SYS CKT		SC22P	2/3
OSC23N	I	04-086-453		TO PROC SYS CKT		SC23N	2/3
OSC23P	I	04-086-553		TO PROC SYS CKT		SC23P	2/3
OSC28N	IO	04-092-048		8/3		SC28N	2/3
OSC28P	IO	04-093-048		8/3		SC28P	2/3
OSC29N	IO	04-092-049		8/3		SC29N	2/3
OSC29P	IO	04-093-049		8/3		SC29P	2/3
OSC30N	IO	04-092-052		8/10		SC30N	2/3
OSC30P	IO	04-093-052		8/10		SC30P	2/3
OSC31N	IO	04-092-053		8/10		SC31N	2/3
OSC31P	IO	04-093-053		8/10		SC31P	2/3
OSC36N	I	04-086-241		8/3		SC36N	2/3
OSC36P	I	04-086-341		8/3		SC36P	2/3
OSC37N	I	04-086-242		8/3		SC37N	2/3
OSC37P	I	04-086-342		8/3		SC37P	2/3
OSC38N	I	04-086-254		8/3		SC38N	2/3
OSC38P	I	04-086-354		8/3		SC38P	2/3
OSC39N	I	04-086-255		8/3		SC39N	2/3
OSC39P	I	04-086-355		8/3		SC39P	2/3
OSC44N	IO	04-092-041		TO PROC SYS CKT		SC44N	2/3
OSC44P	IO	04-093-041		TO PROC SYS CKT		SC44P	2/3
OSC45N	IO	04-092-042		TO PROC SYS CKT		SC45N	2/3
OSC45P	IO	04-093-042		TO PROC SYS CKT		SC45P	2/3
OSD00N	I	04-162-206		8/9		IOOSN	3/2
OSD00P	I	04-162-306		8/9		IOOSP	3/2
OSD01N	I	04-162-207		8/9		IRQIPN	3/2
OSD01P	I	04-162-307		8/9		IRQIPP	3/2
OSD02N	I	04-086-037		8/4		SD02N	2/3
OSD02P	I	04-086-137		8/4		SD02P	2/3
OSD03N	I	04-086-038		8/4		SD03N	2/3
OSD03P	I	04-086-138		8/4		SD03P	2/3
OSD04N	I	04-086-046			TO PROC SYS CKT	SD04N	2/3
OSD04P	I	04-086-146			TO PROC SYS CKT	SD04P	2/3
OSD05N	I	04-086-047			TO PROC SYS CKT	SD05N	2/3
OSD05P	I	04-086-147			TO PROC SYS CKT	SD05P	2/3
OSD06N	I	04-086-050			RESERVED FOR FUTURE APP	SD06N	2/3
OSD06P	I	04-086-150			RESERVED FOR FUTURE APP	SD06P	2/3
OSD07N	I	04-086-051			RESERVED FOR FUTURE APP	SD07N	2/3
OSD07P	I	04-086-151			RESERVED FOR FUTURE APP	SD07P	2/3
OSD08N	I	04-086-233		8/9		SD08N	2/3
OSD08P	I	04-086-333		8/9		SD08P	2/3
OSD09N	I	04-086-234		8/9		SD09N	2/3
OSD09P	I	04-086-334		8/9		SD09P	2/3
OSD12N	I	04-086-246		8/3		SD12N	2/3
OSD12P	I	04-086-346		8/3		SD12P	2/3
OSD13N	I	04-086-247		8/3		SD13N	2/3

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SYMBOL NO. 9 (CONT)

SCANNER/SIGNAL DISTRIBUTOR BAY 1
IOP BASIC UNIT

SYMBOL NO. 9						
SCANNER/SIGNAL DISTRIBUTOR BAY 1						
10P BASIC UNIT						
DESIG	EQPT	LOC	CODE	ELEM	IDENT	OPT
-----	-----	-----	-----	-----	-----	-----
SCANS01	129-000	J1C147BD		C		

LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC
DESIG			OPT	-----	-----	MOD	---
----			---				
NC	I	04-086-037				SD02N	2/3
	I	04-086-038				SD03N	2/3
	I	04-086-039				SC02N	2/3
	I	04-086-040				SC03N	2/3
	I	04-086-041				SC32N	2/3
	I	04-086-042				SC33N	2/3
	I	04-086-050				SD06N	2/3
	I	04-086-051				SD07N	2/3
	I	04-086-052				SC06N	2/3
	I	04-086-053				SC07N	2/3
	I	04-086-054				SC34N	2/3
	I	04-086-055				SC35N	2/3
	I	04-086-137				SD02P	2/3
	I	04-086-138				SD03P	2/3
	I	04-086-139				SC02P	2/3
	I	04-086-140				SC03P	2/3
	I	04-086-141				SC32P	2/3
	I	04-086-142				SC33P	2/3
	I	04-086-150				SD06P	2/3
	I	04-086-151				SD07P	2/3
	I	04-086-152				SC06P	2/3

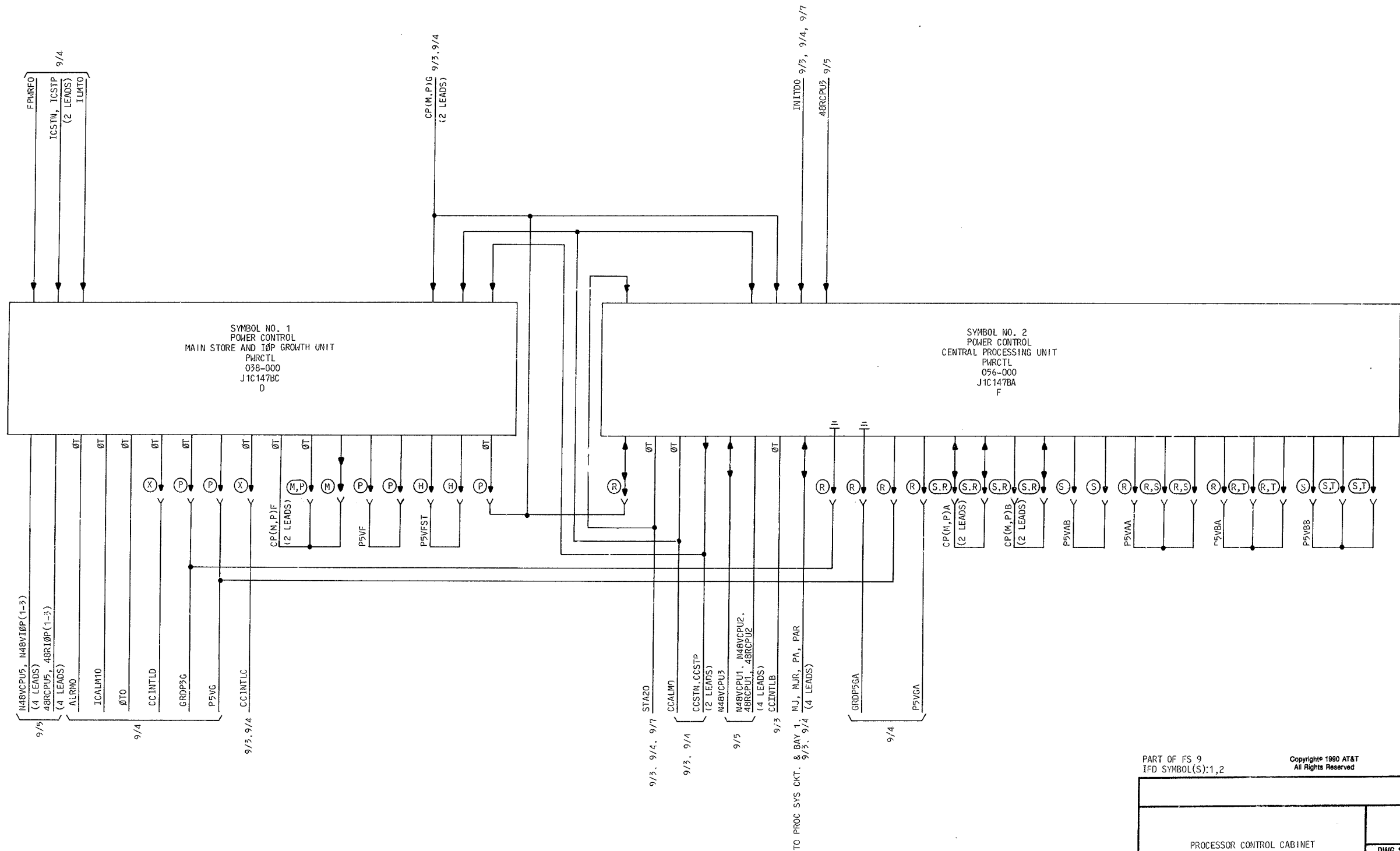
SYMBOL NO. 9				(CONT)			
SCANNER/SIGNAL DISTRIBUTOR BAY 1							
IOP BASIC UNIT							
DESIG	EOPT	CODE	ELEM	OPT			
-----	LOC	-----	IDENT	---			
SCANS01	129-000	J1C147BD	C				
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC
DESIG			OPT			MOD	
-----			---			---	---
	I	04-086-153				SC07P	2/3
	I	04-086-154				SC34P	2/3
	I	04-086-155				SC35P	2/3
	I	04-086-233				SD08N	2/3
	I	04-086-234				SD09N	2/3
	I	04-086-235				SC08N	2/3
	I	04-086-236				SC09N	2/3
	I	04-086-241				SC36N	2/3
	I	04-086-242				SC37N	2/3
	I	04-086-254				SC38N	2/3
	I	04-086-255				SC39N	2/3
	I	04-086-333				SD08P	2/3
	I	04-086-334				SD09P	2/3
	I	04-086-335				SC08P	2/3
	I	04-086-336				SC09P	2/3
	I	04-086-341				SC36P	2/3
	I	04-086-342				SC37P	2/3
	I	04-086-354				SC38P	2/3
	I	04-086-355				SC39P	2/3
	I	04-086-433				SD16N	2/3
	I	04-086-434				SD17N	2/3
	I	04-086-435				SC16N	2/3
	I	04-086-436				SC17N	2/3
	I	04-086-437				SD18N	2/3
	I	04-086-438				SD19N	2/3
	I	04-086-439				SC18N	2/3
	I	04-086-440				SC19N	2/3
	I	04-086-441				SC40N	2/3
	I	04-086-442				SC41N	2/3
	I	04-086-454				SC42N	2/3
	I	04-086-455				SC43N	2/3
	I	04-086-533				SD16P	2/3
	I	04-086-534				SD17P	2/3
	I	04-086-535				SC16P	2/3
	I	04-086-536				SC17P	2/3
	I	04-086-537				SD18P	2/3
	I	04-086-538				SD19P	2/3
	I	04-086-539				SC18P	2/3
	I	04-086-540				SC19P	2/3
	I	04-086-541				SC40P	2/3
	I	04-086-542				SC41P	2/3
	I	04-086-554				SC42P	2/3
	I	04-086-555				SC43P	2/3
	I	04-092-041				SC44N	2/3
	I	04-092-042				SC45N	2/3
	I	04-092-054				SC46N	2/3
	I	04-092-055				SC47N	2/3
	I	04-093-041				SC44P	2/3
	I	04-093-042				SC45P	2/3
	I	04-093-054				SC46P	2/3
	I	04-093-055				SC47P	2/3
OSC00N	I	04-086-035		8/8		SC00N	2/3
OSC00P	I	04-086-135		8/8		SC00P	2/3
OSC01N	I	04-086-036		8/8		SC01N	2/3
OSC01P	I	04-086-136		8/8		SC01P	2/3
OSC08N	IO	04-162-208		8/8		ISCYN	3/2
OSC08P	IO	04-162-308		8/8		ISCYP	3/2
OSC09N	IO	04-162-209		8/8		ISCXN	3/2
OSC09P	IO	04-162-309		8/8		ISCXP	3/2
OSD00N	I	04-086-033		8/8		SD00N	2/3

SYMBOL NO. 9 (CONT)						
SCANNER/SIGNAL DISTRIBUTOR BAY 1						
IOP BASIC UNIT						
DESIG	EOP LOC	CODE	ELEM IDENT	OPT		
-----	----	----	-----	---		
SCANS01	129-000	J1C147BD	C			
LEAD DESIG	FUNC	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OSD00P	I	04-086-133	8/8		SD00P	2/3
OSD01N	I	04-086-034	8/8		SD01N	2/3
OSD01P	I	04-086-134	8/8		SD01P	2/3
OSD08N	I	04-162-206	8/8		100SN	3/2
OSD08P	I	04-162-306	8/8		100SP	3/2
OSD09N	I	04-162-207	8/8		1R01PN	3/2
OSD09P	I	04-162-307	8/8		1R01PP	3/2
1SC04N	I	04-086-048	TO PROC SYS CKT		SC04N	2/3
1SC04P	I	04-086-148	TO PROC SYS CKT		SC04P	2/3
1SC05N	I	04-086-049	TO PROC SYS CKT		SC05N	2/3
1SC05P	I	04-086-149	TO PROC SYS CKT		SC05P	2/3
1SC10N	I	04-086-239	8/5		SC10N	2/3
1SC10P	I	04-086-339	8/5		SC10P	2/3
1SC11N	I	04-086-240	8/5		SC11N	2/3
1SC11P	I	04-086-340	8/5		SC11P	2/3
1SC12N	I	04-086-248	8/3		SC12N	2/3
1SC12P	I	04-086-348	8/3		SC12P	2/3
1SC13N	I	04-086-249	8/3		SC13N	2/3
1SC13P	I	04-086-349	8/3		SC13P	2/3
1SC14N	I	04-086-252	RESERVED FOR FUTURE APP		SC14N	2/3
1SC14P	I	04-086-352	RESERVED FOR FUTURE APP		SC14P	2/3
1SC15N	I	04-086-253	RESERVED FOR FUTURE APP		SC15N	2/3
1SC15P	I	04-086-353	RESERVED FOR FUTURE APP		SC15P	2/3
1SC20N	I	04-086-448	8/3		SC20N	2/3
1SC20P	I	04-086-548	8/3		SC20P	2/3
1SC21N	I	04-086-449	8/3		SC21N	2/3
1SC21P	I	04-086-549	8/3		SC21P	2/3
1SC22N	I	04-086-452	TO PROC SYS CKT		SC22N	2/3
1SC22P	I	04-086-552	TO PROC SYS CKT		SC22P	2/3
1SC23N	I	04-086-453	TO PROC SYS CKT		SC23N	2/3
1SC23P	I	04-086-553	TO PROC SYS CKT		SC23P	2/3
1SC24N	IO	04-092-035	8/7		SC24N	2/3
1SC24P	IO	04-093-035	8/7		SC24P	2/3
1SC25N	IO	04-092-036	8/7		SC25N	2/3
1SC25P	IO	04-093-036	8/7		SC25P	2/3
1SC26N	IO	04-092-039	TO PROC SYS CKT		SC26N	2/3
1SC26P	IO	04-093-039	TO PROC SYS CKT		SC26P	2/3
1SC27N	IO	04-092-040	TO PROC SYS CKT		SC27N	2/3
1SC27P	IO	04-093-040	TO PROC SYS CKT		SC27P	2/3
1SC28N	IO	04-092-048	8/3		SC28N	2/3
1SC28P	IO	04-093-048	8/3		SC28P	2/3
1SC29N	IO	04-092-049	8/3		SC29N	2/3
1SC29P	IO	04-093-049	8/3		SC29P	2/3
1SC30N	IO	04-092-052	8/11		SC30N	2/3
1SC30P	IO	04-093-052	8/11		SC30P	2/3
1SC31N	IO	04-092-053	8/11		SC31N	2/3
1SC31P	IO	04-093-053	8/11		SC31P	2/3

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PROCESSOR CONTROL CABINET		DWG SIZE	ISSUE
		CZ	8M
AT&T	SD-4C119-01		B8CD

PART OF FS 8 PERIPHERAL CONTROLLERS AND PORT SWITCH UNIT									
SYMBOL NO. 9 (CONT) SCANNER/SIGNAL DISTRIBUTOR BAY 1 TOP BASIC UNIT					SYMBOL NO. 10 COOLING UNIT BAY 0 COOLING UNIT				
DESIG	EQPT	LOC	CODE	ELEM	IDENT	OPT	DESIG	EQPT	LOC
SCANS01	129-000	J1C147BD	C				COOL100	020-000	ED-4C387-30
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LEAD	FUNC	TERM.
DESIG			MOD			LOC	DESIG		MOD
1SD04N	I	04-086-046		TO PROC SYS CKT		SD04N	OSC30N	I	03-110-105
1SD04P	I	04-086-146		TO PROC SYS CKT		SD04P	OSC30P	I	03-110-104
1SD05N	I	04-086-047		TO PROC SYS CKT		SD05N	OSC31N	I	03-110-004
1SD05P	I	04-086-147		TO PROC SYS CKT		SD05P	OSC31P	I	03-110-002
1SD10N	I	04-086-237		8/5		SD10N	OSD30N	I	03-110-005
1SD10P	I	04-086-337		8/5		SD10P	OSD30P	I	03-110-006
1SD11N	I	04-086-238		8/5		SD11N	OSD31N	I	03-110-102
1SD11P	I	04-086-338		8/5		SD11P	OSD31P	I	03-110-003
1SD12N	I	04-086-246		8/3		SD12N			
1SD12P	I	04-086-346		8/3		SD12P			
1SD13N	I	04-086-247		8/3		SD13N			
1SD13P	I	04-086-347		8/3		SD13P			
1SD14N	I	04-086-250		RESERVED FOR FUTURE APP		SD14N			
1SD14P	I	04-086-350		RESERVED FOR FUTURE APP		SD14P			
1SD15N	I	04-086-251		RESERVED FOR FUTURE APP		SD15N			
1SD15P	I	04-086-351		RESERVED FOR FUTURE APP		SD15P			
1SD20N	I	04-086-446		8/3		SD20N			
1SD20P	I	04-086-546		8/3		SD20P			
1SD21N	I	04-086-447		8/3		SD21N			
1SD21P	I	04-086-547		8/3		SD21P			
1SD22N	I	04-086-450		TO PROC SYS CKT		SD22N			
1SD22P	I	04-086-550		TO PROC SYS CKT		SD22P			
1SD23N	I	04-086-451		TO PROC SYS CKT		SD23N			
1SD23P	I	04-086-551		TO PROC SYS CKT		SD23P			
1SD24N	IO	04-092-033		8/7		SD24N			
1SD24P	IO	04-093-033		8/7		SD24P			
1SD25N	IO	04-092-034		8/7		SD25N			
1SD25P	IO	04-093-034		8/7		SD25P			
1SD26N	IO	04-092-037		TO PROC SYS CKT		SD26N			
1SD26P	IO	04-093-037		TO PROC SYS CKT		SD26P			
1SD27N	IO	04-092-038		TO PROC SYS CKT		SD27N			
1SD27P	IO	04-093-038		TO PROC SYS CKT		SD27P			
1SD28N	IO	04-092-046		8/3		SD28N			
1SD28P	IO	04-093-046		8/3		SD28P			
1SD29N	IO	04-092-047		8/3		SD29N			
1SD29P	IO	04-093-047		8/3		SD29P			
1SD30N	IO	04-092-050		8/11		SD30N			
1SD30P	IO	04-093-050		8/11		SD30P			
1SD31N	IO	04-092-051		8/11		SD31N			
1SD31P	IO	04-093-051		8/11		SD31P			
SYMBOL NO. 11 COOLING UNIT BAY 1 COOLING UNIT									
DESIG	EQPT	LOC	CODE	ELEM	IDENT	OPT			
COOL101	120-000		ED-4C387-30						
LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LEAD	FUNC	TERM.
DESIG			MOD			LOC	DESIG		MOD
1SC30N	I	03-110-105		8/9		SC30N	1SC30N	I	03-110-105
1SC30P	I	03-110-104		8/9		SC30P	1SC30P	I	03-110-104
1SC31N	I	03-110-004		8/9		SC31N	1SC31N	I	03-110-004
1SC31P	I	03-110-002		8/9		SC31P	1SC31P	I	03-110-002
1SD30N	I	03-110-005		8/9		SD30N	1SD30N	I	03-110-005
1SD30P	I	03-110-006		8/9		SD30P	1SD30P	I	03-110-006
1SD31N	I	03-110-102		8/9		SD31N	1SD31N	I	03-110-102
1SD31P	I	03-110-003		8/9		SD31P	1SD31P	I	03-110-003

PART OF FS9 POWER AND POWER CONTROL INTERCONNECTION AND FLOW DIAGRAM

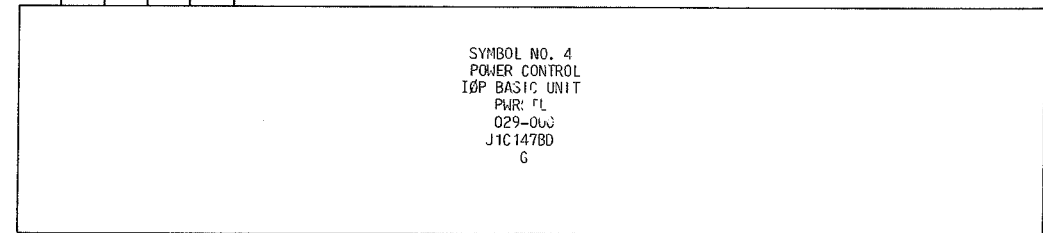
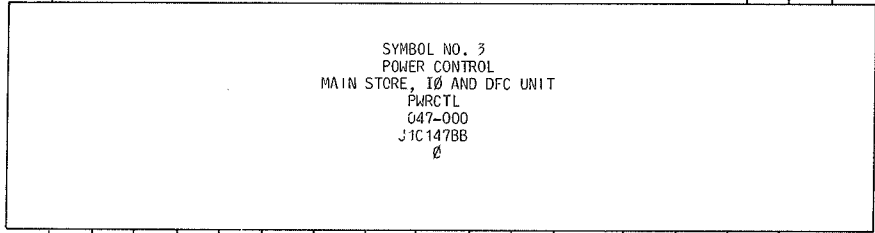


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IFD SYMBOL(S):1,2

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PROCESSOR CONTROL CABINET		DWG SIZE 6S	ISSUE 9B
AT&T	SD-4CII9-01		SHEET B9AA

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POWER AND POWER CONTROL
INTERCONNECTION AND FLOW DIAGRAM

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SD-4C119-01

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B9AB

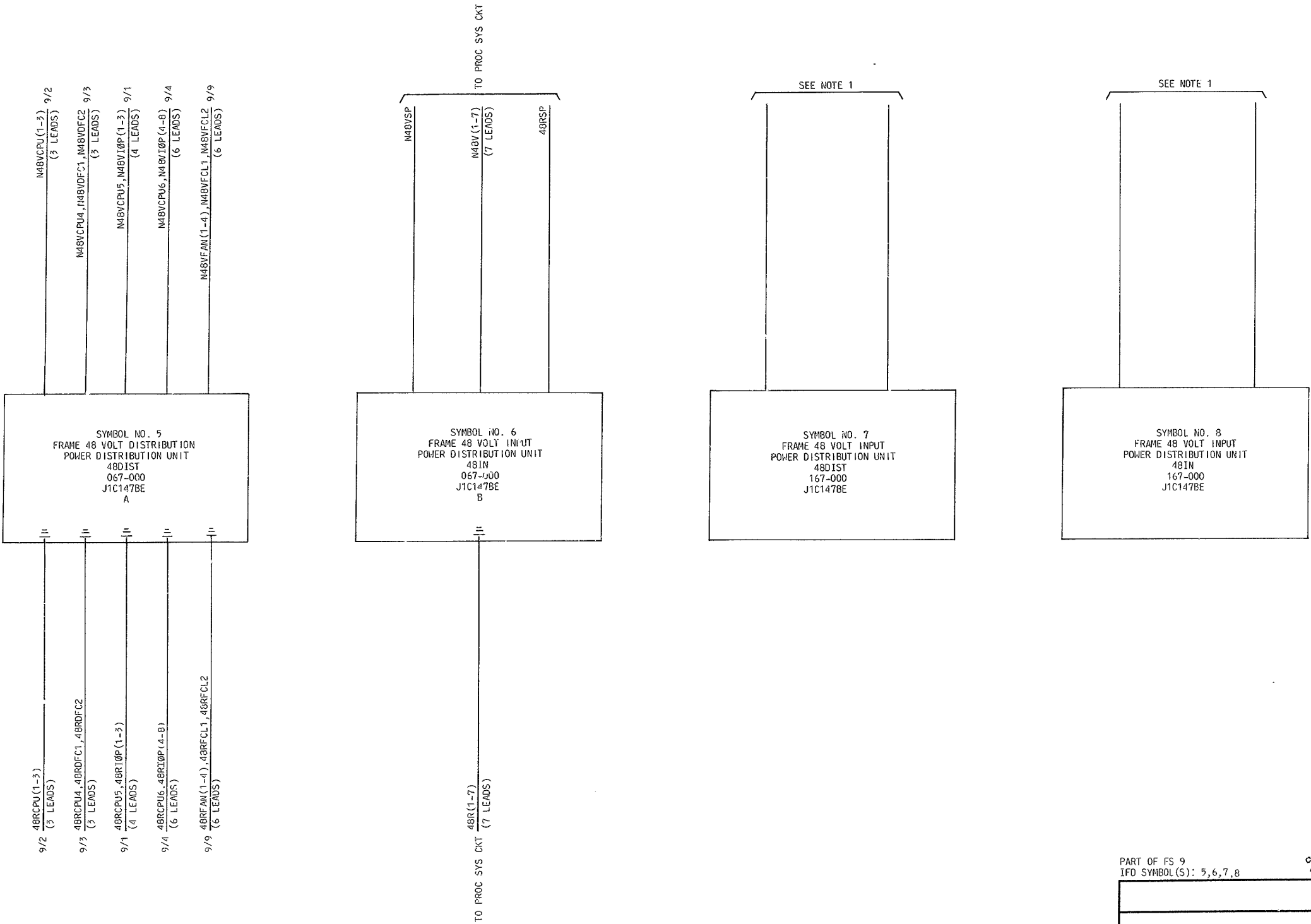
E-7421 (7-81)
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PART OF FS 9

POWER AND POWER CONTROL
INTERCONNECTION AND FLOW DIAGRAM

NOTES:

1. THE LEAD DESIGNATIONS ON SYMBOLS (7,8) ARE THE SAME
AS ON (5,6) RESPECTIVELY.



PART OF FS 9
IFD SYMBOL(S): 5,6,7,8

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PROCESSOR CONTROL CABINET

DWG SIZE
6S

ISSUE
8M

AT&T

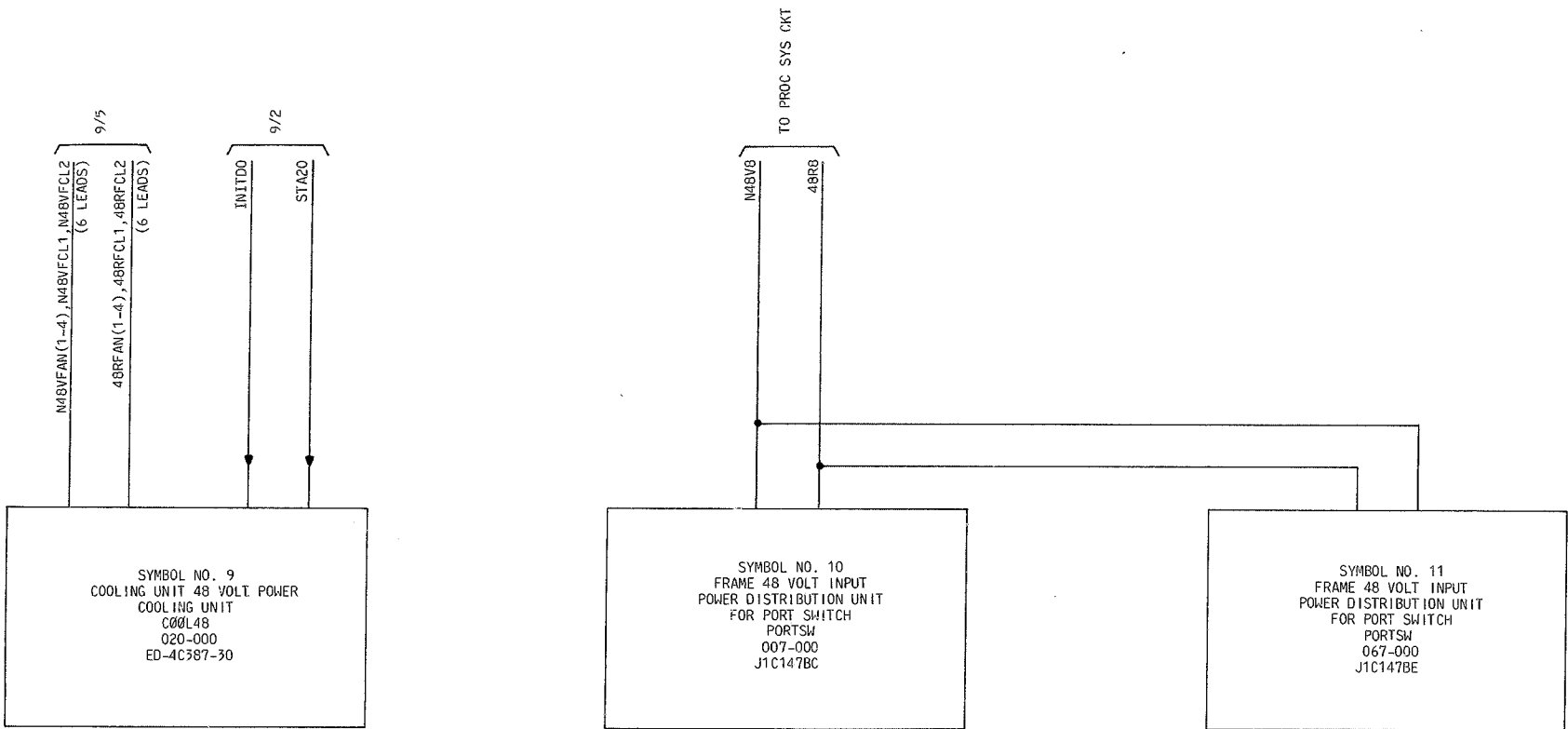
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PART OF FS 9

POWER AND POWER CONTROL
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 9
IFD SYMBOL(S): 9,10,11

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PROCESSOR CONTROL CABINET		DWG SIZE 6S	ISSUE 8M
AT&T	SD-4C119-01		SHEET B9AD

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PART OF FS 9

POWER AND POWER CONTROL

SYMBOL NO. 1

POWER CONTROL
MAIN STORE AND IOP GROWTH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCTL	038-000	J1C147BC	D	(2)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	PWR	06-013-047				P5VFB	3/2
	O	05-009B-033				GRD04016	5/1
ALRMO	OT	04-016-315		9/4		ALRMO	5/2
CCALMO	I	04-178-014		9/2		CCALMO	7/1
	I	04-178-214		9/2		CCALMO	7/1
CCINTLC	OT	04-178-213	(X)	9/3, (Y)9/4		CINTLC	7/1
CCINTLD	OT	04-178-013	(X)	(K)9/4, (X)9/4		CINTLD	7/1
CCSTN	I	04-178-114		9/2		CCSTN	7/1
	I	04-178-314		9/2		CCSTN	7/1
CCSTP	I	04-178-016		9/2		CCSTP	7/1
	I	04-178-216		9/2		CCSTP	7/1
CPMF	OT	04-088-511	(M)			CPMFA	3/1
	OT	04-096-511	(M,P)			CPMFB	3/2
	OT	04-104-511		(M)9/1, (M,P)9/1		CPMF	3/3
CPMG	OT	04-088-511	(P)	9/1		CPMFA	3/1
	I	04-178-221		9/1		CPMG	7/1
	I	04-178-021		(P)9/1, (Q)9/3 9/2, 9/3 9/4, (R)9/2		CPMG	7/1
CPPF	OT	04-088-020	(M)			CPPFA	3/1
	OT	04-096-020	(M,P)			CPPFB	3/2
CPPG	OT	04-088-020	(P)	(M)9/1, (M,P)9/1 9/1		CPPF	3/3
	I	04-178-220		9/1		CPPG	7/1
	I	04-178-020		(P)9/1, (Q)9/3 9/2, 9/3 9/4, (R)9/2		CPPG	7/1
FPWRF0	I	04-016-314		9/4		FPWRF0	5/1
GRDP5G	OT	05-009T-037	(P)	(P)9/4		GRD04016	5/1
ICALM10	OT	04-016-218		9/4		ICALM10	5/1
ICSTN	I	04-016-214		9/4		ICSTN	5/1
ICSTP	I	04-016-216		9/4		ICSTP	5/1
ILMTO	I	04-016-317		9/4		ILMTO	5/1
N48VCPUS	PWR	01-175-003		9/5		N48VCPUS	7/1
N48V1OP1	PWR	01-008T-004		9/5		N48V1OP1	5/1
N48V1OP2	PWR	02-008T-012		9/5		N48V1OP2	6/1
N48V1OP3	PWR	03-008T-020		9/5		N48V1OP3	5/2
OTO	OT	04-016-316		9/4		OTO	5/2
P5VF	PWR	06-173-044	(P)	(P)9/1		P5VF	1/1
	PWR	07-173B-049	(P)	(P)9/1		P5VFB	3/2
P5VFST	PWR	05-173-039	(H)	(H)9/1		P5VF	1/1
	PWR	06-173-044	(H)	(H)9/1		P5VF	1/1
	PWR	07-173B-049	(H)	(H)9/1		P5VFB	3/2
P5VG	PWR	07-173T-054	(H)	(H)9/1		P5VFA	3/1
	PWR	07-013-053	(P)	(P)9/4		P5VFA	3/1
	PWR	00-175-000		9/5		48RCPU5	7/1
48R1OP1	PWR	01-008B-001		9/5		48R1OP1	5/1
48R1OP2	PWR	02-008B-009		9/5		48R1OP2	4/5
48R1OP3	PWR	03-008B-017		9/5		48R1OP3	4/1

SYMBOL NO. 2

POWER CONTROL
CENTRAL PROCESSING UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCTL	056-000	J1C147BA	F	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
CCALMO	OT	04-178-014		9/3, 9/4		CCALMO	7/2
	I	04-178-114		9/1		CINTLB	7/3
CCINTLB	OT	04-178-013		9/3		CCSTN	7/1
CCSTN	O	04-178-114		9/1, 9/3 9/4		CCSTP	7/1
CCSTP	O	04-178-016		9/1, 9/3 9/4		CCSTP	7/1
CPMA	IO	04-042-238	(R,S)			CPMA	1/1
	IO	04-058-238	(R,S)			CPMAA	1/4
CPMB	OT	04-084-135	(S)			CPMB	1/10
	IO	04-050-238	(S)			CPMAB	1/3
	IO	04-124-444	(R)			CPMBA	2/1
	OT	04-138-143	(R)	(S)9/2 (R)9/2		CPMB	1/10
CPMG	I	04-050-238	(R)	9/1		CPMAB	1/3
	IO	04-130-444	(R)	9/1		CPMBB	2/2
CPPA	I	04-178-021		9/1		CPMG	7/3
	IO	04-042-040	(R,S)			CPPA	1/1
	IO	04-058-040	(R,S)			CPPAA	1/4
CPPB	OT	04-084-036	(S)			CPPB	1/10
	IO	04-050-040	(S)			CPPAB	1/3
	IO	04-124-244	(R)			CPPBA	2/1
CPPG	OT	04-138-044	(R)	(S)9/2		CPPB	1/10
	IO	04-050-040	(R)	9/1		CPPAB	1/3
	IO	04-130-244	(R)	9/1		CPPBB	2/2
GRDP5G	I	04-178-020		9/1		CPPG	7/3
GRDP5GA	GRD	03-009-018	(R)	9/1		GRD04016	7/2
	GRD	02-009-012	(R)	(R)9/4		GRD04016	7/2
INITD0	I	04-178-311		9/3, 9/4 9/9		INITD0	7/1
MJ	IO	04-178-310		9/2		MJ	7/1
	IO	04-178-318		9/2		MJ	7/1
	IO	04-178-321		9/3, 9/4 TO PROC SYS CKT & BAY (1)		MJ	7/1
MJR	IO	04-178-210		9/2 TO PROC SYS CKT & BAY (1)		MJR	7/1
	IO	04-178-221		9/2		MJR	7/1
N48VCPU1	IO	04-178-218		9/3, 9/4		MJR	7/1
N48VCPU2	PWR	01-008T-005		9/5		N48VCPU1	7/2
	PWR	01-176T-005		9/5		N48VCPU2	7/3
N48VCPU3	IO	01-168T-005		9/5		N48VCPU3	7/1
PA	IO	04-178-309		9/2		PA	7/1
	IO	04-178-319		9/2		PA	7/1
	IO	04-178-316		9/3, 9/4 TO PROC SYS CKT & BAY (1)		PA	7/1
PAR	IO	04-178-209		9/2 TO PROC SYS CKT & BAY (1)		PAR	7/1
	IO	04-178-216		9/2		PAR	7/1
P5VAA	IO	04-178-219		9/3, 9/4		PAR	7/1
	PWR	07-013T-054	(R)			P5VA	1/1
	PWR	06-013-044	(R,S)	(R,S)9/2		P5VAA	1/4
P5VAB	PWR	07-013B-049	(R,S)	(R,S)9/2		P5VA	1/1
	PWR	05-013B-029	(S)	(S)9/2		P5VBB	2/2
	PWR	05-013C-034	(S)	(S)9/2		P5VBA	2/1
P5VBA	PWR	05-013T-039	(S)	(S)9/2		P5VAB	1/3
	PWR	07-173T-054	(R)			P5VB	1/8
	PWR	06-173-043	(R,T)	(R,T)9/2		P5VBA	2/1
P5VBB	PWR	07-173B-049	(R,T)	(R,T)9/2		P5VB	1/8
	PWR	05-013B-029	(T)	(T)9/2		P5VBB	2/2
	PWR	05-173-038	(S)	(S)9/2		P5VBB	2/2

SYMBOL NO. 2 (CONT)

POWER CONTROL
CENTRAL PROCESSING UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCTL	056-000	J1C147BA	F	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	PWR	06-173-043	(S)	(S)9/2		P5VBA	2/1
	PWR	07-013B-049	(T)	(T)9/2		P5VA	1/1
	PWR	07-173B-049	(S)	(S)9/2		P5VB	1/8
P5VG	PWR	05-013T-039	(R)	(R)9/4		P5VAB	1/3
P5VGA	PWR	05-013B-029	(R)	(R)9/4		P5VBB	2/2
STA20	OT	04-178-211		9/3, 9/4 9/9		STA20	7/1
48RCPU1	PWR	01-008B-001		9/5		48RCPU1	7/2
48RCPU2	PWR	01-176B-001		9/5		48RCPU2	7/3
48RCPU3	I	01-168B-001		9/5		48RCPU3	7/1

SYMBOL NO. 3

POWER CONTROL
MAIN STORE, IO AND DFC UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PWRCTL	047-000	J1C147BB	O	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
CCALMO	OT	04-178-014		9/2		CCALMO	12/1
	OT	04-178-214		9/2		CCALMO	12/1
CCINTLB	OT	04-178-213		9/2		CCINTLB	12/1
CCINTLC	OT	04-178-013		9/1		CCINTLC	12/1
	I	04-178-114		9/2		CCSTN	12/1
	I	04-178-314		9/2		CCSTN	12/1
CCSTP	I	04-178-016		9/2		CCSTP	12/1
	I	04-178-216		9/2		CCSTP	12/1
CPMD	OT	04-080-511	(N)			CPMDA	8/2
	IO	04-088-413	(N)			CPMDB	8/1
	OT	04-096-413	(N)	(N)9/3		CPMD	8/3
CPMG	OT	04-080-511	(Q)	9/1		CPMDA	8/2
	IO	04-088-413	(Q)	9/1		CPMDB	8/1
	I	04-178-021		9/1		CPMG	12/1
	I	04-178-221		9/1		CPMG	12/1
CPPD	OT	04-080-020	(N)			CPPDA	8/2
	IO	04-088-313	(N)	(N)9/3		CPPDB	8/1
	OT	04-096-313				CPPD	8/3
CPPG	OT	04-080-020	(Q)	9/1		CPPDA	8/2
	IO	04-088-313	(Q)	9/1		CPPDB	8/1
	I	04-178-020		9/1		CPPG	12/1
GRDP5G	I	04-178-220		9/1		CPPG	12/1
GRDP5GA	OT	06-009-041	(Q)	(Q)9/4		GRD04016	1/1
	OT	05-009-035	(Q)	(Q)9/4		GRD04016	1/1
INITD0	I	04-178-311		9/2		INITD0	1/2
MJ	IO	04-178-310		9/2		MJ	1/2
MJR	IO	04-178-210		9/2		MJR	1/2

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POWER AND POWER CONTROL

SYMBOL NO. 3 (CONT)

POWER CONTROL
MAIN STORE, IO AND DFC UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PWRCTL	047-000	J1C147BB	0	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
N48VCPU4	PWR	01-175-004		9/5		N48VCPU4	12/1
N48VDFC1	PWR	01-008-004		9/5		N48VDFC1	1/1
N48VDFC2	IO	02-008T-014		9/5		N48VDFC2	1/2
PA	IO	04-178-309		9/2		PA	1/2
PAR	IO	04-178-209		9/2		PAR	1/2
P5VDST	PWR	05-173-039	(J)	(J)9/3		P5VDB	8/1
	PWR	06-173-044	(J)	(J)9/3		P5VDA	8/2
	PWR	07-173B-049	(J)	(J)9/3		P5VD	9/1
	PWR	07-173T-054	(J)	(J)9/3		P5VD	9/1
P5VG	PWR	07-013T-054	(Q)	(Q)9/4		P5VDA	8/2
P5VGA	PWR	07-013B-049	(Q)	(Q)9/4		P5VDB	8/1
STA20	OT	04-178-211		9/2		STA20	1/2
48RCPU4	PWR	00-175-000		9/5		48RCPU4	12/1
48RDFC1	PWR	00-008-000		9/5		48RDFC1	1/1
48RDFC2	I	02-008B-010		9/5		48RDFC2	1/2

SYMBOL NO. 4

POWER CONTROL
IOP BASIC UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PWRCTL	029-000	J1C147BD	G	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	O	03-009-027				GRD04016	6/1
	O	05-014B-032				GRD04016	6/1
ALRMO	OT	04-016-315		9/1		ALRMO	3/3
CCALMO	OT	04-178-214		9/2		CCALMO	6/1
CCINTLC	OT	04-178-213	(Y)	9/1		CCINTLD	6/1
CCINTLD	OT	04-016-012	(K)	9/1		GRD04016	
	OT	04-016-112	(K)	9/1		CCINTLD	6/1
	OT	04-178-213	(X)	9/1		CCINTLD	6/1
CCSTN	I	04-178-314		9/2		CCSTN	3/1
CCSTP	I	04-178-216		9/2		CCSTP	3/1
CPMG	I	04-178-221		9/1		CPMG	3/1
CPPG	I	04-178-220		9/1		CPPG	3/1
FPWRF0	O	04-016-314		9/1		FPWRF0	1/6
GRDP5G	OT	03-014-027	(P)	(P)9/1		GRD04016	6/1
	O	05-009T-037	(R)	(R)9/2		GRD04016	6/1
	OT	05-014T-037	(Q)	(Q)9/3		GRD04016	6/1
	OT	05-009B-032	(Q)	(Q)9/3		GRD04016	6/1
	O	05-014T-037	(R)	(R)9/2		GRD04016	6/1
ICALM10	OT	04-016-218		9/1		ICALM10	3/5
ICSTN	O	04-016-214		9/1		ICSTN	3/2
ICSTP	O	04-016-216		9/1		ICSTP	3/2
ILMT0	O	04-016-317		9/1		ILMT0	3/2
INITD0	I	04-178-311		9/2		INITD0	3/2
MJ	I	04-178-310		9/2		MJ	3/1
MJR	I	04-178-210		9/2		MJR	3/1
N48VCPU6	PWR	01-013T-005		9/5		N48VCPU6	6/1
N48VIOP4	PWR	03-007T-022		9/5		N48VIOP4	3/4
N48VIOP5	PWR	01-007T-005		9/5		N48VIOP5	3/5
N48VIOP6	PWR	01-175T-005		9/5		N48VIOP6	3/1
N48VIOP7	IO	01-169T-005		9/5		N48VIOP7	3/2

SYMBOL NO. 4 (CONT)

POWER CONTROL
IOP BASIC UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
PWRCTL	029-000	J1C147BD	G	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
N48VIOP8	PWR	02-007T-014		9/5		N48VIOP8	3/3
OT0	OT	04-016-316		9/1		OT0	3/3
PA	I	04-178-309		9/2		PA	3/1
PAR	I	04-178-209		9/2		PAR	3/1
P5VG	PWR	06-014T-047	(P)	(P)9/1		P5VG	6/1
	PWR	07-009-052	(R)	(R)9/2		P5VG	6/1
P5VGA	PWR	07-014-052	(Q)	(Q)9/3		P5VG	6/1
	PWR	06-009T-047	(Q)	(Q)9/3		P5VG	6/1
	PWR	07-014-052	(R)	(R)9/2		P5VG	6/1
STA20	OT	04-178-211		9/2		STA20	3/2
48RCPU6	PWR	01-013B-001		9/5		48RCPU6	6/1
48RIOP4	PWR	03-007B-018		9/5		48RIOP4	2/5
48RIOP5	PWR	01-007B-001		9/5		48RIOP5	3/5
48RIOP6	PWR	01-175B-001		9/5		48RIOP6	3/1
48RIOP7	I	01-169B-001		9/5		48RIOP7	3/2
48RIOP8	PWR	02-007B-010		9/5		48RIOP8	2/1

SYMBOL NO. 5

FRAME 48 VOLT DISTRIBUTION
POWER DISTRIBUTION UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
48DIST	067-000	J1C147BE	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
N48VCPU1	PWR	01-072-9R		9/2		N48VCPU1	1/6
N48VCPU2	PWR	01-072-11R		9/2		N48VCPU2	1/6
N48VCPU3	PWR	01-116-1R		9/2		N48VCPU3	1/8
N48VCPU4	PWR	01-116-3R		9/3		N48VCPU4	1/9
N48VCPU5	PWR	01-116-5R		9/1		N48VCPU5	1/9
N48VCPU6	PWR	01-116-7R		9/4		N48VCPU6	1/9
N48VDFC1	PWR	01-072-1R		9/3		N48VDFC1	1/5
N48VDFC2	PWR	01-072-3R		9/3		N48VDFC2	1/5
N48VFAN1	PWR	01-028-1R		9/9		N48VFAN1	1/2
N48VFAN2	PWR	01-028-3R		9/9		N48VFAN2	1/2
N48VFAN3	PWR	01-028-5R		9/9		N48VFAN3	1/2
N48VFAN4	PWR	01-028-7R		9/9		N48VFAN4	1/2
N48VFCL1	PWR	01-028-9R		9/9		N48VFCL1	1/3
N48VFCL2	PWR	01-028-11R		9/9		N48VFCL2	1/3
N48VIOP1	PWR	01-116-9R		9/1		N48VIOP1	1/9
N48VIOP2	PWR	01-116-11R		9/1		N48VIOP2	1/9
N48VIOP3	PWR	01-160-1R		9/1		N48VIOP3	1/16
N48VIOP4	PWR	01-160-3R		9/4		N48VIOP4	1/16
N48VIOP5	PWR	01-160-5R		9/4		N48VIOP5	1/16
N48VIOP6	PWR	01-160-7R		9/4		N48VIOP6	1/16
N48VIOP7	PWR	01-160-9R		9/4		N48VIOP7	1/16
N48VIOP8	PWR	01-160-11R		9/4		N48VIOP8	1/16
48RCPU1	GRD	01-072-10R		9/2		48RCPU1	1/6
48RCPU2	GRD	01-072-12R		9/2		48RCPU2	1/6
48RCPU3	GRD	01-116-2R		9/2		48RCPU3	1/9
48RCPU4	GRD	01-116-4R		9/3		48RCPU4	1/9
48RCPU5	GRD	01-116-6R		9/1		48RCPU5	1/9
48RCPU6	GRD	01-116-8R		9/4		48RCPU6	1/9
48RDFC1	GRD	01-072-2R		9/3		48RDFC1	1/6
48RDFC2	GRD	01-072-4R		9/3		48RDFC2	1/6

SYMBOL NO. 5 (CONT)

FRAME 48 VOLT DISTRIBUTION
POWER DISTRIBUTION UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
48DIST	067-000	J1C147BE	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
48RFAN1	GRD	01-028-2R		9/9		48RFAN1	1/3
48RFAN2	GRD	01-028-4R		9/9		48RFAN2	1/3
48RFAN3	GRD	01-028-6R		9/9		48RFAN3	1/3
48RFAN4	GRD	01-028-8R		9/9		48RFAN4	1/3
48RFCL1	GRD	01-028-10R		9/9		48RFCL1	1/3
48RFCL2	GRD	01-028-12R		9/9		48RFCL2	1/3
48RIOP1	GRD	01-116-10R		9/1		48RIOP1	1/9
48RIOP2	GRD	01-116-12R		9/1		48RIOP2	1/9
48RIOP3	GRD	01-160-2R		9/1		48RIOP3	1/16
48RIOP4	GRD	01-160-4R		9/4		48RIOP4	1/16
48RIOP5	GRD	01-160-6R		9/4		48RIOP5	1/16
48RIOP6	GRD	01-160-8R		9/4		48RIOP6	1/16
48RIOP7	GRD	01-160-10R		9/4		48RIOP7	1/16
48RIOP8	GRD	01-160-12R		9/4		48RIOP8	1/16

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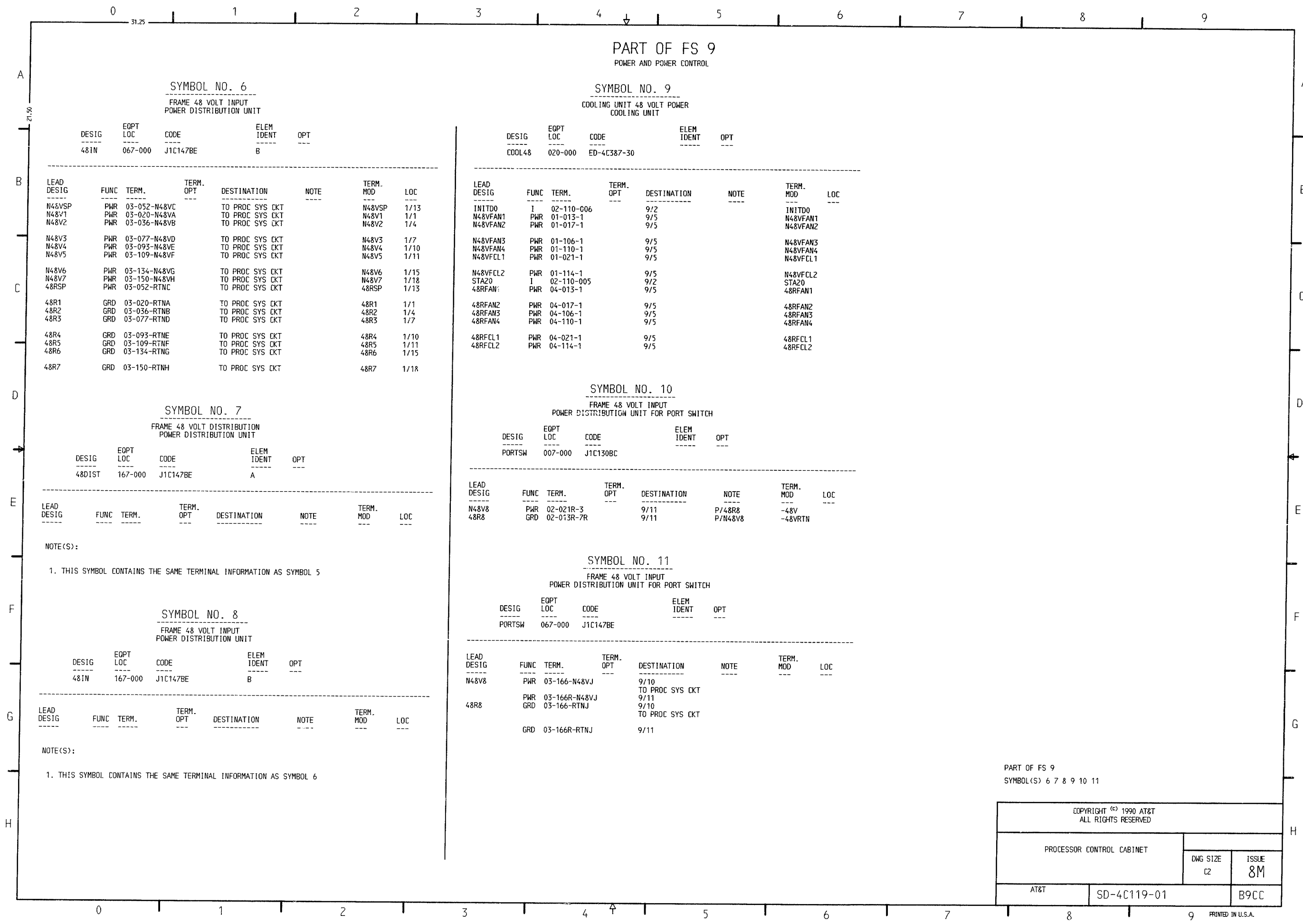
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POWER AND POWER CONTROL

SYMBOL NO. 9
COOLING UNIT 48 VOLT POWER
COOLING UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
COOL48	020-000	ED-4C387-30		

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
INITD0	I	02-110-G06		9/2		INITD0	
N48VFAN1	PWR	01-013-1		9/5		N48VFAN1	
N48VFAN2	PWR	01-017-1		9/5		N48VFAN2	
N48VFAN3	PWR	01-106-1		9/5		N48VFAN3	
N48VFAN4	PWR	01-110-1		9/5		N48VFAN4	
N48VFCL1	PWR	01-021-1		9/5		N48VFCL1	
N48VFCL2	PWR	01-114-1		9/5		N48VFCL2	
STAZ0	I	02-110-005		9/2		STAZ0	
48RFAN1	PWR	04-013-1		9/5		48RFAN1	
48RFAN2	PWR	04-017-1		9/5		48RFAN2	
48RFAN3	PWR	04-106-1		9/5		48RFAN3	
48RFAN4	PWR	04-110-1		9/5		48RFAN4	
48RFCL1	PWR	04-021-1		9/5		48RFCL1	
48RFCL2	PWR	04-114-1		9/5		48RFCL2	

SYMBOL NO. 10
FRAME 48 VOLT INPUT
POWER DISTRIBUTION UNIT FOR PORT SWITCH

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PORTSW	007-000	J1C1308C		

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
N48V8	PWR	02-021R-3		9/11	P/48R8	-48V	
48R8	GRD	02-013R-7R		9/11	P/N48V8	-48VRTN	

SYMBOL NO. 11
FRAME 48 VOLT INPUT
POWER DISTRIBUTION UNIT FOR PORT SWITCH

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
PORTSW	067-000	J1C147BE		

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
N48V8	PWR	03-166-N48VJ		9/10	TO PROC SYS CKT		
48R8	PWR	03-166R-N48VJ		9/11			
	GRD	03-166-RTNJ		9/10	TO PROC SYS CKT		
	GRD	03-166R-RTNJ		9/11			

SYMBOL NO. 6

FRAME 48 VOLT INPUT
POWER DISTRIBUTION UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
48IN	067-000	J1C147BE	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
N48VSP	PWR	03-052-N48VC		TO PROC SYS CKT		N48VSP	1/13
N48V1	PWR	03-020-N48VA		TO PROC SYS CKT		N48V1	1/1
N48V2	PWR	03-036-N48VB		TO PROC SYS CKT		N48V2	1/4
N48V3	PWR	03-077-N48VD		TO PROC SYS CKT		N48V3	1/7
N48V4	PWR	03-093-N48VE		TO PROC SYS CKT		N48V4	1/10
N48V5	PWR	03-109-N48VF		TO PROC SYS CKT		N48V5	1/11
N48V6	PWR	03-134-N48VG		TO PROC SYS CKT		N48V6	1/15
N48V7	PWR	03-150-N48VH		TO PROC SYS CKT		N48V7	1/18
48RSP	PWR	03-052-RTNC		TO PROC SYS CKT		48RSP	1/13
48R1	GRD	03-020-RTNA		TO PROC SYS CKT		48R1	1/1
48R2	GRD	03-036-RTNB		TO PROC SYS CKT		48R2	1/4
48R3	GRD	03-077-RTND		TO PROC SYS CKT		48R3	1/7
48R4	GRD	03-093-RTNE		TO PROC SYS CKT		48R4	1/10
48R5	GRD	03-109-RTNF		TO PROC SYS CKT		48R5	1/11
48R6	GRD	03-134-RTNG		TO PROC SYS CKT		48R6	1/15
48R7	GRD	03-150-RTNH		TO PROC SYS CKT		48R7	1/18

SYMBOL NO. 7

FRAME 48 VOLT DISTRIBUTION
POWER DISTRIBUTION UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
48DIST	167-000	J1C147BE	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
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NOTE(S):

1. THIS SYMBOL CONTAINS THE SAME TERMINAL INFORMATION AS SYMBOL 5

SYMBOL NO. 8

FRAME 48 VOLT INPUT
POWER DISTRIBUTION UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
48IN	167-000	J1C147BE	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
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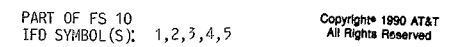
NOTE(S):

1. THIS SYMBOL CONTAINS THE SAME TERMINAL INFORMATION AS SYMBOL 6

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SYMBOL(S) 6 7 8 9 10 11

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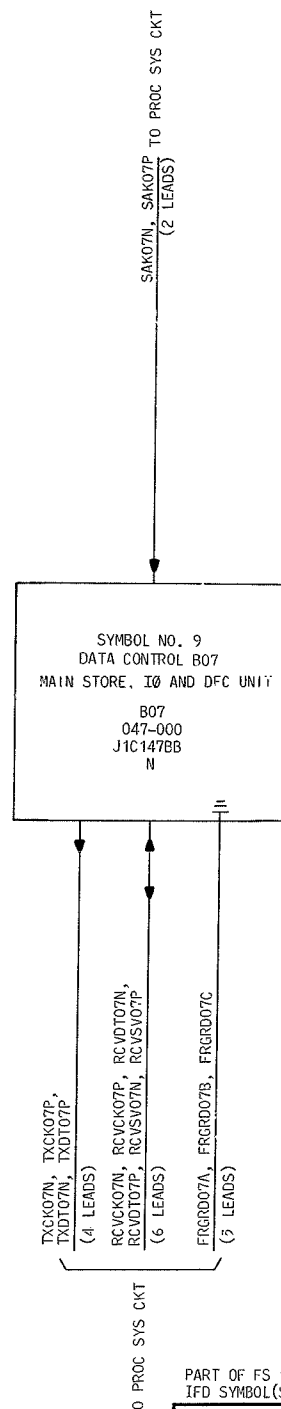
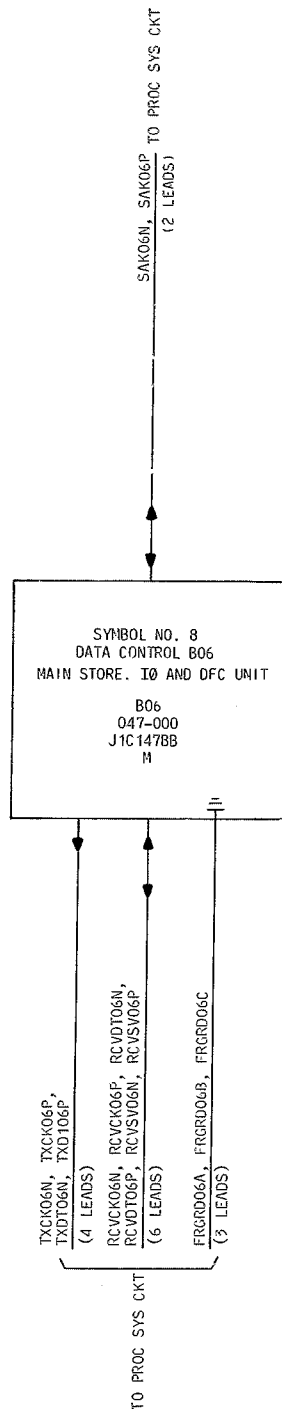
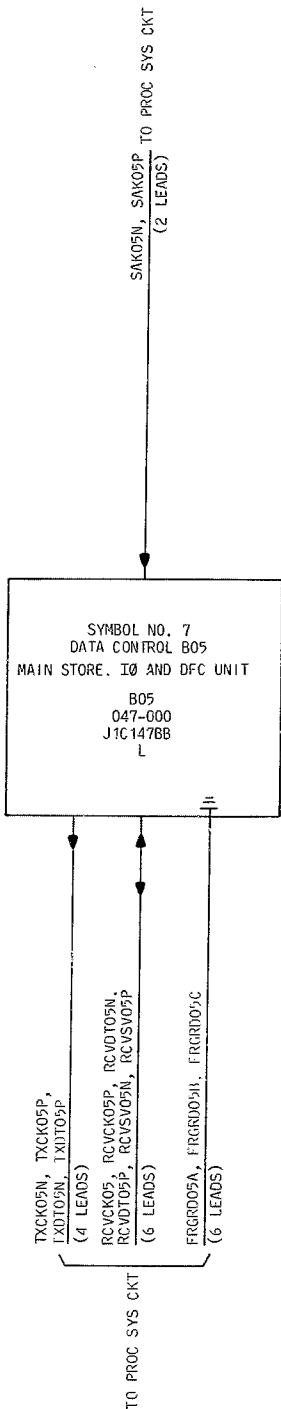
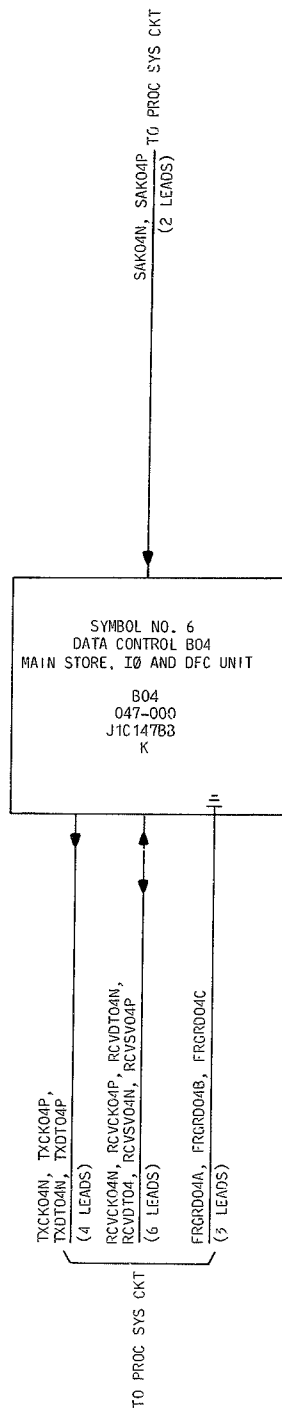


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PDI AND DFCI INTERFACE
INTERCONNECTION AND FLOW DIAGRAM



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PDI AND DFCI INTERFACE

SYMBOL NO. 1

CONTROL A0
MAIN STORE, IO AND DFC UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
A0	047-000	J1C147BB	F	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
FRGRDA0	GRD	04-044-424				GRD04044	4/1
	GRD	04-044-432				GRD04044	4/1
	GRD	04-044-524		TO PROC SYS CKT		GRD04044	4/1
	GRD	04-044-532				GRD04044	4/1
RFLTIN	I	04-044-439		TO PROC SYS CKT		RFLTIN	4/1
RFLTP	I	04-044-539		TO PROC SYS CKT		RFLTP	4/1
RHDUNLN	I	04-044-423		TO PROC SYS CKT		RHDUNLN	4/1
RHDUNLP	I	04-044-523		TO PROC SYS CKT		RHDUNLP	4/1
RHTMPN	I	04-044-437		TO PROC SYS CKT		RHTMPN	4/1
RHTMPP	I	04-044-537		TO PROC SYS CKT		RHTMPP	4/1
RINDXN	I	04-044-433		TO PROC SYS CKT		RINDXN	4/1
RINDXP	I	04-044-533		TO PROC SYS CKT		RINDXP	4/1
RONCYLN	I	04-044-436		TO PROC SYS CKT		RONCYLN	4/1
RONCYLP	I	04-044-536		TO PROC SYS CKT		RONCYLP	4/1
RSECMN	I	04-044-434		TO PROC SYS CKT		RSECMN	4/1
RSECMPP	I	04-044-534		TO PROC SYS CKT		RSECMPP	4/1
RSKERN	I	04-044-438		TO PROC SYS CKT		RSKERN	4/1
RSKERP	I	04-044-538		TO PROC SYS CKT		RSKERP	4/1
RURDYN	I	04-044-435		TO PROC SYS CKT		RURDYN	4/1
RURDYP	I	04-044-535		TO PROC SYS CKT		RURDYP	4/1
TXCAENN	O	04-044-420		TO PROC SYS CKT		TXCAENN	4/1
TXCAENP	O	04-044-520		TO PROC SYS CKT		TXCAENP	4/1
TXCMD00N	O	04-044-408		TO PROC SYS CKT		TXCMD00N	4/1
TXCMD00P	O	04-044-508		TO PROC SYS CKT		TXCMD00P	4/1
TXCMD01N	O	04-044-409		TO PROC SYS CKT		TXCMD01N	4/1
TXCMD01P	O	04-044-509		TO PROC SYS CKT		TXCMD01P	4/1
TXCMD02N	O	04-044-410		TO PROC SYS CKT		TXCMD02N	4/1
TXCMD02P	O	04-044-510		TO PROC SYS CKT		TXCMD02P	4/1
TXCMD03N	O	04-044-411		TO PROC SYS CKT		TXCMD03N	4/1
TXCMD03P	O	04-044-511		TO PROC SYS CKT		TXCMD03P	4/1
TXCMD04N	O	04-044-413		TO PROC SYS CKT		TXCMD04N	4/1
TXCMD04P	O	04-044-513		TO PROC SYS CKT		TXCMD04P	4/1
TXCMD05N	O	04-044-414		TO PROC SYS CKT		TXCMD05N	4/1
TXCMD05P	O	04-044-514		TO PROC SYS CKT		TXCMD05P	4/1
TXCMD06N	O	04-044-415		TO PROC SYS CKT		TXCMD06N	4/1
TXCMD06P	O	04-044-515		TO PROC SYS CKT		TXCMD06P	4/1
TXCMD07N	O	04-044-416		TO PROC SYS CKT		TXCMD07N	4/1
TXCMD07P	O	04-044-516		TO PROC SYS CKT		TXCMD07P	4/1
TXCMD08N	O	04-044-417		TO PROC SYS CKT		TXCMD08N	4/1
TXCMD08P	O	04-044-517		TO PROC SYS CKT		TXCMD08P	4/1
TXCMD09N	O	04-044-418		TO PROC SYS CKT		TXCMD09N	4/1
TXCMD09P	O	04-044-518		TO PROC SYS CKT		TXCMD09P	4/1
TXTAG0N	O	04-044-405		TO PROC SYS CKT		TXTAG0N	4/1
TXTAG0P	O	04-044-505		TO PROC SYS CKT		TXTAG0P	4/1
TXTAG1N	O	04-044-406		TO PROC SYS CKT		TXTAG1N	4/1
TXTAG1P	O	04-044-506		TO PROC SYS CKT		TXTAG1P	4/1
TXTAG2N	O	04-044-407		TO PROC SYS CKT		TXTAG2N	4/1
TXTAG2P	O	04-044-507		TO PROC SYS CKT		TXTAG2P	4/1
TXUSSTBN	O	04-044-400		TO PROC SYS CKT		TXUSSTBN	4/1
TXUSSTBP	O	04-044-500		TO PROC SYS CKT		TXUSSTBP	4/1
TXUS0N	O	04-044-401		TO PROC SYS CKT		TXUS0N	4/1
TXUS0P	O	04-044-501		TO PROC SYS CKT		TXUS0P	4/1
TXUS1N	O	04-044-402		TO PROC SYS CKT		TXUS1N	4/1
TXUS1P	O	04-044-502		TO PROC SYS CKT		TXUS1P	4/1
TXUS2N	O	04-044-403		TO PROC SYS CKT		TXUS2N	4/1
TXUS2P	O	04-044-503		TO PROC SYS CKT		TXUS2P	4/1
TXUS3N	O	04-044-404		TO PROC SYS CKT		TXUS3N	4/1
TXUS3P	O	04-044-504		TO PROC SYS CKT		TXUS3P	4/1

SYMBOL NO. 2

DATA CONTROL B00
MAIN STORE, IO AND DFC UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
B00	047-000	J1C147BB	G	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
FRGRD00A	GRD	04-064-416				GRD04064	7/1
	GRD	04-064-516		TO PROC SYS CKT		GRD04064	7/1
FRGRD00B	GRD	04-064-424				GRD04064	7/1
	GRD	04-064-517		TO PROC SYS CKT		GRD04064	7/1
FRGRD00C	GRD	04-064-417				GRD04064	7/1
	GRD	04-064-524		TO PROC SYS CKT		GRD04064	7/1
RCVCK00N	IO	04-064-423		TO PROC SYS CKT		RCVCK00N	7/1
RCVCK00P	IO	04-064-523		TO PROC SYS CKT		RCVCK00P	7/1
RCVDT00N	IO	04-064-422		TO PROC SYS CKT		RCVDT00N	7/1
RCVDT00P	IO	04-064-522		TO PROC SYS CKT		RCVDT00P	7/1
RCVSV00N	IO	04-064-421		TO PROC SYS CKT		RCVSV00N	7/1
RCVSV00P	IO	04-064-521		TO PROC SYS CKT		RCVSV00P	7/1
SAK00N	I	04-064-420		TO PROC SYS CKT		SAK00N	7/1
SAK00P	I	04-064-520		TO PROC SYS CKT		SAK00P	7/1
TXCK00N	O	04-064-419		TO PROC SYS CKT		TXCK00N	7/1
TXCK00P	O	04-064-519		TO PROC SYS CKT		TXCK00P	7/1
TXDT00N	O	04-064-418		TO PROC SYS CKT		TXDT00N	7/1
TXDT00P	O	04-064-518		TO PROC SYS CKT		TXDT00P	7/1

SYMBOL NO. 3

DATA CONTROL B01
MAIN STORE, IO AND DFC UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
B01	047-000	J1C147BB	H	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
FRGRD01A	GRD	04-064-432				GRD04064	7/1
	GRD	04-064-532		TO PROC SYS CKT		GRD04064	7/1
FRGRD01B	GRD	04-064-440				GRD04064	7/1
	GRD	04-064-539		TO PROC SYS CKT		GRD04064	7/1
FRGRD01C	GRD	04-064-439		TO PROC SYS CKT		GRD04064	7/1
	GRD	04-064-540		TO PROC SYS CKT		GRD04064	7/1
RCVCK01N	IO	04-064-438		TO PROC SYS CKT		RCVCK01N	7/1
RCVCK01P	IO	04-064-538		TO PROC SYS CKT		RCVCK01P	7/1
RCVDT01N	IO	04-064-437		TO PROC SYS CKT		RCVDT01N	7/1
RCVDT01P	IO	04-064-537		TO PROC SYS CKT		RCVDT01P	7/1
RCVSV01N	IO	04-064-436		TO PROC SYS CKT		RCVSV01N	7/1
RCVSV01P	IO	04-064-536		TO PROC SYS CKT		RCVSV01P	7/1
SAK01N	I	04-064-435		TO PROC SYS CKT		SAK01N	7/1
SAK01P	I	04-064-535		TO PROC SYS CKT		SAK01P	7/1
TXCK01N	O	04-064-434		TO PROC SYS CKT		TXCK01N	7/1
TXCK01P	O	04-064-534		TO PROC SYS CKT		TXCK01P	7/1
TXDT01N	O	04-064-433		TO PROC SYS CKT		TXDT01N	7/1
TXDT01P	O	04-064-533		TO PROC SYS CKT		TXDT01P	7/1

SYMBOL NO. 4

DATA CONTROL B02
MAIN STORE, IO AND DFC UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
B02	047-000	J1C147BB	I	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
FRGRD02A	GRD	04-064-400				GRD04064	7/1
	GRD	04-064-500		TO PROC SYS CKT		GRD04064	7/1
FRGRD02B	GRD	04-064-408				GRD04064	7/1
	GRD	04-064-507		TO PROC SYS CKT		GRD04064	7/1
FRGRD02C	GRD	04-064-407		TO PROC SYS CKT		GRD04064	7/1
	GRD	04-064-508		TO PROC SYS CKT		GRD04064	7/1
RCVCK02N	IO	04-064-406		TO PROC SYS CKT		RCVCK02N	7/1
RCVCK02P	IO	04-064-506		TO PROC SYS CKT		RCVCK02P	7/1
RCVDT02N	IO	04-064-405		TO PROC SYS CKT		RCVDT02N	7/1
RCVDT02P	IO	04-064-505		TO PROC SYS CKT		RCVDT02P	7/1
RCVSV02N	IO	04-064-404		TO PROC SYS CKT		RCVSV02N	7/1
RCVSV02P	IO	04-064-504		TO PROC SYS CKT		RCVSV02P	7/1
SAK02N	I	04-064-403		TO PROC SYS CKT		SAK02N	7/1
SAK02P	I	04-064-503		TO PROC SYS CKT		SAK02P	7/1
TXCK02N	O	04-064-402		TO PROC SYS CKT		TXCK02N	7/1
TXCK02P	O	04-064-502		TO PROC SYS CKT		TXCK02P	7/1
TXDT02N	O	04-064-401		TO PROC SYS CKT		TXDT02N	7/1
TXDT02P	O	04-064-501		TO PROC SYS CKT		TXDT02P	7/1

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PROCESSOR CONTROL CABINET

DWG SIZE
C2ISSUE
8M

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B10CA

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PART OF FS 10
PDI AND DFCI INTERFACE

SYMBOL NO. 5

DATA CONTROL B03
MAIN STORE, IO AND DFC UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
B03	047-000	J1C147BB	J	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
FRGRD03A	GRD	04-064-448				GRD04064	7/1
FRGRD03B	GRD	04-064-548		TO PROC SYS CKT		GRD04064	7/1
FRGRD03B	GRD	04-064-456				GRD04064	7/1
FRGRD03C	GRD	04-064-549		TO PROC SYS CKT		GRD04064	7/1
FRGRD03C	GRD	04-064-449				GRD04064	7/1
FRGRD03C	GRD	04-064-556		TO PROC SYS CKT		GRD04064	7/1
RCVCK03N	IO	04-064-455		TO PROC SYS CKT		RCVCK03N	7/1
RCVCK03P	IO	04-064-555		TO PROC SYS CKT		RCVCK03P	7/1
RCVDT03N	IO	04-064-454		TO PROC SYS CKT		RCVDT03N	7/1
RCVDT03P	IO	04-064-554		TO PROC SYS CKT		RCVDT03P	7/1
RCVSV03N	IO	04-064-453		TO PROC SYS CKT		RCVSV03N	7/1
RCVSV03P	IO	04-064-553		TO PROC SYS CKT		RCVSV03P	7/1
SAK03N	I	04-064-452		TO PROC SYS CKT		SAK03N	7/1
SAK03P	I	04-064-552		TO PROC SYS CKT		SAK03P	7/1
TXCK03N	O	04-064-451		TO PROC SYS CKT		TXCK03N	7/1
TXCK03P	O	04-064-551		TO PROC SYS CKT		TXCK03P	7/1
TXDT03N	O	04-064-450		TO PROC SYS CKT		TXDT03N	7/1
TXDT03P	O	04-064-550		TO PROC SYS CKT		TXDT03P	7/1

SYMBOL NO. 6

DATA CONTROL B04
MAIN STORE, IO AND DFC UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
B04	047-000	J1C147BB	K	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
FRGRD04A	GRD	04-064-216				GRD04064	7/1
FRGRD04B	GRD	04-064-316		TO PROC SYS CKT		GRD04064	7/1
FRGRD04B	GRD	04-064-224				GRD04064	7/1
FRGRD04C	GRD	04-064-317		TO PROC SYS CKT		GRD04064	7/1
FRGRD04C	GRD	04-064-217		TO PROC SYS CKT		GRD04064	7/1
FRGRD04C	GRD	04-064-324				GRD04064	7/1
RCVCK04N	IO	04-064-223		TO PROC SYS CKT		RCVCK04N	7/1
RCVCK04P	IO	04-064-323		TO PROC SYS CKT		RCVCK04P	7/1
RCVDT04N	IO	04-064-222		TO PROC SYS CKT		RCVDT04N	7/1
RCVDT04P	IO	04-064-322		TO PROC SYS CKT		RCVDT04P	7/1
RCVSV04N	IO	04-064-221		TO PROC SYS CKT		RCVSV04N	7/1
RCVSV04P	IO	04-064-321		TO PROC SYS CKT		RCVSV04P	7/1
SAK04N	I	04-064-220		TO PROC SYS CKT		SAK04N	7/1
SAK04P	I	04-064-320		TO PROC SYS CKT		SAK04P	7/1
TXCK04N	O	04-064-219		TO PROC SYS CKT		TXCK04N	7/1
TXCK04P	O	04-064-319		TO PROC SYS CKT		TXCK04P	7/1
TXDT04N	O	04-064-218		TO PROC SYS CKT		TXDT04N	7/1
TXDT04P	O	04-064-318		TO PROC SYS CKT		TXDT04P	7/1

SYMBOL NO. 7

DATA CONTROL B05
MAIN STORE, IO AND DFC UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
B05	047-000	J1C147BB	L	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
FRGRD05A	GRD	04-064-016				GRD04064	7/1
FRGRD05B	GRD	04-064-116		TO PROC SYS CKT		GRD04064	7/1
FRGRD05B	GRD	04-064-024		TO PROC SYS CKT		GRD04064	7/1
FRGRD05C	GRD	04-064-117				GRD04064	7/1
FRGRD05C	GRD	04-064-017				GRD04064	7/1
FRGRD05C	GRD	04-064-124		TO PROC SYS CKT		GRD04064	7/1
RCVCK05N	IO	04-064-023		TO PROC SYS CKT		RCVCK05N	7/1
RCVCK05P	IO	04-064-123		TO PROC SYS CKT		RCVCK05P	7/1
RCVDT05N	IO	04-064-022		TO PROC SYS CKT		RCVDT05N	7/1
RCVDT05P	IO	04-064-122		TO PROC SYS CKT		RCVDT05P	7/1
RCVSV05N	IO	04-064-021		TO PROC SYS CKT		RCVSV05N	7/1
RCVSV05P	IO	04-064-121		TO PROC SYS CKT		RCVSV05P	7/1
SAK05N	I	04-064-020		TO PROC SYS CKT		SAK05N	7/1
SAK05P	I	04-064-120		TO PROC SYS CKT		SAK05P	7/1
TXCK05N	O	04-064-019		TO PROC SYS CKT		TXCK05N	7/1
TXCK05P	O	04-064-119		TO PROC SYS CKT		TXCK05P	7/1
TXDT05N	O	04-064-018		TO PROC SYS CKT		TXDT05N	7/1
TXDT05P	O	04-064-118		TO PROC SYS CKT		TXDT05P	7/1

SYMBOL NO. 8

DATA CONTROL B06
MAIN STORE, IO AND DFC UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
B06	047-000	J1C147BB	M	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
FRGRD06A	GRD	04-064-032				GRD04064	7/1
FRGRD06B	GRD	04-064-132		TO PROC SYS CKT		GRD04064	7/1
FRGRD06B	GRD	04-064-040				GRD04064	7/1
FRGRD06C	GRD	04-064-139		TO PROC SYS CKT		GRD04064	7/1
FRGRD06C	GRD	04-064-039		TO PROC SYS CKT		GRD04064	7/1
FRGRD06C	GRD	04-064-140		TO PROC SYS CKT		GRD04064	7/1
RCVCK06N	IO	04-064-038		TO PROC SYS CKT		RCVCK06N	7/1
RCVCK06P	IO	04-064-138		TO PROC SYS CKT		RCVCK06P	7/1
RCVDT06N	IO	04-064-037		TO PROC SYS CKT		RCVDT06N	7/1
RCVDT06P	IO	04-064-137		TO PROC SYS CKT		RCVDT06P	7/1
RCVSV06N	IO	04-064-036		TO PROC SYS CKT		RCVSV06N	7/1
RCVSV06P	IO	04-064-136		TO PROC SYS CKT		RCVSV06P	7/1
SAK06N	I	04-064-035		TO PROC SYS CKT		SAK06N	7/1
SAK06P	I	04-064-135		TO PROC SYS CKT		SAK06P	7/1
TXCK06N	O	04-064-034		TO PROC SYS CKT		TXCK06N	7/1
TXCK06P	O	04-064-134		TO PROC SYS CKT		TXCK06P	7/1
TXDT06N	O	04-064-033		TO PROC SYS CKT		TXDT06N	7/1
TXDT06P	O	04-064-133		TO PROC SYS CKT		TXDT06P	7/1

SYMBOL NO. 9

DATA CONTROL B07
MAIN STORE, IO AND DFC UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
B07	047-000	J1C147BB	N	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
FRGRD07A	GRD	04-064-048				GRD04064	7/1
FRGRD07B	GRD	04-064-148		TO PROC SYS CKT		GRD04064	7/1
FRGRD07B	GRD	04-064-056		TO PROC SYS CKT		GRD04064	7/1
FRGRD07C	GRD	04-064-149				GRD04064	7/1
FRGRD07C	GRD	04-064-049				GRD04064	7/1
FRGRD07C	GRD	04-064-156		TO PROC SYS CKT		GRD04064	7/1
RCVCK07N	IO	04-064-055		TO PROC SYS CKT		RCVCK07N	7/1
RCVCK07P	IO	04-064-155		TO PROC SYS CKT		RCVCK07P	7/1
RCVDT07N	IO	04-064-054		TO PROC SYS CKT		RCVDT07N	7/1
RCVDT07P	IO	04-064-154		TO PROC SYS CKT		RCVDT07P	7/1
RCVSV07N	IO	04-064-053		TO PROC SYS CKT		RCVSV07N	7/1
RCVSV07P	IO	04-064-153		TO PROC SYS CKT		RCVSV07P	7/1
SAK07N	I	04-064-052		TO PROC SYS CKT		SAK07N	7/1
SAK07P	I	04-064-152		TO PROC SYS CKT		SAK07P	7/1
TXCK07N	O	04-064-051		TO PROC SYS CKT		TXCK07N	7/1
TXCK07P	O	04-064-151		TO PROC SYS CKT		TXCK07P	7/1
TXDT07N	O	04-064-050		TO PROC SYS CKT		TXDT07N	7/1
TXDT07P	O	04-064-150		TO PROC SYS CKT		TXDT07P	7/1

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SYMBOL(S) 5 6 7 8 9

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PROCESSOR CONTROL CABINET

DWG SIZE
C2

ISSUE
8M

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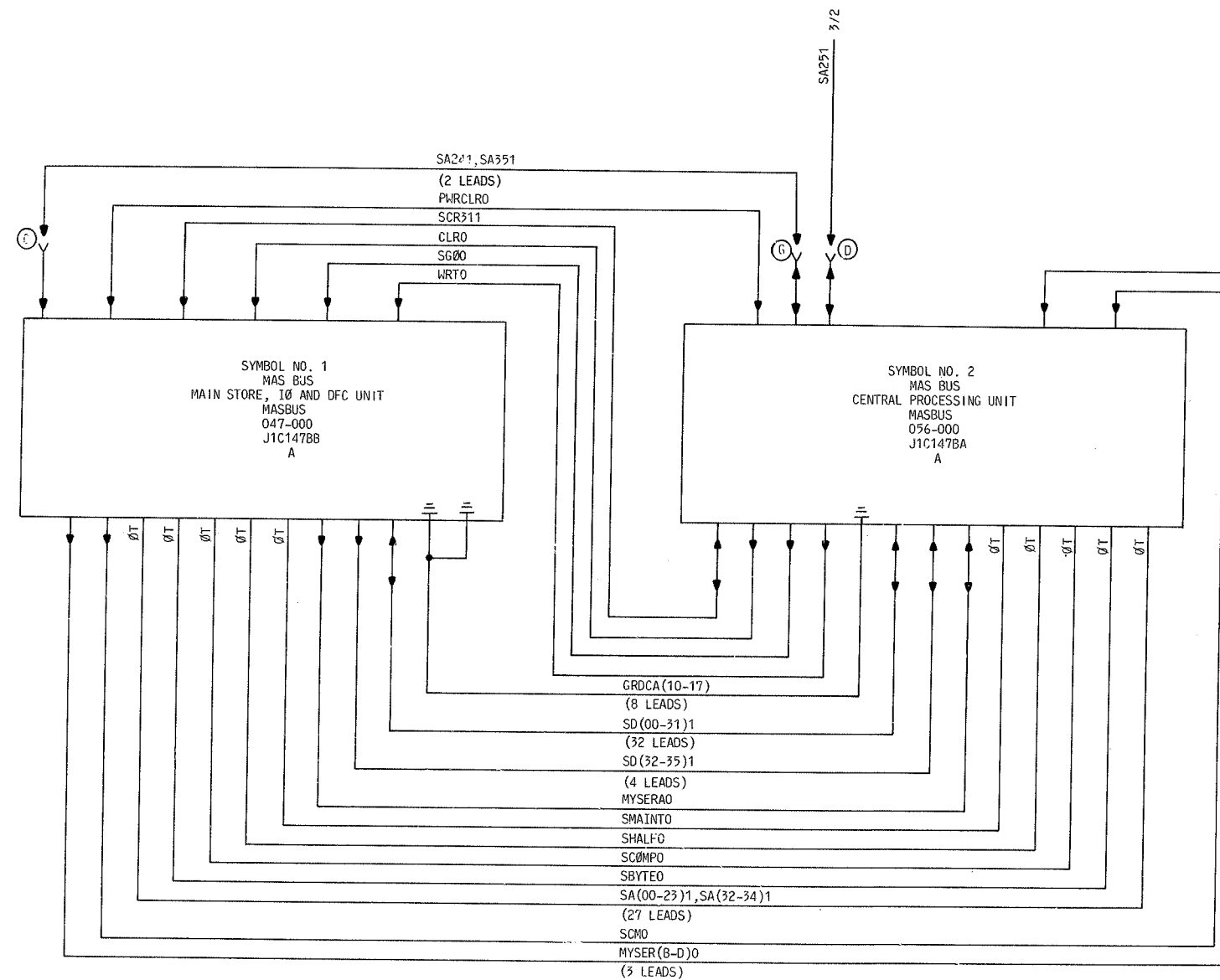
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B10CB

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PART OF FS II

MAIN STORE BUS
INTERCONNECTION AND FLOW DIAGRAM



PART OF FS 11
IFD SYMBOL(S): 1,2

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PROCESSOR CONTROL CABINET

DWG SIZE
6S

ISSUE
9B

AT&T

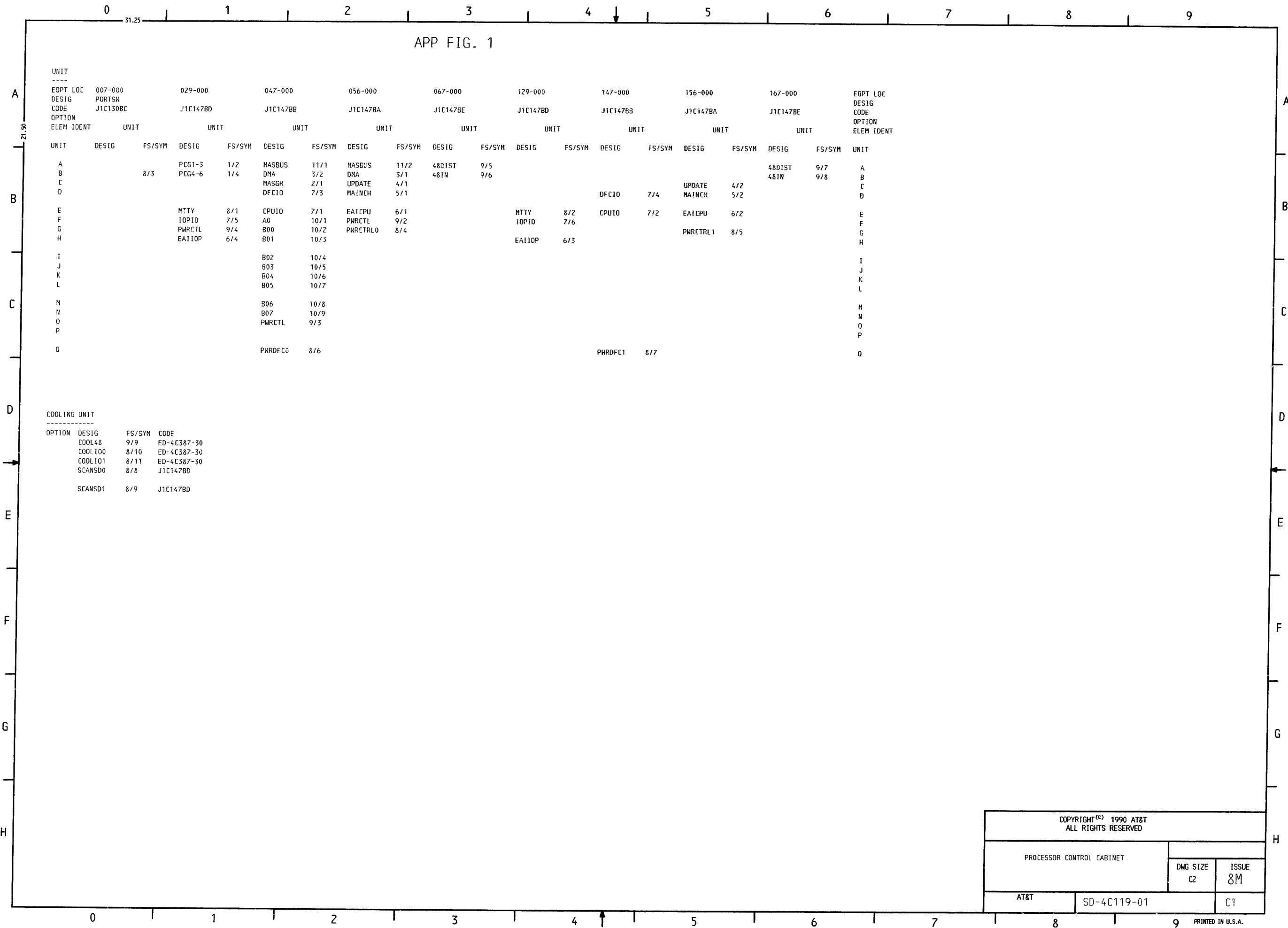
SD-4C119-01

SHEET
B11AA

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PART OF FS 11 MAIN STORE BUS										SYMBOL NO. 1 (CONT) MAS BUS MAIN STORE, IO AND DFC UNIT										SYMBOL NO. 1 (CONT) MAS BUS MAIN STORE, IO AND DFC UNIT									
SYMBOL NO. 1 MAS BUS MAIN STORE, IO AND DFC UNIT										SYMBOL NO. 1 (CONT) MAS BUS MAIN STORE, IO AND DFC UNIT										SYMBOL NO. 1 (CONT) MAS BUS MAIN STORE, IO AND DFC UNIT									
DESIG EQPT LOC CODE ELEM IDENT OPT										DESIG EQPT LOC CODE ELEM IDENT OPT										DESIG EQPT LOC CODE ELEM IDENT OPT									
MASBUS 047-000 J1C147BB A										MASBUS 047-000 J1C147BB A										MASBUS 047-000 J1C147BB A									
LEAD DESIG FUNC TERM. TERM. OPT DESTINATION NOTE TERM. MOD LOC										LEAD DESIG FUNC TERM. TERM. OPT DESTINATION NOTE TERM. MOD LOC										LEAD DESIG FUNC TERM. TERM. OPT DESTINATION NOTE TERM. MOD LOC									
CLRO 1 04-112-018 11/2 10/1										GRDCA16 GRD 04-111-042 11/1 1/2										SD011 10 04-112-549 11/2 8/1									
GRDCA10 GRD 04-118-014 11/1 1/2										GRD 04-111-046 11/1 1/2										SD021 10 04-112-551 11/2 8/1									
GRD 04-118-015 11/2 1/2										GRD 04-111-047 11/1 1/2										SD031 10 04-112-553 11/2 8/1									
GRD 04-118-016 11/1 1/2										GRD 04-111-048 11/1 1/2										SD041 10 04-112-501 11/2 8/1									
GRD 04-118-017 11/1 1/2										GRD 04-111-049 11/1 1/2										SD051 10 04-112-503 11/2 8/1									
GRD 04-118-018 11/1 1/2										GRD 04-111-050 11/1 1/2										SD061 10 04-112-505 11/2 8/1									
GRD 04-118-019 11/1 1/2										GRD 04-111-051 11/1 1/2										SD071 10 04-112-507 11/2 8/1									
GRD 04-118-020 11/1 1/2										GRD 04-111-052 11/1 1/2										SD081 10 04-112-047 11/2 8/1									
GRD 04-118-021 11/1 1/2										GRD 04-111-053 11/1 1/2										SD091 10 04-112-049 11/2 8/1									
GRD 04-118-022 11/1 1/2										GRD 04-111-054 11/1 1/2										SD101 10 04-112-051 11/2 8/1									
GRDCA11 GRD 04-118-023 11/1 1/2										GRD 04-111-055 11/2 1/2										SD111 10 04-112-053 11/2 8/1									
GRD 04-118-033 11/1 1/2										GRD 04-111-014 11/1 1/2										SD121 10 04-112-001 11/2 8/1									
GRD 04-118-034 11/1 1/2										GRD 04-111-015 11/1 1/2										SD131 10 04-112-003 11/2 8/1									
GRD 04-118-035 11/1 1/2										GRD 04-111-016 11/1 1/2										SD141 10 04-112-005 11/2 8/1									
GRD 04-118-036 11/2 1/2										GRD 04-111-017 11/2 1/2										SD151 10 04-112-007 11/2 8/1									
GRD 04-118-037 11/1 1/2										GRD 04-111-018 11/1 1/2										SD161 10 04-112-548 11/2 8/1									
GRD 04-118-038 11/1 1/2										GRD 04-111-019 11/1 1/2										SD171 10 04-112-550 11/2 8/1									
GRD 04-118-039 11/1 1/2										GRD 04-111-020 11/1 1/2										SD181 10 04-112-552 11/2 8/1									
GRD 04-118-040 11/1 1/2										GRD 04-111-021 11/1 1/2										SD191 10 04-112-554 11/2 8/1									
GRDCA12 GRD 04-118-001 11/1 1/2										GRD 04-111-022 11/1 1/2										SD201 10 04-112-502 11/2 8/1									
GRD 04-118-002 11/1 1/2										GRD 04-111-023 11/1 1/2										SD211 10 04-112-504 11/2 8/1									
GRD 04-118-003 11/1 1/2										MYSERAO 0 04-112-542 11/2 10/1										SD221 10 04-112-506 11/2 8/1									
GRD 04-118-004 11/1 1/2										MYSERBO 0 04-112-042 11/2 10/1										SD231 10 04-112-508 11/2 8/1									
GRD 04-118-005 11/1 1/2										MYSERCO 0 04-112-055 11/2 10/1										SD241 10 04-112-048 11/2 8/1									
GRD 04-118-006 11/1 1/2										MYSERDO 0 04-112-046 11/2 10/1										SD251 10 04-112-050 11/2 8/1									
GRD 04-118-007 11/1 1/2										PWRCLRO I 04-112-514 11/2 10/1										SD261 10 04-112-052 11/2 8/1									
GRDCA13 GRD 04-118-010 11/2 1/2										SA001 OT 04-112-533 11/2 1/2										SD271 10 04-112-054 11/2 8/1									
GRD 04-118-046 11/1 1/2										SA011 OT 04-112-534 11/2 1/2										SD281 10 04-112-002 11/2 8/1									
GRD 04-118-047 11/2 1/2										SA021 OT 04-112-535 11/2 1/2										SD291 10 04-112-004 11/2 8/1									
GRD 04-118-048 11/1 1/2										SA031 OT 04-112-536 11/2 1/2										SD301 10 04-112-006 11/2 8/1									
GRD 04-118-049 11/1 1/2										SA041 OT 04-112-537 11/2 1/2										SD311 10 04-112-008 11/2 8/1									
GRD 04-118-050 11/1 1/2										SA051 OT 04-112-538 11/2 1/2										SD321 0 04-112-509 11/2 10/1									
GRD 04-118-051 11/1 1/2										SA061 OT 04-112-539 11/2 1/2										SD331 0 04-112-009 11/2 10/1									
GRD 04-118-052 11/1 1/2										SA071 OT 04-112-540 11/2 1/2										SD341 0 04-112-510 11/2 10/1									
GRDCA14 GRD 04-118-054 11/1 1/2										SA081 OT 04-112-033 11/2 1/2										SD351 0 04-112-010 11/2 10/1									
GRD 04-111-001 11/1 1/2										SA091 OT 04-112-034 11/2 1/2										SG00 I 04-112-014 11/2 10/1									
GRD 04-111-002 11/1 1/2										SA101 OT 04-112-035 11/2 1/2										SHALFO OT 04-112-019 11/2 8/1									
GRD 04-111-003 11/2 1/2										SA111 OT 04-112-036 11/2 1/2										SMINTO OT 04-112-021 11/2 8/1									
GRD 04-111-004 11/1 1/2										SA121 OT 04-112-037 11/2 1/2										WRT0 I 04-112-017 11/2 10/1									
GRD 04-111-005 11/1 1/2										SA131 OT 04-112-038 11/2 1/2																			
GRD 04-111-006 11/1 1/2										SA141 OT 04-112-039 11/2 1/2																			
GRD 04-111-007 11/1 1/2										SA151 OT 04-112-040 11/2 1/2																			
GRD 04-111-008 11/1 1/2										SA161 OT 04-112-515 11/2 1/2																			
GRDCA15 GRD 04-111-033 11/1 1/2										SA171 OT 04-112-516 11/2 1/2																			
GRD 04-111-034 11/1 1/2										SA181 OT 04-112-517 11/2 1/2																			
GRD 04-111-035 11/1 1/2										SA191 OT 04-112-518 11/2 1/2																			
GRD 04-111-036 11/1 1/2										SA201 OT 04-112-519 11/2 1/2																			
GRD 04-111-037 11/1 1/2										SA211 OT 04-112-520 11/2 1/2																			
GRD 04-111-038 11/1 1/2										SA221 OT 04-112-521 11/2 1/2																			
GRD 04-111-039 11/1 1/2										SA231 OT 04-112-522 11/2 1/2																			
GRD 04-111-040 11/2 1/2										SA241 I 04-112-015 (G) (G) 11/2																			
GRD 04-111-041 11/1 1/2										SA321 OT 04-112-541 11/2 1/2																			
										SA331 OT 04-112-041 11/2 1/2																			
										SA341 OT 04-112-523 11/2 1/2																			
										SA351 I 04-112-023 (G) (G) 11/2																			
										SBYTEO OT 04-112-020 11/2 1/2																			
										SCMO 0 04-112-016 11/2 1/2																			
										SCOMPO OT 04-112-022 11/2 1/2																			
										SCR311 I 04-112-555 11/2 1/2																			
										SD001 IO 04-112-547 11/2 1/2																			

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SYMBOL NO. 2 MAS BUS																			



(2) APP FIG. 2

UNIT

EQPT LOC 038-000 EQPT LOC
DESIG DESIG
CODE CODE
OPTION OPTION
ELEM IDENT UNIT ELEM IDENT

UNIT	DESIG	FS/SYM	UNIT
A	PCG1-3	1/1	A
B	PCG4-6	1/3	B
C	MASGR	2/2	C
D	PWRCTL	9/1	D
E			E
F			F
G			G
H			H
I			I
J			J
K			K
L			L
M			M
N			N
O			O
P			P
Q			Q

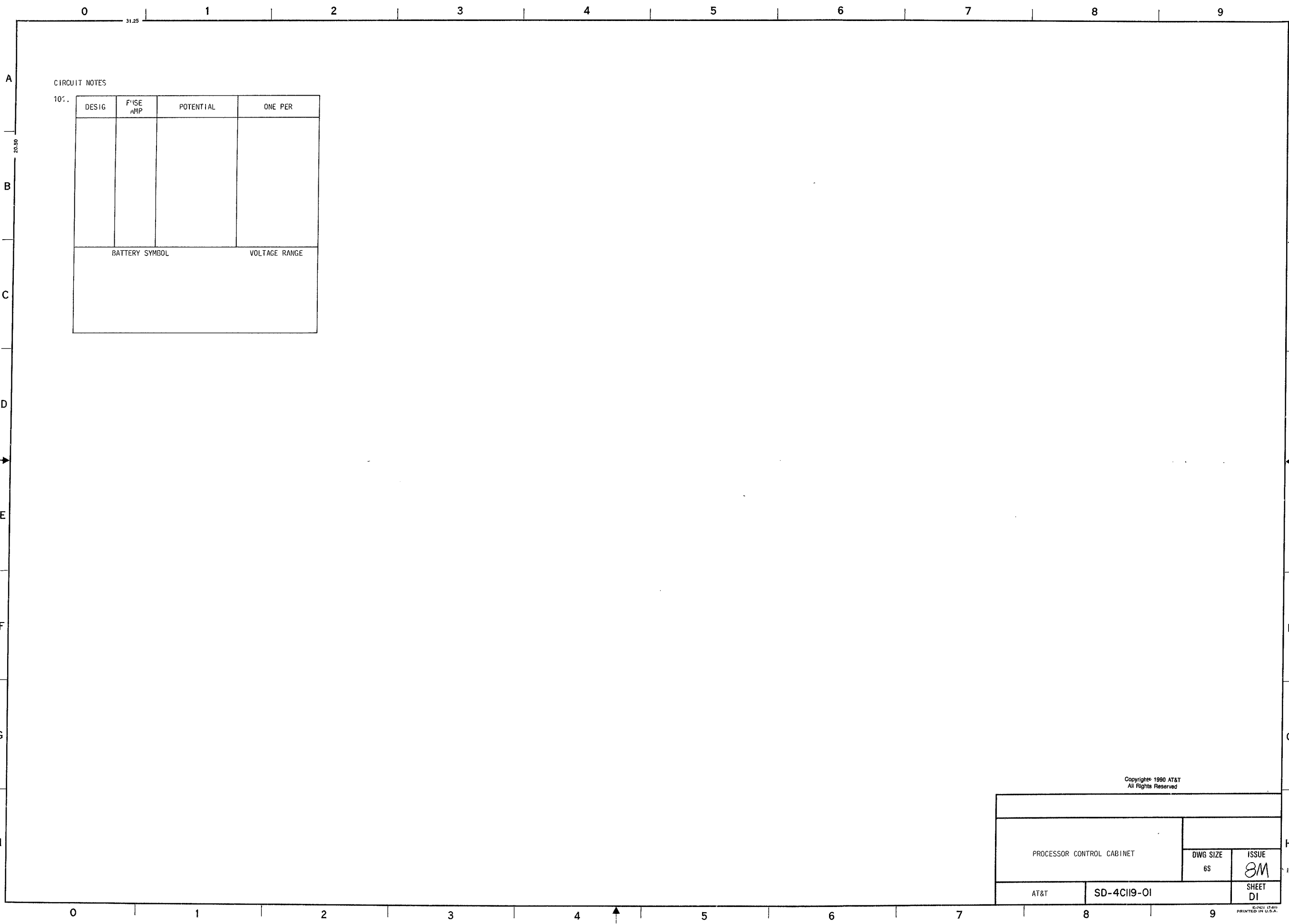
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PROCESSOR CONTROL CABINET

DWG SIZE
C2 ISSUE
8M

AT&T SD-4C119-01

C2



CIRCUIT NOTES

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE	

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PROCESSOR CONTROL CABINET			DWG SIZE	ISSUE
			6S	8M
AT&T	SD-4CII9-01			SHEET DI

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INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED:
RESISTANCE VALUES ARE IN OHMS
CAPACITANCE VALUES ARE IN MICROFARADS
VALUES PRECEDED BY THE SYMBOL +
(PLUS) OR - (MINUS) ARE IN VOLTS.

FEATURE OR OPTION	PROVIDE		
	APP FIG	APP OR WRG	QUANTITY
3B20D MODEL 2 PROCESSOR CONTROL FRAME (BAY 0 & 1) J1C147BA, BB, BD & BE ED-4C387-30	1	Y	ONE UNIT PER BAY
MAIN STORE & IOP GROWTH UNIT J1C147BC	2	2,X	ONE UNIT PER BAY
PORT SWITCH UNIT J1C130BC	1		ONE UNIT BAY 0 ONLY
300 MB DISK DRIVE	1	Z	ONE PER BAY
CCI0 BUS TO I0 CH:01 (DSCH,UN9B) (NO. 5ESS)	2	V	AS REQ'D
GROWTH UNIT (J1C147B LIST NO. 2) SEE NOTE 311, FIG. 1 & 2	2	H, M	ONE PER CKT
CP PWR ARR. 1 BASIC LIST (J1C147B LIST NO. 1) SEE NOTE 311, FIG. 1 & 2	1	J,K, N	ONE PER CKT
CP PWR ARR. 2 CACHE MEMORY OPTION (2-UN10B, 1-UN11B) SEE NOTE 311, FIG. 1 & 3	1	T	ONE PER CKT
CP PWR ARR. 3 CONTROL STORE OPTION (UN48B) SEE NOTE 311, FIG. 1 & 4	1	S	ONE PER CKT
CP PWR ARR. 4 CACHE MEMORY & CONTROL STORE OPTION (2-UN10B, 1-UN11B, 1-UN48B & 1-495FA PWR UNIT) SEE NOTE 311, FIG. 1 & 5 (MFR DISC)	1	R OMIT K, S, & T	ONE PER CKT
CP PWR ARR. 5 SECOND DMA AND/OR I0 CHANNEL (1-UN46, AND/OR 1-UN9B, AND 1-495FA PWR UNIT) SEE NOTE 311, FIG. 1 & 6	1	Q OMIT J, K, N	ONE PER CKT
CP PWR ARR. 6 4TH I0 CHANNEL IN GROWTH UNIT (UN9B OR UN19B AND 495FA PWR UNIT) SEE NOTE 311, FIG. 1 & 7	2	P OMIT H, K, M	ONE PER CKT
MEMORY EXPANSION	1	G	ONE PER CKT
3B20D MODEL 2 PROCESSOR CONTROL CABINET			
4K PROM MC4C077A1B (UN28B) (J1C173A-1,L3)	3		1 PER CKT ALWAYS REQ'D (UNIX RTR RELEASE 1)
16K EPROM WMCs, MC4C127A1 (TN19)& UN55 (J1C173A-1,L4)	4	F	1 PER CKT (UNIX RTR RELEASE 1)
MC4C127A1B (TN19)	(4)	E	1 PER CKT

302. (CONT)

FEATURE OR OPTION	PROVIDE		
	APP FIG	APP OR WRG	QUANTITY
(MFR DISC) 1ST 2MB MSM(TN56) (J1C173A-1,L3)	5		1 PER CKT (UNIX RTR RELEASE 1)
MTTY CONTROLLER WITH EAI PAGE ENHANCEMENTS MC4C132A1 (TN983) (J1C173A-1,L6)	6		1 PER CKT (UNIX RTR RELEASE 1)
MEMORY EXPANSION CAPABILITY (J1C147BA-1, LIST 4 & J1C147BB-1, LIST 4)	8		1 PER CKT (UNIX RTR RELEASE 1)
STORE ADDRESS TRANSLATOR (SAT) (UN45C) (J1C147BA-1,L3)	9		1 PER CKT (UNIX RTR RELEASE 1)
1ST 2MB MSM (TN56) (J1C147BB-1,L5)	10		1 PER CKT (UNIX RTR RELEASE 1)
BACKPLANE WIRING FOR IMPROVED OPERATING SYSTEM PERFORMANCE UN45C AND UNIX RTR RELEASE 1 OR LATER SOFTWARE REQUIRED J1C147BA-1,L9	11		AS REQUIRED
ADD'L INRUSH PROTECTION TN5B (J1C147BA-1, L-K) TN3B (J1C147BB-1, L-K) TN6B (J1C147BD-1, L-K)	12		2 PER CKT
VLLMM WIRING	(1)	D	1 PER CKT
SSR010 ID STRAP SEE NOTE 314	(1)	C	AS REQUIRED

302. (CONT)

FEATURE OR OPTION	PROVIDE		
	APP FIG	APP OR WRG	QUANTITY
J1C147BA,CPU UNIT J1C147BB,MS,I0 & DFC UNIT J1C147BD,I0P BASIC UNIT J1C147BE,PWR DIST UNIT J1C130BC,PORT SW UNIT (BAY 0 ONLY)	1		ONE UNIT PER BAY
J1C147BC, MS & I0P GROWTH UNIT	2		ONE UNIT PER BAY
(MFR DISC) 2MB (TN56) MSM (J1C147BB-1, L3)	3		1 PER CKT
MTTY CONTROLLER WITH EAI PAGE ENHANCEMENTS (J1C147BD-1, L2)	4		1 PER CKT
1ST 2MB MSM (TN56) (J1C147BB-1, L6)	6		1 PER CKT
MEMORY EXPANSION CAPABILITY (J1C147BA-1, LIST 4 & J1C147BB-1, LIST 4)	5		AS REQUIRED
FIRST BACK-UP TAPE UNIT FEATURE J1C147BA-1, L6 J1C147BD-1, L3 J1C173B-1, L7	7		AS REQUIRED
STORE ADDRESS TRANSLATOR (SAT) (UN45C) (J1C147BA-1, L3)	8		AS REQUIRED
BACKPLANE WIRING FOR IMPROVED OPERATING SYSTEM PERFORMANCE UN45C AND UNIX RTR RELEASE 1 OR LATER SOFTWARE REQUIRED J1C147BA-1, L9	9		AS REQUIRED
PERIPHERAL CONTROL WIRING FOR 5 UN33B CKT PACKS (J1C147BD-1,L-WA)	E		AS REQUIRED
CP PWR ARR. 5 FOR A 2ND DMAC (DMAC 1) &/OR I0 CH (J1C147BB-1,L-C) (J1C147BD-1,L-WS)	G		AS REQUIRED
CP PWR ARR. 2 FOR CACHE MEMORY (J1C147BA-1,L-WB)	J		AS REQUIRED

302. (CONT)

FEATURE OR OPTION	PROVIDE		
	APP FIG	APP OR WRG	QUANTITY
3B20D MODEL 3 PROCESSOR CONTROL CABINET (BAY 0 & 1) (CONT)			
ADD'L INRUSH PROTECTION TN5B (J1C147BA-1, L-K) TN3B (J1C147BB-1, L-K) TN6B (J1C147BD-1, L-K)	10		2 PER CKT
PROVIDES TN19 MC4C127A1B	(1)	L	2 PER CKT
VVLMM WIRING	(1)	D	1 PER CKT
SSR010 ID STRAP SEE NOTE 314	(1)	C	AS REQUIRED

303.

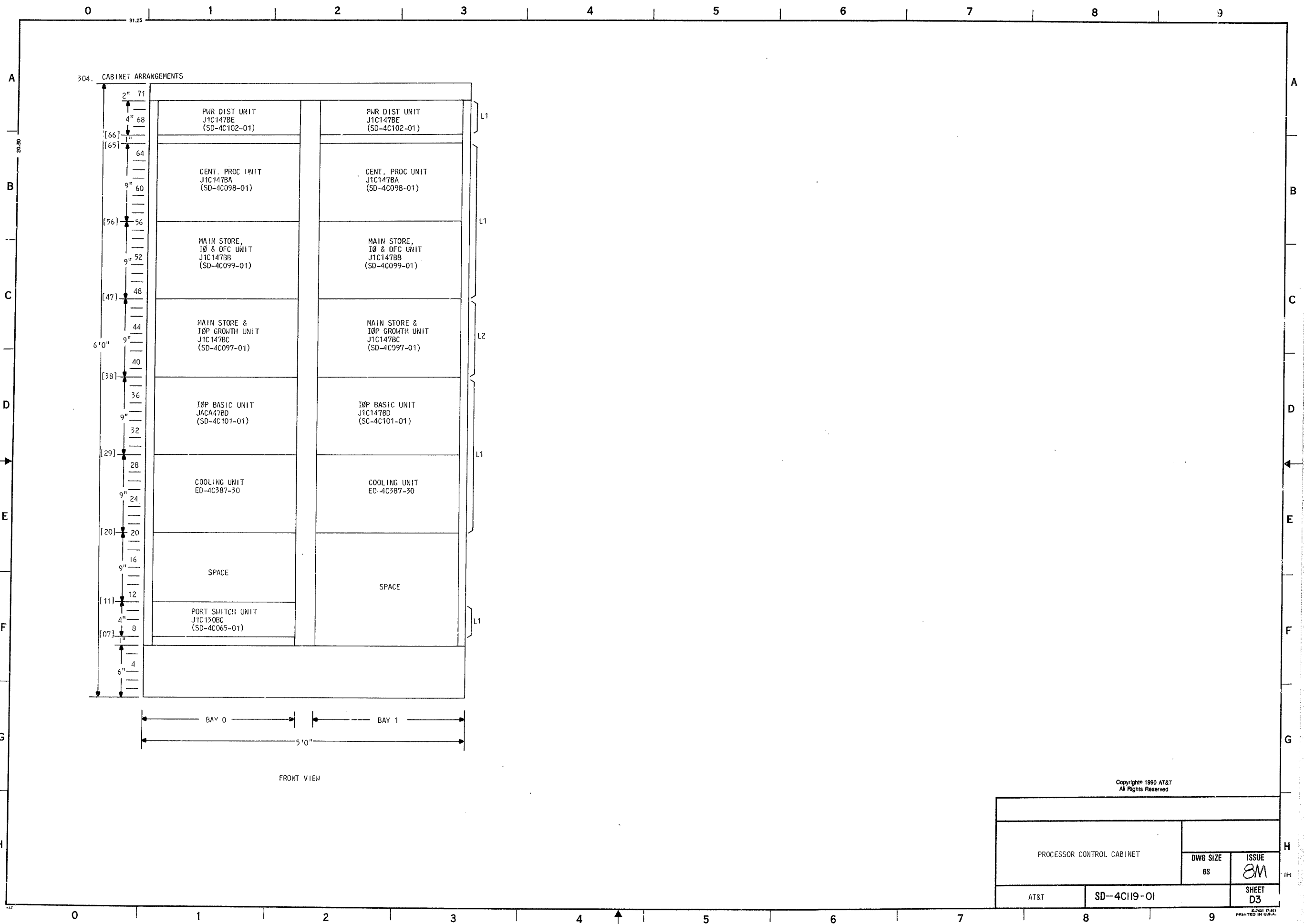
RECORDS OF FIGURES, WIRING AND APPARATUS CHANGES						
CHANGES ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USED IN CIRCUIT		
				STD	A&M	MD
3AC	CAD					R 026, 200 & 201
					AVAIL	DA
9B SEE NOTE X	NONE C	D NONE			D C	

NOTE X - PRIOR TO ISSUE 9B, COLUMNS HEADED "STD", "MD",
ETC., CONVEYED APPLICATION INFORMATION. AT
ISSUE 9B, COLUMNS HEADED "AVAIL" AND "DA" NOW
INDICATE THE AVAILABILITY OF THE PRODUCT.

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PROCESSOR CONTROL CABINET			DWG SIZE	ISSUE
			6S	9B
AT&T	SD-4C119-01		SHEET D2	

E-7421 (10-89)
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INFORMATION NOTES: (CONT)

305. SCSD FIXED ASSIGNMENT (BY DMERT) FOR BAY 0 AND 1 (UN33B,C.P.)
PROCESSOR CONTROL FRAME (J1C173A). ASSIGNMENT DESIGNATED "X"
ARE RESERVED BY DMERT FOR GROWTH.

	0	0	5	4	3	2	1	0	
56									56
55	SC47P	SC47N	SC43P	SC43N	SC39P	SC39N	SC35P	SC35N	55
54	SC46P	SC46N	SC42P	SC42N	SC38P	SC38N	SC34P	SC34N	54
53	SC31P	SC31N	SC23P	SC23N	SC15P	SC15N	SC07P	SC07N	53
52	SC30P	SC30N	SC22P	SC22N	SC14P	SC14N	SC06P	SC06N	52
51	SD31P	SD31N	SD23P	SD23N	SD15P	SD15N	SD07P	SD07N	51
50	SD30P	SD30N	SD22P	SD22N	SD14P	SD14N	SD06P	SD06N	50
49	SC29P	SC29N	SC21P	SC21N	SC13P	SC13N	SC05P	SC05N	49
48	SC28P	SC28N	SC20P	SC20N	SC12P	SC12N	SC04P	SC04N	48
47	SD29P	SD29N	SD21P	SD21N	SD13P	SD13N	SD05P	SD05N	47
46	SD28P	SD28N	SD20P	SD20N	SD12P	SD12N	SD04P	SD04N	46
45	ER	ER	ER	ER	ER	ER	ER	ER	45
44			-4BV3	-4BR	+12E	+12E	-12E	-12E	44
43									43
42	SC45P	SC45N	SC41P	SC41N	SC37P	SC37N	SC33P	SC33N	42
41	SC44P	SC44N	SC40P	SC40N	SC36P	SC36N	SC32P	SC32N	41
40	SC27P	SC27N	SC19P	SC19N	SC11P	SC11N	SC03P	SC03N	40
39	SC26P	SC26N	SC18P	SC18N	SC10P	SC10N	SC02P	SC02N	39
38	SD27P	SD27N	SD19P	SD19N	SD11P	SD11N	SD03P	SD03N	38
37	SD26P	SD26N	SD18P	SD18N	SD10P	SD10N	SD02P	SD02N	37
36	SC25P	SC25N	SC17P	SC17N	SC09P	SC09N	SC01P	SC01N	36
35	SC24P	SC24N	SC16P	SC16N	SC08P	SC08N	SC00P	SC00N	35
34	SD25P	SD25N	SD17P	SD17N	SD09P	SD09N	SD01P	SD01N	34
33	SD24P	SD24N	SD16P	SD16N	SD08P	SD08N	SD00P	SD00N	33
32	ER	ER	ER	ER	ER	ER	ER	ER	32
	0	0	5	4	3	2	1	0	

04-093 04-092
33-093 33-092
TERM - FIELD

04-086 04-085
33-086 33-085
UN33B C.P.

UNIT EQL
FRAME

TABLE A

SYSTEM ALARM ASSIGNMENTS	
SCAN POINT	ASSIGN TO
12	CRITICAL ALM
13	MAJOR ALM
20	MINOR ALM
21	SYSTEM ALM
28	ALM RETIRE
29	UNASSIGNED

SCSD FIELD-BAY 0

	0	0	5	4	3	2	1	0	
56									56
55									55
54									54
53									53
52									52
51									51
50									50
49									49
48									48
47									47
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38									38
37									37
36									36
35									35
34									34
33									33
32									32
	0	0	5	4	3	2	1	0	

SCSD FIELD-BAY 1

	0	0	5	4	3	2	1	0	
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54									54
53									53
52									52
51									51
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39									39
38									38
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34									34
33									33
32									32
	0	0	5	4	3	2	1	0	

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PROCESSOR CONTROL CABINET

DWG SIZE
6S

ISSUE
8M

AT&T

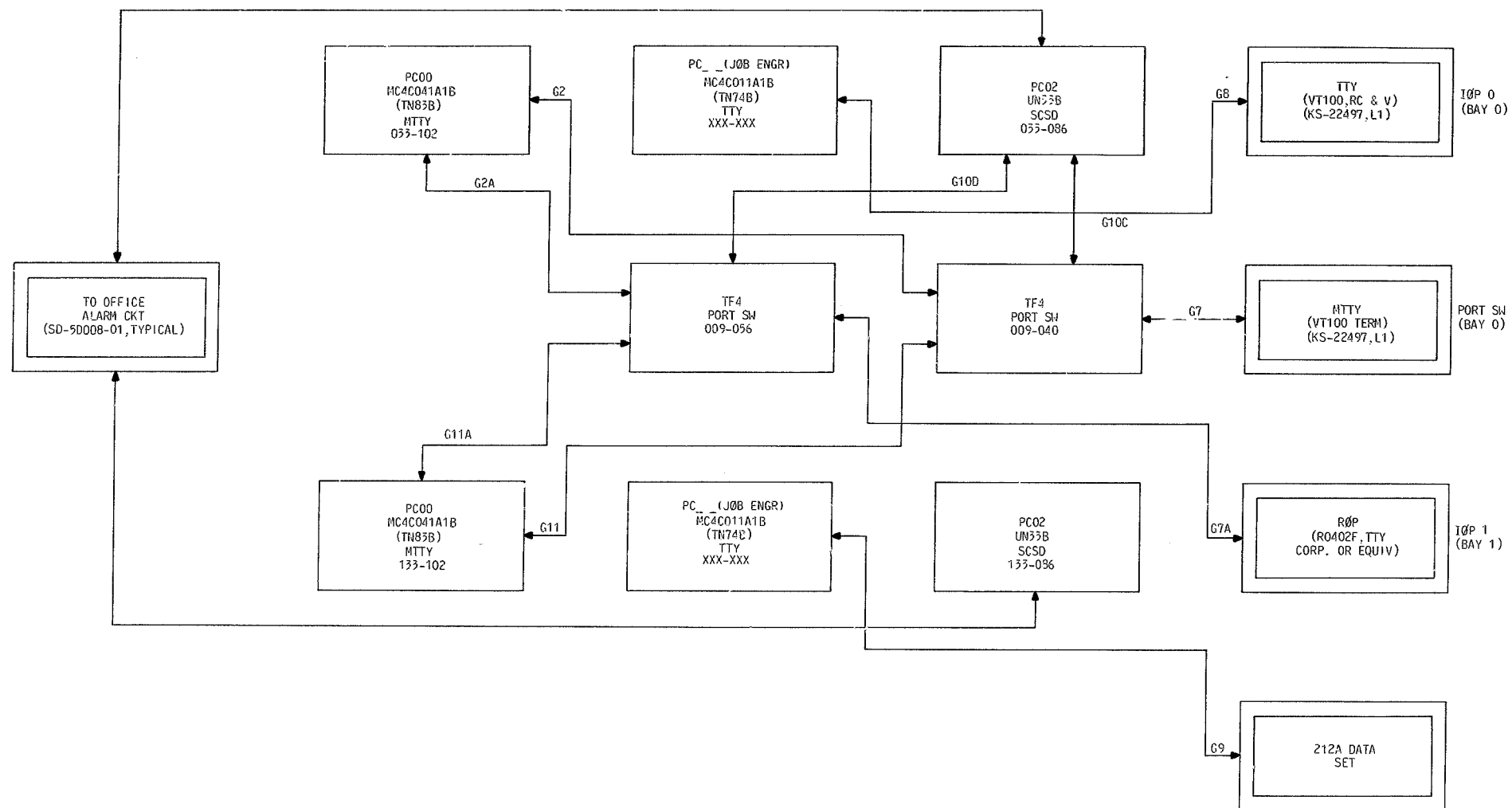
SD-4C119-01

SHEET
D4

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INFORMATION NOTES: (CONT)

306. BLOCK DIAGRAM OF MAINTENANCE & CONTROL PORTION OF IOP
0 & 1 (PC0, & 02) & PORT SWITCH UNIT. CABLING
INFORMATION IS SHOWN IN ED-4C410-35.G.



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PROCESSOR CONTROL CABINET		DWG SIZE	ISSUE
		8S	8M
AT&T	SD-4C119-01	SHEET D5	

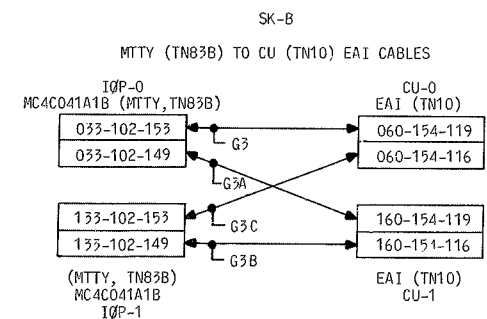
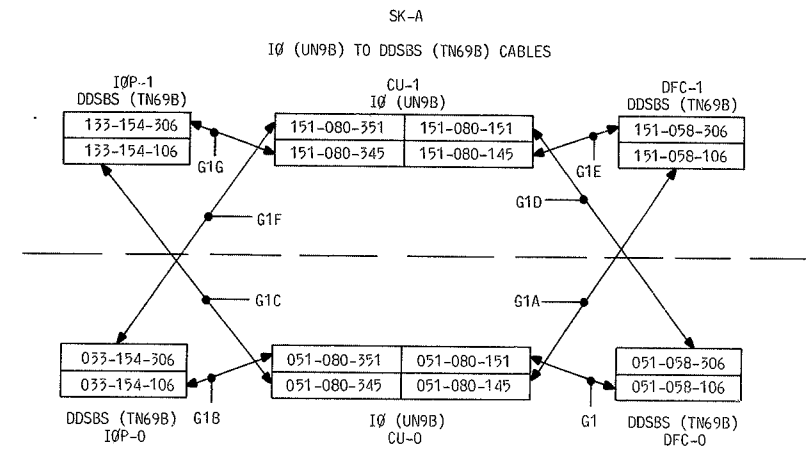
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307. LISTED BELOW IS A SUMMARY OF INTRAFRAME CABLING ASSOCIATED WITH PROCESSOR CONTROL CABINET, BAY 0 & 1

PROCESSOR CONTROL CABINET		DWG SIZE 8S	ISSUE 8M
AT&T	SD- 4C119-01		SHEET D6

INFORMATION NOTES: (CONT)
307. (CONT)

TITLE (FUNCTION)	CAD	FROM				CAD	TO				COMMENTS
		CA. NO.	CA. IDENT	EQL	UNIT SD		EQL	UNIT SD	CABLE DWG	CABLE DWG	
MEMORY EXTENSION CABLES	104	CA26	ME1	051-131-000	SD-4C099-01	105	042-131-000	SD-4C097-01	ED-4C404-10,G4	ED-4C561-45,G4	
		CA27	ME2	051-131-013	SD-4C099-01		042-131-013	SD-4C097-01	ED-4C404-10,G4	ED-4C561-45,G4	
		CA28	ME3	051-131-032	SD-4C099-01		042-131-032	SD-4C097-01	ED-4C404-10,G4	ED-4C561-45,G4	
		CA29	ME4	051-131-045	SD-4C099-01		042-131-045	SD-4C097-01	ED-4C404-10,G4	ED-4C561-45,G4	
		CA30	ME5	051-125-000	SD-4C099-01		042-125-000	SD-4C097-01	ED-4C404-10,G4	ED-4C561-45,G4	
		CA31	ME6	051-125-013	SD-4C099-01		042-125-013	SD-4C097-01	ED-4C404-10,G4	ED-4C561-45,G4	
		CA32	ME7	051-125-032	SD-4C099-01		042-125-032	SD-4C097-01	ED-4C404-10,G4	ED-4C561-45,G4	
		CA33	ME8	051-125-045	SD-4C099-01		042-125-045	SD-4C097-01	ED-4C404-10,G4	ED-4C561-45,G4	
PERIPHERAL CONTROL CABLES	106	CA34	PC1	042-061-000	SD-4C097-01	107	033-077-013	SD-4C101-01	ED-4C404-10,G5	ED-4C561-45,G5	
		CA35	PC2	042-061-013	SD-4C097-01		033-077-032	SD-4C101-01	ED-4C404-10,G5	ED-4C561-45,G5	
		CA36	PC3	042-061-032	SD-4C097-01		033-077-045	SD-4C101-01	ED-4C404-10,G5	ED-4C561-45,G5	
		CA37	PC4	042-055-000	SD-4C097-01		033-071-013	SD-4C101-01	ED-4C404-10,G6	ED-4C561-45,G6	
		CA38	PC5	042-055-013	SD-4C097-01		033-071-032	SD-4C101-01	ED-4C404-10,G6	ED-4C561-45,G6	
		CA39	PC6	042-055-032	SD-4C097-01		033-071-045	SD-4C101-01	ED-4C404-10,G6	ED-4C561-45,G6	
MAIN STORE UPDATE CABLES	108	CA40	SU1	160-146-200	SD-4C098-01	109	060-146-200	SD-4C098-01	ED-4C273-10,G12	ED-4C561-45,G11	
		CA41	SU2	160-146-400	SD-4C098-01		060-146-400	SD-4C098-01	ED-4C273-10,G12	ED-4C561-45,G11	
		CA42	SU3	160-146-413	SD-4C098-01		060-146-413	SD-4C098-01	ED-4C273-10,G12	ED-4C561-45,G11	
		CA43	SU4	160-146-232	SD-4C098-01		060-146-232	SD-4C098-01	ED-4C273-10,G12	ED-4C561-45,G11	
		CA44	SU5	160-146-432	SD-4C098-01		060-146-432	SD-4C098-01	ED-4C273-10,G12	ED-4C561-45,G11	
		CA45	SU6	160-146-245	SD-4C098-01		060-146-245	SD-4C098-01	ED-4C273-10,G12	ED-4C561-45,G11	
300 MB DFC CONTROL CABLE	110	CA46	SU7	160-146-445	SD-4C098-01		060-146-445	SD-4C098-01	ED-4C273-10,G12	ED-4C561-45,G11	
		CA47	AO	051-044-500	SD-4C099-01						
		CA47	AO	051-044-513	SD-4C099-01						
300 MB DFC DATA CABLES	111	CA48	B00	051-064-513	SD-4C099-01						TO PROC SYS CKT
		CA49	B01	051-064-532	SD-4C099-01						
		CA50	B02	051-064-500	SD-4C099-01						
		CA51	B03	051-064-545	SD-4C099-01						
		CA52	B04	051-064-313	SD-4C099-01						
		CA53	B05	051-064-113	SD-4C099-01						
		CA54	B06	051-064-132	SD-4C099-01						
IO CABLE BETWEEN DSCH (UN9B) & DDSBS (TN69B) (CH 0 & 1, DFC 0 & 1, & IOP 0 & 1)	112	CA56	ZA1	051-080-151	SD-4C099-01	113	051-058-106	SD-4C099-01	ED-4C410-35,G1	ED-4C561-20,G1	SEE SK-A
		CA57	ZA2	051-080-145	SD-4C099-01	115	151-058-106	SD-4C099-01	ED-4C410-35,G1A	ED-4C561-20,G1A	
		116	CA58	ZA5	151-080-151	SD-4C099-01	117	051-058-306	SD-4C099-01	ED-4C410-35,G1D	ED-4C561-20,G1D
		118	CA59	ZA6	151-080-145	SD-4C099-01	119	151-058-306	SD-4C099-01	ED-4C410-35,G1E	ED-4C561-20,G1E
		120	CA60	ZA3	051-080-351	SD-4C099-01	121	033-154-106	SD-4C101-01	ED-4C410-35,G1B	ED-4C561-20,G1B
		122	CA61	ZA4	051-080-345	SD-4C099-01	123	133-154-106	SD-4C101-01	ED-4C410-35,G1C	ED-4C561-20,G1C
		124	CA62	ZA7	151-080-351	SD-4C099-01	125	033-154-306	SD-4C101-01	ED-4C410-35,G1F	ED-4C561-20,G1F
EAI CABLES EAI (TN10) & MTTY (TN83B)	126	CA63	ZA8	151-080-345	SD-4C099-01	127	133-154-306	SD-4C101-01	ED-4C410-35,G1G	ED-4C561-20,G1G	SEE SK-B
		128	CA64	ZA11	060-154-119	SD-4C098-01	129	033-102-153	SD-4C101-01	ED-4C410-35,G3	ED-4C561-20,G3
		130	CA65	ZA14	060-154-116	SD-4C098-01	131	133-102-153	SD-4C101-01	ED-4C410-35,G3C	ED-4C561-20,G3C
		132	CA66	ZA12	160-154-119	SD-4C098-01	133	033-102-149	SD-4C101-01	ED-4C410-35,G3A	ED-4C561-20,G3A
MTTY (TN83) CONTROL CABLES	134	CA67	ZA13	160-154-116	SD-4C098-01	135	133-102-149	SD-4C101-01	ED-4C410-35,G3B	ED-4C561-20,G3B	
		136	CA68	ZA9	033-102-345	SD-4C101-01	137	009-040-300	SD-4C065-01	ED-4C410-35,G2	ED-4C561-20,G2
		138	CA69	ZA10	033-102-132	SD-4C101-01	139	009-056-300	SD-4C065-01	ED-4C410-35,G2A	ED-4C561-20,G2A
		140	CA70	ZA29	133-102-345	SD-4C101-01	141	009-040-100	SD-4C065-01	ED-4C410-35,G11	ED-4C561-20,G11
		142	CA71	ZA30	133-102-132	SD-4C101-01	143	009-056-100	SD-4C065-01	ED-4C410-35,G11A	ED-4C561-20,G11A



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PROCESSOR CONTROL CABINET

DWG SIZE
6S

ISSUE
8M

AT&T

SD-4C119-01

SHEET
D7

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INFORMATION NOTES: (CONT)
307. (CONT)

FROM						TO					
						MODEL 2			MODEL 3		
TITLE (FUNCTION)	CAD	CA NO.	CA IDENT	EQL	UNIT SD	CAD	EQL	UNIT SD	CABLE DWG	CABLE DWG	COMMENTS
SCSD CABLES	144	CA72	ZA24	033-086-346	SD-4C101-01	145	009-134-100	SD-4C065-01	ED-4C410-35,G10		*
	146	CA73	ZA25	033-086-346	SD-4C101-01	147	009-134-104	SD-4C065-01	ED-4C410-35,G10A		
	148	CA74	ZA26	033-093-046	SD-4C101-01	149	009-134-108	SD-4C065-01	ED-4C410-35,G10B		
	150	CA75	ZA27	033-086-340	SD-4C101-01	151	009-040-122	SD-4C065-01	ED-4C410-35,G10C	ED-4C261-20,G10C	
	152	CA76	ZA28	033-086-353	SD-4C101-01	153	009-056-122	SD-4C065-01	ED-4C410-35,G10D	ED-4C261-20,G10D	
	156	CA85	ZA38	033-086-137	SD-4C101-01	157	060-162-306	SD-4C098-01	ED-4C410-35,G15	ED-4C261-20,G15	
	158	CA86	ZA39	033-086-333	SD-4C101-01	159	133-162-306	SD-4C101-01	ED-4C410-35,G15A	ED-4C261-20,G15A	
	160	CA87	ZA40	033-086-533	SD-4C101-01	161	051-074-306	SD-4C099-01	ED-4C410-35,G15B	ED-4C261-20,G15B	
	162	CA88	ZA41	133-086-337	SD-4C101-01	163	160-162-306	SD-4C098-01	ED-4C410-35,G15C	ED-4C261-20,G15C	
	164	CA89	ZA42	133-086-133	SD-4C101-01	165	033-162-306	SD-4C101-01	ED-4C410-35,G15D	ED-4C261-20,G15D	
	166	CA90	ZA43	133-093-033	SD-4C101-01	167	151-074-306	SD-4C099-01	ED-4C410-35,G15E	ED-4C261-20,G15E	
	168	CA91	ZA28A	133-086-346	SD-4C101-01	169	009-134-113	SD-4C065-01	ED-4C410-35,G10E		*
	170	CA92	ZA28B	133-086-346	SD-4C101-01	171	009-134-117	SD-4C065-01	ED-4C410-35,G10F		
	172	CA93	ZA28C	133-093-046	SD-4C101-01	173	009-134-121	SD-4C065-01	ED-4C410-35,G10G		
HCH (UN22B) CABLE	154	CA84		060-028-513	SD-4C098-01	155	160-028-513	SD-4C098-01	ED-4C217-10,G5	ED-4C561-20,G5	
CCIØ BUS CABLES TO IØ CH:01 (DSCH, UN9B) NO.5 ESS	174	CA95	CA95	051-096-000	SD-4C099-01	175	042-096-000	SD-4C097-01	ED-4C404-10,G7	ED-4C561-45,G7	
		CA96	CA96	051-096-013	SD-4C099-01		042-096-013	SD-4C097-01	ED-4C404-10,G7	ED-4C561-45,G7	
		CA97	CA97	051-096-200	SD-4C099-01		042-096-200	SD-4C097-01	ED-4C404-10,G8	ED-4C561-45,G8	
		CA98	CA98	051-096-400	SD-4C099-01		042-096-400	SD-4C097-01	ED-4C404-10,G8	ED-4C561-45,G8	
		CA99	CA99	051-102-000	SD-4C099-01		042-102-000	SD-4C097-01	ED-4C404-10,G9	ED-4C561-45,G9	
		CA100	CA100	051-102-013	SD-4C099-01		042-102-013	SD-4C097-01	ED-4C404-10,G9	ED-4C561-45,G10	

* THESE ALARM CABLES ARE REPLACED BY 5ESS APPLICATION CIRCUIT & CABLE DRAWINGS.

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PROCESSOR CONTROL CABINET			DWG SIZE 6S	ISSUE 8M
AT&T	SD-4C119-01		SHEET D8	

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INFORMATION NOTES: (CONT)

308. LISTED BELOW IS A PARTIAL VIEW OF MLPMB, CENTRAL PROCESSING UNIT, SD-4C098-01 (J1C147BA), SHOWING CABLE ASSY TERMINATIONS (WIRING SIDE, BAY 0).

EQL
FR UNIT
60 04

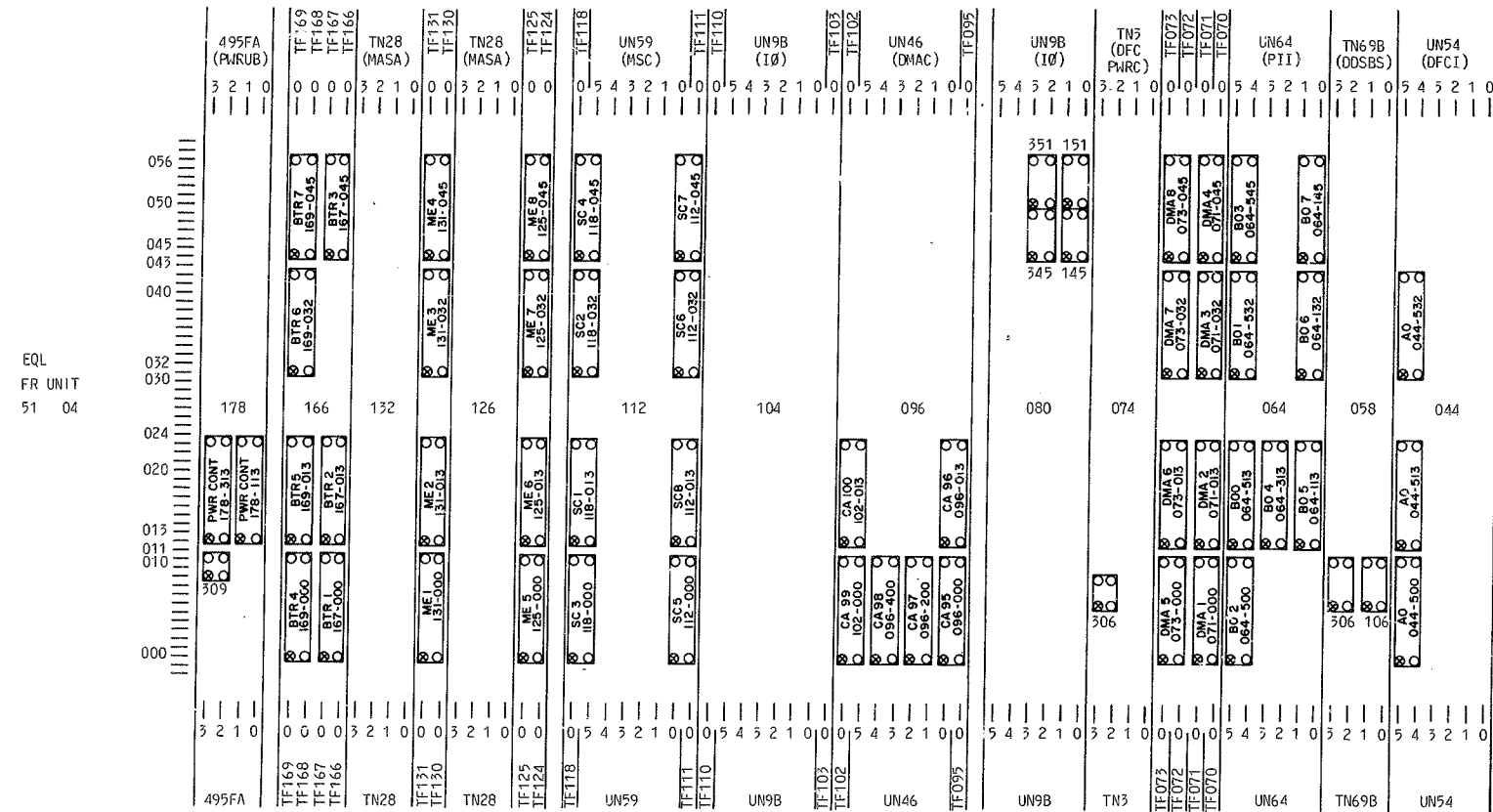
	495FA (PMRUB)	TN5 (PMR CONT)	TN10 (EAI)	UN133 (MASU)	UN5B (SREG 1)	MC4C076A1 (UN135) (MC)	UN22B (MCH)
	3 2 1 0	3 2 1 0	3 2 1 0	0 5 4 3 2 1 0 0	5 4 3 2 1 0 0 0	5 4 3 2 1 0 0 0	5 4 3 2 1 0
056				SC2 152-045			
050				SU7 146-445			
045				SU4 146-232			
043				SU6 146-245			
040				SC8 146-045			
032				SC1 152-032			
030				SU5 146-432			
024	178	162	154	146	092	066	028
020	319		119	SC4 152-013			513
013	316		116	SU3 146-013			
011	309	306		SC3 152-000			
010				SU2 146-400			
000				SU1 146-200			
				SC5 146-000			
	3 2 1 0	3 2 1 0	3 2 1 0	0 5 4 3 2 1 0 0	5 4 3 2 1 0 0 0	5 4 3 2 1 0 0 0	5 4 3 2 1 0
	495FA	TN5	TN10	UN133	UN5B	MC4C076A1 (UN135)	UN22B

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PROCESSOR CONTROL CABINET		DWG SIZE 6S	ISSUE 8M
AT&T	SD-4C119-01	SHEET D9	

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308A. LISTED BELOW IS A PARTIAL VIEW OF MLPWB OF MAIN STORE, IØ & DFC UNIT, SD-4C099-01 (J1C147BB), SHOWING CABLE ASSY TERMINATIONS (WIRING SIDE, BAY 0).



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DWG SIZE
6S

SHEET
D10

E-7421 (7-8)
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308B. LISTED BELOW IS A PARTIAL VIEW OF MLPWB OF MAIN STORE
& IOP GROWTH UNIT, SD-4C097-01 (J1C147BC), SHOWING
CABLE ASSY TERMINATIONS (WIRING SIDE, BAY 0).

[illegible]

PROCESSOR CONTROL CABINET

DWG SIZE	6S
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ISSUE
8M

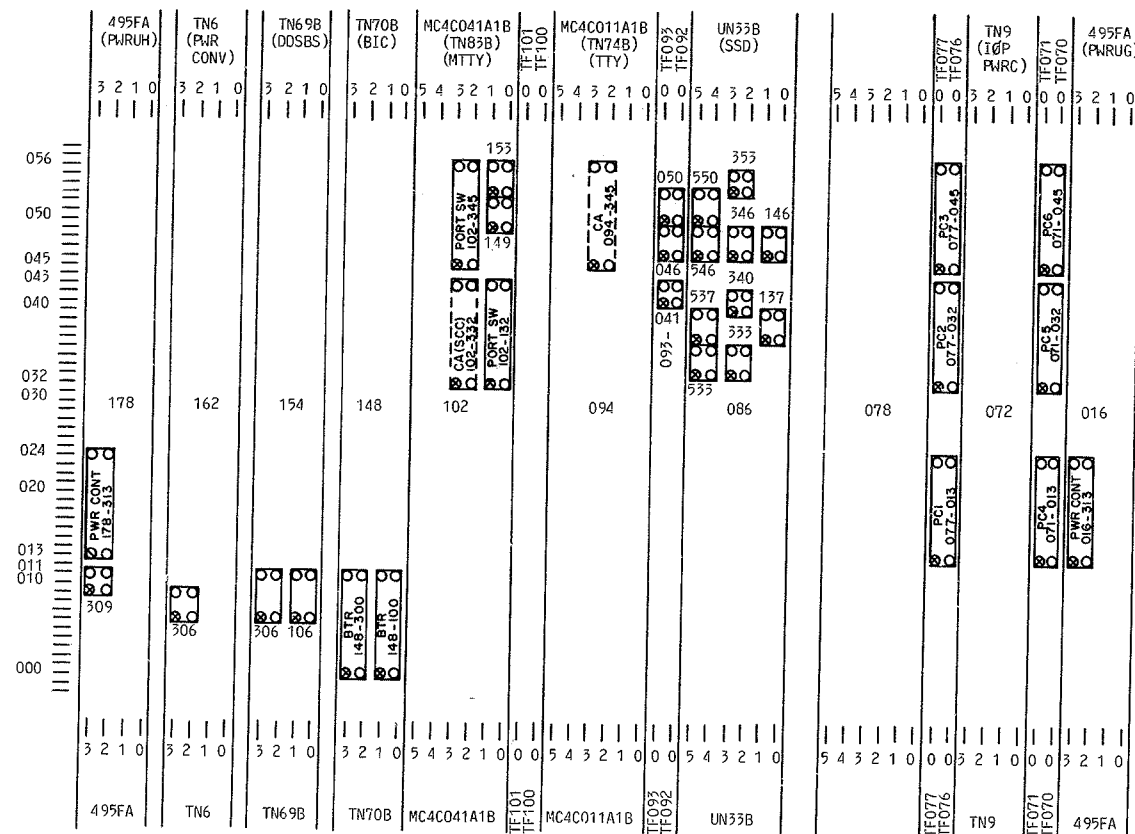
AT&T

SD-4C119-01

SHEET
DU

E-7421 (7-81)
PRINTED IN U.S.A.

308C. LISTED BELOW IS A PARTIAL VIEW OF MLPWB OF IØ
PROCESSOR BASIC UNIT, SD-4C101-01 (J1C1478D),
SHOWING CABLE ASSY TERMINATIONS (WIRING SIDE, BAY 0).



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PROCESSOR CONTROL CABINET

DWG SIZE
6S

ISSUE
8M
SHEET
D12

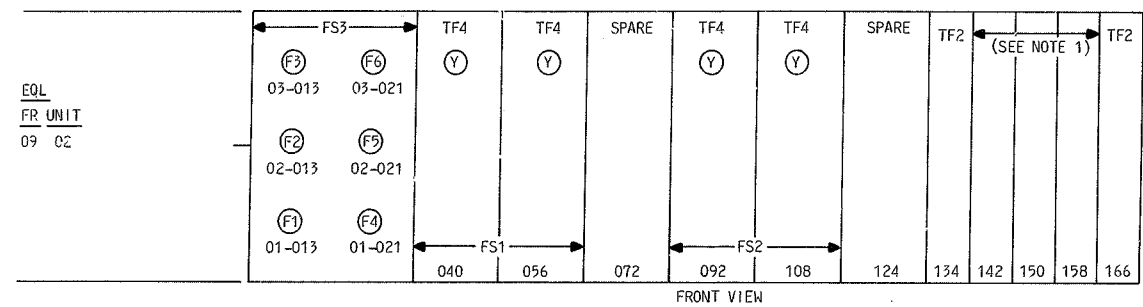
AT&T

SD-4C119-01

E-7421 (7-81)
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INFORMATION NOTES: (CONT)

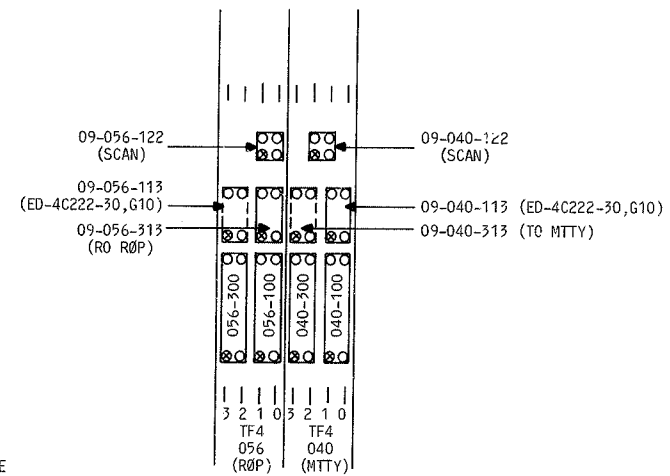
3080. LISTED BELOW IS A FRONT VIEW OF PORT SWITCH UNIT PER SD-4C065-01 (J1C130BC-1) & A PARTIAL REAR VIEW OF MLPWB SHOWING CABLE ASSY TERMINATIONS (WIRING SIDE).



NOTES:

1. TF2 CP IS A SCSD INTERFACE USED BETWEEN 3B20D PROCESSOR AND CUSTOMER EQUIPMENT.

WIRING SIDE



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PROCESSOR CONTROL CABINET		DWG SIZE 6S	ISSUE SM
AT&T	SD-4C119-01	SHEET D13	

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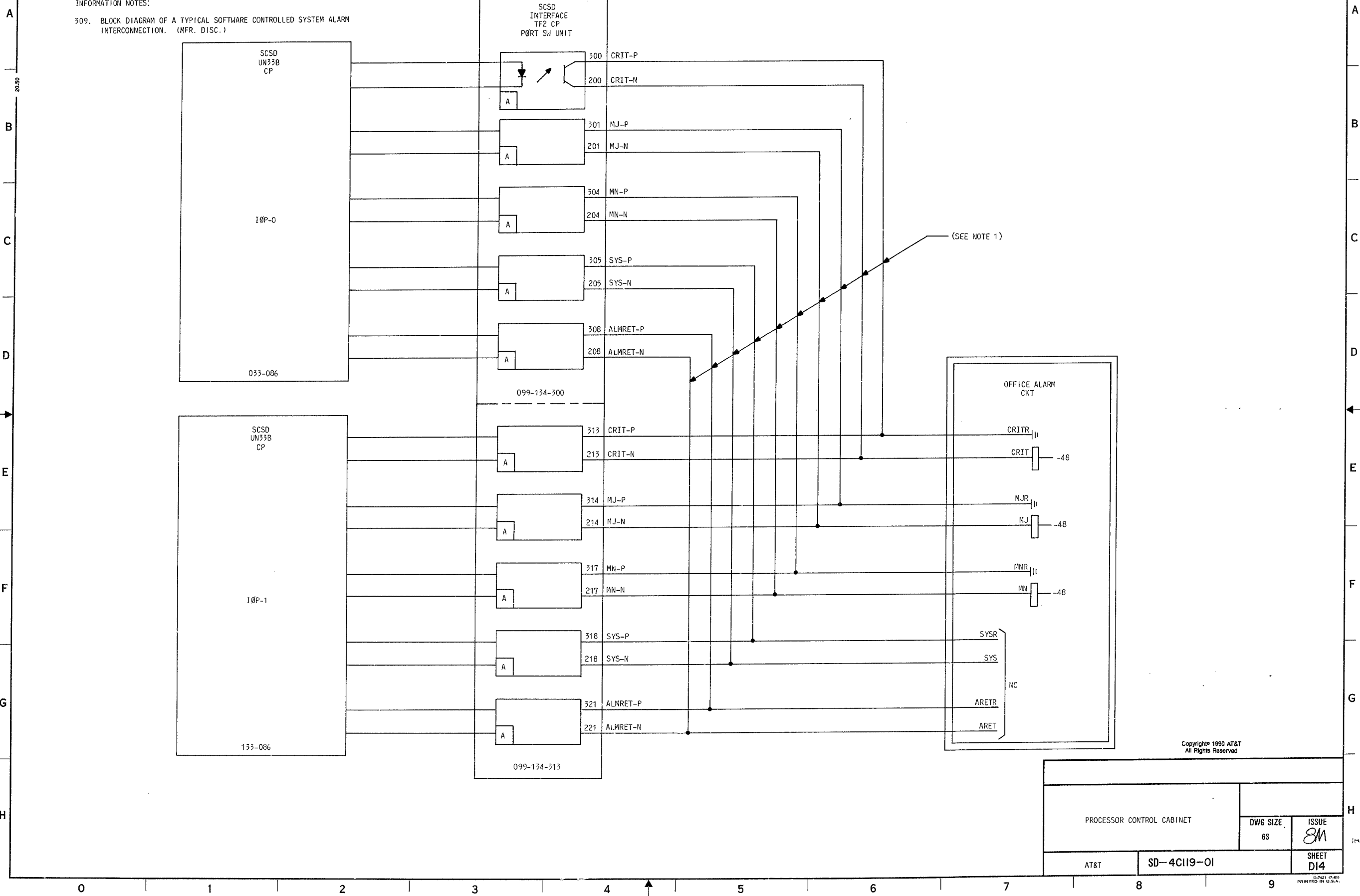
0 1 2 3 4 5 6 7 8 9

INFORMATION NOTES:

309. BLOCK DIAGRAM OF A TYPICAL SOFTWARE CONTROLLED SYSTEM ALARM INTERCONNECTION. (MFR. DISC.)

NOTE:

1. SEE USING SYSTEM CABLE ASSY. DRAWINGS FOR CONNECTORIZED CABLE ASSY.



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PROCESSOR CONTROL CABINET		
DWG SIZE 6S		ISSUE SM
AT&T	SD-4C119-01	SHEET D14

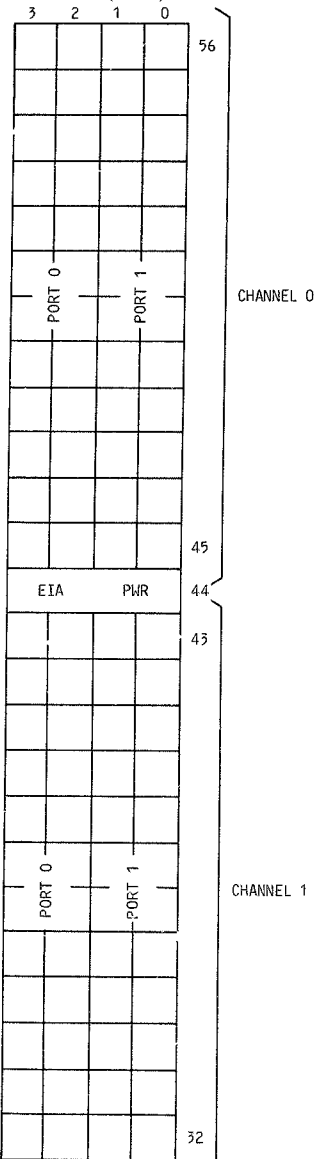
5-7421 07-81
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INFORMATION NOTES: (CONT)

310. MC4C011A1B (TN74B) ASYNCHRONOUS PERIPHERAL CONTROLLER PROVIDES ASYNCHRONOUS HALF, FULL DUPLEX, TWO CHANNELS, PORTS 0 EACH, WITH ISOLATED RS-232C INTERFACE WHICH COVERS ALL PRIVATE LINE (FULL, HALF DUPLEX) AND FULL DUPLEX DDD LEADS.

ASCII IN/OUT, BINARY IN/OUT STANDARD DATA RATES TO 9.6K TOTAL BIT RATE BOTH CHANNELS, BOTH DIRECTIONS NOT TO EXCEED 20K BPS (HALF, FULL DUPLEX). CONNECTION TO A PERIPHERAL DEVICE IS LIMITED TO 50 FEET.

MC4C011A1B (TN74B) BACKPLANE PORT CONNECTION ARE:



310. (CONT)

MC4C011A1B (TN74B) BACKPLANE CONNECTIONS FOR FULL DUPLEX DATA SETS ARE:

BACKPLANE								202T PRIVATE LINE OR 212A DDD	
CHANNEL 0				CHANNEL 1				EIA-NOTES 1,2 & 5	
PORT 0	TERM MOD	PORT 1	TERM MOD	PORT 0	TERM MOD	PORT 1	TERM MOD	DESIG	PIN
335	DTR 00P0	155	DTR 01P0	342	DTR 10P0	142	DTR 11P0	CO	20
255	SCA 00P0	055	SCA 01P0	242	SCA 10P0	042	SCA 11P0		
254	EPULL 000	054	EPULL 010	241	EPULL 100	041	EPULL 110		
353	BA 00P1	153	BA 01P1	340	BA 10P1	140	BA 11P1	BA	2
352	CFR 00P0	152	CFR 01P0	339	CFR 10P0	139	CFR 11P0	CF	8
252	RTS 00P0	052	RTS 01P0	239	RTS 10P0	039	RTS 11P0		
351	CCR 00P1	151	CCR 01P1	338	CCR 10P1	138	CCR 11P1	CC	6
251	CER 00P0	051	CER 01P0	238	CER 10P0	038	CER 11P0		
350	BBRC 00P1	150	BBRC 01P1	337	BBRC 10P1	137	BBRC 11P1	BB	3
349	CBR 00P0	149	CBR 01P0	336	CBR 10P0	136	CBR 11P0		
348	SCFR 00P0	148	SCFR 01P0	335	SCFR 10P0	135	SCFR 11P0		
345	ER8	145	ER4	332	ER7	132	ER3	AB	7
245	ER6	045	ER2	232	ER5	032	ER1		

MC4011A1B (TN74B) BACKPLANE CONNECTIONS FOR A MODEL 40/2 TTY ARE:

BACKPLANE								MODEL 40/2 TELETYPE	
CHANNEL 0				CHANNEL 1				EIA-NOTES 1,2,3,4 & 6	
PORT 0	TERM MOD	PORT 1	TERM MOD	PORT 0	TERM MOD	PORT 1	TERM MOD	DESIG	PIN
355	DTR 00P0	155	DTR 01P0	342	DTR 10P0	142	DTR 11P0	CC	6
255	SCA 00P0	055	SCA 01P0	242	SCA 10P0	042	SCA 11P0		
254	EPULL 000	054	EPULL 010	241	EPULL 100	041	EPULL 110		
353	BA 00P1	153	BA 01P1	340	BA 10P1	140	BA 11P1	BB	3
352	CFR 00P0	152	CFR 01P0	339	CFR 10P0	139	CFR 11P0		
252	RTS 00P0	052	RTS 01P0	239	RTS 10P0	039	RTS 11P0		
351	CCR 00P1	151	CCR 01P1	338	CCR 10P1	138	CCR 11P1	CD	20
251	CER 00P0	051	CER 01P0	238	CER 10P0	038	CER 11P0		
350	BBRC 00P1	150	BBRC 01P1	337	BBRC 10P1	137	BBRC 11P1	BA	8
349	CBR 00P0	149	CBR 01P0	336	CBR 10P0	136	CBR 11P0		
348	SCFR 00P0	148	SCFR 01P0	335	SCFR 10P0	135	SCFR 11P0		
345	ER8	145	ER4	332	ER7	132	ER3	AB	7
245	ER6	045	ER2	232	ER5	032	ER1		

310. (CONT)

MC4011A1B (TN74B) BACKPLANE CONNECTIONS FOR A MODEL 1203 CDI ARE:

BACKPLANE								COMPUTER DEVICES INC MODEL 1203	
CHANNEL 0				CHANNEL 1				EIA-NOTES 1,3	
PORT 0	TERM MOD	PORT 1	TERM MOD	PORT 0	TERM MOD	PORT 1	TERM MOD	DESIG	PIN
355	DTR 00P0	155	DTR 01P0	342	DTR 10P0	142	DTR 11P0		
255	SCA 00P0	055	SCA 01P0	242	SCA 10P0	042	SCA 11P0		
254	EPULL 000	054	EPULL 010	241	EPULL 100	041	EPULL 110		
353	BA 00P1	153	BA 01P1	340	BA 10P1	140	BA 11P1	BA	2
352	CFR 00P0	152	CFR 01P0	339	CFR 10P0	139	CFR 11P0		
252	RTS 00P0	052	RTS 01P0	239	RTS 10P0	039	RTS 11P0		
351	CCR 00P1	151	CCR 01P1	338	CCR 10P1	138	CCR 11P1	CC	6
251	CER 00P0	051	CER 01P0	238	CER 10P0	038	CER 11P0		
350	BBRC 00P1	150	BBRC 01P1	337	BBRC 10P1	137	BBRC 11P1	BB	3
349	CBR 00P0	149	CBR 01P0	336	CBR 10P0	136	CBR 11P0		
348	SCFR 00P0	148	SCFR 01P0	335	SCFR 10P0	135	SCFR 11P0		
345	ER8	145	ER4	332	ER7	132	ER3	AB	7
245	ER6	045	ER2	232	ER5	032	ER1		

NOTES: (X = CHANNEL, Y = PORT)

1. STRAP RTSXYP0 TO CBRXYP0 ON BACKPLANE CONNECTOR.
2. STRAP CA (PIN 4) TO CB (PIN 5) OF EIA CONNECTOR.
3. STRAP CFRXYP0 TO CCRXYP1 ON BACKPLANE CONNECTOR.
4. STRAP CF (PIN 8) TO CC (PIN 6) OF EIA CONNECTOR.
5. PRIVATE LINE FAR END DATA SET MUST BE SWITCHED TO CONTINUOUS CARRIER FOR DETECTION OF TERMINAL POWER OFF.
6. THESE CONNECTIONS ALSO APPLY FOR VT100, VT52, (DIGITAL ELECTRONICS CORP) AND AMD-3A (LEAR-SIEGLER) TERMINALS. SEE TERMINAL SPECS FOR TYPE OF TERMINAL CONNECTOR.

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PROCESSOR CONTROL CABINET		DWG SIZE 6S	ISSUE 8M
AT&T	SD-4C119-01		SHEET D15

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INFORMATION NOTES: (CONT)

311. 3B20D MODEL 2, DC POWER DISTRIBUTION OPTIONS SHOWING CIRCUIT PACK POWER ARRANGEMENTS 1-6 (CP PWR ARR 1-6) AND CURRENT PROGRAMMING RESISTOR NET ARRANGEMENTS 1-6. (SEE NOTE 302).

3B20D MODEL 2 (J1C173A-1) PROCESSING CONTROL
CABINET CIRCUIT PACK LOCATIONS

LEVEL 60

016	P5VA	495FA
020	P5VA	UN16B
028	P5VA	UN22B
036	P5VA	UN28B
042	P5VA	UN48B
050	P5VAB	UN48B*
058	P5VAA	UN48B*
066	P5VA	UN135
072	P5VA	UN135
078	P5VA	UN23C
084	P5VB	UN28
092	P5VB	UN38
098	P5VB	UN6B
104	P5VB	UN43B
110	P5VB	UN45B
118	P5VB	UN21
124	P5VBA	UN10B*
130	P5VBB	UN10B*
138	P5VB	UN11B
146	P5VB	UN133
154	P5VB	TN10
162	P5VB	TN5
178	P5VB	495FA

J1C147BA-1
UNIT
(SD-4C098-01)

LEVEL 51

016	P5VC	495FA
022	P5VC	TN68
028	P5VC	TN68
034	P5VC	TN68
040	P5VC	TEST
044	P5VC	UN54
052	P5VC	TN70B
058	P5VC	TN69B
064	P5VC	UN64
070	P5VC	TN3
080	P5VDA	UN9B*
088	P5VDB	UN46*
096	P5VD	UN46
104	P5VD	UN9B
112	P5VD	UN59
120	P5VD	TN28
126	P5VD	TN28
132	P5VD	TN28
138	P5VD	TN28
144	P5VD	TN28
150	P5VD	TN28
156	P5VD	TN28
162	P5VD	TN28
178	P5VD	495FA

J1C147BB-1
UNIT
(SD-4C099-01)

LEVEL 42

016	P5VE	495FA
024	P5VE	TN9
028	P5VE	PC33
034	P5VE	PC32
040	P5VE	PC31
046	P5VE	PC30
056	P5VE	TN9
062	P5VE	PC23
068	P5VE	PC22
074	P5VE	PC21
080	P5VE	PC20
088	P5VFA	I/O*
096	P5VFB	I/O*
104	P5VF	I/O
112	P5VF	I/O
120	P5VF	TN28
126	P5VF	TN28
132	P5VF	TN28
138	P5VF	TN28
144	P5VF	TN28
150	P5VF	TN28
156	P5VF	TN28
162	P5VF	TN28
178	P5VF	495FA

J1C147BC-1
UNIT
(SD-4C097-01)

LEVEL 33

016	P5VG	495FA
024	P5VJ	495FA
028	P5VJ	TN9
034	P5VJ	PC13
040	P5VJ	PC12
046	P5VJ	PC11
052	P5VJ	PC10
058	P5VH	TN9
064	P5VH	PC03
070	P5VH	PC02
076	P5VH	PC01
082	P5VH	PC00
088	P5VH	UN25
094	P5VH	UN25
100	P5VH	TN61R
106	P5VH	TN84
112	P5VH	TN84
118	P5VH	TEST
124	P5VH	TN70B
130	P5VH	TN69B
136	P5VH	TN6
142	P5VH	495FA
148	P5VH	495FA
154	P5VH	495FA
160	P5VH	495FA
166	P5VH	495FA
172	P5VH	495FA

J1C147BD-1
UNIT
(SD-4C101-01)

* CIRCUIT PACK PLACEMENTS THAT HAVE SEPARATE +5V POWER SEGMENTS

FIGURE 1

311. (CONT)

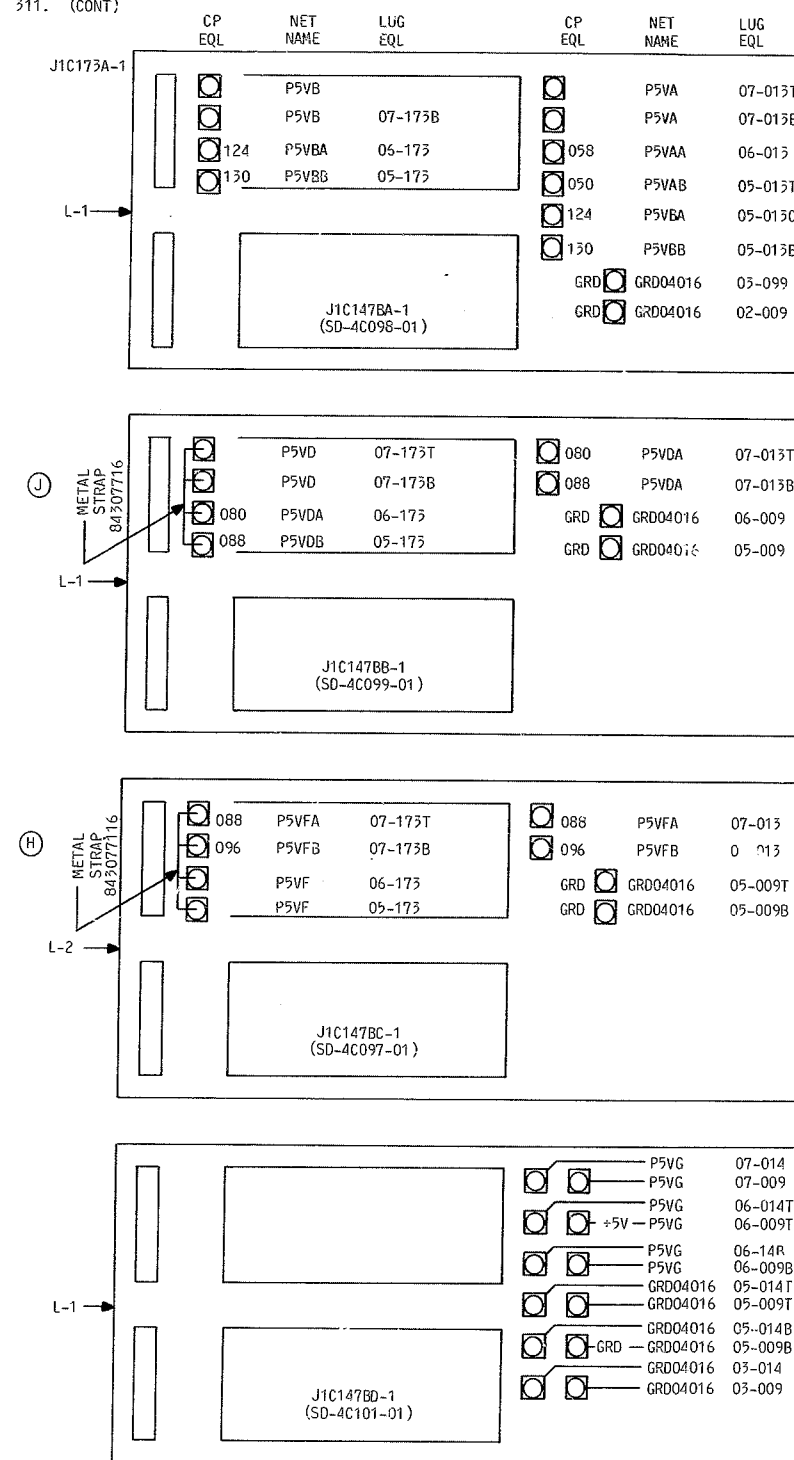


FIGURE 2 REAR VIEW

CP POWER ARRANGEMENT 1
BASIC LIST 1 & L-2 (J1C147BC-1
GROWTH UNIT) WHEN REQUIRED

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PROCESSOR CONTROL CABINET		DWG SIZE	ISSUE
		6S	8M
AT&T	SD-4C119-01	SHEET D16	

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INFORMATION NOTES: (CONT)

311. (CONT)

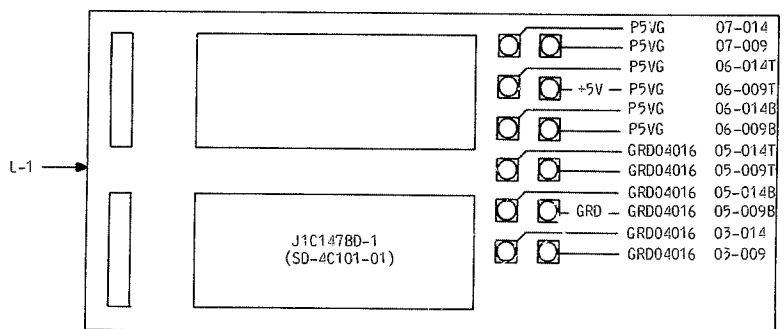
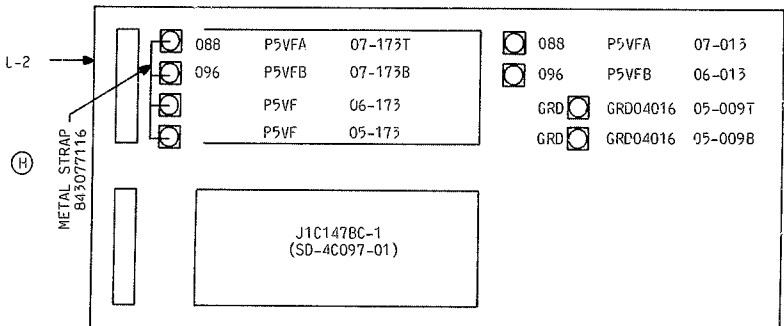
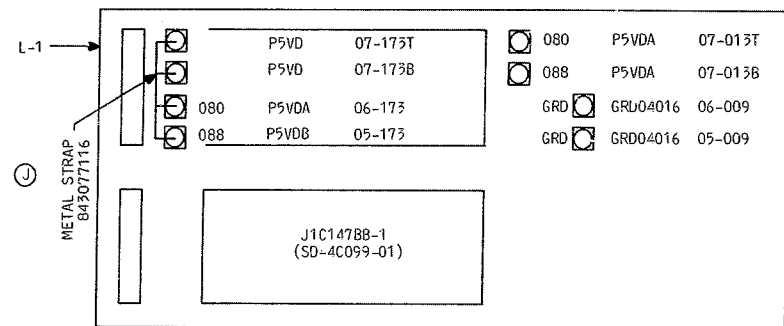
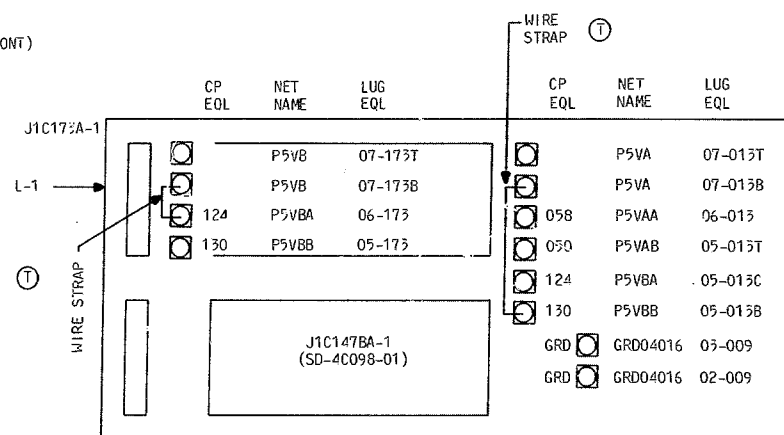


FIGURE 3 REAR VIEW

CP POWER ARRANGEMENT 2
CACHE MEMORY OPTION

311. (CONT)

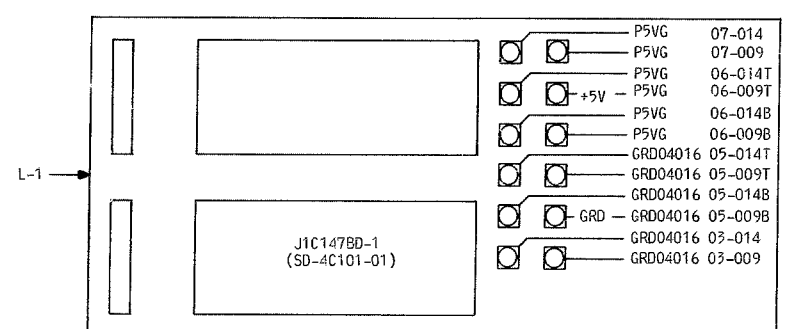
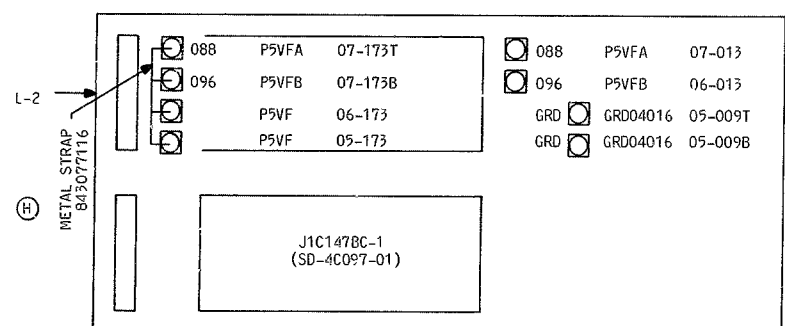
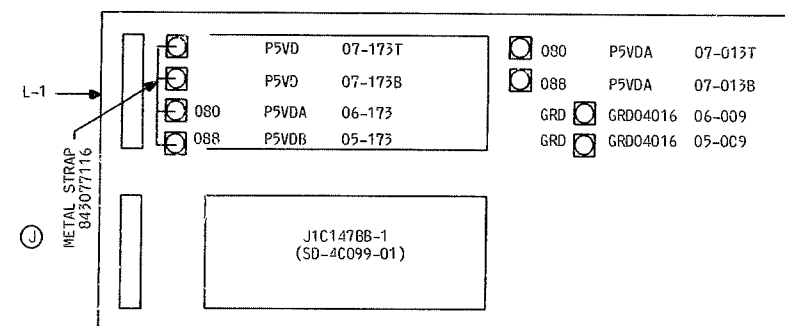
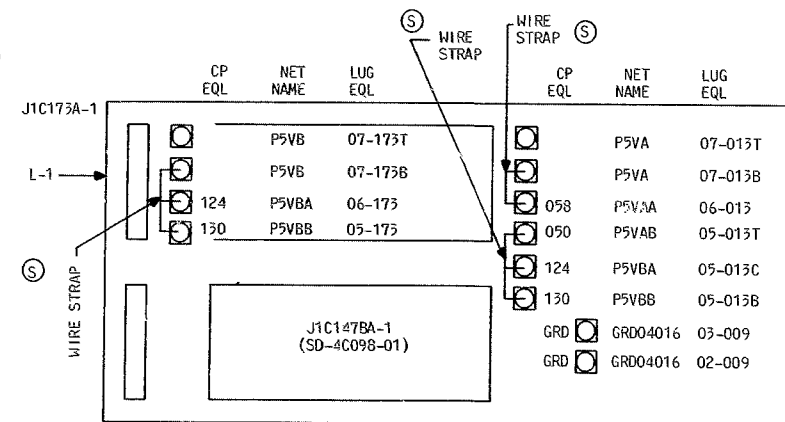


FIGURE 4 REAR VIEW

CP POWER ARRANGEMENT 3
CONTROL STORE OPTION

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PROCESSOR CONTROL CABINET		DWG SIZE	ISSUE
		6S	8M
AT&T	SD-4C119-01	SHEET	
		D17	

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INFORMATION NOTES: (CONT)
311. (CONT)

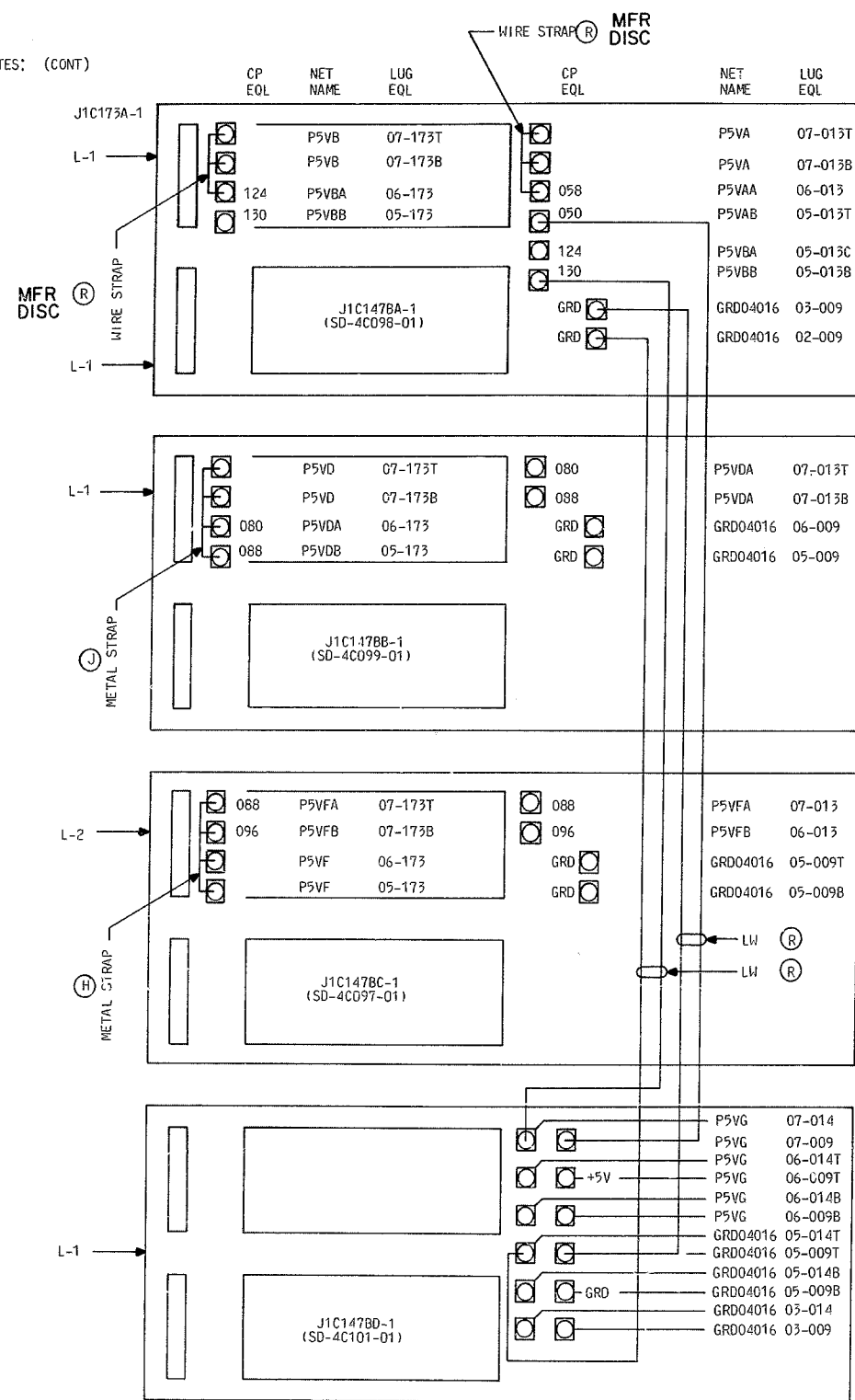


FIGURE 5
REAR VIEW
CP POWER ARRANGEMENT 4
CONTROL STORE AND CACHE OPTION
MFR DISC

311. (CONT)

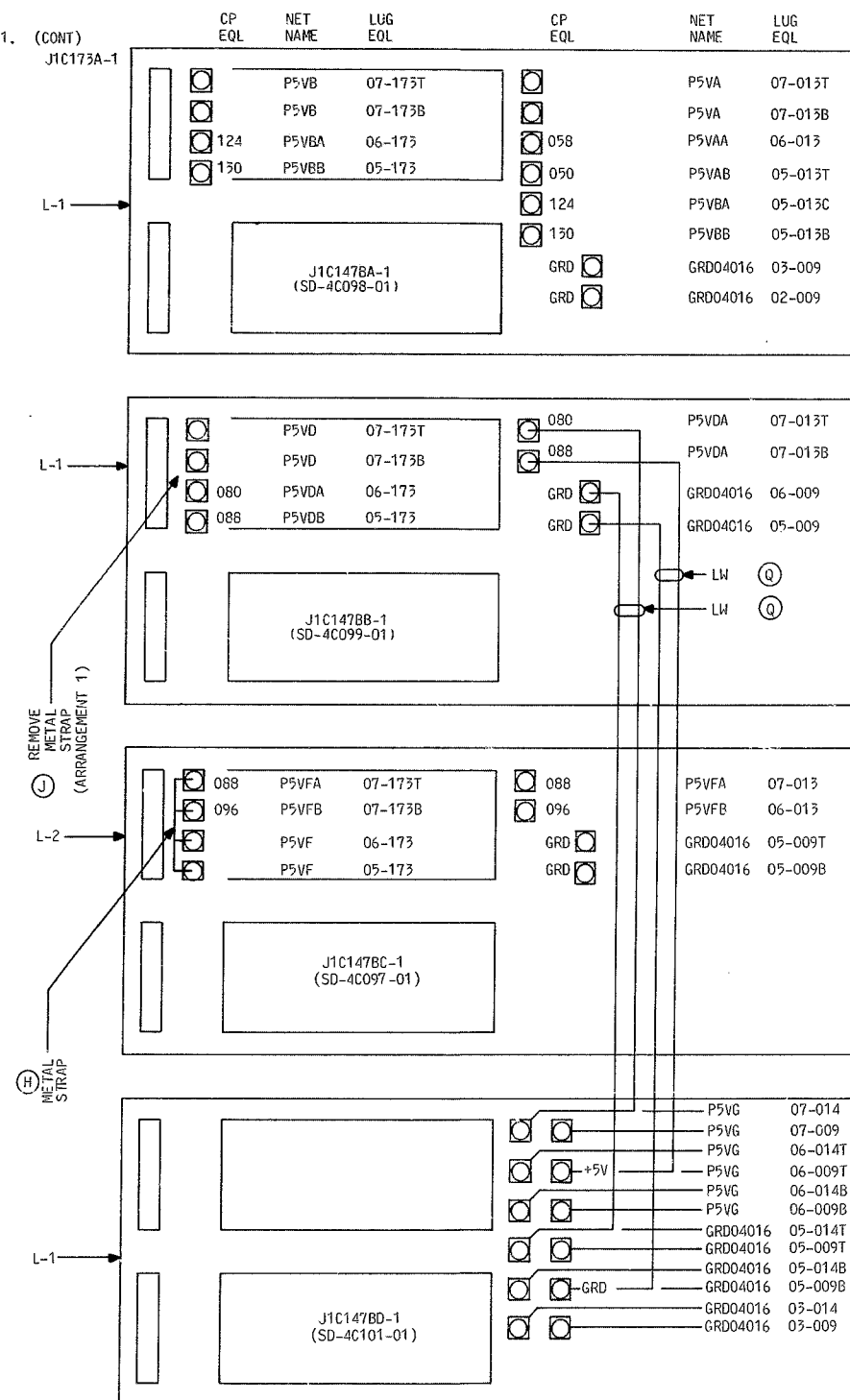


FIGURE 6
REAR VIEW
CP POWER ARRANGEMENT 5
SECOND DRAC OR I/O CHANNEL
EQUIPPING EOL 096 AND/OR 104
IN J1C147BB-1

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DWG SIZE
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ISSUE
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INFORMATION NOTES: (CONT)

311. (CONT)

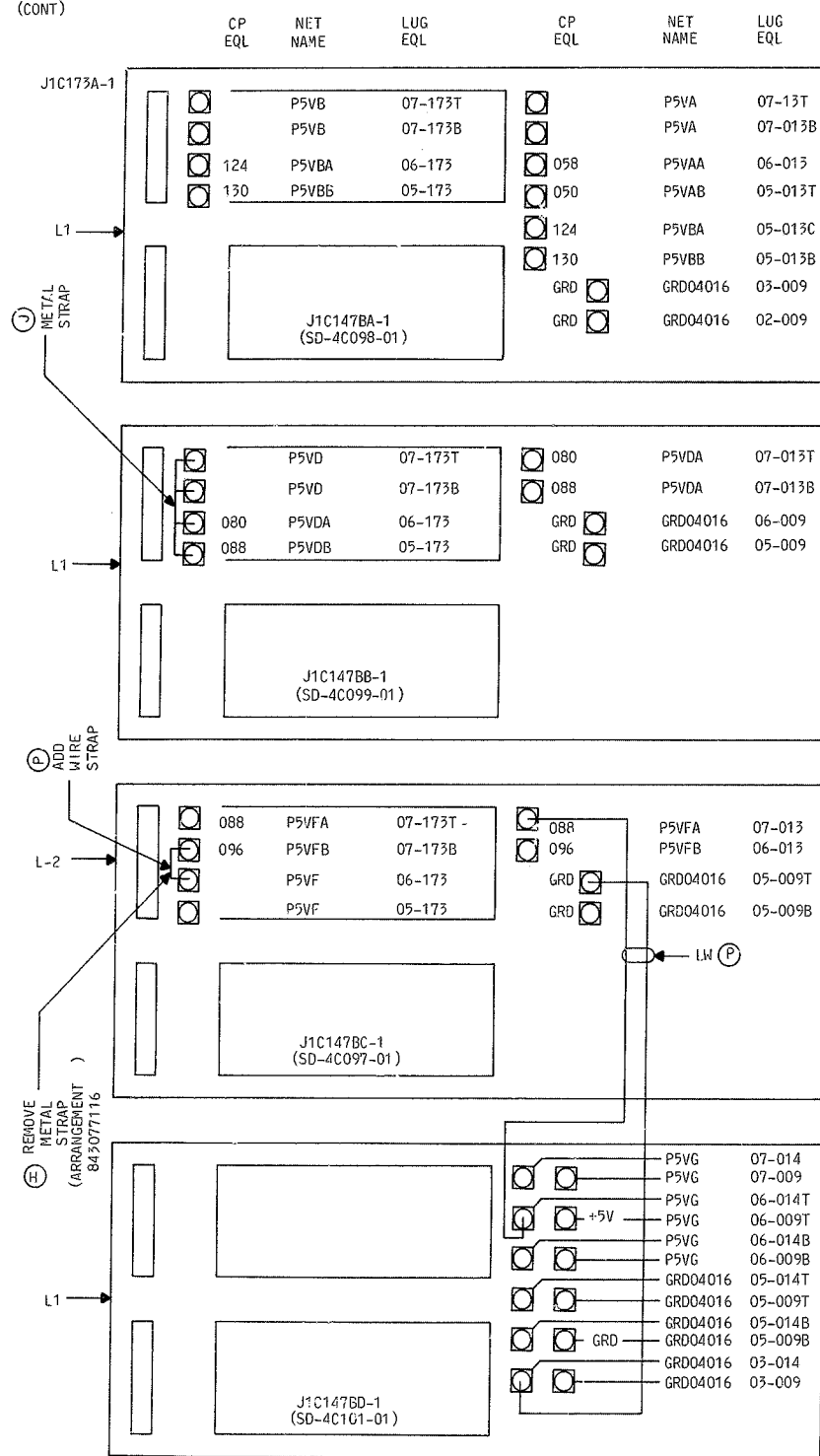


FIGURE 7

REAR VIEW

CP POWER ARRANGEMENT 6
FORTH IO CHANNEL IN GROWTH UNIT
EQUIPPING EQL 112
IN J1C147BC-1

311. (CONT)

3B20D MODEL 2 CURRENT PROGRAMMING RESISTOR NET WIRING FOR POWER ARRANGEMENT OPTIONS

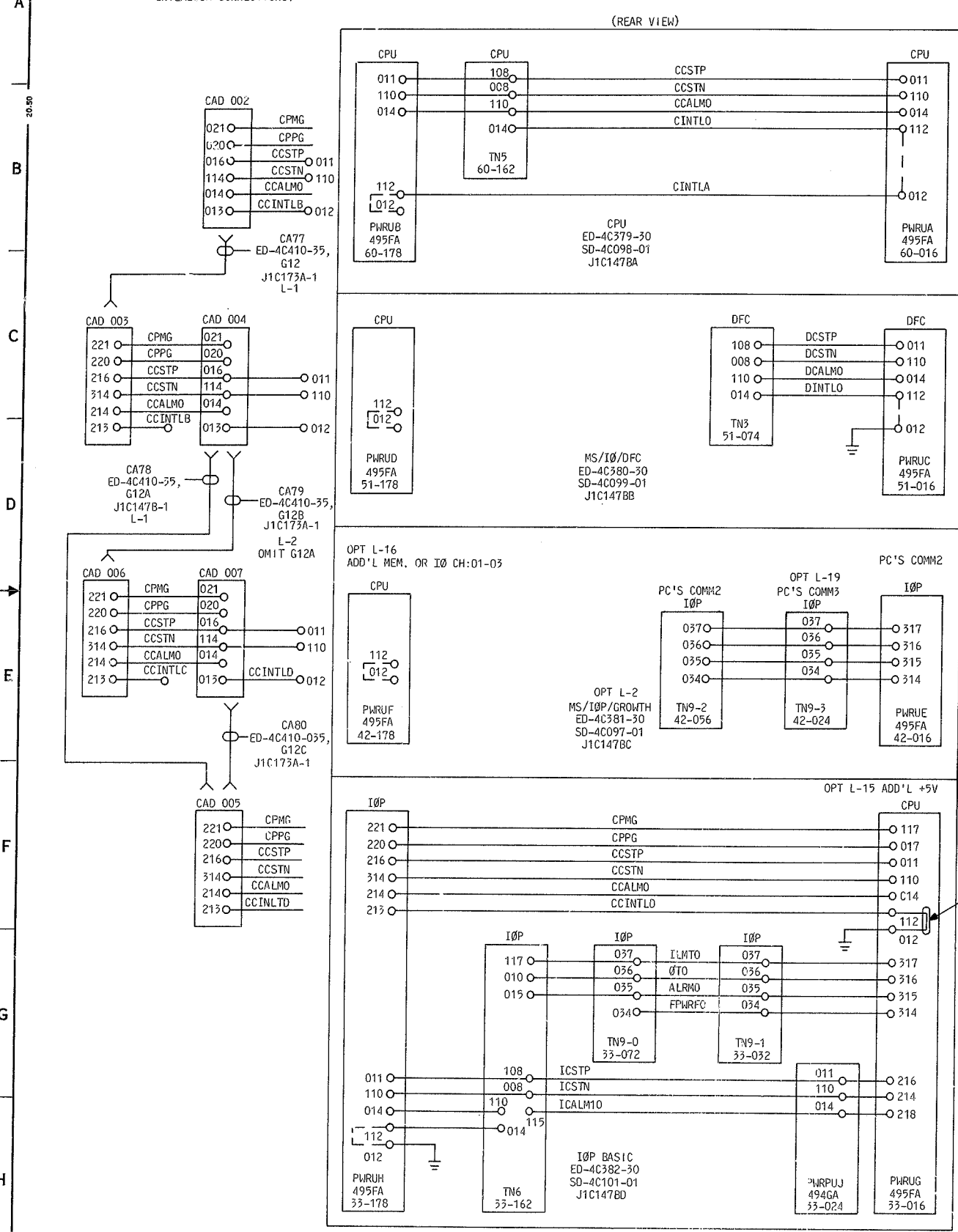
CP PWR ARRANGEMENT 1 (BASIC)				WRG OPTION
UNIT	FROM		TO	
J1C147BB-1 (SD-4C099-01)	CPMDA	04-080-511	CPMDB	N
	CPPDA	04-080-020	CPPDB	
	CPMDB	04-088-413	CPMD	
	CPPDB	04-088-313	CPPD	
J1C147BC-1 (SD-4C097-1)	CPMFA	04-088-511	CPMFB	M
	CPPFA	04-088-020	CPPFB	
	CPMFB	04-096-511	CPMF	
	CPPFA	04-096-020	CPPF	
CP PWR ARRANGEMENT 2 (CACHE MEMORY)				MFR DISC T
J1C147BA-1 (SD-4C098-01)	CPMBA	04-124-444	CPMB	
	CPPBA	04-124-244	CPPB	
	CPMBB	04-130-444	CPMA	
	CPPBB	04-130-244	CPPA	
CP PWR ARRANGEMENT 3 (CONTROL STORE)				S
J1C147BA-1 (SD-4C098-01)	CPMAB	04-050-238	CPMB	
	CPPAB	04-050-040	CPPB	
	CPMAA	04-058-238	CPMA	
	CPPAA	04-058-040	CPPA	
CP PWR ARRANGEMENT 4 (CACHE MEMORY & CONTROL STORE)				MFR DISC R OMIT S & T
J1C147BA-1 (SD-4C098-01)	CPMBA	04-124-444	CPMB	
	CPPBA	04-124-244	CPPB	
	CPMAA	04-058-238	CPMA	
	CPPAA	04-058-040	CPPA	
	CPMAB	04-050-238	CPMBB	
	CPPAB	04-050-040	CPPBB	
	CPMBB	04-130-444	CPMG	
	CPPBB	04-130-244	CPPG	
CP PWR ARRANGEMENT 5 (2ND DMAC &/OR I/O CH)				Q OMIT N
J1C147BB-1 (SD-4C099-01)	CPMDA	04-080-511	CPMDB	
	CPPDA	04-080-020	CPPDB	
	CPMDB	04-088-413	CPMG	
	CPPDB	04-088-313	CPPG	
CP PWR ARRANGEMENT 6 (4TH I/O)				P OMIT M
J1C147BC-1 (SD-4C097-01)	CPMFA	04-088-511	CPMG	
	CPPFA	04-088-020	CPPG	
	CPMFB	04-096-511	CPMF	
	CPPFB	04-096-020	CPPF	

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PROCESSOR CONTROL CABINET		
	DWG SIZE 6S	ISSUE 8M
AT&T	SD-4C119-01	SHEET D19

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312. 3B20D MODEL 2 POWER CONTROL CABLES AND POWER INTERLOCK CONNECTIONS.



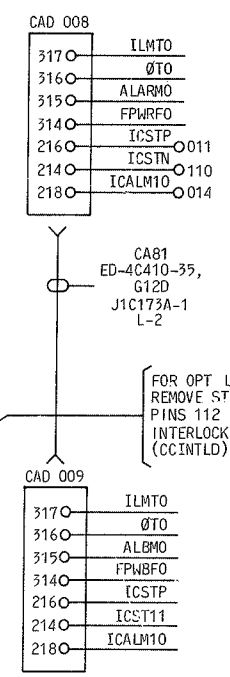
313. RECOMMENDED I/O CHANNEL APPLICATIONS ASSIGNMENTS FOR 3B20D MODEL 2 PROCESSOR (DMRT):

DMA CHANNELS	FRAME EQL	UNIT SD & J CODE
* CH10 DMAC0	051-088	SD-4C099-01 (J1C147BB)
* CH11 DI@CH11	051-080	
CH12 DI@CH12	051-104	
CH15 DMAC1	051-096	
CH16 DI@CH16	042-112	SD-4C097-01 (J1C147BC GROWTH UNIT)
CH17 DI@CH17	042-104	
PROGRAMMED I/O CHANNELS		
CH00 CCI@CH00	042-088	
CH01 CCI@CH01	042-096	
CH02 CCI@CH02	042-104	
CH03 CCI@CH03	042-112	

* ALWAYS FURNISHED WITH BASIC LIST.

314. THE STRAP TO ACTIVATE SSRO10 IS NEEDED IN TWO SITUATIONS:

- 1) AN R1-EMM 3B20D THAT WANTS TO EQUIP THE ENLARGED CACHE (UN616 & UN617) MUST STRAP 60-084-337 TO 60-084-335.
- 2) AN R6-VLMH 3B20D THAT WANTS TO EQUIP THE UN618 MAIN STORE CONTROLLER MUST STRAP 60-084-337 TO 60-084-335.



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PROCESSOR CONTROL CABINET		DWG SIZE 6S	ISSUE 9B
AT&T	SD-4C119-01	SHEET D20	

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CROSS - CONNECTION NOTES:

401. INTERRUPT CROSS CONNECTIONS FOR 3B20D MODEL 2.

TABLE A (*)						
IØ & DMAC CHAN INTERRUPT SOURCES						
IØ CKT	NET NAME	CKT PACK	MAIN STORE, IØ, 4DFC UNIT SD-4C099-01		CPU UNIT SD-4C078-01	
			CKT PACK	TEAM FIELD	TERM FIELD	
CH10	INT 100	UN46 (DMAC 0)	051-088-512	051-071-047	060-065-047	
CH11	INT 110		051-088-512	051-073-049	060-091-049	
CH12	INT 120		051-088-412	051-071-049	060-065-048	
CH15	INT 150	UN46 (DMAC 1)	051-096-512	051-071-049	060-065-049	
CH16	INT 160		051-096-512	051-071-050	060-065-050	
CH17	INT 170		051-096-412	051-071-051	060-065-051	
CH00	INT 000	UN46 (UNUSED TERM)	051-088-514	051-073-050	060-091-050	
	SER 000		051-088-513	051-073-051	060-091-051	
	INT 010		051-096-514	051-073-052	060-091-052	
CH01	SER 010		051-096-513	051-073-053	060-091-053	
	INT 020		051-096-521	051-073-054	060-091-054	
CH02	SER 020		051-096-518	051-073-055	060-091-055	
	INT 030		051-088-521	051-071-045	060-065-045	
CH03	SER 030		051-088-518	051-071-046	060-065-046	
			MAIN STORE & IØP CROWTH UNIT SD-4C097-01		MAIN STORE IØ & DFC SD-4C099-01	
			CKT PACK	TERM FIELD	CKT PACK	
CH00	INT 000	UN9B (DSCH) OR UN19B (ACHI) & (UNUSED TERM)			051-088-514	
	SER 000				051-088-513	
CH01	INT 010		042-096-514		051-096-514	
	SER 010		042-096-513		051-096-513	
	INT 020				051-096-521	
CH02	SER 020				051-096-518	
	INT 030				051-088-521	
CH03	SER 030				051-088-518	

CROSS CONNECT TO INTERRUPT SOURCE REGISTER
BITS IN TABLE B ACCORDING TO USER
REQUIREMENTS

(**)

TABLE B (*)		
INTERRUPT SOURCE REGISTER BITS		
CKT PACK	NET NAME	CPU UNIT SD-4C098-01 CKT PACK EQL
UN2B (SREG0)	SIS040	060-084-435
	SIS060	060-084-436
	SIS070	060-084-440
	SIS090	060-084-442
	SIS100	060-084-443
	SIS110	060-084-444
	SIS120	060-084-445
	SIS130	060-084-446
	SIS140	060-084-447
	SIS150	060-084-448

CROSS CONNECT INTERRUPT SOURCE REGISTER
BITS IN TABLE B ACCORDING
TO USER REQUIREMENTS

(*) SEE USING SYSTEM APPLICATION SCHEMATIC
FOR ASSIGNMENTS.

(**) DMERT FIXED ASSIGNMENT, CH 11 (INT 110),
060-091-049 CROSS CONNECTION TO INTERRUPT
SOURCE BIT (SIS100), 060-084-443 IS ALWAYS
FURNISHED IN UNIT SD AS NET "SIS100".

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PROCESSOR CONTROL CABINET

DWG SIZE
6S

ISSUE
8M

AT&T

SD-4C119-01

SHEET
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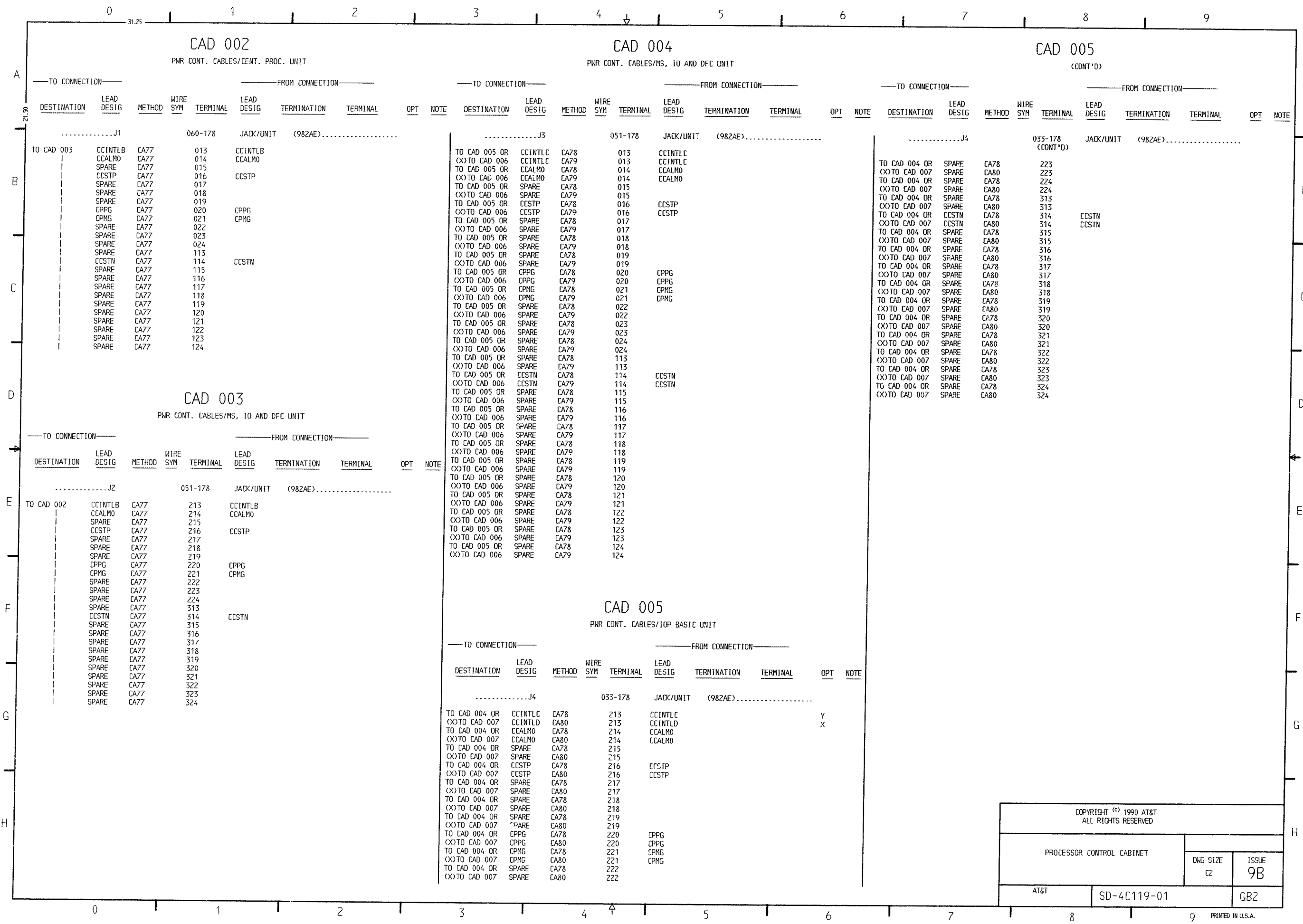


Diagram showing four CAD (Cable Assembly Drawing) sheets (CAD 006, CAD 007, CAD 008, CAD 009) and two COOLING UNIT ALM & START/CENT. PROC. UNIT sheets (CAD 010, CAD 011, CAD 012). Each sheet lists connections between destinations and terminals, including wire types (e.g., CCINTLC, CCALMO, SPARE, CCSTP, CPMG, CCSTN, ICSTN, ICALM10, FPHRFO, ALRMO, OT0, ILMTO) and terminal numbers (e.g., 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324).

CAD 006
PWR CONT. CABLES/MS AND IOP GROWTH UNIT

CAD 007
PWR CONT. CABLES/MS AND IOP GROWTH UNIT

CAD 008
PWR CONT. CABLES/MS AND IOP GROWTH UNIT

CAD 009
PWR CONT. CABLES/IOP BASIC UNIT

CAD 010
COOLING UNIT ALM & START/CENT. PROC. UNIT

CAD 011
COOLING UNIT ALM & START/MS, IO AND DFC UNIT

CAD 012
COOLING UNIT ALM & START/IOP BASIC UNIT

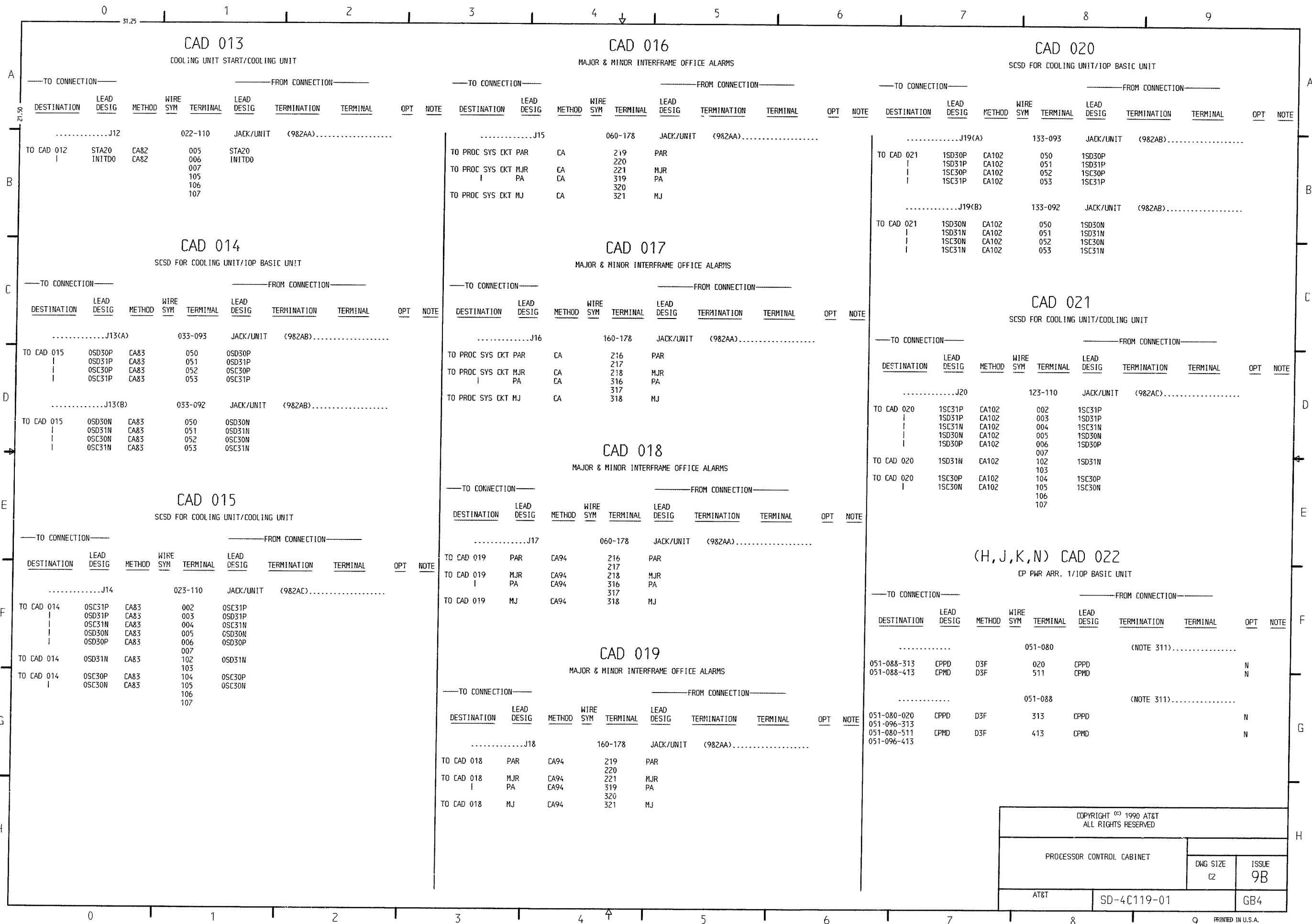
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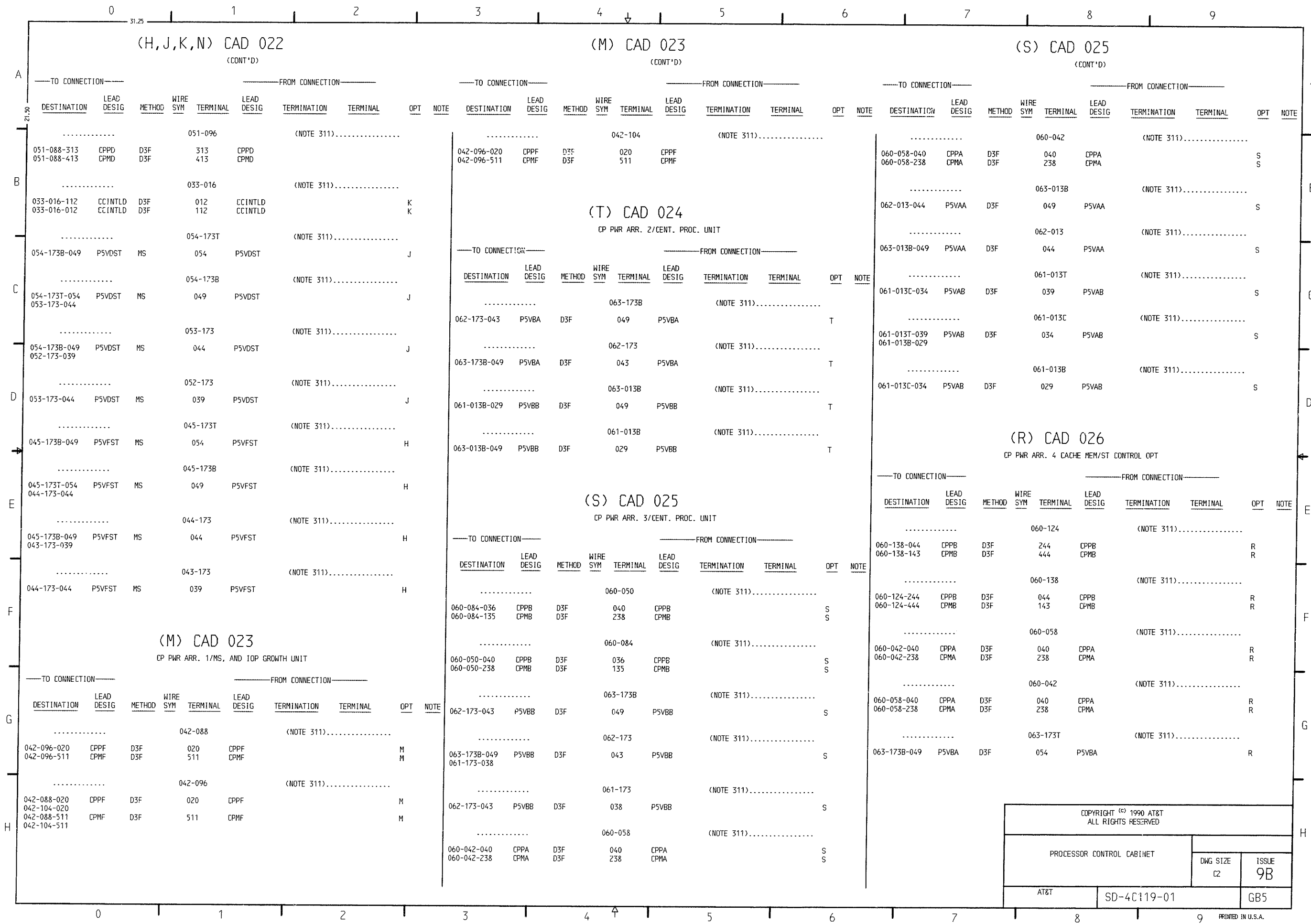
PROCESSOR CONTROL CABINET

DWG SIZE: C2
ISSUE: 9B

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SD-4C119-01
GB3

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(H,J,K,N) CAD 022
(CONT'D)

(M) CAD 023
(CONT'D)

(S) CAD 025
(CONT'D)

(T) CAD 024
CP PWR ARR. 2/CENT. PROC. UNIT

(R) CAD 026
CP PWR ARR. 4 CACHE MEM/ST CONTROL OPT

(S) CAD 025
CP PWR ARR. 3/CENT. PROC. UNIT

(M) CAD 023
CP PWR ARR. 1/MS. AND IOP GROWTH UNIT

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PROCESSOR CONTROL CABINET

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DWG SIZE
C2

ISSUE
9B

SD-4C119-01

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063-173T-054 062-173-043										063-173B 049										P5VBA										(NOTE 311)										051-088-313 051-088-413										LPPG CPMG										D3F D3F										020 511										CPPG CPMG										(NOTE 311)										042-104-020 042-104-511										CPPF CPMF										D3F D3F										020 511										CPPF CPMF										(NOTE 311)																																																																																																																																																																																																																																																									
063-173B-049										062-173 043										P5VBA										(NOTE 311)										051-080-020 051-178-020 051-080-511 051-178-021										CPPG CPMG										D3F D3F										313 413										CPPG CPMG										(NOTE 311)										042-096 042-096-511										CPPF CPMF										D3F D3F										020 511										CPPF CPMF										(NOTE 311)																																																																																																																																																																																																																																																									
063-013B-049										063-013T 054										P5VAA										(NOTE 311)										051-088-313 051-088-413										CPPG CPMG										D3F D3F										020 021										CPPG CPMG										(NOTE 311)										044-173-044										P5VF										D3F										049										P5VF										(NOTE 311)																																																																																																																																																																																																																																																									
062-013B-049										062-013 044										P5VAA										(NOTE 311)										036-014-052										P5VG										LW										054										P5VG										(NOTE 311)										045-173B-049										P5VF										D3F										044										P5VF										(NOTE 311)																																																																																																																																																																																																																																																									
060-130-244 060-130-444										060-050 040 238										CPPG CPMG										(NOTE 311)										034-014T-037										GRDP5G										LW										041										GRDP5G										(NOTE 311)										032-014-027										GRDP5G										LW										037										GRDP5G										(NOTE 311)																																																																																																																																																																																																																																																									
060-050-040 060-178-020 060-050-238 060-178-021										060-130 244 444										CPPG CPMG										(NOTE 311)										054-013T-054										P5VG										LW										052										P5VG										(NOTE 311)										043-009T-037										GRDP5G										LW										027										GRDP5G										(NOTE 311)																																																																																																																																																																																																																																																									
060-130-244 060-130-444										060-178 020 021										CPPG CPMG										(NOTE 311)										035-014T-047										P5VGA										LW										049										P5VGA										(NOTE 311)										043-009T-037										GRDP5G										LW										027										GRDP5G										(NOTE 311)																																																																																																																																																																																																																																																									
039-009-052										061-013T 039										P5VG										(NOTE 311)										034-009B-032										GRDP5GA										LW										035										GRDP5GA										(NOTE 311)										052-009										(NOTE 311)										052-009										(NOTE 311)										052-009										(NOTE 311)										052-009										(NOTE 311)																																																																																																																																																																																																																																					
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(F) CAD 029
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(NOTE 311)

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(NOTE 311)

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CAD 100										CAD 100										CAD 100										
STORE CONTROL CABLES/CENT. PROC. UNIT										(CONT'D)										(CONT'D)										
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DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J21(A) 060-146 JACK/UNIT (982BA)										J23(B) 060-152 (CONT'D) JACK/UNIT (982BA)										J26(A) 060-146 (CONT'D) JACK/UNIT (982AW)										
TO CAD 101	PWRCLRO	CA10		532	PWRCLRO						GRDCA12	CA12		005	GRDCA12						SA331	CA15			054	SA331				
	SA161	CA10		533	SA161						GRDCA12	CA12		006	GRDCA12						MYSERB0	CA15			055	MYSERB0				
	SA171	CA10		534	SA171						GRDCA12	CA12		007	GRDCA12									056						
	SA181	CA10		535	SA181						GRDCA12	CA12		008	GRDCA12															
	SA191	CA10		536	SA191						GRDCA12	CA12		009	GRDCA12															
	SA201	CA10		537	SA201						GRDCA12	CA12		010	GRDCA12															
	SA211	CA10		538	SA211									011																
	SA221	CA10		539	SA221																									
	SA231	CA10		540	SA231																									
	SA341	CA10		541	SA341																									
				542																										
				543																										
J21(B) 060-152 JACK/UNIT (982BA)										J24(A) 060-146 JACK/UNIT (982BB)										J26(B) 060-145 JACK/UNIT (982AW)										
TO CAD 101	GRDCA10	CA10		032	GRDCA10					TO CAD 101	NC	CA13		513	SA251							GRDCA15	CA15			045	GRDCA15			
	GRDCA10	CA10		033	GRDCA10						SD001	CA13		514	SD001							GRDCA15	CA15			046	GRDCA15			
	GRDCA10	CA10		034	GRDCA10						SD161	CA13		515	SD161							GRDCA15	CA15			047	GRDCA15			
	GRDCA10	CA10		035	GRDCA10						SD011	CA13		516	SD011							GRDCA15	CA15			048	GRDCA15			
	GRDCA10	CA10		036	GRDCA10						SD171	CA13		517	SD171							GRDCA15	CA15			049	GRDCA15			
	GRDCA10	CA10		037	GRDCA10						SD021	CA13		518	SD021							GRDCA15	CA15			050	GRDCA15			
	GRDCA10	CA10		038	GRDCA10						SD181	CA13		519	SD181							GRDCA15	CA15			051	GRDCA15			
	GRDCA10	CA10		039	GRDCA10						SD031	CA13		520	SD031							GRDCA15	CA15			052	GRDCA15			
	GRDCA10	CA10		040	GRDCA10						SD191	CA13		521	SD191							GRDCA15	CA15			053	GRDCA15			
	GRDCA10	CA10		041	GRDCA10						SCR311	CA13		522	SCR311							GRDCA15	CA15			054	GRDCA15			
	GRDCA10	CA10		042	GRDCA10									523												055	GRDCA15			
				043										524												056				
J22(A) 060-146 JACK/UNIT (982BA)										J24(B) 060-152 JACK/UNIT (982BB)										J27(A) 060-146 JACK/UNIT (982AY)										
TO CAD 101	SA001	CA11		545	SA001					TO CAD 101	GRDCA13	CA13		013	GRDCA13						TO CAD 101	MYSERD0	CA16			013	MYSERD0			
	SA011	CA11		546	SA011						GRDCA13	CA13		014	GRDCA13							SD081	CA16			014	SD081			
	SA021	CA11		547	SA021						GRDCA13	CA13		015	GRDCA13							SD241	CA16			015	SD241			
	SA031	CA11		548	SA031						GRDCA13	CA13		016	GRDCA13							SD091	CA16			016	SD091			
	SA041	CA11		549	SA041						GRDCA13	CA13		017	GRDCA13							SD251	CA16			017	SD251			
	SA051	CA11		550	SA051						GRDCA13	CA13		018	GRDCA13							SD101	CA16			018	SD101			
	SA061	CA11		551	SA061						GRDCA13	CA13		019	GRDCA13							SD261	CA16			019	SD261			
	SA071	CA11		552	SA071						GRDCA13	CA13		020	GRDCA13							SD111	CA16			020	SD111			
	SA321	CA11		553	SA321						GRDCA13	CA13		021	GRDCA13							SD271	CA16			021	SD271			
	MYSERA0	CA11		554	MYSERA0						GRDCA13	CA13		022	GRDCA13							MYSERCO	CA16			022	MYSERCO			
				555										023											023					
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J22(B) 060-152 JACK/UNIT (982BA)										J25(A) 060-146 JACK/UNIT (982AW)										J27(B) 060-145 JACK/UNIT (982AY)										
TO CAD 101	GRDCA11	CA11		045	GRDCA11					TO CAD 101	SD121	CA14		000	SD121						TO CAD 101	GRDCA16	CA16			013	GRDCA16			
	GRDCA11	CA11		046	GRDCA11						SD281	CA14		001	SD281							GRDCA16	CA16			014	GRDCA16			
	GRDCA11	CA11		047	GRDCA11						SD131	CA14		002	SD131							GRDCA16	CA16			015	GRDCA16			
	GRDCA11	CA11		048	GRDCA11						SD291	CA14		003	SD291							GRDCA16	CA16			016	GRDCA16			
	GRDCA11	CA11		049	GRDCA11						SD141	CA14		004	SD141							GRDCA16	CA16			017	GRDCA16			
	GRDCA11	CA11		050	GRDCA11						SD301	CA14		005	SD301							GRDCA16	CA16			018	GRDCA16			
	GRDCA11	CA11		051	GRDCA11						SD151	CA14		006	SD151							GRDCA16	CA16			019	GRDCA16			
	GRDCA11	CA11		052	GRDCA11						SD311	CA14		007	SD311							GRDCA16	CA16			020	GRDCA16			
	GRDCA11	CA11		053	GRDCA11						SD331	CA14		008	SD331							GRDCA16	CA16			021	GRDCA16			
	GRDCA11	CA11		054	GRDCA11									009								GRDCA16	CA16			022	GRDCA16			
	GRDCA11	CA11		055	GRDCA11						SD351	CA14		010	SD351										023	GRDCA16				
				056										011											024					
J23(A) 060-146 JACK/UNIT (982BA)										J25(B) 060-145 JACK/UNIT (982AW)										J28(A) 060-146 JACK/UNIT (982AW)										
TO CAD 101	SD041	CA12		500	SD041					TO CAD 101	GRDCA14	CA14		000	GRDCA14						TO CAD 101	SG00	CA17	</						

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DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J35(B) 051-111 JACK/UNIT (982AY)										J37(B) 060-064 JACK/UNIT (982AR)										J40(B) 060-064 JACK/UNIT (982AR)									
TO CAD 100	GRDCA16	CA16		045	GRDCA16															TO CAD 103	GRDCA21	CA21		045	GRDCA21				
	GRDCA16	CA16		046	GRDCA16																GRDCA21	CA21		046	GRDCA21				
	GRDCA16	CA16		047	GRDCA16																	GRDCA21	CA21		047	GRDCA21			
	GRDCA16	CA16		048	GRDCA16																	GRDCA21	CA21		048	GRDCA21			
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	GRDCA16	CA16		052	GRDCA16																	GRDCA21	CA21		052	GRDCA21			
	GRDCA16	CA16		053	GRDCA16																	GRDCA21	CA21		053	GRDCA21			
	GRDCA16	CA16		054	GRDCA16																	GRDCA21	CA21		054	GRDCA21			
	GRDCA16	CA16		055	GRDCA16																	GRDCA21	CA21		055	GRDCA21			
	GRDCA16	CA16		056	GRDCA16																	GRDCA21	CA21		056	GRDCA21			
J36(A) 051-112 JACK/UNIT (982AW)										J38(A) 060-065 JACK/UNIT (982AR)										J41(A) 060-091 JACK/UNIT (982AR)									
TO CAD 100	SG00	CA17		013	SG00															TO CAD 103	C10AK000	CA22		000	C10AK000				
	SA241	CA17		014	SA241																C10AK100	CA22		001	C10AK100				
	SCM0	CA17		015	SCM0																	C10AK200	CA22		002	C10AK200			
	WRT0	CA17		016	WRT0																	C10AK300	CA22		003	C10AK300			
	CLR0	CA17		017	CLR0																	C10AK400	CA22		004	C10AK400			
	SHALF0	CA17		018	SHALF0																	C10AK500	CA22		005	C10AK500			
	SBYTE0	CA17		019	SBYTE0																	C10D160	CA22		006	C10D160			
	SMAINT0	CA17		020	SMAINT0																	C10D170	CA22		007	C10D170			
	SCOMP0	CA17		021	SCOMP0																	C10D190	CA22		008	C10D190			
	SA351	CA17		022	SA351																	C10D180	CA22		009	C10D180			
				023																		C10D210	CA22		010	C10D210			
				024																		C10D200	CA22		011	C10D200			
J36(B) 051-111 JACK/UNIT (982AW)										J38(B) 060-064 JACK/UNIT (982AR)										J41(B) 060-090 JACK/UNIT (982AR)									
TO CAD 100	GRDCA17	CA17		013	GRDCA17															TO CAD 103	GRDCA22	CA22		000	GRDCA22				
	GRDCA17	CA17		014	GRDCA17																GRDCA22	CA22		001	GRDCA22				
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	GRDCA17	CA17		017	GRDCA17																	GRDCA22	CA22		004	GRDCA22			
	GRDCA17	CA17		018	GRDCA17																	GRDCA22	CA22		005	GRDCA22			
	GRDCA17	CA17		019	GRDCA17																	GRDCA22	CA22		006	GRDCA22			
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	GRDCA17	CA17		024	GRDCA17																	GRDCA22	CA22		011	GRDCA22			
J39(A) 060-065 JACK/UNIT (982AR)										J42(A) 060-091 JACK/UNIT (982AR)										J40(A) 060-064 JACK/UNIT (982AR)									
TO CAD 103	C10SAK0	CA20		032	C10SAK0															TO CAD 103	C10D230	CA23		013	C10D230				
	C10HND0	CA20		033	C10HND0																C10D220	CA23		014	C10D220				
	C10EACK0	CA20		034	C10EACK0																	C10D240	CA23		015	C10D240			
	C10RIND0	CA20		035	C10RIND0																	C10D250	CA23		016	C10D250			
	C10RST0	CA20		036	C10RST0																	C10D260	CA23		017	C10D260			
	C10RD0	CA20		037	C10RD0																	C10D270	CA23		018	C10D270			
	C10WCA0	CA20		038	C10WCA0																	C10D280	CA23		019	C10D280			
	C10KSR0	CA20		039	C10KSR0																	C10D290	CA23		020	C10D290			
	C10INH0	CA20		040	C10INH0																	C10D300	CA23		021	C10D300			
	C10IDL0	CA20		041	C10IDL0																	C10D310	CA23		022	C10D310			
	C10IAK0	CA20		042	C10IAK0																	C10D350	CA23		023	C10D350			
	C10CLE0	CA20		043	C10CLE0																	C10D340	CA23		024	C10D340			
J39(B) 060-064 JACK/UNIT (982AR)										J40(A) 060-065 JACK/UNIT (982AR)										J40(A) 060-065 JACK/UNIT (982AR)									
TO CAD 103	GRDCA20	CA20		032	GRDCA20															TO CAD 103	INT030	CA21		045	INT030				
	GRDCA20	CA20		033	GRDCA20																SER030								

CAD 102 (CONT'D)										CAD 103 DIRECT MEMORY ACCESS CABLES/MS, IO AND DFC UNIT										CAD 103 (CONT'D)									
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J42(B) 060-090 JACK/UNIT (982AR)										J45(A) 051-071 JACK/UNIT (982AR)										J47(B) 051-070 JACK/UNIT (982AR)									
TO CAD 103 GRDCA23 CA23 013 GRDCA23 014 GRDCA23 015 GRDCA23 016 GRDCA23 017 GRDCA23 018 GRDCA23 019 GRDCA23 020 GRDCA23 021 GRDCA23 022 GRDCA23 023 GRDCA23 024										TO CAD 102 C10D330 CA18 000 C10D320 CA18 001 C10D010 CA18 002 C10D040 CA18 003 C10D000 CA18 004 C10D020 CA18 005 C10D030 CA18 006 C10D070 CA18 007 C10D050 CA18 008 C10D090 CA18 009 C10D060 CA18 010 C10D120 CA18 011										TO CAD 102 GRDCA20 CA20 037 GRDCA20 CA20 038 GRDCA20 CA20 039 GRDCA20 CA20 040 GRDCA20 CA20 041 GRDCA20 CA20 042 GRDCA20 CA20 043									
J43(A) 060-091 JACK/UNIT (982AR)										J45(B) 051-070 JACK/UNIT (982AR)										J48(A) 051-071 JACK/UNIT (982AR)									
TO CAD 103 C10MR0 CA24 032 C10MR0 033 C10RDY0 CA24 034 C10CER0 CA24 035 C10ASW0 CA24 036 D1WRT0 CA24 037 DOWRT0 CA24 038 D1CLR0 CA24 039 D0CLR0 CA24 040 D1ABUS0 CA24 041 D0ABUS0 CA24 042 D1SCN0 CA24 043 D0SCN0 CA24										TO CAD 102 GRDCA18 CA18 000 GRDCA18 CA18 001 GRDCA18 CA18 002 GRDCA18 CA18 003 GRDCA18 CA18 004 GRDCA18 CA18 005 GRDCA18 CA18 006 GRDCA18 CA18 007 GRDCA18 CA18 008 GRDCA18 CA18 009 GRDCA18 CA18 010 GRDCA18 CA18 011										TO CAD 102 INT030 CA21 045 SER030 CA21 046 INT100 CA21 047 INT120 CA21 048 INT150 CA21 049 INT160 CA21 050 INT170 CA21 051 SPARE CA21 052 SPARE CA21 053 SPARE CA21 054 VLM00 CA21 055 SA251 CA21 056									
J43(B) 060-090 JACK/UNIT (982AR)										J46(A) 051-071 JACK/UNIT (982AR)										J48(B) 051-070 JACK/UNIT (982AR)									
TO CAD 103 GRDCA24 CA24 032 GRDCA24 033 GRDCA24 CA24 034 GRDCA24 CA24 035 GRDCA24 CA24 036 GRDCA24 CA24 037 GRDCA24 CA24 038 GRDCA24 CA24 039 GRDCA24 CA24 040 GRDCA24 CA24 041 GRDCA24 CA24 042 GRDCA24 CA24 043										TO CAD 102 C10D150 CA19 013 C10D080 CA19 014 C10D100 CA19 015 C10D110 CA19 016 C10D130 CA19 017 C10D140 CA19 018 C10AD000 CA19 019 C10AD100 CA19 020 C10AD200 CA19 021 C10AD300 CA19 022 C10AD400 CA19 023 C10AD500 CA19 024										TO CAD 102 GRDCA21 CA21 045 GRDCA21 CA21 046 GRDCA21 CA21 047 GRDCA21 CA21 048 GRDCA21 CA21 049 GRDCA21 CA21 050 GRDCA21 CA21 051 GRDCA21 CA21 052 GRDCA21 CA21 053 GRDCA21 CA21 054 GRDCA21 CA21 055 GRDCA21 CA21 056									
J44(A) 060-091 JACK/UNIT (982AR)										J46(B) 051-070 JACK/UNIT (982AR)										J49(A) 051-073 JACK/UNIT (982AR)									
TO CAD 103 D1SG00 CA25 045 D0SG00 CA25 046 D1DBUS0 CA25 047 D0DBUS0 CA25 048 INT110 CA25 049 INT000 CA25 050 SER000 CA25 051 INT010 CA25 052 SER010 CA25 053 INT020 CA25 054 SER020 CA25 055 SPARE CA25 056										TO CAD 102 GRDCA19 CA19 013 GRDCA19 CA19 014 GRDCA19 CA19 015 GRDCA19 CA19 016 GRDCA19 CA19 017 GRDCA19 CA19 018 GRDCA19 CA19 019 GRDCA19 CA19 020 GRDCA19 CA19 021 GRDCA19 CA19 022 GRDCA19 CA19 023 GRDCA19 CA19 024										TO CAD 102 C10AK000 CA22 000 C10AK100 CA22 001 C10AK200 CA22 002 C10AK300 CA22 003 C10AK400 CA22 004 C10AK500 CA22 005 C10D160 CA22 006 C10D170 CA22 007 C10D190 CA22 008 C10D180 CA22 009 C10D210 CA22 010 C10D200 CA22 011									
J44(B) 060-090 JACK/UNIT (982AR)										J47(A) 051-071 JACK/UNIT (982AR)										J49(B) 051-072 JACK/UNIT (982AR)									
TO CAD 103 GRDCA25 CA25 045 GRDCA25 CA25 046 GRDCA25 CA25 047 GRDCA25 CA25 048 GRDCA25 CA25 049 GRDCA25 CA25 050 GRDCA25 CA25 051 GRDCA25 CA25 052 GRDCA25 CA25 053 GRDCA25 CA25 054 GRDCA25 CA25 055 GRDCA25 CA25 056										TO CAD 102 C10SAK0 CA20 032 C10WDO CA20 033 C10EACK0 CA20 034 C10RINO CA20 035 C10RST0 CA20 036 C10RDO CA20 037 C10WCA0 CA20 038 C10RSR0 CA20 039 C10INH0 CA20 040 C10IDL0 CA20 041 C10IAK0 CA20 042 C10CLE0 CA20 043										TO CAD 102 GRDCA22 CA22 000 GRDCA22 CA22 001 GRDCA22 CA22 002 GRDCA22 CA22 003 GRDCA22 CA22 004 GRDCA22 CA22 005 GRDCA22 CA22 006 GRDCA22 CA22 007 GRDCA22 CA22 008 GRDCA22 CA22 009 GRDCA22 CA22 010 GRDCA22 CA22 011									
J47(B) 051-070 JACK/UNIT (982AR)										J47(B) 051-070 JACK/UNIT (982AR)																			
TO CAD 102 GRDCA20 CA20 032 GRDCA20 CA20 033 GRDCA20 CA20 034 GRDCA20 CA20 035 GRDCA20 CA20 036										TO CAD 102 GRDCA20 CA20 032 GRDCA20 CA20 033 GRDCA20 CA20 034 GRDCA20 CA20 035 GRDCA20 CA20 036																			

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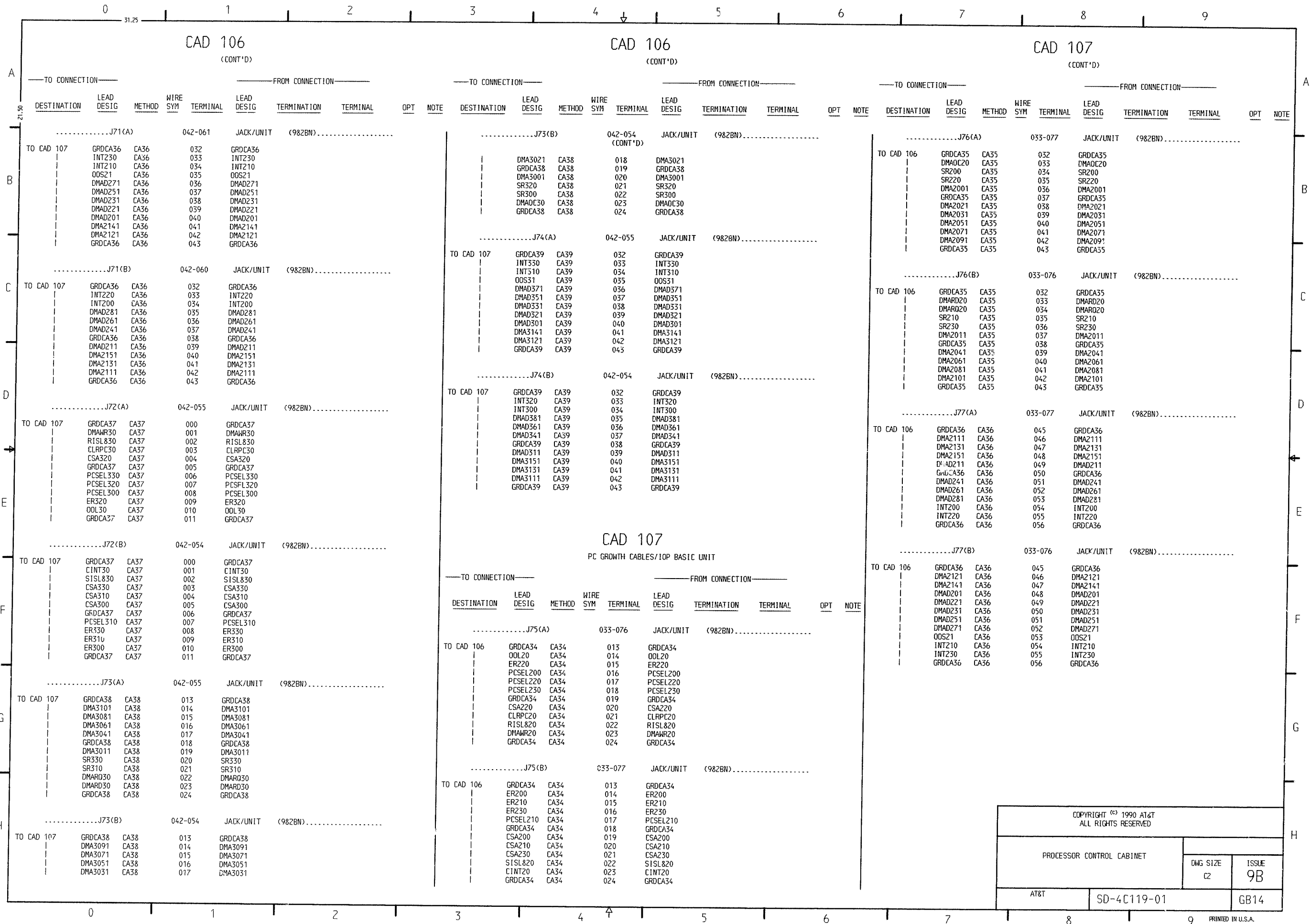
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CAD 105 (CONT'D)										CAD 105 (CONT'D)										CAD 106 PC GROWTH CABLES/MS AND TOP GROWTH UNIT											
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
J64(A) 042-131 JACK/UNIT (982FL)										J66(B) 042-124 (CONT'D) JACK/UNIT (982FL)										J69(A) 042-061 JACK/UNIT (982BN)											
TO CAD 104	D0000	CA29		045	D0000															TO CAD 107	GRDCA34	CA34		000	GRDCA34						
	D0080	CA29		046	D0080																			001	DMAHR20	CA34	002	R1SL820			
	D0010	CA29		047	D0010																			002	R1SL820	CA34	003	CLRPC20			
	D0090	CA29		048	D0090																			003	CLRPC20	CA34	004	CSA220			
	SPARE	CA29		049																				004	CSA220	CA34	005	GRDCA34			
	D0020	CA29		050	D0020																			005	GRDCA34	CA34	006	PCSEL230			
	D0100	CA29		051	D0100																			006	PCSEL230	CA34	007	PCSEL220			
	SPARE	CA29		052																				007	PCSEL220	CA34	008	PCSEL200			
	D0030	CA29		053	D0030																			008	PCSEL200	CA34	009	ER220			
	D0110	CA29		054	D0110																			009	ER220	CA34	010	00L20			
	SPARE	CA29		055																				010	00L20	CA34	011	GRDCA34			
	SPARE	CA29		056																											
J64(B) 042-130 JACK/UNIT (982FL)										J67(A) 042-125 JACK/UNIT (982FL)										J69(B) 042-060 JACK/UNIT (982BN)											
TO CAD 104	GRDCA29	CA29		045	GRDCA29															TO CAD 107	GRDCA34	CA34		000	GRDCA34						
	GRDCA29	CA29		046	GRDCA29																			001	CINT20	CA34	002	S1SL820			
	GRDCA29	CA29		047	GRDCA29																			002	S1SL820	CA34	003	CSA230			
	GRDCA29	CA29		048	GRDCA29																			003	CSA230	CA34	004	CSA210			
	GRDCA29	CA29		049	GRDCA29																			004	CSA210	CA34	005	CSA200			
	GRDCA29	CA29		050	GRDCA29																			005	CSA200	CA34	006	GRDCA34			
	GRDCA29	CA29		051	GRDCA29																			006	GRDCA34	CA34	007	PCSEL210			
	GRDCA29	CA29		052	GRDCA29																			007	PCSEL210	CA34	008	ER230			
	GRDCA29	CA29		053	GRDCA29																			008	ER230	CA34	009	ER210			
	GRDCA29	CA29		054	GRDCA29																			009	ER210	CA34	010	ER200			
	GRDCA29	CA29		055	GRDCA29																			010	ER200	CA34	011	GRDCA34			
	GRDCA29	CA29		056	GRDCA29																										
J65(A) 042-125 JACK/UNIT (982FL)										J67(B) 042-124 JACK/UNIT (982FL)										J70(A) 042-061 JACK/UNIT (982BN)											
TO CAD 104	SPARE	CA30		000																TO CAD 107	GRDCA35	CA35		013	GRDCA35						
	SPARE	CA30		001																				014	DMA2101	CA35	015	DMA2081			
	D0200	CA30		002	D0200																			015	DMA2081	CA35	016	DMA2061			
	D0280	CA30		003	D0280																			016	DMA2061	CA35	017	DMA2041			
	SPARE	CA30		004																				017	DMA2041	CA35	018	GRDCA35			
	D0210	CA30		005	D0210																			018	GRDCA35	CA35	019	DMA2011			
	D0290	CA30		006	D0290																			019	DMA2011	CA35	020	SR230			
	SPARE	CA30		007																				020	SR230	CA35	021	SR210			
	D0220	CA30		008	D0220																			021	SR210	CA35	022	DMARG20			
	EADP0	CA30		009	EADP0																			022	DMARG20	CA35	023	DMARD20			
	DPA00	CA30		010	DPA00																			023	DMARD20	CA35	024	GRDCA35			
	A0171	CA30		011	A0171																			024	GRDCA35	CA35					
J65(B) 042-124 JACK/UNIT (982FL)										J68(A) 042-125 JACK/UNIT (982FL)										J70(B) 042-060 JACK/UNIT (982BN)											
TO CAD 104	GRDCA30	CA30		000	GRDCA30															TO CAD 107	GRDCA35	CA35		013	GRDCA35						
	GRDCA30	CA30		001	GRDCA30																			014	DMA2091	CA35	015	DMA2071			
	GRDCA30	CA30		002	GRDCA30																			015	DMA2071	CA35	016	DMA2051			
	GRDCA30	CA30		003	GRDCA30																			016	DMA2051	CA35	017	DMA2031			
	GRDCA30	CA30		004	GRDCA30																			017	DMA2031	CA35	018	DMA2021			
	GRDCA30	CA30		005	GRDCA30																			018	DMA2021	CA35	019	GRDCA35			
	GRDCA30	CA30		006	GRDCA30																			019	GRDCA35	CA35	020	DMA2001			
	GRDCA30	CA30		007	GRDCA30																			020	DMA2001	CA35	021	SR220			
	GRDCA30	CA30		008	GRDCA30																			021	SR220	CA35	022	SR200			
	GRDCA30	CA30		009	GRDCA30																			022	SR200	CA35	023	DMAOC20			
	GRDCA30	CA30		010	GRDCA30																			023	DMAOC20	CA35	024	GRDCA35			
	GRDCA30	CA30		011	GRDCA30																										
J66(A) 042-125 JACK/UNIT (982FL)										J68(B) 042-124 JACK/UNIT (982FL)																					
TO CAD 104	D0300	CA31		013	D0300																										
	D0230	CA31		014	D0230																										
	D0310	CA31		015	D0310																			</							



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CAD 107 (CONT'D)										CAD 107 (CONT'D)										CAD 108 (CONT'D)									
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J78(A) 033-071 JACK/UNIT (982BN)										J80(B) 033-070 (CONT'D) JACK/UNIT (982BN)										J83 160-146 (CONT'D) JACK/UNIT (982AN)									
TO CAD 106	GRDCA37	CA37		013	GRDCA37																								
	ER300	CA37		014	ER300																								
	ER310	CA37		015	ER310																								
	ER330	CA37		016	ER330																								
	PCSEL310	CA37		017	PCSEL310																								
	GRDCA37	CA37		018	GRDCA37																								
	CSA300	CA37		019	CSA300																								
	CSA310	CA37		020	CSA310																								
	CSA330	CA37		021	CSA330																								
	SISL830	CA37		022	SISL830																								
	CINT30	CA37		023	CINT30																								
	GRDCA37	CA37		024	GRDCA37																								
J78(B) 033-070 JACK/UNIT (982BN)										J81 160-146 JACK/UNIT (982AP)										J84 160-146 JACK/UNIT (982AM)									
TO CAD 106	GRDCA37	CA37		013	GRDCA37																								
	QDL30	CA37		014	QDL30																								
	FR320	CA37		015	FR320																								
	PCSEL300	CA37		016	PCSEL300																								
	PCSEL320	CA37		017	PCSEL320																								
	PCSEL330	CA37		018	PCSEL330																								
	GRDCA37	CA37		019	GRDCA37																								
	CSA320	CA37		020	CSA320																								
	CLRPC30	CA37		021	CLRPC30																								
	RISL830	CA37		022	RISL830																								
	DMAMR30	CA37		023	DMAMR30																								
	GRDCA37	CA37		024	GRDCA37																								
J79(A) 033-071 JACK/UNIT (982BN)										J82 160-146 JACK/UNIT (982AP)										J83 160-146 JACK/UNIT (982AN)									
TO CAD 106	GRDCA38	CA38		032	GRDCA38																								
	DMAD330	CA38		033	DMAD330																								
	SR300	CA38		034	SR300																								
	SR320	CA38		035	SR320																								
	DMA3001	CA38		036	DMA3001																								
	GRDCA38	CA38		037	GRDCA38																								
	DMA3021	CA38		038	DMA3021																								
	DMA3031	CA38		039	DMA3031																								
	DMA3051	CA38		040	DMA3051																								
	DMA3071	CA38		041	DMA3071																								
	DMA3091	CA38		042	DMA3091																								
	GRDCA38	CA38		043	GRDCA38																								
J79(B) 033-070 JACK/UNIT (982BN)										J82 160-146 JACK/UNIT (982AP)										J83 160-146 JACK/UNIT (982AN)									
TO CAD 106	GRDCA38	CA38		032	GRDCA38																								
	DMARD30	CA38		033	DMARD30																								
	DMARD30	CA38		034	DMARD30																								
	SR310	CA38		035	SR310																								
	SR330	CA38		036	SR330																								
	DMA3011	CA38		037	DMA3011																								
	GRDCA38	CA38		038	GRDCA38																								
	DMA3041	CA38		039	DMA3041																								
	DMA3061	CA38		040	DMA3061																								
	DMA3081	CA38		041	DMA3081																								
	DMA3101	CA38		042	DMA3101																								
	GRDCA38	CA38		043	GRDCA38																								
J80(A) 033-071 JACK/UNIT (982BN)										J83 160-146 JACK/UNIT (982AN)										J84 160-146 JACK/UNIT (982AM)									
TO CAD 106	GRDCA39	CA39		045	GRDCA39																								
	DMA3111	CA39		046	DMA3111																								
	DMA3131	CA39		047	DMA3131																								
	DMA3151	CA39		048	DMA3151																								
	DMAD311	CA39		049	DMAD311																								
	GRDCA39	CA39		050	GRDCA39																								
	DMAD341	CA39		051	DMAD341																								
	DMAD361	CA39		052	DMAD361																								
	DMAD381	CA39		053	DMAD381																								
	INT300	CA39		054	INT300																								
	INT320	CA39		055	INT320																								
	GRDCA39	CA39		056	GRDCA39																								
J80(B) 033-070 JACK/UNIT (982BN)										J83 160-146 JACK/UNIT (982AN)										J84 160-146 JACK/UNIT (982AM)									
TO CAD 106	GRDCA39	CA39		045	GRDCA39																								
	DMA3121	CA39		046	DMA3121																								
	DMA3141	CA39		047	DMA3141																								
	DMAD301	CA39		048	DMAD301																								
	DMAD321	CA39		049	DMAD321																								

CAD 108 (CONT'D)										CAD 109 STORE UPDATE CABLES(BAY 0)/CENT. PROC. UNIT										CAD 109 (CONT'D)										
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....J85										J88										J91										
160-146 JACK/UNIT (982AM)										060-146 JACK/UNIT (982AP)										060-146 JACK/UNIT (982AM)										
TO CAD 109	GRDCA44	CA44		332						TO CAD 108	SUD121	CA40		100						TO CAD 108	GRDCA43	CA43		132						
	SPARE	CA44		333	GRDCA44						SUD131	CA40		101	SUD121						OSG00	CA43		133	GRDCA43					
	SPARE	CA44		334							GRDCA40	CA40		102	SUD131						GRDCA43	CA43		134	OSG00					
	SPARE	CA44		335							SUD141	CA40		103	GRDCA40						OSCM0	CA43		135	GRDCA43					
	SUERD1	CA44		336							SUD151	CA40		104	SUD141						SPARE	CA43		136	OSCM0					
	GRDCA44	CA44		337	SUERD1						GRDCA40	CA40		105	SUD151						GRDCA43	CA43		137	GRDCA43					
	SUERA1	CA44		338	GRDCA44						SUD241	CA40		106	GRDCA40						UUPD0	CA43		138	UUPD0					
	OCLR10	CA44		339	SUERA1						GRDCA40	CA40		107	SUD241						UABUS0	CA43		139	UABUS0					
	OWRTO	CA44		340	OCLR10						SUD251	CA40		108	GRDCA40						UABUS0	CA43		140	UABUS0					
	GRDCA44	CA44		341	OWRTO						SUD261	CA40		109	SUD251						GRDCA43	CA43		141	GRDCA43					
				342	GRDCA44									110	SUD261								142	GRDCA43						
				432										200									232							
				433										201									233							
TO CAD 109	SPARE	CA44		434						TO CAD 108	SUD281	CA40		202	SUD281						TO CAD 108	GRDCA43	CA43		234	GRDCA43				
	SPARE	CA44		435							SUD291	CA40		203	SUD291							USG00	CA43		235	USG00				
	SPARE	CA44		436							SUD301	CA40		204	SUD301							GRDCA43	CA43		236	GRDCA43				
	SPARE	CA44		437							GRDCA40	CA40		205	GRDCA40							USCM0	CA43		237	USCM0				
	SOERD1	CA44		438	SOERD1						SUD311	CA40		206	SUD311							SPARE	CA43		238	GRDCA43				
	GRDCA44	CA44		439	GRDCA44						SUD081	CA40		207	SUD081							GRDCA43	CA43		239	GRDCA43				
	SOERA1	CA44		440	SOERA1						SUD091	CA40		208	SUD091							UUPD0	CA43		240	UUPD0				
	UCLR0	CA44		441	UCLR0						GRDCA40	CA40		209	GRDCA40							ODBUS0	CA43		241	ODBUS0				
	UWRTO	CA44		442	UWRTO						SUD101	CA40		210	SUD101							OABUS0	CA43		242	OABUS0				
	GRDCA44	CA44		443	GRDCA44						SUD111	CA40		211	SUD111							GRDCA43	CA43		243	GRDCA43				
.....J86										J89										J92										
160-146 JACK/UNIT (982AM)										060-146 JACK/UNIT (982AP)										060-146 JACK/UNIT (982AM)										
TO CAD 109	SUA001	CA45		145	SUA001					TO CAD 108	SUD041	CA41		300						TO CAD 108	GRDCA44	CA44		332						
	GRDCA45	CA45		146	GRDCA45						SUD051	CA41		301	SUD041							SPARE	CA44		333	GRDCA44				
	SUA011	CA45		147	SUA011						GRDCA41	CA41		302	SUD051							SPARE	CA44		334					
	SUA021	CA45		148	SUA021						SUD061	CA41		303	GRDCA41							SPARE	CA44		335					
	SUA031	CA45		149	SUA031						SUD071	CA41		304	SUD061							SPARE	CA44		336					
	SUA041	CA45		150	SUA041						GRDCA41	CA41		305	SUD071							SUERD1	CA44		337	SUERD1				
	GRDCA45	CA45		151	GRDCA45						SUD161	CA41		306	GRDCA41							GRDCA44	CA44		338	GRDCA44				
	SUA051	CA45		152	SUA051						SUD171	CA41		307	SUD161							SUERA1	CA44		339	SUERA1				
	GRDCA45	CA45		153	GRDCA45						SUD181	CA41		308	SUD171							OCLR10	CA44		340	OCLR10				
	SUA061	CA45		154	SUA061						SUD191	CA41		309	SUD181							OWRTO	CA44		341	OWRTO				
				155										310	SUD191							GRDCA44	CA44		342	GRDCA44				
				156										400										432						
TO CAD 109	SPARE	CA45		245						TO CAD 108	SUD201	CA41		401	SUD201						TO CAD 108	SPARE	CA44		433					
	SUA141	CA45		246	SUA141						SUD211	CA41		402	SUD211							SPARE	CA44		434					
	GRDCA45	CA45		247	GRDCA45						SUD221	CA41		403	SUD221							SPARE	CA44		435					
	SPARE	CA45		248							GRDCA41	CA41		404	GRDCA41							SPARE	CA44		436					
	SUA151	CA45		249	SUA151						SUD231	CA41		405	SUD231							SPARE	CA44		437					
	SUA331	CA45		250	SUA331						SUD001	CA41		406	SUD001							SOERD1	CA44		438	SOERD1				
	SUA071	CA45		251	SUA071						SUD011	CA41		407	SUD011							GRDCA44	CA44		439	GRDCA44				
	GRDCA45	CA45		252	GRDCA45						GRDCA41	CA41		408	GRDCA41							SOERA1	CA44		440	SOERA1				
	SPARE	CA45		253							SUD021	CA41		409	SUD021							UCLR0	CA44		441	UCLR0				
	SUA321	CA45		254	SUA321						SUD031	CA41																		

CAD 109 (CONT'D)										CAD 110 (CONT'D)										CAD 111 DFC DATA CABLES/MS,IO AND DFC UNIT											
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....J93..... 060-146 JACK/UNIT (982AN).....										A01..... 051-044 JACK/UNIT (982DH).....										B00..... 051-064 JACK/UNIT (982GB).....											
TO CAD 108	SUA001	CA45		145	SUA001															TO PROC SYS CKT	FRGRD00A	CA48									
	GRDCA45	CA45		146	GRDCA45																										
	SUA011	CA45		147	SUA011																										
	SUA021	CA45		148	SUA021																										
	SUA031	CA45		149	SUA031																										
	SUA041	CA45		150	SUA041																										
	GRDCA45	CA45		151	GRDCA45																										
	SUA051	CA45		152	SUA051																										
	GRDCA45	CA45		153	GRDCA45																										
	SUA061	CA45		154	SUA061																										
				155																											
				156																											
				245																											
TO CAD 108	SUA141	CA45		246	SUA141					TO PROC SYS CKT	TXCMD04N	CA47		413	TXCMD04N																
	GRDCA45	CA45		247	GRDCA45					AND 051-044-432				414	TXCMD05N																
	SPARE	CA45		248						TO PROC SYS CKT	TXCMD05N	CA47		414	TXCMD05N																
	SUA151	CA45		249	SUA151					AND 051-044-433				415	TXCMD06N																
	SUA331	CA45		250	SUA331					TO PROC SYS CKT	TXCMD06N	CA47		415	TXCMD06N																
	SUA071	CA45		251	SUA071					AND 051-044-434				416	TXCMD07N																
	GRDCA45	CA45		252	GRDCA45					TO PROC SYS CKT	TXCMD07N	CA47		416	TXCMD07N																
	SPARE	CA45		253						AND 051-044-435				417	TXCMD08N																
	SUA321	CA45		254	SUA321					TO PROC SYS CKT	TXCMD08N	CA47		417	TXCMD08N																
				255						AND 051-044-436				418	TXCMD09N																
				256						TO PROC SYS CKT	TXCMD09N	CA47		418	TXCMD09N																
.....J94..... 060-146 JACK/UNIT (982AN).....										A02..... 051-044 JACK/UNIT (982DH).....										B01..... 051-064 JACK/UNIT (982GC).....											
TO CAD 108	SUA081	CA46		345	SUA081					TO PROC SYS CKT	RHDUNLN	CA47		421	RHDUNLN																
	GRDCA46	CA46		346	GRDCA46									422																	
	GRDCA46	CA46		347	GRDCA46									423	FRGRDA0																
	SUA121	CA46		348	SUA121					TO PROC SYS CKT	TXCMD04P	CA47		424	TXCMD04P																
	SUA131	CA46		349	SUA131					AND 051-044-532				513																	
	SUA171	CA46		350	SUA171					TO PROC SYS CKT	TXCMD05P	CA47		514	TXCMD05P																
	GRDCA46	CA46		351	GRDCA46					AND 051-044-533				515	TXCMD06P																
	SUA201	CA46		352	SUA201					TO PROC SYS CKT	TXCMD06P	CA47		515	TXCMD06P																
	SUA221	CA46		353	SUA221					AND 051-044-534				516	TXCMD07P																
	SUA341	CA46		354	SUA341					TO PROC SYS CKT	TXCMD07P	CA47		516	TXCMD07P																
				355						AND 051-044-535				517	TXCMD08P																
				356						TO PROC SYS CKT	TXCMD08P	CA47		517	TXCMD08P																
TO CAD 108	SUA091	CA46		445	SUA091					AND 051-044-536				518	TXCMD09P																
	SUA101	CA46		446	SUA101					TO PROC SYS CKT	TXCMD09P	CA47		518	TXCMD09P																
	SUA111	CA46		447	SUA111					AND 051-044-537				519	TXCAENP																
	GRDCA46	CA46		448	GRDCA46					TO PROC SYS CKT	TXCAENP	CA47		519	TXCAENP																
	SUA161	CA46		449	SUA161					AND 051-044-538				520																	
	SUA181	CA46		450	SUA181					TO PROC SYS CKT	TXCAENP	CA47		520	TXCAENP																
	SUA191	CA46		451	SUA191									521																	
	SUA211	CA46		452	SUA211									522																	
	GRDCA46	CA46		453	GRDCA46					TO PROC SYS CKT	RHDUNLP	CA47		523	RHDUNLP																
	SUA231	CA46		454	SUA231									524	FRGRDA0																
				455																											
				456																											
.....A03..... 051-044 JACK/UNIT (982FW).....										A03..... 051-044 JACK/UNIT (982FW).....										A03..... 051-044 JACK/UNIT (982FW).....											
										051-044-413	TXCMD04N	CA47		432	FRGRDA0																
										051-044-414	TXCMD05N	CA47		433	RINDXN																
										051-044-415	TXCMD06N	CA47		434	RSECMN																
										051-044-416	TXCMD07N	CA47		435	RURDYN																
										051-044-417	TXCMD08N	CA47		436	RONCYLN																
											NC	CA47		437	RHTMPN																
										051-044-419	RSKERN	CA47		438	RSKERN																
										051-044-420	TXCAENN	CA47		439	RFLTN																
														440																	
														441																	
														442																	
														443																	
										051-044-513	TXCMD04P	CA47		532	FRGRDA0																
										051-044-514	TXCMD05P	CA47		533	RINDXP																
										051-044-515	TXCMD06P	CA47		534	RSECMN																
										051-044-516	TXCMD07P	CA47		535	RURDYP																
										051-044-517	TXCMD08P	CA47		536	RONCYLP																
											NC	CA47		537	RHTMPP																
										051-044-519	RSKERP	CA47		538	RSKERP																
										051-044-520	TXCAENP	CA47		539	RFLTP																
														540																	
														541																	
														542																	
														543																	
.....A01..... 051-044 JACK/UNIT (982DH).....										A01..... 051-044 JACK/UNIT (982DH).....										A01..... 051-044 JACK/UNIT (982DH).....											
TO PROC SYS CKT	TXUSSTBN	CA47		400	TXUSSTBN																										
	TXUSON	CA47		401	TXUSON																										
	TXUS1N	CA47		402	TXUS1N																										

[illegible]

CAD 122										CAD 125										CAD 128										
CU-0 CABLE(BAY 0)/MS, IO AND DFC UNIT										IOP-0 CABLE(BAY 0)/IOP BASIC UNIT										EAI CABLE(BAY 0)/CENT. PROC. UNIT										
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....J105										J108										J111										
TO CAD 123										TO CAD 124										TO CAD 129										
	GRDCA61	CA61		245	GRDCA61						GRDCA62	CA62		206	GRDCA62						0EARTSON	CA64		019	0EARTSON					
	011CLK3N	CA61		246	011CLK3N						111CLK2N	CA62		207	111CLK2N						0EARCVON	CA64		020	0EARCVON					
	011XCK3N	CA61		247	011XCK3N						111XCK2N	CA62		208	111XCK2N						0EAXMTON	CA64		021	0EAXMTON					
	011DAL3N	CA61		248	011DAL3N						111DAL2N	CA62		209	111DAL2N						0EARTSOP	CA64		119	0EARTSOP					
	011DAH3N	CA61		249	011DAH3N						111DAH2N	CA62		210	111DAH2N						0EARCVOP	CA64		120	0EARCVOP					
	011REQ3N	CA61		250	011REQ3N						111REQ2N	CA62		211	111REQ2N						0EAXMTO	CA64		121	0EAXMTO					
	011CLK3P	CA61		345	011CLK3P						111CLK2P	CA62		306	111CLK2P															
	011XCK3P	CA61		346	011XCK3P						111XCK2P	CA62		307	111XCK2P															
	011DAL3P	CA61		347	011DAL3P						111DAL2P	CA62		308	111DAL2P															
	011DAH3P	CA61		348	011DAH3P						111DAH2P	CA62		309	111DAH2P															
	011REQ3P	CA61		349	011REQ3P						111REQ2P	CA62		310	111REQ2P															
	GRDCA61	CA61		350	GRDCA61						GRDCA62	CA62		311	GRDCA62															

CAD 123										CAD 126										CAD 129										
IOP-1 CABLE(BAY 1)/IOP BASIC UNIT										CU-1 CABLE(BAY 1)/MS, IO AND DFC UNIT										EAI CABLE(BAY 0)/IOP BASIC UNIT										
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....J106										J109										J112										
TO CAD 122										TO CAD 127										TO CAD 128										
	GRDCA61	CA61		006	GRDCA61						GRDCA63	CA63		245	GRDCA63						GRDCA64	CA64		053	GRDCA64					
	011CLK3N	CA61		007	011CLK3N						111CLK3N	CA63		246	111CLK3N						0EARTSON	CA64		054	0EARTSON					
	011XCK3N	CA61		008	011XCK3N						111XCK3N	CA63		247	111XCK3N						0EARCVON	CA64		055	0EARCVON					
	011DAL3N	CA61		009	011DAL3N						111DAL3N	CA63		248	111DAL3N						0EAXMTO	CA64		056	0EAXMTO					
	011DAH3N	CA61		010	011DAH3N						111DAH3N	CA63		249	111DAH3N						GRDCA64	CA64		153	GRDCA64					
	011REQ3N	CA61		011	011REQ3N						111REQ3N	CA63		250	111REQ3N						0EARTSOP	CA64		154	0EARTSOP					
	011CLK3P	CA61		106	011CLK3P						111CLK3P	CA63		345	111CLK3P						0EARCVOP	CA64		155	0EARCVOP					
	011XCK3P	CA61		107	011XCK3P						111XCK3P	CA63		346	111XCK3P						0EAXMTO	CA64		156	0EAXMTO					
	011DAL3P	CA61		108	011DAL3P						111DAL3P	CA63		347	111DAL3P															
	011DAH3P	CA61		109	011DAH3P						111DAH3P	CA63		348	111DAH3P															
	011REQ3P	CA61		110	011REQ3P						111REQ3P	CA63		349	111REQ3P															
	GRDCA61	CA61		111	GRDCA61						GRDCA63	CA63		350	GRDCA63															

CAD 124										CAD 127										CAD 130										
CU-1 CABLE(BAY 1)/MS, IO AND DFC UNIT										IOP-1 CABLE(BAY 1)/IOP BASIC UNIT										EAI CABLE(BAY 0)/CENT. PROC. UNIT										
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....J107										J110										J113										
TO CAD 125										TO CAD 126										TO CAD 131										
	GRDCA62	CA62		251	GRDCA62						GRDCA63	CA63		206	GRDCA63						0EARTS1N	CA65		016	0EARTS1N					
	111CLK2N	CA62		252	111CLK2N						111CLK3N	CA63		207	111CLK3N						0EARCV1N	CA65		017	0EARCV1N					
	111XCK2N	CA62		253	111XCK2N						111XCK3N	CA63		208	111XCK3N						0EAXMT1N	CA65		018	0EAXMT1N					
	111DAL2N	CA62		254	111DAL2N						111DAL3N	CA63		209	111DAL3N						0EARTS1P	CA65		116	0EARTS1P					
	111DAH2N	CA62		255	111DAH2N						111DAH3N	CA63		210	111DAH3N						0EARCV1P	CA65		117	0EARCV1P					
	111REQ2N	CA62		256	111REQ2N						111REQ3N	CA63		211	111REQ3N						0EAXMT1P	CA65		118	0EAXMT1P					
	111CLK2P	CA62		351	111CLK2P						111CLK3P	CA63		306	111CLK3P															
	111XCK2P	CA62		352	111XCK2P						111XCK3P	CA63		307	111XCK3P															
	111DAL2P	CA62		353	111DAL2P						111DAL3P	CA63		308	111DAL3P															
	111DAH2P	CA62		354	111DAH2P						111DAH3P	CA63		309	111DAH3P															
	111REQ2P	CA62		355	111REQ2P						111REQ3P	CA63		310	111REQ3P															
	GRDCA62	CA62		356	GRDCA62						GRDCA63	CA63		311	GRDCA63															

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PROCESSOR CONTROL CABINET

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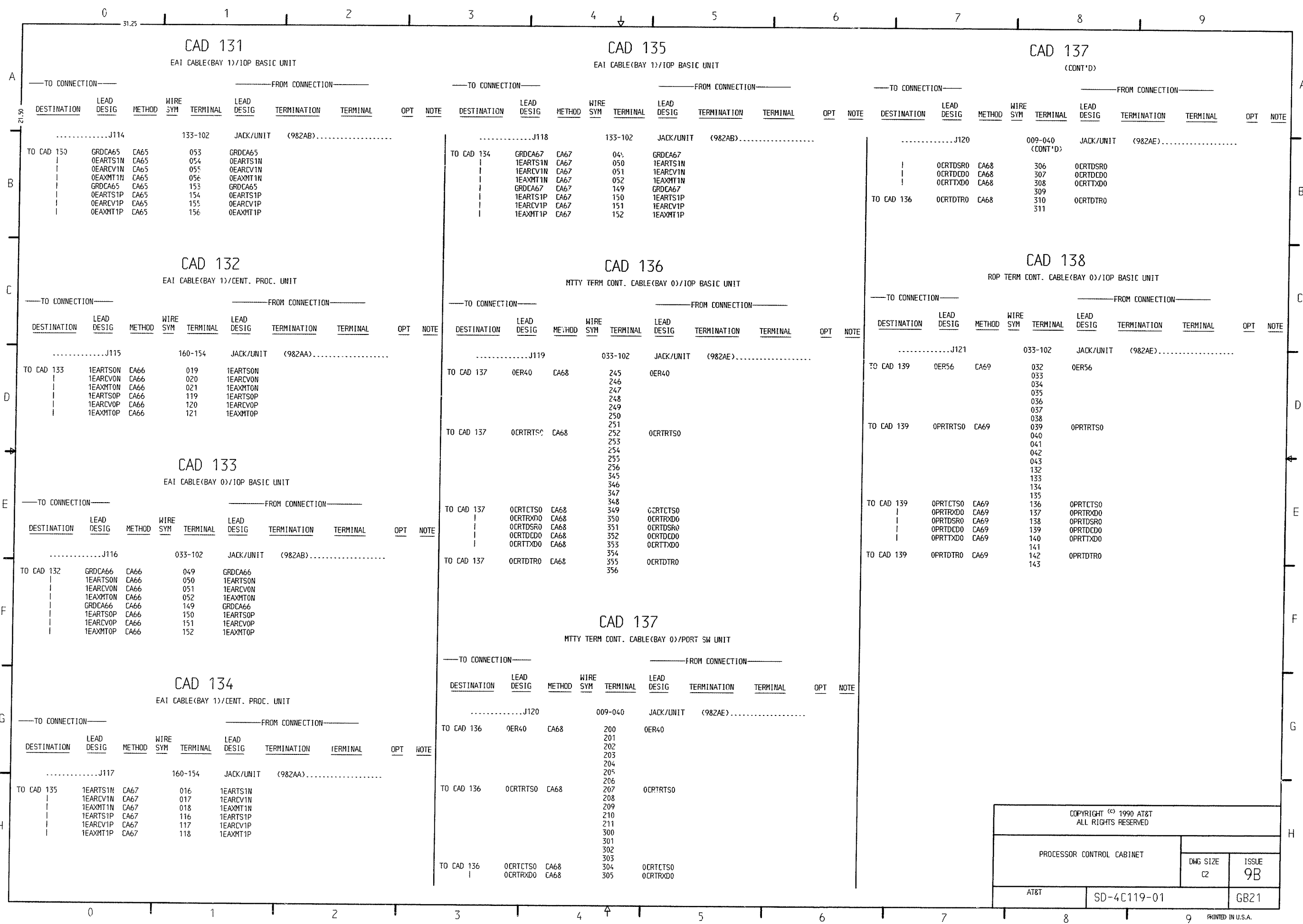
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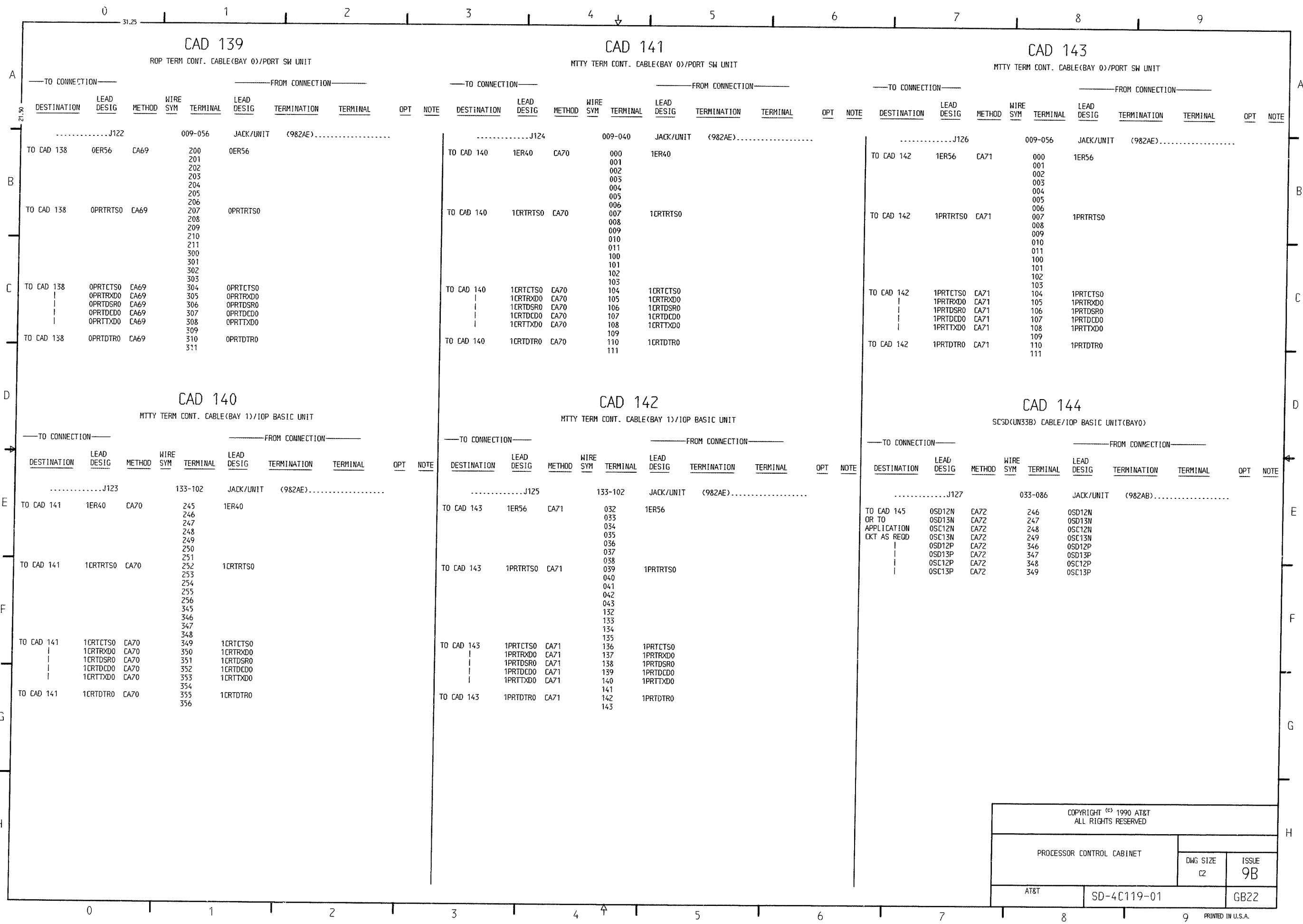
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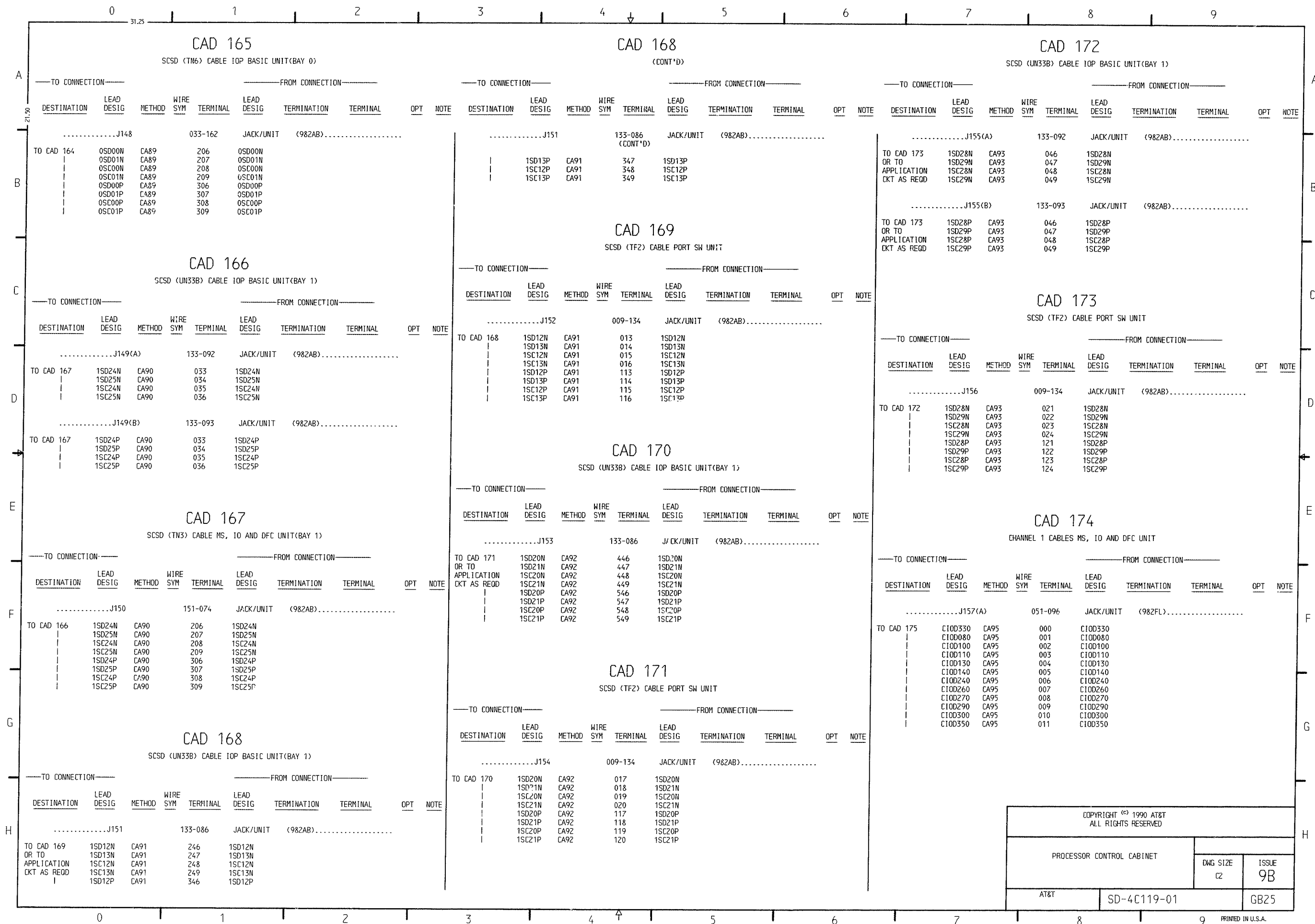
GB20

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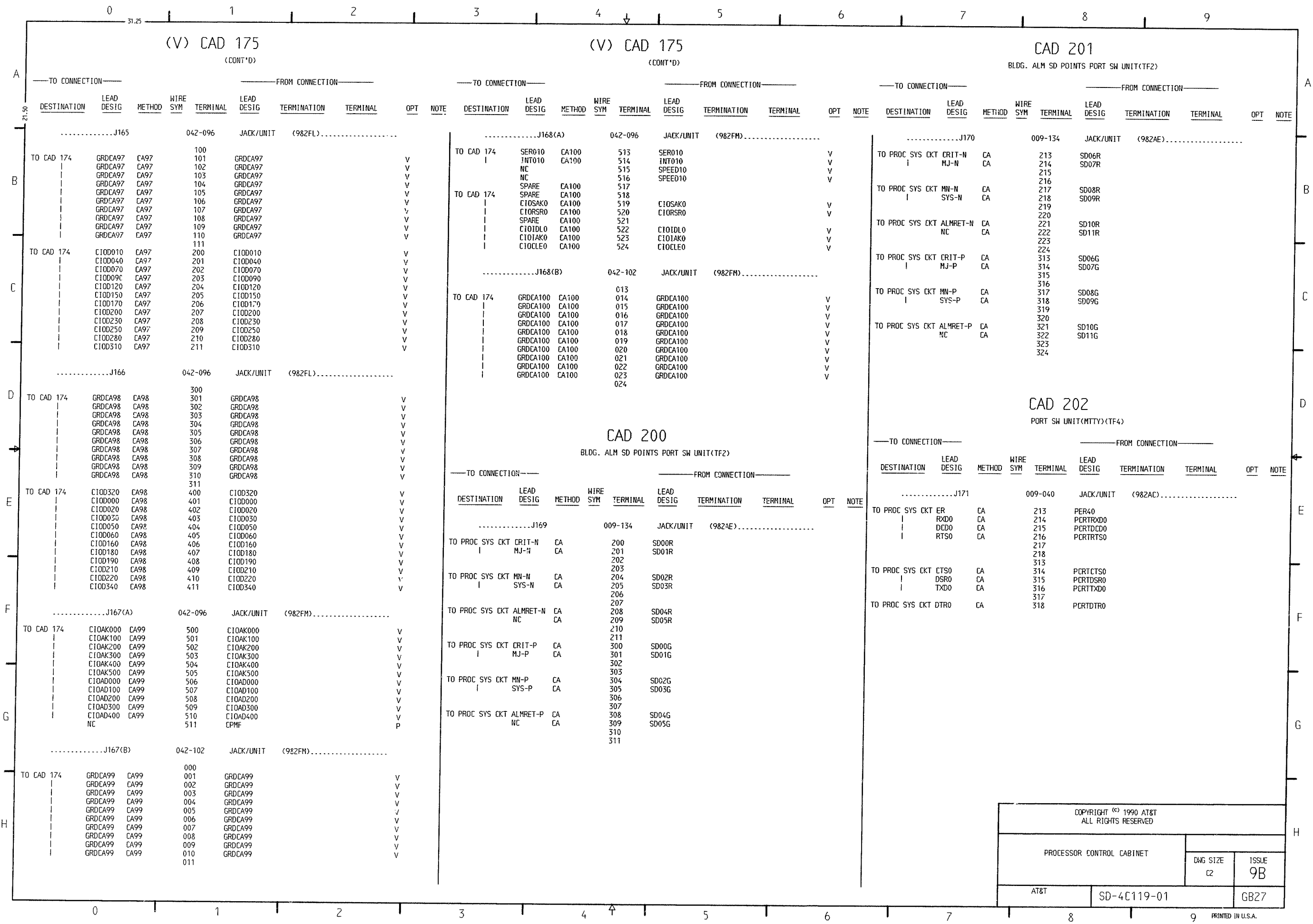




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PROCESSOR CONTROL CABINET	DWG SIZE	ISSUE
	C2	9B
AT&T	SD-4C119-01	GB22



CAD 174 (CONT'D)										CAD 174 (CONT'D)										(V) CAD 175 CHANNEL 1 CABLES MS AND IOP GROWTH UNIT																			
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
.....J157(B).....										J160.....										J163(A).....																			
051-095 JACK/UNIT (982FL).....										051-096 JACK/UNIT (982FL).....										042-096 JACK/UNIT (982FL).....																			
TO CAD 175	GRDCA95	CA95		000	GRDCA95						GRDCA98	CA98		309	GRDCA98					TO CAD 174	C10D330	CA95		000	C10D330				V										
	GRDCA95	CA95		001	GRDCA95						GRDCA98	CA98		310	GRDCA98							C10D080	CA95		001	C10D080				V									
	GRDCA95	CA95		002	GRDCA95									311								C10D100	CA95		002	C10D100				V									
	GRDCA95	CA95		003	GRDCA95					TO CAD 175	C10D320	CA98		400	C10D320								C10D110	CA95		003	C10D110				V								
	GRDCA95	CA95		004	GRDCA95						C10D000	CA98		401	C10D000								C10D130	CA95		004	C10D130				V								
	GRDCA95	CA95		005	GRDCA95						C10D020	CA98		402	C10D020								C10D140	CA95		005	C10D140				V								
	GRDCA95	CA95		006	GRDCA95						C10D030	CA98		403	C10D030								C10D240	CA95		006	C10D240				V								
	GRDCA95	CA95		007	GRDCA95						C10D050	CA98		404	C10D050								C10D260	CA95		007	C10D260				V								
	GRDCA95	CA95		008	GRDCA95						C10D060	CA98		405	C10D060								C10D270	CA95		008	C10D270				V								
	GRDCA95	CA95		009	GRDCA95						C10D160	CA98		406	C10D160								C10D290	CA95		009	C10D290				V								
	GRDCA95	CA95		010	GRDCA95						C10D180	CA98		407	C10D180								C10D300	CA95		010	C10D300				V								
				011							C10D190	CA98		408	C10D190								C10D350	CA95		011	C10D350				V								
.....J158(A).....										J161(A).....										J163(B).....																			
051-096 JACK/UNIT (982FL).....										051-096 JACK/UNIT (982FM).....										042-095 JACK/UNIT (982FL).....																			
TO CAD 175	C10WD0	CA96		013	C10WD0					TO CAD 175	C10AK000	CA99		500	C10AK000						TO CAD 174	GRDCA95	CA95		000	GRDCA95				V									
	C10EACK0	CA96		014	C10EACK0						C10AK100	CA99		501	C10AK100							GRDCA95	CA95		001	GRDCA95				V									
	C10RIN0	CA96		015	C10RIN0						C10AK200	CA99		502	C10AK200							GRDCA95	CA95		002	GRDCA95				V									
	C10RST0	CA96		016	C10RST0						C10AK300	CA99		503	C10AK300							GRDCA95	CA95		003	GRDCA95				V									
	C10RD0	CA96		017	C10RD0						C10AK400	CA99		504	C10AK400							GRDCA95	CA95		004	GRDCA95				V									
	C10WCA0	CA96		018	C10WCA0						C10AK500	CA99		505	C10AK500							GRDCA95	CA95		005	GRDCA95				V									
	C10INH0	CA96		019	C10INH0						C10AD000	CA99		506	C10AD000							GRDCA95	CA95		006	GRDCA95				V									
TO CAD 175	C10RDY0	CA96		020	C10RDY0						C10AD100	CA99		507	C10AD100							GRDCA95	CA95		007	GRDCA95				V									
	C10MR0	CA96		021	C10MR0						C10AD200	CA99		508	C10AD200							GRDCA95	CA95		008	GRDCA95				V									
	C10CER0	CA96		022	C10CER0						C10AD300	CA99		509	C10AD300							GRDCA95	CA95		009	GRDCA95				V									
	C10ASW0	CA96		023	C10ASW0						C10AD400	CA99		510	C10AD400							GRDCA95	CA95		010	GRDCA95				V									
				024							NC			511	C10AD500								011							V									
.....J158(B).....										J161(B).....										J164(A).....																			
051-095 JACK/UNIT (982FL).....										051-102 JACK/UNIT (982FM).....										042-096 JACK/UNIT (982FL).....																			
TO CAD 175	GRDCA96	CA96		013	GRDCA96					TO CAD 175	GRDCA99	CA99		000	GRDCA99						TO CAD 174	C10WD0	CA96		013	C10WD0				V									
	GRDCA96	CA96		014	GRDCA96						GRDCA99	CA99		001	GRDCA99							C10EACK0	CA96		014	C10EACK0				V									
	GRDCA96	CA96		015	GRDCA96						GRDCA99	CA99		002	GRDCA99							C10RIN0	CA96		015	C10RIN0				V									
	GRDCA96	CA96		016	GRDCA96						GRDCA99	CA99		003	GRDCA99							C10RST0	CA96		016	C10RST0				V									
	GRDCA96	CA96		017	GRDCA96						GRDCA99	CA99		004	GRDCA99							C10RD0	CA96		017	C10RD0				V									
	GRDCA96	CA96		018	GRDCA96						GRDCA99	CA99		005	GRDCA99							C10WCA0	CA96		018	C10WCA0				V									
	GRDCA96	CA96		019	GRDCA96						GRDCA99	CA99		006	GRDCA99							C10INH0	CA96		019	C10INH0				V									
	GRDCA96	CA96		020	GRDCA96						GRDCA99	CA99		007	GRDCA99							NC		020	CPPF					P									
	GRDCA96	CA96		021	GRDCA96						GRDCA99	CA99		008	GRDCA99						TO CAD 174	C10RDY0	CA96		021	C10RDY0				V									
	GRDCA96	CA96		022	GRDCA96						GRDCA99	CA99		009	GRDCA99							C10MR0	CA96		022	C10MR0				V									
	GRDCA96	CA96		023	GRDCA96						GRDCA99	CA99		010	GRDCA99							C10CER0	CA96		023	C10CER0				V									
	GRDCA96	CA96		024	GRDCA96						GRDCA99	CA99		011	GRDCA99							C10ASW0	CA96		024	C10ASW0				V									
.....J159.....										J162(A).....										J164(B).....																			
051-096 JACK/UNIT (982FL).....										051-096 JACK/UNIT (982FM).....										042-095 JACK/UNIT (982FL).....																			
TO CAD 175	GRDCA97	CA97		100	GRDCA97					TO CAD 175	SER010	CA100		513	SER010						TO CAD 174	GRDCA96	CA96		013	GRDCA96				V									
	GRDCA97	CA97		101	GRDCA97						INT010	CA100		514	INT010							GRDCA96	CA96		014	GRDCA96				V									
	GRDCA97	CA97		102	GRDCA97									515								GRDCA96	CA96		015	GRDCA96				V									
	GRDCA97	CA97		103	GRDCA97									516								GRDCA96	CA96		016	GRDCA96				V									
	GRDCA97	CA97		104	GRDCA97									517								GRDCA96	CA96		017	GRDCA96				V									
	GRDCA97	CA97		105	GRDCA97					TO CAD 175	SPARE	CA100		518								GRDCA96	CA96		018	GRDCA96				V									
	GRDCA97	CA97		106	GRDCA97						C10SAK0	CA100		519	C10SAK0							GRDCA96	CA96		019	GRDCA96				V									
	GRDCA97	CA97		107	GRDCA97						C10RSR0	CA100		520	C10RSR0							GRDCA96	CA96		020	GRDCA96				V									
	GRDCA97	CA97		108	GRDCA97						SPARE	CA100		521								GRDCA96	CA96		021	GRDCA96				V									
	GRDCA97	CA97		109	GRDCA97						C10IDL0	CA100		522	C10IDL0							GRDCA96	CA96		022	GRDCA96				V									
	GRDCA97	CA97		110	GRDCA97						C10IAK0	CA100		523	C10IAK0							GRDCA96	CA96		023	GRDCA96				V									
	GRDCA97	CA97		111	GRDCA97						C10CLE0	CA100		524	C10CLE0							GRDCA96	CA96		024	GRDCA96				V									
.....J160.....										J162(B).....																													
051-096 JACK/UNIT (982FL).....										051-102 JACK/UNIT (982FM)																													



(V) CAD 175
(CONT'D)

(V) CAD 175
(CONT'D)

CAD 201
BLDG. ALM SD POINTS PORT SW UNIT(TF2)

CAD 200
BLDG. ALM SD POINTS PORT SW UNIT(TF2)

CAD 202
PORT SW UNIT(MTTY)(TF4)

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CAD 203 PORT SW UNIT(ROP)(TF4)												CAD 206 SCSD POINTS(UN33B) IOP BASIC UNIT(BAY 0)(FOR MHD2)												CAD 209 (CONT'D)																							
TO CONNECTION												FROM CONNECTION												TO CONNECTION												FROM CONNECTION											
DESTINATION LEAD DESIG METHOD WIRE SYM TERMINAL												LEAD DESIG TERMINATION TERMINAL OPT NOTE												DESTINATION LEAD DESIG METHOD WIRE SYM TERMINAL												LEAD DESIG TERMINATION TERMINAL OPT NOTE											
.....J172												009-056 JACK/UNIT (982AC)												J178												133-086 JACK/UNIT (982AB)											
TO PROC SYS CKT ER CA 213 PER56																								TO PROC SYS CKT 1SD23P CA 551 1SD23P																							
RXD0 CA 214 PPRTRXD0																								1SD22P CA 552 1SD22P																							
DC00 CA 215 PPRTRXD0																								1SD23P CA 553 1SD23P																							
RTS0 CA 216 PPRTRIS0																																															

CAD 211										CAD 213										CAD 214									
SCC CABLE(MC4C075A1,TN83B)/IOP BASIC UNIT(BAY 0)										PC MC4C011A1B(TN74B) CHANNEL 0(SEE NOTE 306)										(CONT'D)									
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J180										PORT 0										PORT 0									
232										033-094 JACK/UNIT (982AE).....										033-094 JACK/UNIT (982AE).....									
233										TO PROC SYS CKT ER6 CA 245 ER6										CBR10P0 CA 336 CBR10P0									
234										246										BBRC10P1 CA 337 BBRC10P1									
235										247										CCR10P1 CA 338 CCR10P1									
236										248										CFR10P0 CA 339 CFR10P0									
237										249										BA10P1 CA 340 BA10P1									
238										250										TO PROC SYS CKT DTR10P0 CA 342 DTR10P0									
239										251										343									
240										TO PROC SYS CKT CER00P0 CA 252 CER00P0																			
241										RTS00P0 CA 253																			
242										TO PROC SYS CKT EPULL000 CA 254 EPULL000																			
243										SCA00P0 CA 255 SCA00P0																			
332										TO PROC SYS CKT ER8 CA 256																			
333										345 ER8																			
334										346																			
335										347																			
336										TO PROC SYS CKT SCFR00P0 CA 348 SCFR00P0																			
337										CBR00P0 CA 349 CBR00P0																			
338										BBRC00P1 CA 350 BBRC00P1																			
339										CCR00P0 CA 351 CCR00P0																			
340										CFR00P0 CA 352 CFR00P0																			
341										BA00P1 CA 353 BA00P1																			
342										TO PROC SYS CKT DTR00P0 CA 354																			
343										355 DTR00P0																			
										356																			
.....J181										PORT 1										PORT 1									
232										033-094 JACK/UNIT (982AE).....										033-094 JACK/UNIT (982AE).....									
233										TO PROC SYS CKT ER2 CA 045 ER2										SCFR11P0 CA 135 SCFR11P0									
234										046										CBR11P0 CA 136 CBR11P0									
235										047										BBRC11P1 CA 137 BBRC11P1									
236										048										CCR11P0 CA 138 CCR11P0									
237										049										CFR11P0 CA 139 CFR11P0									
238										050										BA11P1 CA 140 BA11P1									
239										TO PROC SYS CKT CER01P0 CA 051 CER01P0																			
240										RTS01P0 CA 052 RTS01P0																			
241										TO PROC SYS CKT EPULL010 CA 053																			
242										SCA01P0 CA 054 EPULL010																			
243										TO PROC SYS CKT ER4 CA 055 SCA01P0																			
332										145 ER4																			
333										146																			
334										147																			
335										TO PROC SYS CKT SCFR01P0 CA 148 SCFR01P0																			
336										CBR01P0 CA 149 CBR01P0																			
337										BBRC01P1 CA 150 BBRC01P1																			
338										CCR01P0 CA 151 CCR01P0																			
339										CFR01P0 CA 152 CFR01P0																			
340										BA01P1 CA 153 BA01P1																			
341										154																			
342										TO PROC SYS CKT DTR01P0 CA 155 DTR01P0																			
343										156																			
CAD 212										CAD 214																			
SCC CABLE(MC4C075A1,TN83B)/IOP BASIC UNIT(BAY 1)										PC MC4C011A1B(TN74B) CHANNEL 1(SEE NOTE 306)																			
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION														
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
.....J181										PORT 0										PORT 0									
232										033-094 JACK/UNIT (982AE).....										033-094 JACK/UNIT (982AE).....									
233										TO PROC SYS CKT ER5 CA 232 ER5																			
234										233																			
235										234																			
236										235																			
237										236																			
238										237																			
239										TO PROC SYS CKT CER10P0 CA 238 CER10P0																			
240										RTS10P0 CA 239 RTS10P0																			
241										TO PROC SYS CKT EPULL100 CA 240																			
242										SCA10P0 CA 241 EPULL100																			
243										TO PROC SYS CKT ER7 CA 242																			
332										332 ER7																			
333										333																			
334										334																			
335										TO PROC SYS CKT SCFR10P0 CA 335																			
336										SCFR10P0																			
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