

[illegible]

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COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC								DWG SIZE 8.5	ISSUE 5A		
AT&T				SD-50144-02				SHEET A2			

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COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC			DWB SIZE 8S	ISSUE 5A
AT&T	SD-50144-02		SHEET A2	

DESIGNATION MNEMONICS INDEX											
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(5,6)48C(A,AR,B, BR,C,CR,E,ER,F, FR,G,GR)	245,246	BAY 5 OR 6 MINUS 48 VOLT POWER TO THE COMMUNICATION MODULE CONTROL UNIT FOR THE SNS16, 49SKA, NETWORK CLOCK OSCILLATOR, 418CA, AND 418AA OR RETURN	(5,6)(C,D)SCW (0,R0,1,R1)	062	BAY 5 OR 6 FPC OR MSCU SCAN W OR RETURN FROM MSCU2 TO 3BIOP SIDE 0 OR 1	(0,1)SCV(3B,R) (0,1)	064	SIDE 0 OR 1 SCAN V OR RETURN FROM TMSU2 TO PREVIOUS TMSU2 OR CMCU	(0,1)CINT(A,B,C,D) (0-3)0	001-025	MSCU2 SIDE 0 OR 1 COMMAND INTERRUPT FROM IOMI A,B,C, OR D TO PERIPHERAL CONTROLLER COMMUNITY 0 - 3 ACTIVE LOW
(0-11)48F(A,AR,B, BR,C,CR,E,ER,F, FR,G,GR)	240-251	BAY 1 - 11 MINUS 48 VOLT POWER TO THE FAN UNIT FOR A, B, C, E, F, OR G FAN OR RETURN	(5,6)(C,D)SCX (0,R0,1,R1)	062	BAY 5 OR 6 FPC OR MSCU SCAN X OR RETURN FROM MSCU2 TO 3BIOP SIDE 0 OR 1	(0,1)DGN3B	064	SIDE 0 OR 1 DIAGNOSTIC LEAD FROM CMCU TO TMSU2S	(0,1)CLRPC (A,B,C,D)(0-3)	001-025	MSCU2 SIDE 0 OR 1 CLEAR PERIPHERAL CONTROLLER FROM IOMI A,B,C, OR D TO PERIPHERAL CONTROLLER COMMUNITY 0 - 3
(5,6)48M(A,AR,B, BR)	245,246	BAY 5 OR 6 MINUS 48 VOLT POWER TO THE MESSAGE SWITCH CONTROL UNIT FOR THE FPC OR THE MSCU OR RETURN	(5,6)(C,D)SCYR (0,1)	062	BAY 5 OR 6 FPC OR MSCU SCAN Y RETURN FROM MSCU2 TO 3BIOP SIDE 0 OR 1	(0,1)(0-11)(E,0) 00S(3B,R)	064	SIDE 0 OR 1 BAY 0 - 11 EVEN OR ODD TMSU2 OUT OF SERVICE LOOP TO PREVIOUS TMSU2 OR CMCU. NOTE: 15E00SR AND 1600S3B ARE TIED TOGETHER WITHIN THE CMCU. 05E00SR AND 0500S3B ARE TIED TOGETHER WITHIN THE CMCU	(0,1)CSA(A,B,C,D) (0,3)(0-3)0	001-025	MSCU2 SIDE 0 OR 1 CONTROL SIGNAL ACKNOWLEDGE IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3 ACTIVE LOW
(0-11)48P(A,AR,B, (BR)	240-251	BAY 0 - 11 MINUS 48 VOLT POWER TO THE MESSAGE SWITCH PERIPHERAL UNIT FOR SINGLE MMP OR DUAL MMP OR RETURN	(0,1)MAN(OVR,RTN) (0,1)	062	SIDE 0 OR 1 MANUAL OVERRIDE LEADS FROM MSCU2 TO 3BIOP SIDE 0 OR 1	(00,01,02,03,04, 17,18,19,110,111) (E,0)SC(V,Y)	064	SIDE 0 OR 1 BAY 0 - 4, 7-11 SCAN Y OR V CHAIN THROUGH TMSU2S FROM CMCU	(0,1)DMA(A,B,C,D) (0-3)(00-15)	001-025	MSCU2 SIDE 0 OR 1 DIRECT MEMORY ADDRESS IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3 ADDRESS LEADS 00 - 15
(0,11)48S(A,C,D,E) (1,0R,1,1R)	240-251	BAY 0 - 11 MINUS 48 VOLT POWER TO THE TIME MULTIPLEXED SWITCH UNIT FOR THE SNS16, 418CA, 418AA, AND 418AA IN THE (0) UPPER TMSU2 OR (1) LOWER TMSU OR RETURN	(0,1)DGN (0,1,R0,R1)	062	SIDE 0 OR 1 DIAGNOSTIC LEAD OR RETURN FROM CMCU TO 3BIOP SIDE 0 OR 1	(0,1)SC(V,Y)(L,I,0)	064	SIDE 0 OR 1 SCAN Y OR V LEAD THROUGH TMSU2S TO CMCU	(0,1)DMA0(A,B,C,D) (0-3)(0-8)	001-025	MSCU2 SIDE 0 OR 1 DIRECT MEMORY ACCESS DATA IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3 DATA LEADS 0 - 8
(0-11)48SLI(0,1)	240-251	BAY 0 - 11 MINUS 48 VOLT POWER TO THE TIME MULTIPLEXED SWITCH UNIT FOR THE NCT LINKS IN THE UPPER OR LOWER TMSU2	(0,1)SCNV (0,R1,1,R1)	062	SIDE 0 OR 1 SCAN V OR RETURN FROM CMCU TO 3BIOP SIDE 0 OR 1	(0-11)(E,0)00SJ	065,066	BAY 0 - 11 OUT OF SERVICE JUMPER FOR EVEN OR ODD TMSU2S IN LAST BAY	(0,1)DMA0C (A,B,C,D)(0-3)	001-025	MSCU2 SIDE 0 OR 1 DIRECT MEMORY ACCESS OPERATION COMPLETE IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3
(E,0)(N,P)CPM(2,5)	225	EVEN OR ODD, MINUS OR PLUS LEAD CURRENT PROGRAMMING FOR MINUS 2 VOLTS OR MINUS 5 VOLTS	(0,1)SCNW (0,R0,1,R1)	062	SIDE 0 OR 1 SCAN W OR RETURN FROM CMCU TO 3BIOP SIDE 0 OR 1	(0-11)SCY(L,I,0)	065,066	BAY 0 - 11 SCAN Y LOOP FOR EVEN OR ODD TMSU2 IN END BAY	(0,1)DMA0D (A,B,C,D)(0-3)	001-025	MSCU2 SIDE 0 OR 1 DIRECT MEMORY ACCESS READ IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3
M(2,5)	225	MINUS 2 OR MINUS 5 VOLT POWER	(0,1)SCNY (0,R0,1,R1)	062	SIDE 0 OR 1 SCAN Y OR RETURN FROM CMCU TO 3BIOP SIDE 0 OR 1	(0-11)SCW(L,I,0)	065,066	BAY 0 - 11 SCAN W LOOP FOR EVEN OR ODD TMSU2 IN END BAY	(0,1)DMARD (A,B,C,D)(0-3)	001-025	MSCU2 SIDE 0 OR 1 DIRECT MEMORY ACCESS REQUEST IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3
(0,1)GRD	001	SIDE 0 OR 1 GROUND	(0,1)SCNZ (0,R0,1,R1)	062	SIDE 0 OR 1 SCAN 2 OR RETURN FROM CMCU TO 3BIOP SIDE 0 OR 1	(0-11)ALM (PA,PB,S0,S1)	227-238	BAY 0 - 11 FUSE ALARM TO MSPU3 POWER GROUPS A AND B AND TMSU2 UPPER AND LOWER SHELF	(0,1)DMARD (A,B,C,D)(0-3)	001-025	MSCU2 SIDE 0 OR 1 DIRECT MEMORY ACCESS REQUEST IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3
(0-11)(A,B)MPF0 (0,1)	062	BAY 0 - 11 MATE POWER FAIL ACTIVE LOW FROM MSPU3 TO 3BIOP	(0,1)RQIP (0,R0,1,R1)	062	SIDE 0 OR 1 REQUEST IN PROGRESS OR RETURN FROM CMCU TO 3BIOP SIDE 0 OR 1	(0-11)ALM(J1-J5)	227-239	BAY 0 - 11 FUSE ALARM JUMPER STRAPS 1 - 5 FOR TYING FUSE ALARM GROUPS TOGETHER	(0,1)DMA0R (A,B,C,D)(0-3)	001-025	MSCU2 SIDE 0 OR 1 DIRECT MEMORY ACCESS REQUEST IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3
(0-11)(A,B)00 (S,SR)	062	BAY 0 - 11 OUT OF SERVICE AND RETURN FROM MSPU3 TO 3BIOP	(0,1)00S(3X,R) (0,1)	062	SIDE 0 OR 1 OUT OF SERVICE OR RETURN TO CMCU FROM 3BIOP SIDE 0 OR 1	(5,6)ALM (CC,FN,MA,MB,CLK)	232,233	BAY 5 AND 6 FUSE ALARMS TO THE CMCU FOR THE CMCU AND FANS, TO THE MSCU2 FOR THE FPC AND THE MSCU AND TO THE NETWORK CLOCK	(0,1)DMAWR (A,B,C,D)(0-3)	001-025	MSCU2 SIDE 0 OR 1 DIRECT MEMORY ACCESS WRITE IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3
(0-11)(A,B)RQI (P,PR)	062	BAY 0 - 11 REQUEST IN PROGRESS AND RETURN FROM MSPU3 TO 3BIOP	(0,1)00S3B (0,R0,1,R1)	062	SIDE 0 OR 1 OUT OF SERVICE OR RETURN TO NETWORK CLOCK FROM 3BIOP SIDE 0 OR 1	(5,6)TST (CC,FN,MA,MB)	232,233	BAY 5 AND 6 FUSE TEST TO THE CMCU FOR THE CMCU AND FANS, TO THE MSCU2 FOR THE FPC AND THE MSCU AND TO THE NETWORK CLOCK	(0,1)ER(A,B,C,D) (0-3)(0-3)0	001-025	MSCU2 SIDE 0 OR 1 ERROR TO IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3 PROCESSOR 0 - 3 ACTIVE LOW
(0-11)(A,B)SCV (0,R0,1,R1)	062	BAY 0 - 11 SCAN V OR RETURN FROM MSPU3 TO 3BIOP0 OR 1	(0,1)SC(X,V)3B (0,R0,1,R1)	062	SIDE 0 OR 1 SCAN X OR Y AND RETURN FROM NETWORK CLOCK TO 3BIOP SIDE 0 OR 1	(0-11)TST (PA,PB,S0,S1)	227,238	BAY 0 - 11 FUSE TEST TO MSPU3 POWER GROUPS A AND B AND TMSU2 UPPER AND LOWER SHELF	(0,1)INT(A,B,C,D) (0-3)(0-3)0	254	MSCU2 SIDE 0 OR 1 INTERRUPT IOMI A,B,C, OR D PERIPHERAL CONTROLLER 0 - 3 PROCESSOR 0 - 3 ACTIVE LOW
(0-9)(A,B)SCYR(0,1) (10-11)(A,B)SCY (0,1)R	062	BAY 0 - 11 SCAN Y RETURN FROM MSPU3 TO 3BIOP 0 OR 1	(5,6)SCANR	062	BAY 5 OR 6 FAN SCAN RETURN TO 3BIOP	(0-11)(E,F)FCPAR	226	BAY 0 - 11 FABRIC CONTROL BOARD 0 OR 1 FABRIC CONTROL BOARD PARITY			
(0-11)ADGN3B	063	BAY 0 - 11 DIAGNOSTIC LEAD FROM MSPU3 TO PREVIOUS MSPU3 OR MSCU2	(5,6)3BSCAN0	062	BAY 5 OR 6 FAN SCAN TO 3BIOP	(0-11)(E,0)SSEL	253	BAY 0 - 11 EVEN OR ODD TMSU2 SHELF SELECT			
(0-11)MAN (OVR,RTN) (0,1)	062	BAY 0 - 11 MANUAL OVERRIDE LEADS FROM MSPU3 TO PREVIOUS MSPU3 OR MSCU2	(5,6)RSTR	062	BAY 5 OR 6 FAN ALARM RESET RETURN FROM 3BIOP	(0-11)00SS (0,1,E,0)	254	BAY 0 - 11 OUT OF SERVICE LED STRAP FOR UNEQUIPPED +5 VOLT POWER UNIT IN THE UPPER (0) OR LOWER (1) TMSU2 AND FOR UNEQUIPPED -5 VOLT POWER UNIT IN THE EVEN OR ODD TMSU2			
(5,6)(C,D)00(S,SR)	062	BAY 5 OR 6 FPC OR MSCU OUT OF SERVICE OR RETURN FROM MSCU2 TO 3BIOP	(0-4,7-11)RSTFA (N,NS)	067	BAYS 0-4 OR 7-11 FAN ALARM RESET AND RETURN TO PREVIOUS FAN UNIT	(0-11)INTS (0,1,E,0)	254	BAY 0 - 11 POWER CONVERTER INTERLOCK STRAP FOR UNEQUIPPED +5 VOLT POWER UNIT IN THE UPPER (0) OR LOWER (1) TMSU2 AND FOR UNEQUIPPED -5 VOLT POWER UNIT IN THE EVEN OR ODD TMSU2			
(5,6)(C,D)MPF (0,1)Y	062	BAY 5 OR 6 FPC OR MSCU MATE POWER FAIL FROM MSCU2 TO 3BIOP SIDE 0 OR 1 (SCAN Y)	(0-4,7-11)3BSCAN0	067	BAYS 0-4 OR 7-11 FAN SCAN TO PREVIOUS FAN UNIT						
(5,6)(C,D)RQI (P,PR)	062	BAY 5 OR 6 FPC OR MSCU REQUEST IN PROGRESS OR RETURN TO MSCU2 FROM 3BIOP	(0-4,7-11)SCANR	067	BAYS 0-4 OR 7-11 FAN SCAN RETURN TO PREVIOUS FAN UNIT						
			(0,1)SC2(3B,R) (0,1)	064	SIDE 0 OR 1 SCAN 2 OR RETURN FROM TMSU2 TO PREVIOUS TMSU2 OR CMCU						
			(0,1)SCX(3B,R) (0,1)	062	SIDE 0 OR 1 SCAN X OR RETURN FROM TMSU2 TO PREVIOUS TMSU2 OR CMCU						

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COMMUNICATIONS MODULE, MODEL 2

DOUBLE DUAL FABRIC

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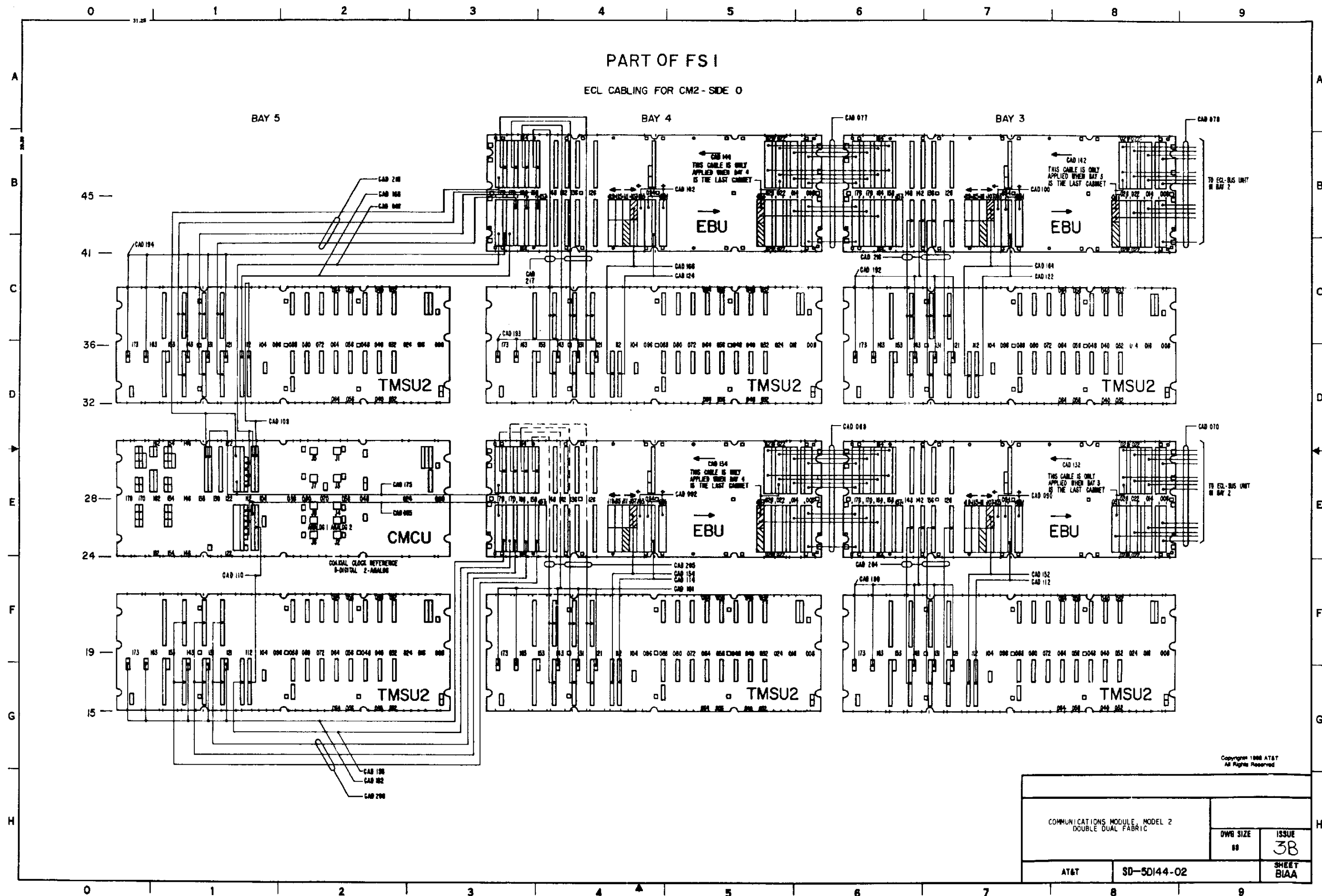
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DESIGNATION MNEMONICS INDEX											
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(0,1)OOL(A,B,C,D) (0-3)0	001-025	MSCU2 SIDE 0 OR 1 OUT OF LEVEL IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3 ACTIVE LOW	(0,1)(0,1)STADAR	052,054	1 ACTIVE FPC STATUS CONTROL AND DIAGNOSTIC LINK	(0,1)(0,1)MISK (C,T)	056,057	MESSAGE INTERFACE 32MHZ CLOCK OUT COMPLEMENT OR TRUE	(0,1)(E,0)EP(0-2) (00-31)(C,T)	069-084	SIDE 0 OR 1 EVEN OR ODD EBUS TO DATA TAP BOARD 0, 1, OR 2 DATA LEADS 00 - 31 COMPLEMENT OR TRUE
(0,1)PCSL(A,B,C,D) (0-3)(0-3)	001-025	MSCU2 SIDE 0 OR 1 PERIPHERAL CONTROLLER SELECT IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3 PROCESSOR 0 - 3	(0,1)(0,1)TMSR (1,0R)	052,054	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 ACTIVE FPC STATUS CONTROL AND DIAGNOSTIC LINK RETURN	(0,1)(0,1)TMSID (C,T)	056,057	TMSU2 SHELF 0 OR 1 SIDE 0 OR 1 MESSAGE INTERFACE 32MHZ CLOCK OUT COMPLEMENT OR TRUE	(0-11)(E,0)P(0-2)F (00-31)	201-224	BAY 0 - 11 EBUS DATA TAP BOARD 0, 1, OR 2 TO FABRIC BOARD DATA LEADS 00 - 31
(0,1)RISL0(A,D) (0-3)	001-025	MSCU2 SIDE 0 OR 1 RESET ISOLATE IOMI A,B,C, OR D PERIPHERAL CONTROLLER 0 - 3	(0,1)(0,1)TRCK (0,1R)	052,054	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 TRANSMIT CLOCK ACTIVE LOW OR ACTIVE HIGH RETURN	X8K(IN,OUT)(C,T)	058	CROSS-COUPLE 8KHZ SYNC INPUT OR OUTPUT COMPLEMENT OR TRUE	(0-11)(E,0)F(0-2) (65,SY)(C,T)	177-200	BAY 0 - 11 EVEN OR ODD EBUS CLOCK TAP TO FABRIC BOARD 0, 1, OR 2 65MHZ CLOCK OR 8K SYNC COMPLEMENT OR TRUE
(0,1)SISL0 (A,B,C,D)(0-3)	001-025	MSCU2 SIDE 0 OR 1 SET ISOLATE IOMI A,B,C, OR D PERIPHERAL CONTROLLER 0 - 3	(0,1)(0,1)TRMD (T,TR)	052,054	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 TRANSMIT DATA OR RETURN	XCPL(IN,0)(N,P)	059	NETWORK CLOCK CROSS-COUPLE INPUT OR OUTPUT NEGATIVE OR POSITIVE RAIL	(0-11)(E,0)C(0-1) (65,SY)(C,T)	177-200	BAY 0 - 11 EVEN OR ODD EBUS CLOCK TAP TO FABRIC CONTROL BOARD 0, OR 1 65MHZ CLOCK OR 8K SYNC COMPLEMENT OR TRUE
(0,1)SR(A,B,C,D) (0-3)(0-3)0	001-025	MSCU2 SIDE 0 OR 1 SERVICE REQUEST IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0 - 3 PROCESSOR 0 - 3 ACTIVE LOW	(0,1)(0,1)LIIT (1,1R)	052,054	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 LINK INTERFACE INTERRUPT ACTIVE HIGH OR RETURN	TBIN(N,P)	059	TIME BASE R INPUT NEGATIVE OR POSITIVE RAIL	(2,4,7,9)(E,0)S650 (C,T)	115,116 125,126	BAY 2,4,7 OR 9 EVEN OR ODD EBUS MUX TAP BOARD TO SUB 65MHZ CLOCK 0 COMPLEMENT OR TRUE
(0,1)CLK(0,1)0 (N,P)	068	MSCU2 SIDE 0 OR 1 CLOCK FROM 38 DMA UNIT SIDE 0 OR 1 NEGATIVE OR POSITIVE LEAD	(0,1)(0,1)LISL (0,1R)	052,054	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 LINK INTERFACE SELECT ACTIVE LOW OR ACTIVE HIGH RETURN	(0,1)REF(1-8) (N,P)	060,061A 061B	NETWORK CLOCK SIDE 0 OR 1 DIGITAL REFERENCE 1 - 8 NEGATIVE OR POSITIVE RAIL	(1-3,7,10)(E,0) S651(C,T)	113,114 123,124 127,128	BAY 1-3,7 OR 10 EVEN OR ODD EBUS MUX TAP BOARD TO SUB 65MHZ CLOCK 1 COMPLEMENT OR TRUE
(0,1)DA(H,L) (0,1)0(N,P)	068	MSCU2 SIDE 0 OR 1 DATA HIGH OR LOW FROM 38 DMA UNIT SIDE 0 OR 1 NEGATIVE OR POSITIVE LEAD	(0,1)(0,1)NCIT (1,1R)	052,054	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 NETWORK CLOCK INTERRUPT ACTIVE HIGH OR RETURN	(0,1)(E,0)EXM(0-3) (C,T)	069-084 175,176	SIDE 0 OR 1 EVEN OR ODD EBUS MUX CONTROL LEADS 0 - 3 COMPLEMENT OR TRUE	(0,3,8,11)(E,0) S652(C,T)	111,112 117,119 120,121 122,129 130	BAY 0,3,8 OR 11 EVEN OR ODD EBUS MUX TAP BOARD TO SUB 65MHZ CLOCK 2 COMPLEMENT OR TRUE
(0,1)REQ(0,1)0 (N,P)	068	MSCU2 SIDE 0 OR 1 REQUEST TO 38 DMA UNIT SIDE 0 OR 1 NEGATIVE OR POSITIVE LEAD	(0,1)(0,1)RCVD (T,TR)	052,054	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 RECEIVE DATA OR RETURN	(0,1)(E,0)ST(CD, ER)(0-5)(C,T)	069-117 120,127 130,175 176	SIDE 0 OR 1 EVEN OR ODD EBUS SUB TO CMCU RETURN DATA OR ERRORS FROM TMSU2 SHELF 0 - 5 COMPLEMENT OR TRUE	(2,4,7,9)(E,0)SSYO (C,T)	115,116 125,126	BAY 2,4,7 OR 9 EVEN OR ODD EBUS MUX TAP BOARD TO SUB 8K SYNC 0 COMPLEMENT OR TRUE
(0,1)XCLK(0,1)I (N,P)	068	MSCU2 SIDE 0 OR 1 TRANSMIT CLOCK TO 38 DMA UNIT SIDE 0 OR 1 NEGATIVE OR POSITIVE LEAD	(0,1)(0,1)4M(02,04, 06,08,10,12,14) (S,SR,C,CR)	026-051	SIDE 0 OR 1 MESSAGE INTERFACE BOARD IN SLOT 170 OR 154 4MHZ CLOCK TO THE FOUNDATION AND PUMP PERIPHERAL CONTROLLER OR MSPUS COMMUNITY 02,04,06,08,10,12, OR 14 IN THE SAME OR OPPOSITE SIDE OF THE CM2 OR RETURNS	(0,1)(E,0)EK(65, SY)(0-4)(C,T)	069-084 175,176	SIDE 0 OR 1 EVEN OR ODD EBUS TO CLOCK TAP 65MHZ CLOCK OR 8K SYNC LEADS 0 - 4 COMPLEMENT OR TRUE	(1-3,7,10)(E,0) SSY1(C,T)	113,114 123,124 127,128	BAY 1-3, 7 OR 10 EVEN OR ODD EBUS MUX TAP BOARD TO SUB 8K SYNC 1 COMPLEMENT OR TRUE
(0,1)(0,1)MIIT (1,1R)	053,055	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 MESSAGE INTERFACE INTERRUPT ACTIVE HIGH OR RETURN LEAD	(0,1)(0,1)SY(02,04, 06,08,10,12,14) (S,SR,C,CR)	026-051	SIDE 0 OR 1 MESSAGE INTERFACE BOARD IN SLOT 170 OR 154 4MHZ SYNC TO THE FOUNDATION AND PUMP PERIPHERAL CONTROLLER OR MSPUS COMMUNITY 02,04,06,08,10,12, OR 14 IN THE SAME OR OPPOSITE SIDE OF THE CM2 OR RETURNS	(0,1)(E,0)EL(65, SY)(3,4)(C,T)	069-088	SIDE 0 OR 1 EVEN OR ODD EBUS TO LOOP 65MHZ CLOCK OR 8K SYNC LEADS 3 AND 4 COMPLEMENT OR TRUE	(0-4,7-11)(E,0)MS (A,C)D(C,T)	121-130	BAY 0 - 4 OR 7 - 11 EVEN OR ODD EBUS MUX TAP BOARD TO SUB CONTROL ADDRESS OR CONTROL DATA COMPLEMENT OR TRUE
(0,1)(0,1)MISL (1,1R)	053,055	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 MESSAGE INTERFACE SELECT ACTIVE HIGH OR RETURN LEAD	(0,1)(0,1)ID(02,04, 06,08,10,12,14) (S,SR,C,CR)	026-051	SIDE 0 OR 1 MESSAGE INTERFACE BOARD IN SLOT 170 OR 154 4MHZ INPUT DATA TO THE FOUNDATION AND PUMP PERIPHERAL CONTROLLER OR MSPUS COMMUNITY 02,04,06,08,10,12, OR 14 IN THE SAME OR OPPOSITE SIDE OF THE CM2 OR RETURNS	(0,1)(E,0)ECADD (C,T)	069-084 175,176	SIDE 0 OR 1 EVEN OR ODD EBUS CONTROL ADDRESS COMPLEMENT OR TRUE	(0-4,7-11)(E,0)MSM (0-3)(C,T)	121-130	BAY 0 - 4 OR 7 - 11 EVEN OR ODD EBUS MUX TAP BOARD TO SUB MUX CONTROL LEADS 0 - 3 COMPLEMENT OR TRUE
(0,1)(0,1)TMIT (1,1R)	053,055	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 TIME MULTIPLEXED SWITCH INTERRUPT ACTIVE HIGH OR RETURN LEAD	(0,1)(0,1)0D(02,04, 06,08,10,12,14) (S,SR,C,CR)	026-051	SIDE 0 OR 1 MESSAGE INTERF BOARD IN SLOT 170 OR 154 4MHZ OUTPUT DATA TO THE FOUNDATION AND PUMP PERIPHERAL CONTROLLER OR MSPUS COMMUNITY 02,04,06,08,10,12, OR 14 IN THE SAME OR OPPOSITE SIDE OF THE CM2 OR RETURNS	(0,1)(E,0)ECDAT (C,T)	069-084 175,176	SIDE 0 OR 1 EVEN OR ODD EBUS CONTROL DATA COMPLEMENT OR TRUE	(0,3,8,11)(E,0) SSY2(C,T)	111,112 117,119 121,122	BAY 0,3,8 OR 11 EVEN OR ODD EBUS MUX TAP BOARD TO SUB 8K SYNC 2 COMPLEMENT OR TRUE
(0,1)(0,1)TMRD (Y,YR)	053,055	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 TIME MULTIPLEXED SWITCH READY OR RETURN	(0,1)(0,1)MI320 (C,T)	056,057	TMSU2 SHELF 0 OR 1 SIDE 0 OR 1 MESSAGE INTERFACE 32MHZ CLOCK OUT COMPLEMENT OR TRUE	(0,1)(E,0)EM(65, SY)(0-2)(C,T)	069-088	SIDE 0 OR 1 EVEN OR ODD EBUS TO MUX TAP MUX CONTROL LEADS 0 - 3 COMPLEMENT OR TRUE	(0,1)CS00(65,SY) (C,T)	109,110	CLOCK BOARD TO SUB IN TMSU2 SHELF 0 OR 1 65MHZ CLOCK OR 8KHZ SYNC COMPLEMENT OR TRUE
(0,1)(0,1)TMRS (T,TR)	053,055	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 TIME MULTIPLEXED SWITCH RESET OR RETURN	(0,1)(0,1)MI32 (C,T)	056,057	TMSU2 SHELF 0 OR 1 SIDE 0 OR 1 MESSAGE INTERFACE 32MHZ CLOCK OUT COMPLEMENT OR TRUE	(0,1)(E,0)EMC(AD, DT)(C,T)	069-088	SIDE 0 OR 1 EVEN OR ODD EBUS TO MUX TAP CONTROL ADDRESS AND CONTROL DATA COMPLEMENT OR TRUE	(0,1)TSC0T0(C,T)	109,110	CONTROL DATA FROM TMS INTERFACE BOARD TO SUB BOARD ON SHELF 0 OR 1 COMPLEMENT OR TRUE
(0,1)(0,1)TMSE (L,LR)	053,055	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 TIME MULTIPLEXED SWITCH SELECT OR RETURN				(0,1)(E,0)SE(0-2) (00-31)(C,T)	069-088 109,110 131-174	SIDE 0 OR 1 EVEN OR ODD EBUS SUB TO EBUS RECEIVE DATA FOR FABRIC BOARDS 0,1, OR 2 DATA LEADS 00 - 31 COMPLEMENT OR TRUE			
(0,1)(0,1)DTVA (L,LR)	052,054	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 DATA VALID OR RETURN									
(0,1)(0,1)ACCAL	052,054	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 ACTIVE CONTROL AND DIAGNOSTIC LINK									
(0,1)(0,1)ACTDAR	052,054	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 ACTIVE CONTROL AND DIAGNOSTIC LINK RETURN									
(0,1)(0,1)SACAL	052,054	MI SIDE 0 OR 1 MSCU SIDE 0 OR									

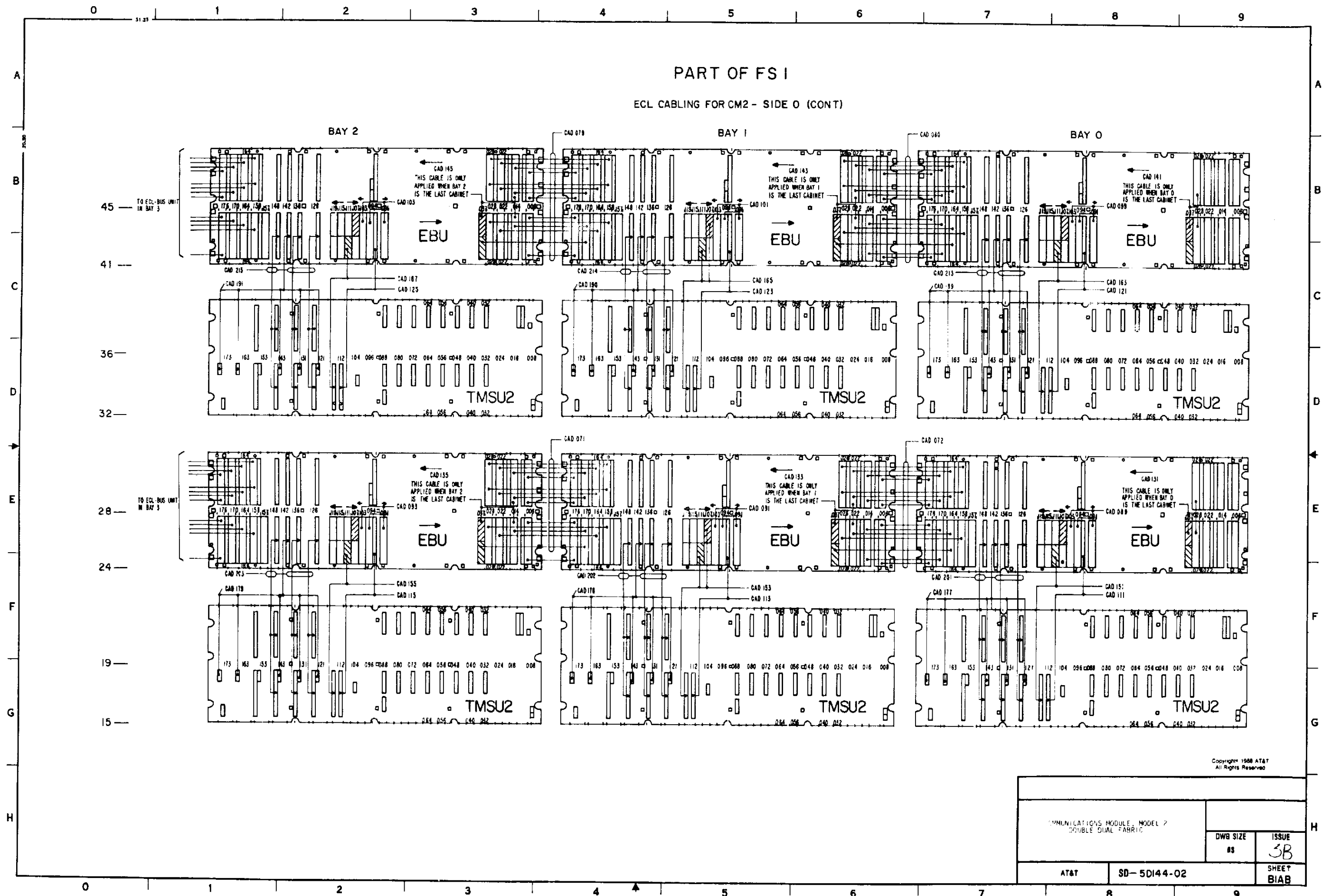
DESIGNATION MNEMONICS INDEX

MNEMONIC	CAQ NO.	DEFINITION
(0,1)TSCADD(C,T)	109,110	CONTROL ADDRESS FROM TMS INTERFACE BOARD TO SUB BOARD ON SHELF 0 OR 1 COMPLEMENT OR TRUE
(0,1)TSEM(0-3) (C,T)	109,110	SIDE 0 OR 1 TMS INTERFACE BOARD TO SUB BOARD ON SHELF 0 OR 1 MUX CONTROL LEADS 0 - 3 COMPLEMENT OR TRUE
(0,1)(E,0)1C(0,P) (0,1)	069-084 175,176	SPARE WIRES
(0,1)(E,0)1D(G,H) (0,1)	069-084 175,176	SPARE WIRES
(0,1)SPARE(0-23)	070-084 064	SPARE WIRES
(0,1)(E,0)SPARE (0-3)	085-088	SPARE WIRES
0(0,1)SPARE(1,8,9)	064	SPARE WIRES
11 SPARE(1,8,9)	064	SPARE WIRES

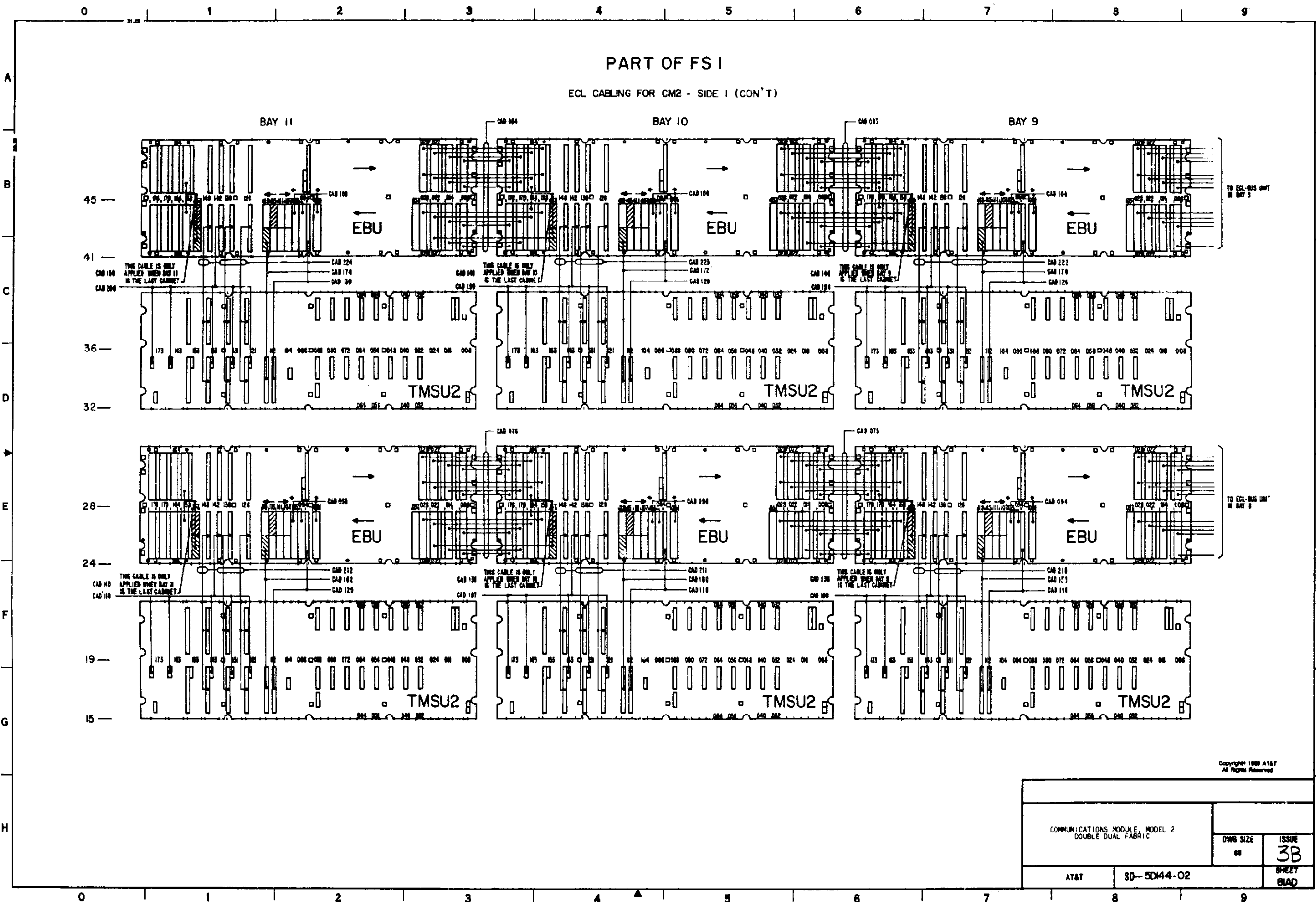
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COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC	IMG SIZE	ISSUE
	2	3B
AT&T	SD-5D144-02	A5



COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC		
OWN SIZE 88		ISSUE 38
AT&T	SD-SDI44-02	SHEET B1AA

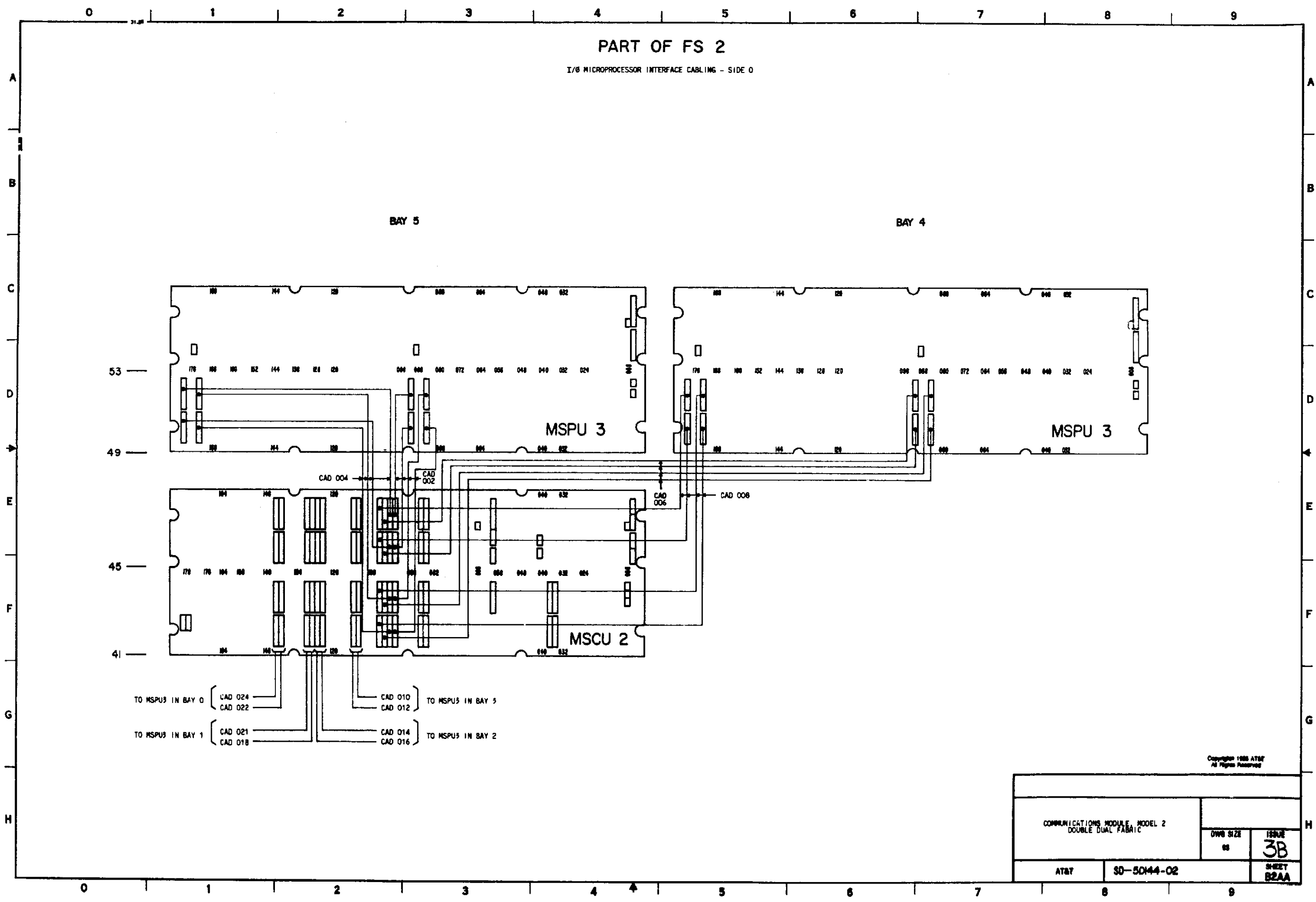


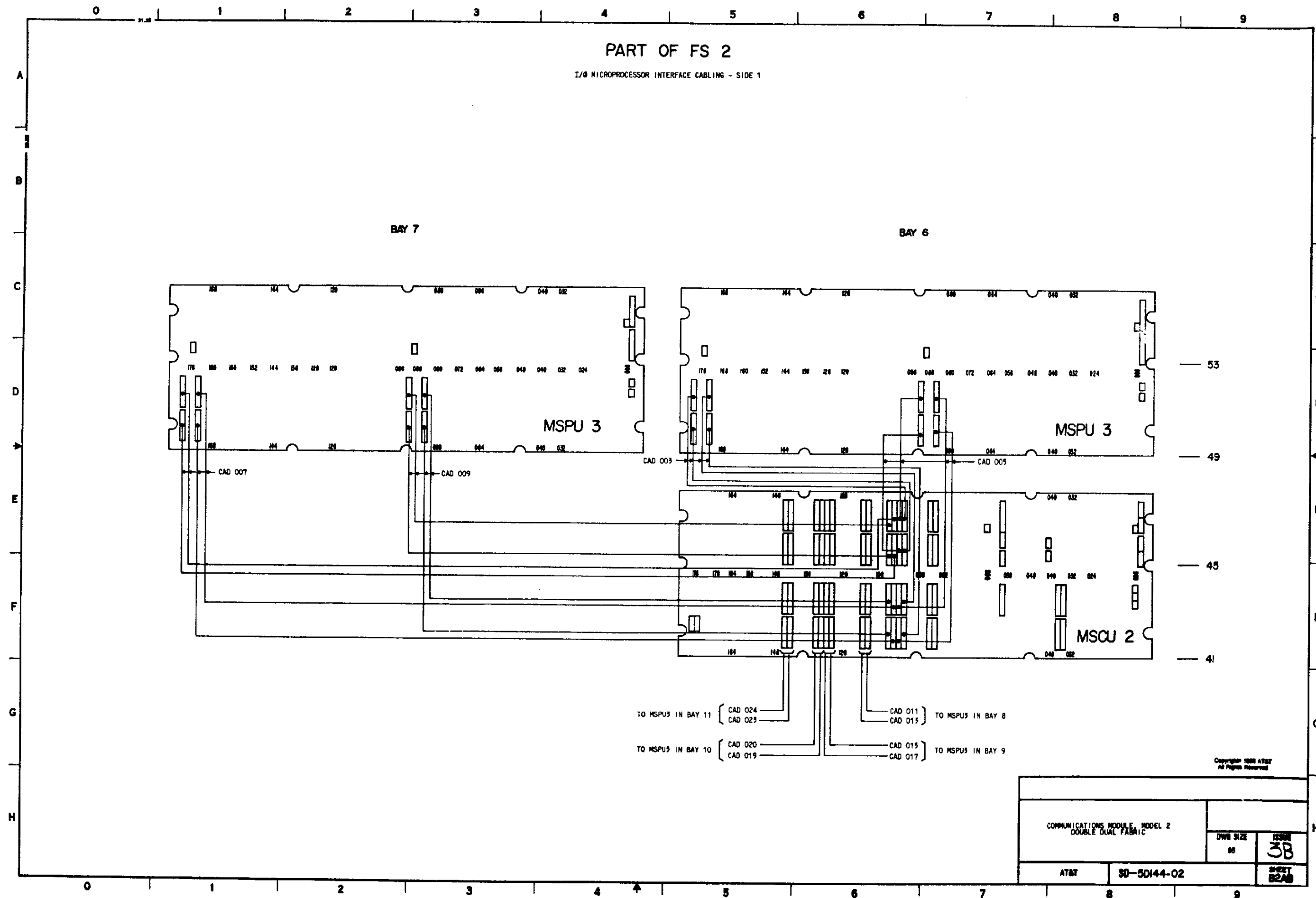
COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC			DWG SIZE SS	ISSUE 3B
AT&T	SD- 5D144-02		SHEET BLAC	



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COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC		OWN SIZE 88	ISSUE 3B
AT&T	SD-5044-02	SHEET BLAD	





FS 3
MESSAGE INTERFACE BUS CABLING SIDE 0

BAY 5 **BAY 4**

Connections List:

- TO MSPUS IN BAY 6 CAD 029
- TO MSPUS IN BAY 2 CAD 041
- TO MSPUS IN BAY 9 CAD 043
- TO MSPUS IN BAY 2 CAD 042
- TO MSPUS IN BAY 7 CAD 035
- TO MSPUS IN BAY 1 CAD 045
- TO MSPUS IN BAY 6 CAD 038
- TO MSPUS IN BAY 7 CAD 034
- TO MSPUS IN BAY 10 CAD 047
- TO MSPUS IN BAY 1 CAD 046
- TO MSPUS IN BAY 8 CAD 037
- TO MSPUS IN BAY 3 CAD 039
- TO MSPUS IN BAY 0 CAD 050
- TO MSPUS IN BAY 11 CAD 051
- TO MSPUS IN BAY 9 CAD 040
- TO MSPUS IN BAY 10 CAD 044
- TO MSPUS IN BAY 11 CAD 048
- TO MSPUS IN BAY 8 CAD 049
- TO MSPUS IN BAY 8 CAD 038
- TO MSPUS IN BAY 3 CAD 039
- TO CMCU IN BAY 6 CAD 031
- CAD 031
- TO CMCU IN BAY 6 CAD 028
- CAD 028
- TO CMCU IN BAY 6 CAD 035
- CAD 035
- TO CMCU IN BAY 5 CAD 032
- CAD 032
- TO CMCU IN BAY 6 CAD 028
- CAD 028
- TO MSPUS IN BAY 6 CAD 027
- TO MSPUS IN BAY 9 CAD 040
- TO MSPUS IN BAY 10 CAD 044
- TO MSPUS IN BAY 11 CAD 048
- TO MSPUS IN BAY 8 CAD 049
- TO MSPUS IN BAY 8 CAD 038
- TO MSPUS IN BAY 3 CAD 039
- ANALOG 1
- ANALOG 2

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COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC		DWG SIZE 68	ISSUE 3B
AT&T	SD-5044-02	SHEET B3AA	

COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC		DWG SIZE 00	ISSUE 38
AT&T	SD-SD44-02	SHEET B3AA	

SCAN AND DISTRIBUTE
CONTROL AND DIAGNOSTIC
TMS AND NETWORK CLOCK CROSS COUPLE
SIDE 0



COMMUNICATIONS MODULE, MODEL 2
DOUBLE DUAL FABRIC

DWG SIZE
60

3B

AT&T

SD-50144-02

SWIFT
PLA

APP FIG. 1

UNIT	DESIG	LOC	CODE
OPTION			
6 FT CAB	500-000	ED-90184-70, G6	
MSPU3	553-000	J50020AC-1, L1	
MSCU2	545-000	J50020AB-1, L1	
TMSU2	556-000	J50020AD-1, L8, 11, 2	
CMCU	528-000	J50020AA-1, L1	
FFU	569-000	J500038J-1, L1	
FFU	569-094	J500038J-1, L1	
FU	511-000	J500038M-1, L1	
CMCU	524-000	J50020AA-1, L3	
TMSU2	519-000	J50020AD-1, L8, 9, 2	
MSPU3	553-000	J50020AC-1, L2	
6 FT CAB	600-000	ED-90184-70, G6	
MSPU3	653-000	J50020AC-1, L1	
MSCU2	645-000	J50020AB-1, L1	
TMSU2	656-000	J50020AD-1, L8, 11, 2	
CMCU	628-000	J50020AA-1, L1	
FFU	669-000	J500038J-1, L1	
FFU	669-094	J500038J-1, L1	
FFU	669-000	J500038J-1, L2	
FU	611-000	J500038M-1, L1	
CMCU	624-000	J50020AA-1, L3	
TMSU2	619-000	J50020AD-1, L8, 9, 2	

APP FIG. 2

OPTION	DESIG	LOC	CODE
CMCU	528-000	J50020AA-1, L4	
CMCU	628-000	J50020AA-1, L4	

APP FIG. 3

OPTION	DESIG	LOC	CODE
CMCU	528-000	J50020AA-1, L5	
CMCU	628-000	J50020AA-1, L5	

APP FIG. 4

OPTION	DESIG	LOC	CODE
CMCU	528-000	J50020AA-1, L6	
CMCU	628-000	J50020AA-1, L6	

APP FIG. 5

OPTION	DESIG	LOC	CODE
CMCU	528-000	J50020AA-1, L7	
CMCU	628-000	J50020AA-1, L7	

APP FIG. 6

OPTION	DESIG	LOC	CODE
CMCU	528-000	J50020AA-1, L8	
CMCU	628-000	J50020AA-1, L8	

APP FIG. 7

OPTION	DESIG	LOC	CODE
CMCU	528-000	J50020AA-1, L9	
CMCU	628-000	J50020AA-1, L9	

APP FIG. 8

OPTION	DESIG	LOC	CODE
CMCU	528-000	J50020AA-1, L10	
CMCU	628-000	J50020AA-1, L10	

APP FIG. 9
(1A TRANCEIVER)

OPTION	DESIG	LOC	CODE
(ZV)	TMSU2	436-000	J50020AD-1, L4
(ZV)	TMSU2	736-000	J50020AD-1, L4
(ZV)	TMSU2	419-000	J50020AD-1, L4
(ZV)	TMSU2	719-000	J50020AD-1, L4
(ZW)	TMSU2	336-000	J50020AD-1, L4
(ZW)	TMSU2	836-000	J50020AD-1, L4
(ZW)	TMSU2	919-000	J50020AD-1, L4
(ZX)	TMSU2	819-000	J50020AD-1, L4
(ZX)	TMSU2	236-000	J50020AD-1, L4
(ZX)	TMSU2	936-000	J50020AD-1, L4
(ZX)	TMSU2	219-000	J50020AD-1, L4
(ZY)	TMSU2	919-000	J50020AD-1, L4
(ZY)	TMSU2	136-000	J50020AD-1, L4
(ZY)	TMSU2	1036-000	J50020AD-1, L4
(ZY)	TMSU2	119-000	J50020AD-1, L4
(ZY)	TMSU2	1019-000	J50020AD-1, L4
(ZZ)	TMSU2	036-000	J50020AD-1, L4
(ZZ)	TMSU2	1136-000	J50020AD-1, L4
(ZZ)	TMSU2	019-000	J50020AD-1, L4
(ZZ)	TMSU2	1119-000	J50020AD-1, L4
(XM)	TMSU2	536-000	J50020AD-1, L4
(XM)	TMSU2	636-000	J50020AD-1, L4
(XM)	TMSU2	519-000	J50020AD-1, L4
(XM)	TMSU2	619-000	J50020AD-1, L4

APP FIG. 10
(1A TRANCEIVER)

OPTION	DESIG	LOC	CODE
(YA)	TMSU2	436-000	J50020AD-1, L3
(YA)	TMSU2	736-000	J50020AD-1, L3
(YA)	TMSU2	419-000	J50020AD-1, L3
(YA)	TMSU2	719-000	J50020AD-1, L3
(YB)	TMSU2	336-000	J50020AD-1, L3
(YB)	TMSU2	836-000	J50020AD-1, L3
(YB)	TMSU2	919-000	J50020AD-1, L3
(YB)	TMSU2	819-000	J50020AD-1, L3
(YD)	TMSU2	236-000	J50020AD-1, L3
(YD)	TMSU2	936-000	J50020AD-1, L3
(YD)	TMSU2	219-000	J50020AD-1, L3
(YD)	TMSU2	919-000	J50020AD-1, L3
(YE)	TMSU2	136-000	J50020AD-1, L3
(YE)	TMSU2	1036-000	J50020AD-1, L3
(YE)	TMSU2	119-000	J50020AD-1, L3
(YE)	TMSU2	1019-000	J50020AD-1, L3
(YF)	TMSU2	036-000	J50020AD-1, L3
(YF)	TMSU2	1136-000	J50020AD-1, L3
(YF)	TMSU2	019-000	J50020AD-1, L3
(YF)	TMSU2	1119-000	J50020AD-1, L3
(XN)	TMSU2	536-000	J50020AD-1, L3
(XN)	TMSU2	636-000	J50020AD-1, L3
(XN)	TMSU2	519-000	J50020AD-1, L3
(XN)	TMSU2	619-000	J50020AD-1, L3

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COMMUNICATIONS MODULE, MODEL 2
DOUBLE DUAL FABRIC

DRAW SIZE
68

ISSUE
3B

AT&T

SD-5D144-02

SHEET
C1

APP FIG. 11
(TN856B & TN870)

UNIT	DESIG	LOC	CODE
(X)	MSPU3	453-000	J50020AC-1, L2
(X)	MSPU3	753-000	J50020AC-1, L2
(W)	MSPU3	953-000	J50020AC-1, L2
(W)	MSPU3	853-000	J50020AC-1, L2
(V)	MSPU3	253-000	J50020AC-1, L2
(V)	MSPU3	953-000	J50020AC-1, L2
(U)	MSPU3	153-000	J50020AC-1, L2
(U)	MSPU3	1053-000	J50020AC-1, L2
(T)	MSPU3	053-000	J50020AC-1, L2
(T)	MSPU3	1153-000	J50020AC-1, L2
(XP)	MSPU3	553-000	J50020AC-1, L2
(XP)	MSPU3	653-000	J50020AC-1, L2

APP FIG. 12

OPTION	DESIG	LOC	CODE
(D)	6 FT CAB	300-000	ED-50184-70, G6
(D)	FU	311-000	J50003BN-1, L1
(D)	FFU	369-000	J50003BJ-1, L1
(D)	FFU	369-094	J50003BJ-1, L1
(D)	FFU	369-000	J50003BJ-1, L2
(D)	6 FT CAB	800-000	ED-50184-70, G6
(D)	FU	811-000	J50003BN-1, L1
(D)	FFU	869-000	J50003BJ-1, L1
(D)	FFU	869-094	J50003BJ-1, L1
(B)	6 FT CAB	200-000	ED-50184-70, G6
(B)	FU	211-000	J50003BN-1, L1
(B)	FFU	269-000	J50003BJ-1, L1
(B)	FFU	269-094	J50003BJ-1, L1
(B)	6 FT CAB	900-000	ED-50184-70, G6
(B)	FU	911-000	J50003BN-1, L1
(B)	FFU	969-000	J50003BJ-1, L1
(B)	FFU	969-000	J50003BJ-1, L2
(B)	FFU	969-094	J50003BJ-1, L1
(A)	6 FT CAB	100-000	ED-50184-70, G6
(A)	FU	111-000	J50003BN-1, L1
(A)	FFU	169-000	J50003BJ-1, L1
(A)	FFU	169-094	J50003BJ-1, L1
(A)	6 FT CAB	1000-000	ED-50184-70, G6
(A)	FU	1011-000	J50003BN-1, L1
(A)	FFU	1069-000	J50003BJ-1, L1
(A)	FFU	1069-094	J50003BJ-1, L1
(ZA)	6 FT CAB	000-000	ED-50184-70, G6
(ZA)	FU	011-000	J50003BN-1, L1
(ZA)	FFU	069-000	J50003BJ-1, L1
(ZA)	FFU	069-000	J50003BJ-1, L2
(ZA)	FFU	069-094	J50003BJ-1, L1
(ZA)	6 FT CAB	1100-000	ED-50184-70, G6
(ZA)	FU	1111-000	J50003BN-1, L1
(ZA)	FFU	1169-000	J50003BJ-1, L1
(ZA)	FFU	1169-094	J50003BJ-1, L1
(XQ)	6 FT CAB	400-000	ED-50184-70, G6
(XQ)	FU	411-000	J50003BN-1, L1
(XQ)	FFU	469-000	J50003BJ-1, L1
(XQ)	FFU	469-094	J50003BJ-1, L1
(XQ)	6 FT CAB	700-000	ED-50184-70, G6
(XQ)	FU	711-000	J50003BN-1, L1
(XQ)	FFU	769-000	J50003BJ-1, L1
(XQ)	FFU	769-094	J50003BJ-1, L1

APP FIG. 13
(UNIT)

OPTION	DESIG	LOC	CODE
(YG, YJ)	TMSU2	336-000	J50020AD-1, L8, 9, 3
(YG, YJ)	TMSU2	836-000	J50020AD-1, L8, 9, 3
(YG, YJ)	TMSU2	319-000	J50020AD-1, L8, 9, 3
(YG, YJ)	TMSU2	819-000	J50020AD-1, L8, 9, 3
(YK, YM)	TMSU2	236-000	J50020AD-1, L8, 9, 3
(YK, YM)	TMSU2	936-000	J50020AD-1, L8, 9, 3
(YK, YM)	TMSU2	219-000	J50020AD-1, L8, 9, 3
(YK, YM)	TMSU2	919-000	J50020AD-1, L8, 9, 3
(YN, YP)	TMSU2	136-000	J50020AD-1, L8, 9, 3
(YN, YP)	TMSU2	1036-000	J50020AD-1, L8, 9, 3
(YN, YP)	TMSU2	119-000	J50020AD-1, L8, 9, 3
(YN, YP)	TMSU2	1019-000	J50020AD-1, L8, 9, 3
(YQ, YR)	TMSU2	036-000	J50020AD-1, L8, 9, 3
(YQ, YR)	TMSU2	1136-000	J50020AD-1, L8, 9, 3
(YQ, YR)	TMSU2	019-000	J50020AD-1, L8, 9, 3
(YQ, YR)	TMSU2	1119-000	J50020AD-1, L8, 9, 3
(ZB)	TMSU2	436-000	J50020AD-1, L8, 9, 3
(ZB)	TMSU2	736-000	J50020AD-1, L8, 9, 3
(ZB)	TMSU2	419-000	J50020AD-1, L8, 9, 3
(ZB)	TMSU2	719-000	J50020AD-1, L8, 9, 3

APP FIG. 14
(2ND & 3RD KBN1 OR KBN4 PACK)
(NOTE 211)

OPTION	DESIG	LOC	CODE
(YS)	TMSU2	536-000	J50020AD-1, L7
(YS)	TMSU2	636-000	J50020AD-1, L7
(YS)	TMSU2	319-000	J50020AD-1, L7
(YS)	TMSU2	819-000	J50020AD-1, L7
(YT)	TMSU2	436-000	J50020AD-1, L7
(YT)	TMSU2	736-000	J50020AD-1, L7
(YT)	TMSU2	419-000	J50020AD-1, L7
(YT)	TMSU2	719-000	J50020AD-1, L7
(YU)	TMSU2	336-000	J50020AD-1, L7
(YU)	TMSU2	836-000	J50020AD-1, L7
(YU)	TMSU2	319-000	J50020AD-1, L7
(YU)	TMSU2	819-000	J50020AD-1, L7
(YV)	TMSU2	236-000	J50020AD-1, L7
(YV)	TMSU2	936-000	J50020AD-1, L7
(YV)	TMSU2	219-000	J50020AD-1, L7
(YV)	TMSU2	919-000	J50020AD-1, L7
(YN)	TMSU2	136-000	J50020AD-1, L7
(YN)	TMSU2	1036-000	J50020AD-1, L7
(YN)	TMSU2	119-000	J50020AD-1, L7
(YN)	TMSU2	1019-000	J50020AD-1, L7
(YX)	TMSU2	036-000	J50020AD-1, L7
(YX)	TMSU2	1136-000	J50020AD-1, L7
(YX)	TMSU2	019-000	J50020AD-1, L7
(YX)	TMSU2	1119-000	J50020AD-1, L7

APP FIG. 15
(2ND KBN2 PACK)

UNIT	DESIG	LOC	CODE
(YY)	TMSU2	436-000	J50020AD-1, L5
(YY)	TMSU2	736-000	J50020AD-1, L5
(YY)	TMSU2	419-000	J50020AD-1, L5
(YY)	TMSU2	719-000	J50020AD-1, L5
(YZ)	TMSU2	336-000	J50020AD-1, L5
(YZ)	TMSU2	836-000	J50020AD-1, L5
(YZ)	TMSU2	319-000	J50020AD-1, L5
(YZ)	TMSU2	819-000	J50020AD-1, L5
(XA)	TMSU2	236-000	J50020AD-1, L5
(XA)	TMSU2	936-000	J50020AD-1, L5
(XA)	TMSU2	219-000	J50020AD-1, L5
(XA)	TMSU2	919-000	J50020AD-1, L5
(XB)	TMSU2	136-000	J50020AD-1, L5
(XB)	TMSU2	1036-000	J50020AD-1, L5
(XB)	TMSU2	119-000	J50020AD-1, L5
(XB)	TMSU2	1019-000	J50020AD-1, L5
(XD)	TMSU2	036-000	J50020AD-1, L5
(XD)	TMSU2	1136-000	J50020AD-1, L5
(XD)	TMSU2	019-000	J50020AD-1, L5
(XD)	TMSU2	1119-000	J50020AD-1, L5
(XR)	TMSU2	336-000	J50020AC-1, L5
(XR)	TMSU2	836-000	J50020AC-1, L5
(XR)	TMSU2	319-000	J50020AC-1, L5
(XR)	TMSU2	819-000	J50020AC-1, L5

APP FIG. 16
(2ND 410AA PACK)

OPTION	DESIG	LOC	CODE
(XE)	TMSU2	436-000	J50020AD-1, L6
(XE)	TMSU2	736-000	J50020AD-1, L6
(XE)	TMSU2	419-000	J50020AD-1, L6
(XE)	TMSU2	719-000	J50020AD-1, L6
(XF)	TMSU2	336-000	J50020AD-1, L6
(XF)	TMSU2	836-000	J50020AD-1, L6
(XF)	TMSU2	319-000	J50020AD-1, L6
(XF)	TMSU2	819-000	J50020AD-1, L6
(XG)	TMSU2	236-000	J50020AD-1, L6
(XG)	TMSU2	936-000	J50020AD-1, L6
(XG)	TMSU2	219-000	J50020AD-1, L6
(XG)	TMSU2	919-000	J50020AD-1, L6
(XH)	TMSU2	136-000	J50020AD-1, L6
(XH)	TMSU2	1036-000	J50020AD-1, L6
(XH)	TMSU2	119-000	J50020AD-1, L6
(XH)	TMSU2	1019-000	J50020AD-1, L6
(XI)	TMSU2	036-000	J50020AD-1, L6
(XI)	TMSU2	1136-000	J50020AD-1, L6
(XI)	TMSU2	019-000	J50020AD-1, L6
(XI)	TMSU2	1119-000	J50020AD-1, L6
(XS)	TMSU2	336-000	J50020AC-1, L6
(XS)	TMSU2	836-000	J50020AC-1, L6
(XS)	TMSU2	319-000	J50020AC-1, L6
(XS)	TMSU2	819-000	J50020AC-1, L6

APP FIG. 17

OPTION	DESIG	LOC	CODE
(S, R, Q)	MSCU2	545-000	J50020AB-1, L2
(S, R, Q)	MSCU2	645-000	J50020AB-1, L2
(S)	MSPU3	453-000	J50020AC-1, L1
(S)	MSPU3	753-000	J50020AC-1, L1
(R)	MSPU3	253-000	J50020AC-1, L1
(R)	MSPU3	953-000	J50020AC-1, L1
(Q)	MSPU3	053-000	J50020AC-1, L1
(Q)	MSPU3	1153-000	J50020AC-1, L1

APP FIG. 18
(UNIT)

OPTION	DESIG	LOC	CODE
(P)	MSPU3	353-000	J50020AC-1, L1
(P)	MSPU3	853-000	J50020AC-1, L1
(N)	MSPU3	153-000	J50020AC-1, L1
(N)	MSPU3	1053-000	J50020AC-1, L1

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COMMUNICATIONS MODULE, MODEL 2
DOUBLE DUAL FABRIC

OWN SIZE

38

ISSUE

3B

AT&T

SD-50144-02

SHEET

C2

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COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC		OWS SIZE 18	ISSUE 3B
AT&T	SD-5044-02	SHEET C2	

0 1 2 3 4 5 6 7 8 9

APP FIG. 19
(UNIT)

OPTION	DESIG	LOC	CODE
(ZE)	EBU	328-000	J50020AE-1, L5
(ZE)	EBU	828-000	J50020AE-1, L5
(ZE)	EBU	845-000	J50020AE-1, L5
(ZE)	EBU	845-000	J50020AE-1, L5
(ZF)	EBU	228-000	J50020AE-1, L5
(ZF)	EBU	928-000	J50020AE-1, L5
(ZF)	EBU	245-000	J50020AE-1, L5
(ZF)	EBU	945-000	J50020AE-1, L5
(ZG)	EBU	128-000	J50020AE-1, L5
(ZG)	EBU	1028-000	J50020AE-1, L5
(ZG)	EBU	145-000	J50020AE-1, L5
(ZG)	EBU	1045-000	J50020AE-1, L5
(ZJ)	EBU	028-000	J50020AE-1, L5
(ZJ)	EBU	1128-000	J50020AE-1, L5
(ZJ)	EBU	045-000	J50020AE-1, L5
(ZJ)	EBU	1145-000	J50020AE-1, L5
(ZD)	EBU	428-000	J50020AE-1, L5
(ZD)	EBU	728-000	J50020AE-1, L5
(ZD)	EBU	445-000	J50020AE-1, L5
(ZD)	EBU	745-000	J50020AE-1, L5

APP FIG. 20
(UN197 PACK)

OPTION	DESIG	LOC	CODE
(ZK)	EBU	428-000	J50020AE-1, L6
(ZK)	EBU	728-000	J50020AE-1, L6
(ZK)	EBU	445-000	J50020AE-1, L6
(ZK)	EBU	745-000	J50020AE-1, L6
(ZM)	EBU	328-000	J50020AE-1, L6
(ZM)	EBU	828-000	J50020AE-1, L6
(ZM)	EBU	245-000	J50020AE-1, L6
(ZM)	EBU	945-000	J50020AE-1, L6
(ZN)	EBU	228-000	J50020AE-1, L6
(ZN)	EBU	928-000	J50020AE-1, L6
(ZN)	EBU	245-000	J50020AE-1, L6
(ZN)	EBU	945-000	J50020AE-1, L6
(ZP)	EBU	128-000	J50020AE-1, L6
(ZP)	EBU	1028-000	J50020AE-1, L6
(ZP)	EBU	145-000	J50020AE-1, L6
(ZP)	EBU	1045-000	J50020AE-1, L6
(ZQ)	EBU	028-000	J50020AE-1, L6
(ZQ)	EBU	1128-000	J50020AE-1, L6
(ZQ)	EBU	045-000	J50020AE-1, L6
(ZQ)	EBU	1145-000	J50020AE-1, L6

APP FIG. 21
(UN198 PACK)

OPTION	DESIG	LOC	CODE
(ZS)	EBU	228-000	J50020AE-1, L4
(ZS)	EBU	928-000	J50020AE-1, L4
(ZS)	EBU	245-000	J50020AE-1, L4
(ZS)	EBU	945-000	J50020AE-1, L4
(ZU)	EBU	028-000	J50020AE-1, L4
(ZU)	EBU	1128-000	J50020AE-1, L4
(ZU)	EBU	045-000	J50020AE-1, L4
(ZU)	EBU	1145-000	J50020AE-1, L4
(XT)	EBU	428-000	J50020AE-1, L4
(XT)	EBU	728-000	J50020AE-1, L4
(XT)	EBU	445-000	J50020AE-1, L4
(XT)	EBU	745-000	J50020AE-1, L4

APP FIG. 22

OPTION	DESIG	LOC	CODE
(M)	MSPU3	553-000	J50020AC-1, L UNASSIGNED
(M)	MSPU3	653-000	J50020AC-1, L UNASSIGNED
(K)	MSPU3	453-000	J50020AC-1, L UNASSIGNED
(K)	MSPU3	753-000	J50020AC-1, L UNASSIGNED
(J)	MSPU3	353-000	J50020AC-1, L UNASSIGNED
(J)	MSPU3	853-000	J50020AC-1, L UNASSIGNED
(G)	MSPU3	253-000	J50020AC-1, L UNASSIGNED
(G)	MSPU3	953-000	J50020AC-1, L UNASSIGNED
(F)	MSPU3	153-000	J50020AC-1, L UNASSIGNED
(F)	MSPU3	1053-000	J50020AC-1, L UNASSIGNED
(E)	MSPU3	053-000	J50020AC-1, L UNASSIGNED
(E)	MSPU3	1153-000	J50020AC-1, L UNASSIGNED

APP FIG. 23
(UN310 PACK)

OPTION	DESIG	LOC	CODE
(XV)	EBU	428-000	J50020AE-1, L7
(XV)	EBU	728-000	J50020AE-1, L7
(XV)	EBU	445-000	J50020AE-1, L7
(XV)	EBU	745-000	J50020AE-1, L7

APP FIG. 24
(UN311 PACK)

OPTION	DESIG	LOC	CODE
(XX)	EBU	328-000	J50020AE-1, L8
(XX)	EBU	828-000	J50020AE-1, L8
(XX)	EBU	845-000	J50020AE-1, L8
(XY)	EBU	228-000	J50020AE-1, L8
(XY)	EBU	928-000	J50020AE-1, L8
(XY)	EBU	245-000	J50020AE-1, L8
(XY)	EBU	945-000	J50020AE-1, L8
(XZ)	EBU	128-000	J50020AE-1, L8
(XZ)	EBU	1028-000	J50020AE-1, L8
(XZ)	EBU	145-000	J50020AE-1, L8
(XZ)	EBU	1045-000	J50020AE-1, L8
(HA)	EBU	028-000	J50020AE-1, L8
(HA)	EBU	1128-000	J50020AE-1, L8
(HA)	EBU	045-000	J50020AE-1, L8
(HA)	EBU	1145-000	J50020AE-1, L8

APP FIG. 25
(UN312 PACK)

OPTION	DESIG	LOC	CODE
(XW)	EBU	428-000	J50020AE-1, L9
(XW)	EBU	728-000	J50020AE-1, L9
(XW)	EBU	445-000	J50020AE-1, L9
(XW)	EBU	745-000	J50020AE-1, L9

APP FIG. 26
(UN313 PACK)

OPTION	DESIG	LOC	CODE
(WB)	EBU	328-000	J50020AE-1, L10
(WB)	EBU	828-000	J50020AE-1, L10
(WB)	EBU	845-000	J50020AE-1, L10
(WD)	EBU	228-000	J50020AE-1, L10
(WD)	EBU	928-000	J50020AE-1, L10
(WD)	EBU	245-000	J50020AE-1, L10
(WD)	EBU	945-000	J50020AE-1, L10
(WE)	EBU	128-000	J50020AE-1, L10
(WE)	EBU	1028-000	J50020AE-1, L10
(WE)	EBU	145-000	J50020AE-1, L10
(WE)	EBU	1045-000	J50020AE-1, L10
(WF)	EBU	028-000	J50020AE-1, L10
(WF)	EBU	1128-000	J50020AE-1, L10
(WF)	EBU	045-000	J50020AE-1, L10
(WF)	EBU	1145-000	J50020AE-1, L10

APP FIG. 27
(UN500, UN501 PACKS)

OPTION	DESIG	LOC	CODE
(ZR)	EBU	328-000	J50020AE-1, L12
(ZR)	EBU	828-000	J50020AE-1, L12
(ZR)	EBU	845-000	J50020AE-1, L12
(ZR)	EBU	845-000	J50020AE-1, L12
(ZT)	EBU	128-000	J50020AE-1, L12
(ZT)	EBU	1028-000	J50020AE-1, L12
(ZT)	EBU	145-000	J50020AE-1, L12
(ZT)	EBU	1045-000	J50020AE-1, L12

APP FIG. 28
(UN503, UN504 PACKS)

OPTION	DESIG	LOC	CODE
(VG)	EBU	228-000	J50020AE-1, L13
(VG)	EBU	928-000	J50020AE-1, L13
(VG)	EBU	245-000	J50020AE-1, L13
(VG)	EBU	945-000	J50020AE-1, L13
(VJ)	EBU	028-000	J50020AE-1, L13
(VJ)	EBU	1128-000	J50020AE-1, L13
(VJ)	EBU	045-000	J50020AE-1, L13
(VJ)	EBU	1145-000	J50020AE-1, L13

APP FIG. 30
(982TH)

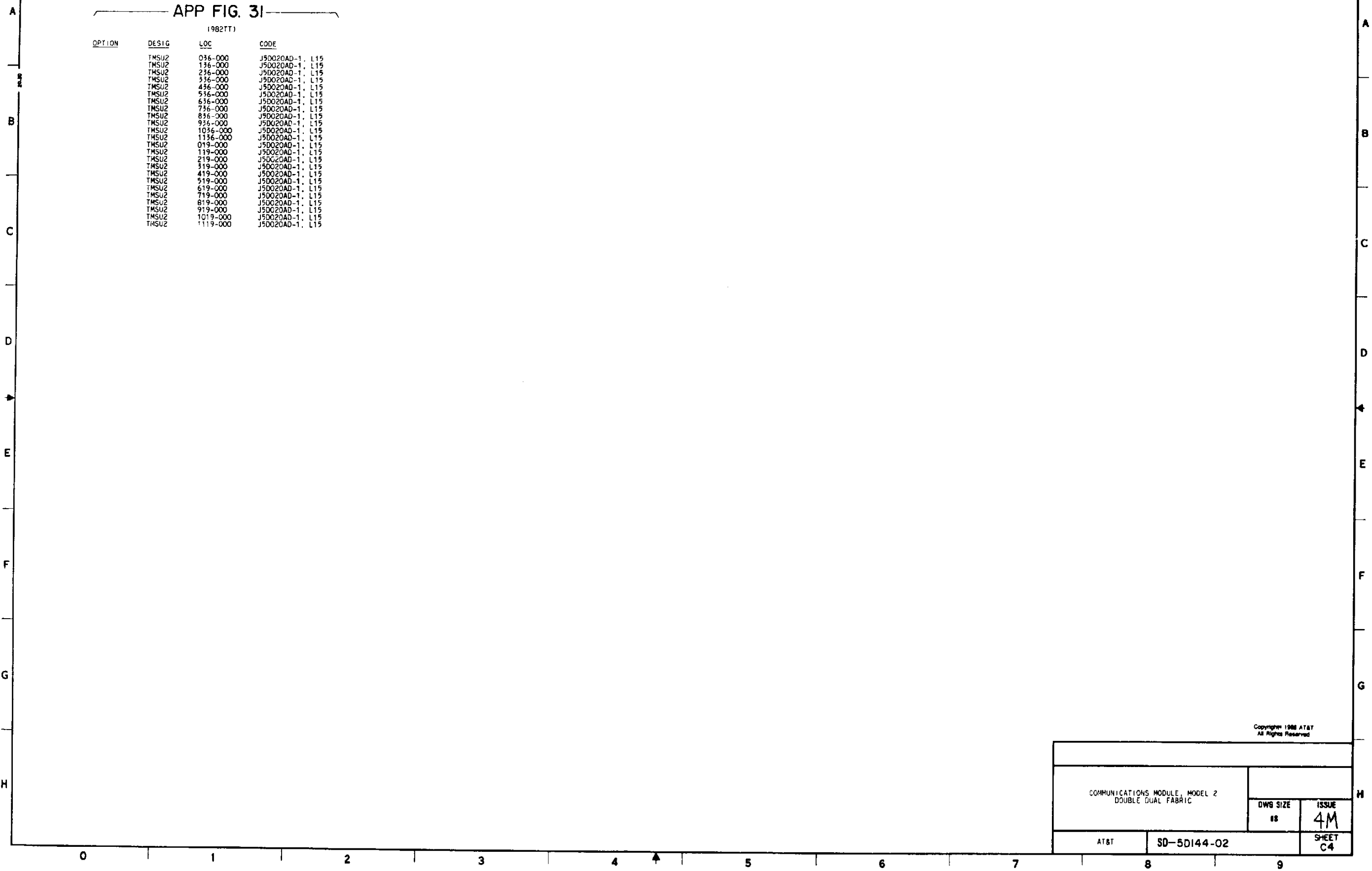
OPTION	DESIG	LOC	CODE
IMSU2		256-000	J50020AD-1, L10
IMSU2		556-000	J50020AD-1, L10
IMSU2		256-000	J50020AD-1, L10
IMSU2		556-000	J50020AD-1, L10
IMSU2		456-000	J50020AD-1, L10
IMSU2		556-000	J50020AD-1, L10
IMSU2		656-000	J50020AD-1, L10
IMSU2		756-000	J50020AD-1, L10
IMSU2		856-000	J50020AD-1, L10
IMSU2		956-000	J50020AD-1, L10
IMSU2		1056-000	J50020AD-1, L10
IMSU2		1156-000	J50020AD-1, L10
IMSU2		019-000	J50020AD-1, L10
IMSU2		119-000	J50020AD-1, L10
IMSU2		219-000	J50020AD-1, L10
IMSU2		319-000	J50020AD-1, L10
IMSU2		419-000	J50020AD-1, L10
IMSU2		519-000	J50020AD-1, L10
IMSU2		619-000	J50020AD-1, L10
IMSU2		719-000	J50020AD-1, L10
IMSU2		819-000	J50020AD-1, L10
IMSU2		919-000	J50020AD-1, L10
IMSU2		1019-000	J50020AD-1, L10
IMSU2		1119-000	J50020AD-1, L10

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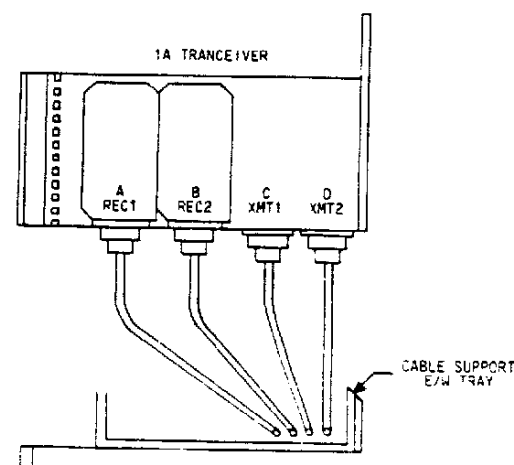
COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC		DWG SIZE 8 1/2	ISSUE 4M
AT&T	SD-50144-02	SHEET C3	

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9



FIBER OPTIC DRESS FOR
THE J5D020A TMSU2
IN CM2 CABINET
(SEE NOTE 202,203,208)



SIDE VIEW OF FIBER OPTIC
DRESS ON TMSU2 J5D020AD-1
IN CM2

The top diagram, labeled '982TH', illustrates a radio receiver system. It features a central receiver unit (A1) connected to a speaker (A2) and a control unit (J1, J3). The receiver (A1) is connected to a speaker (A2) via a cable. The control unit (J1, J3) is connected to the receiver (A1) via a cable. The receiver (A1) is also connected to a speaker (A2) via a cable. The control unit (J1, J3) is connected to the receiver (A1) via a cable. The receiver (A1) is connected to a speaker (A2) via a cable. The control unit (J1, J3) is connected to the receiver (A1) via a cable.

The bottom diagram, labeled '982TT', illustrates a radio receiver system. It features a central receiver unit (A1) connected to two speakers (REC 1, REC 2) and a control unit (J1, J3). The receiver (A1) is connected to two speakers (REC 1, REC 2) via cables. The control unit (J1, J3) is connected to the receiver (A1) via a cable. The receiver (A1) is connected to two speakers (REC 1, REC 2) via cables. The control unit (J1, J3) is connected to the receiver (A1) via a cable.

202. NCT LINK APPLICATION TABLES.

DUAL									
CABLE DESIG	JL13	JL15	JL9	JL11	JL14	JL16	JL10	JL12	
NCT LINKS	C3		OA		1B		1A		
	XMT 145- 084- 112	REC 145- 084- 100	XMT 145- 084- 132	REC 145- 084- 145	XMT 145- 100- 113	REC 145- 100- 100	XMT 145- 100- 132	REC 145- 100- 145	
SH(1) SMC 1 TSIU2									
CM2 PORTS									
OOD SH NBR	CM2 "O" SIDE				CM2 "I" SIDE				
	REC A	XMT C	REC A	XMT C	REC A	XMT C	REC A	XMT C	
SM11	519-088-145		536-088-145		619-088-145		636-088-145		
SM13	519-080-145		536-080-145		619-080-145		636-080-145		
SM15	519-080-113		536-080-113		619-080-113		636-080-113		
SM17	519-072-145		536-072-145		619-072-145		636-072-145		
SM19	519-072-113		536-072-113		619-072-113		636-072-113		
SM111	519-064-145		536-064-145		619-064-145		636-064-145		
SM113	519-064-113		536-064-113		619-064-113		636-064-113		
SM115	519-056-145		536-056-145		619-056-145		636-056-145		
SM117	519-056-113		536-056-113		619-056-113		636-056-113		
SM119	519-048-145		536-048-145		619-048-145		636-048-145		
SM121	519-048-113		536-048-113		619-048-113		636-048-113		
SM123	519-040-145		536-040-145		619-040-145		636-040-145		
SM125	519-040-113		536-040-113		619-040-113		636-040-113		
SM127	519-032-145		536-032-145		619-032-145		636-032-145		
SM129	519-032-113		536-032-113		619-032-113		636-032-113		
SM131	419-088-145		436-088-145		719-088-145		736-088-145		
SM133	419-088-113		436-088-113		719-088-113		736-088-113		
SM135	419-080-145		436-080-145		719-080-145		736-080-145		
SM137	419-080-113		436-080-113		719-080-113		736-080-113		
SM139	419-072-145		436-072-145		719-072-145		736-072-145		
SM141	419-072-113		436-072-113		719-072-113		736-072-113		
SM143	419-064-145		436-064-145		719-064-145		736-064-145		
SM145	419-064-113		436-064-113		719-064-113		736-064-113		
SM147	419-056-145		436-056-145		719-056-145		736-056-145		
SM149	419-056-113		436-056-113		719-056-113		736-056-113		
SM151	419-048-145		436-048-145		719-048-145		736-048-145		
SM153	419-048-113		436-048-113		719-048-113		736-048-113		
SM155	419-040-145		436-040-145		719-040-145		736-040-145		
SM157	419-040-113		436-040-113		719-040-113		736-040-113		
SM159	419-032-145		436-032-145		719-032-145		736-032-145		
SM161	419-032-113		436-032-113		719-032-113		736-032-113		
SM163	319-088-145		336-088-145		819-088-145		836-088-145		
SM165	319-088-113		336-088-113		819-088-113		836-088-113		
SM167	319-080-145		336-080-145		819-080-145		836-080-145		
SM169	319-080-113		336-080-113		819-080-113		836-080-113		
SM1									

CABLE DESIG	XL13	XL15	XL9	XL11	XL14	XL16	XL10	XL12
NCT LINKS	OB		OA		IB		IA	
	XNTR	REC	XNTR	REC	XNTR	REC	XNTR	REC
SM1 SPC 1 TS102	145- 084- 113	145- 084- 100	145- 08- 132	145- 084- 145	145- 100- 113	145- 100- 100	145- 100- 132	145- 100- 145
CM2 PORTS								
ODD SN HBR	CM2 "0" SIDE				CM2 "1" SIDE			
	REC 1 A	XMT 1 C	REC 1 A	XMT 1 C	REC 1 A	XMT 1 C	REC 1 A	XMT 1 C
SM97	219-088-113		236-088-113		919-088-113		936-088-113	
SM99	219-080-145		236-080-145		919-080-145		936-080-145	
SM101	219-080-113		236-080-113		919-080-113		936-080-113	
SM103	219-072-145		236-072-145		919-072-145		936-072-145	
SM105	219-072-113		236-072-113		919-072-113		936-072-113	
SM107	219-064-145		236-064-145		919-064-145		936-064-145	
SM109	219-064-113		236-064-113		919-064-113		936-064-113	
SM111	219-056-145		236-056-145		919-056-145		936-056-145	
SM113	219-056-113		236-056-113		919-056-113		936-056-113	
SM115	219-048-145		236-048-145		919-048-145		936-048-145	
SM117	219-048-113		236-048-113		919-048-113		936-048-113	
SM119	219-040-145		236-040-145		919-040-145		936-040-145	
SM121	219-040-113		236-040-113		919-040-113		936-040-113	
SM123	219-032-145		236-032-145		919-032-145		936-032-145	
SM125	219-032-113		236-032-113		919-032-113		936-032-113	
SM127	219-088-145		236-088-145		1019-088-145		1036-088-145	
SM129	219-088-113		236-088-113		1019-088-113		1036-088-113	
SM131	219-080-145		236-080-145		1019-080-145		1036-080-145	
SM133	219-080-113		236-080-113		1019-080-113		1036-080-113	
SM135	219-072-145		236-072-145		1019-072-145		1036-072-145	
SM137	219-072-113		236-072-113		1019-072-113		1036-072-113	
SM139	219-064-145		236-064-145		1019-064-145		1036-064-145	
SM141	219-064-113		236-064-113		1019-064-113		1036-064-113	
SM143	219-056-145		236-056-145		1019-056-145		1036-056-145	
SM145	219-056-113		236-056-113		1019-056-113		1036-056-113	
SM147	219-048-145		236-048-145		1019-048-145		1036-048-145	
SM149	219-048-113		236-048-113		1019-048-113		1036-048-113	
SM151	219-040-145		236-040-145		1019-040-145		1036-040-145	
SM153	219-040-113		236-040-113		1019-040-113		1036-040-113	
SM155	219-032-145		236-032-145		1019-032-145		1036-032-145	
SM157	219-032-113		236-032-113		1019-032-113		1036-032-113	
SM159	219-088-145		236-088-145		1119-088-145		1136-088-145	
SM161	219-088-113		236-088-113		1119-088-113		1136-088-113	
SM163	219-080-145		236-080-145		1119-080-145		1136-080-145	
SM165	219-080-113		236-080-113		1119-080-113		1136-080-113	
SM167	219-072-145		236-072-145		1119-072-145		1136-072-145	
SM169	219-072-113		236-072-113		1119-072-113		1136-072-113	
SM171	219-064-145		236-064-145		1119-064-145		1136-064-145	
SM173	219-064-113		236-064-113		1119-064-113		1136-064-113	
SM175	219-056-145		236-056-145		1119-056-145		1136-056-145	
SM177	219-056-113		236-056-113		1119-056-113		1136-056-113	
SM179	219-048-145		236-048-145		1119-048-145		1136-048-145	
SM181	219-048-113		236-048-113		1119-048-113		1136-048-113	
SM183	219-040-145		236-040-145		1119-040-145		1136-040-145	
SM185	219-040-113		236-040-113		1119-040-113		1136-040-113	
SM187	219-032-145		236-032-145		1119-032-145		1136-032-145	
SM189	219-032-113		236-032-113		1119-032-113		1136-032-113	

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COMMUNICATIONS MODULE, MODEL 2
DOUBLE DUAL FABRIC

DWG SIZE	
63	

AT&T	SD-5D144-02
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EQUIPMENT NOTES (CONT):
202. (CONT)

TABLE AB

DUAL FABRIC (EVEN SM)

CABLE DESIG	JL13	JL15	JL9	JL11	JL14	JL16	JL10	JL12
NCT LINKS	OB		OA		1B		1A	
	XNTR	REC	XNTR	REC	XNTR	REC	XNTR	REC
SM 11 SM 12 TSOLR	145- 084- 113	145- 084- 100	145- 084- 132	145- 084- 145	145- 108- 173	145- 100- 100	145- 100- 100	145- 100- 145
CMT PORTS								
EVEN SM NBR	CMT "0" SIDE				CMT "1" SIDE			
	REC 2 B	XMT 2 D	REC 2 B	XMT 2 D	REC 2 B	XMT 2 D	REC 2 B	XMT 2 D
SM2	519-088-145	536-088-145	619-088-145	636-088-145				
SM4	519-080-145	536-080-145	619-080-145	636-080-145				
SM6	519-080-113	536-080-113	619-080-113	636-080-113				
SM8	519-072-145	536-072-145	619-072-145	636-072-145				
SM10	519-072-113	536-072-113	619-072-113	636-072-113				
SM12	519-064-145	536-064-145	619-064-145	636-064-145				
SM14	519-064-113	536-064-113	619-064-113	636-064-113				
SM16	519-056-145	536-056-145	619-056-145	636-056-145				
SM18	519-056-113	536-056-113	619-056-113	636-056-113				
SM20	519-048-145	536-048-145	619-048-145	636-048-145				
SM22	519-048-113	536-048-113	619-048-113	636-048-113				
SM24	519-040-145	536-040-145	619-040-145	636-040-145				
SM26	519-040-113	536-040-113	619-040-113	636-040-113				
SM28	519-032-145	536-032-145	619-032-145	636-032-145				
SM30	519-032-113	536-032-113	619-032-113	636-032-113				
SM32	419-088-145	436-088-145	719-088-145	736-088-145				
SM34	419-088-113	436-088-113	719-088-113	736-088-113				
SM36	419-080-145	436-080-145	719-080-145	736-080-145				
SM38	419-080-113	436-080-113	719-080-113	736-080-113				
SM40	419-072-145	436-072-145	719-072-145	736-072-145				
SM42	419-072-113	436-072-113	719-072-113	736-072-113				
SM44	419-064-145	436-064-145	719-064-145	736-064-145				
SM46	419-064-113	436-064-113	719-064-113	736-064-113				
SM48	419-056-145	436-056-145	719-056-145	736-056-145				
SM50	419-056-113	436-056-113	719-056-113	736-056-113				
SM52	419-048-145	436-048-145	719-048-145	736-048-145				
SM54	419-048-113	436-048-113	719-048-113	736-048-113				
SM56	419-040-145	436-040-145	719-040-145	736-040-145				
SM58	419-040-113	436-040-113	719-040-113	736-040-113				
SM60	419-032-145	436-032-145	719-032-145	736-032-145				
SM62	419-032-113	436-032-113	719-032-113	736-032-113				
SM64	319-088-145	336-088-145	819-088-145	836-088-145				
SM66	319-088-113	336-088-113	819-088-113	836-088-113				
SM68	319-080-145	336-080-145	819-080-145	836-080-145				
SM70	319-080-113	336-080-113	819-080-113	836-080-113				
SM72	319-072-145	336-072-145	819-072-145	836-072-145				
SM74	319-072-113	336-072-113	819-072-113	836-072-113				
SM76	319-064-145	336-064-145	819-064-145	836-064-145				
SM78	319-064-113	336-064-113	819-064-113	836-064-113				
SM80	319-056-145	336-056-145	819-056-145	836-056-145				
SM82	319-056-113	336-056-113	819-056-113	836-056-113				
SM84	319-048-145	336-048-145	819-048-145	836-048-145				
SM86	319-048-113	336-048-113	819-048-113	836-048-113				
SM88	319-040-145	336-040-145	819-040-145	836-040-145				
SM90	319-040-113	336-040-113	819-040-113	836-040-113				
SM92	319-032-145	336-032-145	819-032-145	836-032-145				
SM94	319-032-113	336-032-113	819-032-113	836-032-113				
SM96	219-088-145	236-088-145	919-088-145	936-088-145				
SM98	219-088-113	236-088-113	919-088-113	936-088-113				
SM100	219-080-145	236-080-145	919-080-145	936-080-145				
SM102	219-080-113	236-080-113	919-080-113	936-080-113				
SM104	219-072-145	236-072-145	919-072-145	936-072-145				
SM106	219-072-113	236-072-113	919-072-113	936-072-113				
SM108	219-064-145	236-064-145	919-064-145	936-064-145				
SM110	219-064-113	236-064-113	919-064-113	936-064-113				
SM112	219-056-145	236-056-145	919-056-145	936-056-145				

CABLE DESIG	JL13	JL15	JL9	JL11	JL14	JL16	JL10	JL12
NCT LINKS	OB		OA		1B		1A	
	XNTR	REC	XNTR	REC	XNTR	REC	XNTR	REC
SM 11 SM 12 TSOLR	145- 084- 113	145- 084- 100	145- 084- 132	145- 084- 145	145- 100- 145	145- 100- 100	145- 100- 100	145- 100- 145
CMT PORTS								
EVEN SM NBR	CMT "0" SIDE				CMT "1" SIDE			
	REC 2 B	XMT 2 D	REC 2 B	XMT 2 D	REC 2 B	XMT 2 D	REC 2 B	XMT 2 D
SM116	219-056-113	236-056-113	919-056-113	936-056-113				
SM118	219-048-145	236-048-145	919-048-145	936-048-145				
SM120	219-048-113	236-048-113	919-048-113	936-048-113				
SM122	219-040-145	236-040-145	919-040-145	936-040-145				
SM124	219-040-113	236-040-113	919-040-113	936-040-113				
SM126	219-032-145	236-032-145	919-032-145	936-032-145				
SM128	219-032-113	236-032-113	919-032-113	936-032-113				
SM130	119-088-145	136-088-145	1019-088-145	1036-088-145				
SM132	119-088-113	136-088-113	1019-088-113	1036-088-113				
SM134	119-080-145	136-080-145	1019-080-145	1036-080-145				
SM136	119-080-113	136-080-113	1019-080-113	1036-080-113				
SM138	119-072-145	136-072-145	1019-072-145	1036-072-145				
SM140	119-072-113	136-072-113	1019-072-113	1036-072-113				
SM142	119-064-145	136-064-145	1019-064-145	1036-064-145				
SM144	119-064-113	136-064-113	1019-064-113	1036-064-113				
SM146	119-056-145	136-056-145	1019-056-145	1036-056-145				
SM148	119-056-113	136-056-113	1019-056-113	1036-056-113				
SM150	119-048-145	136-048-145	1019-048-145	1036-048-145				
SM152	119-048-113	136-048-113	1019-048-113	1036-048-113				
SM154	119-040-145	136-040-145	1019-040-145	1036-040-145				
SM156	119-040-113	136-040-113	1019-040-113	1036-040-113				
SM158	119-032-145	136-032-145	1019-032-145	1036-032-145				
SM160	119-032-113	136-032-113	1019-032-113	1036-032-113				
SM162	019-088-145	036-088-145	1119-088-145	1136-088-145				
SM164	019-088-113	036-088-113	1119-088-113	1136-088-113				
SM166	019-080-145	036-080-145	1119-080-145	1136-080-145				
SM168	019-080-113	036-080-113	1119-080-113	1136-080-113				
SM170	019-072-145	036-072-145	1119-072-145	1136-072-145				
SM172	019-072-113	036-072-113	1119-072-113	1136-072-113				
SM174	019-064-145	036-064-145	1119-064-145	1136-064-145				
SM176	019-064-113	036-064-113	1119-064-113	1136-064-113				
SM178	019-056-145	036-056-145	1119-056-145	1136-056-145				
SM180	019-056-113	036-056-113	1119-056-113	1136-056-113				
SM182	019-048-145	036-048-145	1119-048-145	1136-048-145				
SM184	019-048-113	036-048-113	1119-048-113	1136-048-113				
SM186	019-040-145	036-040-145	1119-040-145	1136-040-145				
SM188	019-040-113	036-040-113	1119-040-113	1136-040-113				
SM190	019-032-145	036-032-145	1119-032-145	1136-032-145				
SM192	019-032-113	036-032-113	1119-032-113	1136-032-113				

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COMMUNICATIONS MODULE, MODEL 2
DOUBLE DUAL FABRIC

DWG SIZE
38

AT&T

SD-SD44-02

SHEET
D2

EQUIPMENT NOTES (CONT):
203.

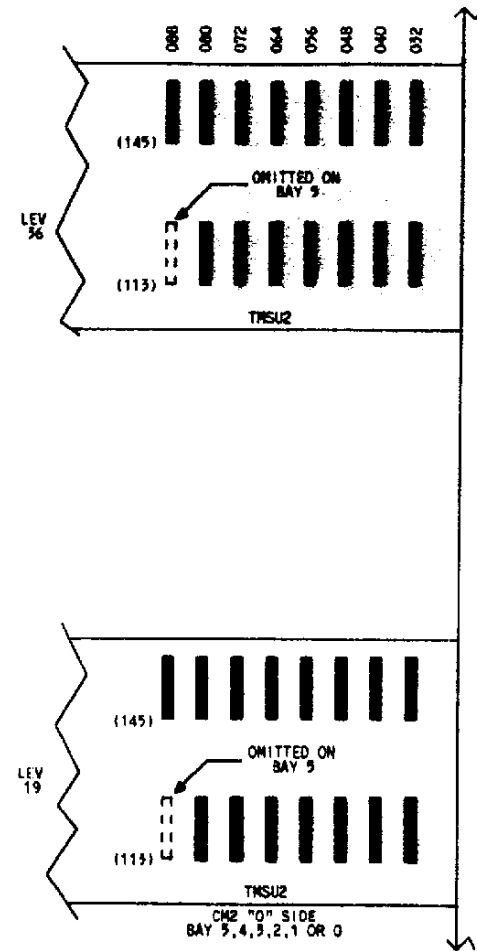
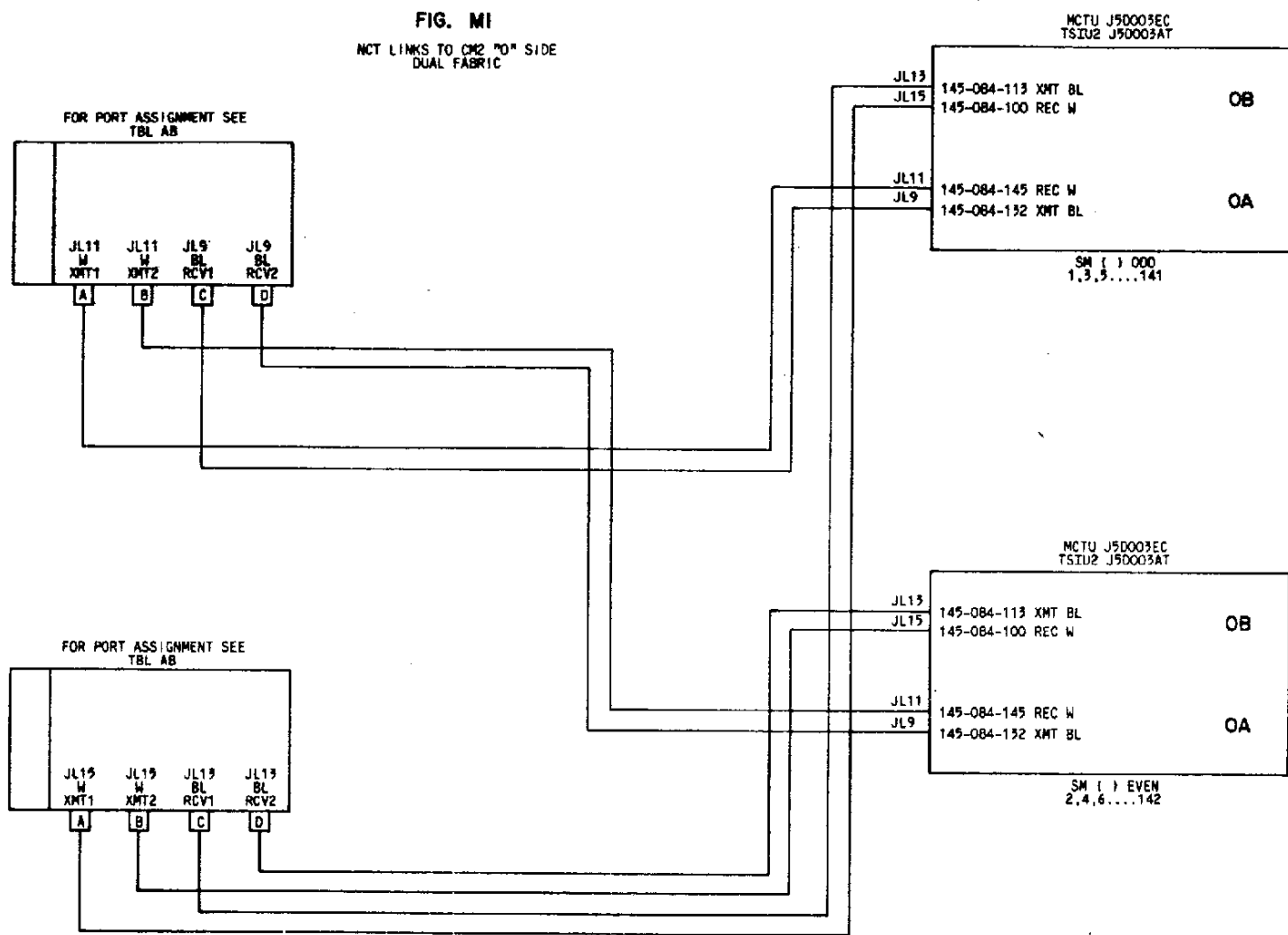


FIG. M1
MCT LINKS TO CH2 "O" SIDE
DUAL FABRIC



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COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC		
DWG SIZE A2	ISSUE 38	
AT&T	30-50144-02	REV 03

EQUIPMENT NOTES (CONT)
203. (CONT)

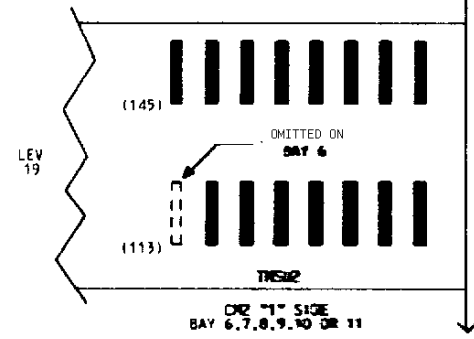
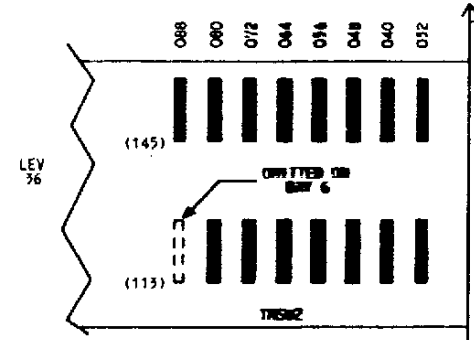
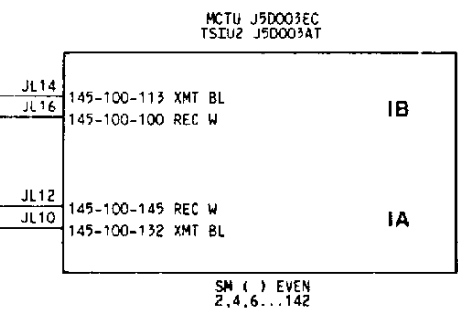
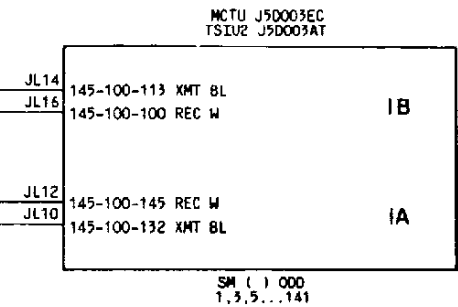
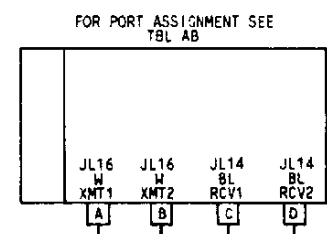
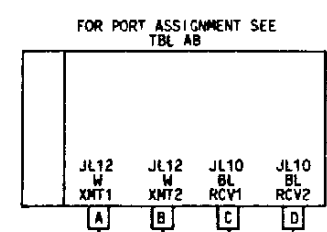


FIG. MI CONT.
NCT LINKS CM2 "1" SIDE
DUAL FABRIC

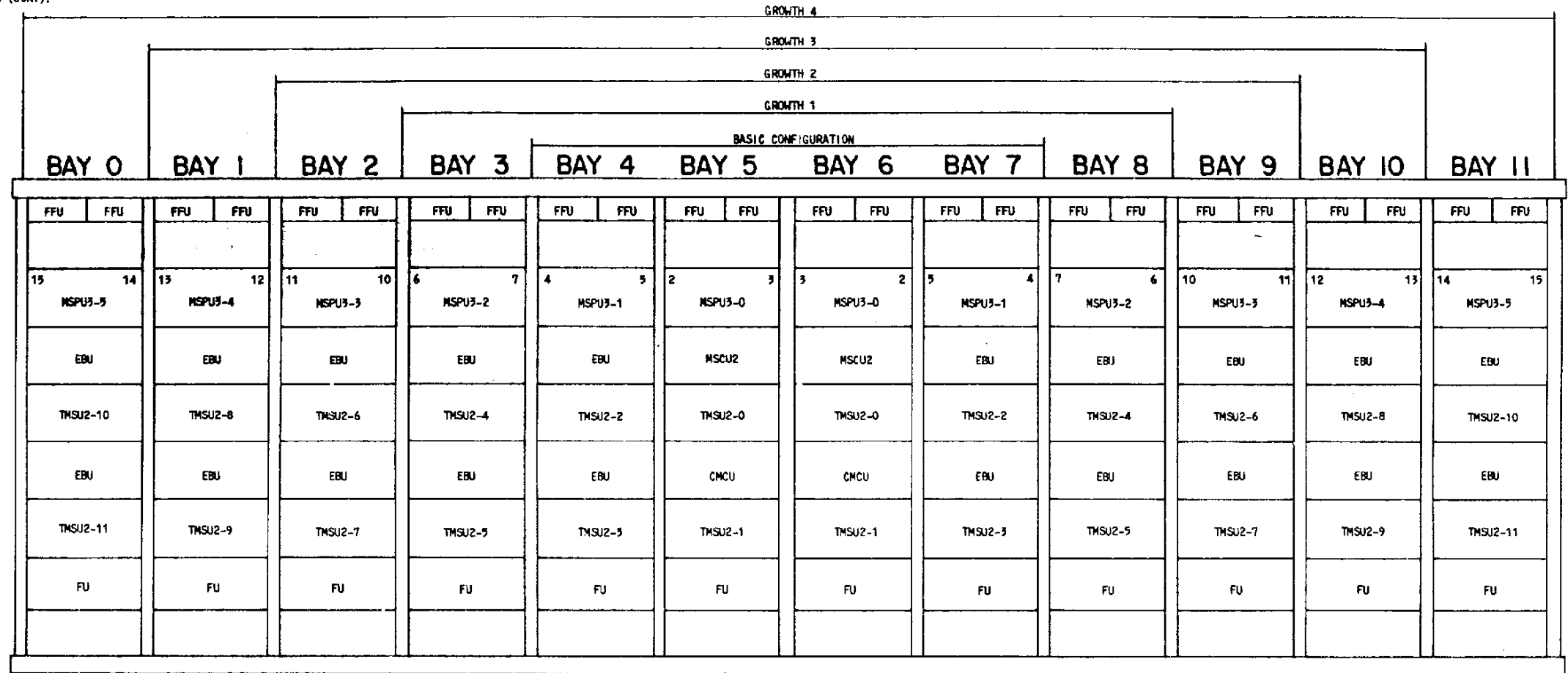


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COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC		DWG SIZE 85	ISSUE 3B
AT&T	SD-5D144-02	SHEET D4	

0 1 2 3 4 5 6 7 8 9

EQUIPMENT NOTES (CONT):
205.



COMMUNICATION MODULE, MODEL 2
DUAL FABRIC CABINET LINE UP

206. UNLESS OTHERWISE SPECIFIED, ALL FRAME WIRING WILL BE VIA CONNECTORIZED CABLE ASSEMBLIES.
207. POWER CONVERTER LOCATION 096 IN EACH TIME MULTIPLEXED SWITCH UNIT, MODEL 2, THAT IS NOT EQUIPPED WILL HAVE A PADDLEBOARD AT IRL 007-005 TO STRAP THE #95 LED NETS AND THE INT NETS. THESE PADDLEBOARDS MUST BE REMOVED WHEN THE POWER CONVERTER IS INSTALLED.
208. THE MINIMUM BEND RADIUS OF THE OPTIC FIBERS IS 1.5 INCHES.
209. ALL POWER BUSSING FROM THE PD CABINET TO THE CM2 FUSE FILTER UNIT IS TO BE 10 GAUGE, SLATE AND SLATE BLACK WIRE. ALL POWER CABLING FROM THE FUSE FILTER UNIT TO THE CM2 UNITS WILL BE 16 GAUGE RED AND RED/BLACK WIRE. SIDE 0 OF THE CM2 IS POWERED FROM THE BUSS AND SIDE 1 IS POWERED FROM THE B BUSS.
210. ALL EBUS CABLES USE GORE DXN 1279 AND 1280 COAXIAL RIBBON CABLES.

211. THE METHOD OF FABRIC GROWTH FOR THE CM2 IS AS FOLLOWS:
- 1 - KBN1 PER TMSU2 FOR OFFICES WITH 2 TO 30 HOST SWITCHING MODULES. ALL DOUBLE DUAL FABRIC OFFICES WITH ONLY BAYS 5 & 6 EQUIPPED SHALL BE CONVERTED TO DUAL FABRIC IF GROWTH BAYS ARE ADDED. ALL KBN1 PACKS WILL BE REPLACED WITH KBN4 PACKS.
 - 2 - KBN1 PER TMSU2 FOR OFFICES WITH 31 TO 62 HOST SWITCHING MODULES.
 - 3 - KBN1 PER TMSU2 FOR OFFICES WITH 63 TO 94 HOST SWITCHING MODULES. KBN1 BOARDS SHOULD BE REPLACED WITH KBN4 BOARDS WHEN THE 95TH SM IS ADDED. THIS WILL ALLOW THE OFFICE TO GROW TO 190 SM'S IN THE DOUBLE DUAL FABRIC CONFIGURATION.
212. THE DUAL SERIAL CHANNEL CABLES FROM THE 3B TO THE CM2 ARE TO BE NO LONGER THAN 50 FEET.

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COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC		DWG SIZE 38	ISSUE 38
AT&T	SD-5D144-02	SHEET 05	

0 1 2 3 4 5 6 7 8 9

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.

302.

FEATURE OR OPTION		PROVIDES	
		APP FIG.	QUANTITY
EQUIPMENT REQUIRED FOR BAY 5 AND 6	6 FOOT CABINET	ED-90184-70.66 CABINET ASSEMBLY	
	FUSE FILTER PANEL (FFP)	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE FUSE/FILTER UNIT WHICH PROVIDES THREE ISOLATED -48 POWER SUPPLIES AND RETURNS.	
		ASSEMBLY, WIRING AND EQUIPMENT REQUIRED TO PROVIDE BELT-LINE JACK MODULE.	
	6 FAN UNIT	ASSEMBLY, WIRING AND EQUIPMENT ONE FAN UNIT 6 FAN.	
	MESSAGE SWITCH PERIPHERAL UNIT MODEL 3 (MSPU3)	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE MESSAGE SWITCH PERIPHERAL UNIT-MODEL 3 (MSPU-3) ARRANGED FOR UP TO 32 SWITCHING MODULES AND EQUIPPED WITH SINGLE MMP (MODULE MESSAGE PROCESSOR) FOR EIGHT SWITCHING MODULES.	
	MESSAGE SWITCH CONTROL UNIT MODEL 2 (MSCU2)	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE MESSAGE SWITCH CONTROL UNIT MODEL 2, ARRANGED FOR UP TO 192 SWITCHING MODULES AND EQUIPPED FOR UP TO 32 SWITCHING MODULES AND WITH FOUNDATION PERIPHERAL CONTROLLER (FPC) AND PUMP PERIPHERAL CONTROLLER (PPC).	1
	COMMUNICATION MODULE CONTROL UNIT (CMCU)	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE COMMUNICATIONS MODULE CONTROL UNIT ARRANGED FOR UP TO 192 SWITCHING MODULES.	
		REF CABLE FROM DLTU	WG
		REF CABLE FROM DSX	Z
		COAX REF CABLE	Y
	TIME MULTIPLEXED SWITCH UNIT MODEL 2 (TMSU2)	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE TIME MULTIPLEXED SWITCH UNIT MODEL 2 (TMSU2) ARRANGED TO SWITCH UP TO 32 SWITCHING MODULES IN DOUBLE DUAL FABRIC CONFIGURATION.	
		APPARATUS REQUIRED TO PROVIDE TEST MESSAGE LINK, LINK INTERFACE AND NCT LINK FOR 2 SM'S IN A BASIC TMSU2 ONLY. (UNITS MOUNTED IN BAYS 5 AND 6). TN883 PACK & 1A.	
	TIME MULTIPLEXED SWITCH UNIT MODEL 2 (TMSU2)	APPARATUS REQUIRED TO PROVIDE NCT LINK FOR TMSU2 GROWTH. 1A TRANCEIVER.	9 XM 1 FOR HSM 5,9,13, 17,21,25,29
	TIME MULTIPLEXED SWITCH UNIT MODEL 2 (TMSU2)	APPARATUS REQUIRED TO PROVIDE LINK INTERFACE AND NCT LINK FOR TMSU2 GROWTH FOR 4 ADDITIONAL SM'S (UNITS MOUNTED IN ANY BAY 0 THRU 11). TN888 PACK & 1A.	10 XN 1 FOR HSM 3,7,11, 15,19,23,27
	TIME MULTIPLEXED SWITCH UNIT MODEL 2 (TMSU2)	APPARATUS REQUIRED TO PROVIDE FABRIC CONTROL FOR TMSU2 GROWTH. 2ND KBN2 PACK.	15 XR
		APPARATUS REQUIRED TO PROVIDE ADDITIONAL 5V POWER FOR TMSU2 GROWTH. 2ND 410AA PACK.	16 XS 1 FOR HSM 15
	MESSAGE SWITCH PERIPHERAL UNIT MODEL 3 (MSPU3)	APPARATUS REQUIRED TO PROVIDE SINGLE MMP (MODULE MESSAGE PROCESSOR) FOR EIGHT ADDITIONAL SWITCHING MODULES.	11 XP 1 FOR SM 9, 17,25
	COMMUNICATION MODULE CONTROL UNIT (CMCU)	EQUIPMENT REQUIRED IN ALL OFFICES E/W DOUBLE DUAL FABRIC.	1

302. (CONT)

FEATURE OR OPTION		PROVIDES	
		APP FIG.	QUANTITY
FRAMEWORK, ASSEMBLY, WIRING AND EQUIPMENT FOR ONE COMMUNICATION MODULE MODEL 2 ARRANGED FOR UP TO 30 SWITCHING MODULES AND E/W SINGLE MMP'S. DOUBLE DUAL FABRIC.	TIME MULTIPLEXED SWITCH UNIT MODEL 2 (TMSU2)	APPARATUS REQUIRED TO PROVIDE ADDITIONAL FABRIC FOR TMSU2 GROWTH. 2ND & 3RD KBN1 PACK. (NOTE 211).	14 YS 1 PER TMSU2 FOR HSM 31 & UP 2 PER TMSU2 FOR HSM 63 & UP
EQUIPMENT REQUIRED FOR BAYS 5 AND 6	EQUIPMENT REQUIRED TO PROVIDE MEDIUM STABILITY (STRATUM 3) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR DOMESTIC LOCAL APPLICATION.	APPARATUS REQUIRED TO PROVIDE MEDIUM STABILITY (STRATUM 3) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR DOMESTIC LOCAL APPLICATION.	2
	EQUIPMENT REQUIRED TO PROVIDE HIGH STABILITY (STRATUM 2) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR DOMESTIC TOLL APPLICATION.	APPARATUS REQUIRED TO PROVIDE HIGH STABILITY (STRATUM 2) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR DOMESTIC TOLL APPLICATION.	3
	EQUIPMENT REQUIRED TO PROVIDE MEDIUM STABILITY (STRATUM 3) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR EXPORT LOCAL APPLICATION.	APPARATUS REQUIRED TO PROVIDE MEDIUM STABILITY (STRATUM 3) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR EXPORT LOCAL APPLICATION.	4
	EQUIPMENT REQUIRED TO PROVIDE HIGH STABILITY (STRATUM 2) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR EXPORT TOLL APPLICATION.	APPARATUS REQUIRED TO PROVIDE HIGH STABILITY (STRATUM 2) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR EXPORT TOLL APPLICATION.	5
	EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE MEDIUM STABILITY (STRATUM 3) NETWORK CLOCK 2 WITH 30-CHANNEL EXTERNAL SYNCHRONIZATION EQUIPPED FOR UP TO FOUR DIGITAL OR THREE DIGITAL AND ONE ANALOG EXTERNAL REFERENCE FOR EXPORT LOCAL APPLICATION.	APPARATUS REQUIRED TO PROVIDE MEDIUM STABILITY (STRATUM 3) NETWORK CLOCK 2 WITH 30-CHANNEL EXTERNAL SYNCHRONIZATION FOR EXPORT LOCAL APPLICATION.	6
	EQUIPMENT REQUIRED TO PROVIDE HIGH STABILITY (STRATUM 2) NETWORK CLOCK 2 WITH 30-CHANNEL EXTERNAL SYNCHRONIZATION EQUIPPED FOR UP TO FOUR DIGITAL OR THREE DIGITAL AND ONE ANALOG EXTERNAL REFERENCE FOR EXPORT TOLL APPLICATION.	APPARATUS REQUIRED TO PROVIDE HIGH STABILITY (STRATUM 2) NETWORK CLOCK 2 WITH 30-CHANNEL EXTERNAL SYNCHRONIZATION EQUIPPED FOR UP TO FOUR DIGITAL OR THREE DIGITAL AND ONE ANALOG EXTERNAL REFERENCE FOR EXPORT TOLL APPLICATION.	7
	EQUIPMENT REQUIRED IN ADDITION TO APP FIG. 6 OR 7 TO PROVIDE FOR AN ADDITIONAL FOUR DIGITAL OR THREE DIGITAL AND ONE ANALOG REFERENCE 30-CHANNEL EXTERNAL SYNCHRONIZATION.	APPARATUS REQUIRED TO PROVIDE FOR FOUR ADDITIONAL DIGITAL OR THREE DIGITAL AND ONE ANALOG REFERENCE 30-CHANNEL EXTERNAL SYNCHRONIZATION.	8
	COMMUNICATION MODULE CONTROL UNIT (CMCU)		1 FOR BAY 5 AND 6 OF EITHER APP FIG. 2,3,4, 5,6 OR 7
EQUIPMENT REQUIRED FOR BAYS 4 AND 7	ECL-BUS UNIT (EBU)	APPARATUS REQUIRED TO PROVIDE DATA END TAP BOARDS (UN310 CIRCUIT PACK).	23 XV 1 PER FABRIC BOARD
		APPARATUS REQUIRED TO PROVIDE CLOCK END TAP BOARDS (UN312 CIRCUIT PACKS).	25 XN 1

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COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC		DWG SIZE 88	ISSUE 3B
AT&T	SD-50144-02	SHEET D7	

INFORMATION NOTES (CONT):
302. (CONT)

FEATURE OR OPTION				PROVIDES			
				APP FIG.	APP OR WRC	QUANTITY	
EQUIPMENT REQUIRED FOR BAYS 0,1,2,3, 4,7,8,9, 10,11	FRAMEWORK, ASSEMBLY, WIRING AND EQUIPMENT TO PROVIDE GROWTH EQUIPMENT FOR THE COMMUNICATION MODULE MODEL 2 ARRANGED FOR UP TO 32 SWITCHING MODULES EACH. SINGLE MMP'S AND DOUBLE DUAL FABRIC.	6 FAN UNIT	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE FAN UNIT (6 FANS).	12		1	
		6 FOOT CABINET	ED-50184-70, G6 CABINET ASSEMBLY.		BAY 4,7	XQ	1 FOR HSM 31.
					BAY 3,8	D	1 FOR HSM 63.
					BAY 2,9	B	1 FOR HSM 95.
					BAY 1,10	A	1 FOR HSM 127.
					BAY 0,11	ZA	1 FOR HSM 159.
		FUSE FILTER PANEL (FFP)	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE FUSE/FILTER UNIT WHICH PROVIDES THREE ISOLATED -48 VOLT POWER SUPPLIES AND RETURNS.				
	ASSEMBLY, WIRING AND EQUIPMENT REQUIRED TO PROVIDE BELTLINE JACK MODULE.						
	EQUIPMENT REQUIRED TO PROVIDE LINK INTERFACE AND AN NCT LINK FOR ADDITIONAL HOST SWITCHING MODULES.			ASSEMBLY, WIRING AND EQUIPMENT FOR ONE TIME MULTIPLEXED SWITCH UNIT MODEL 2 (TMSU2) ARRANGED TO SWITCH UP TO 32 SWITCHING MODULES IN DOUBLE DUAL FABRIC CONFIGURATION.	BAY 4,7	ZB	1 FOR HSM 31.
					BAY 3,8	YG	1 FOR HSM 63.
					BAY 2,9	YK	1 FOR HSM 95.
					BAY 1,10	YN	1 FOR HSM 127.
					BAY 0,11	YQ	1 FOR HSM 159.
						ZB	1 FOR HSM 31-34.
		APPARATUS REQUIRED TO PROVIDE LINK INTERFACE AND NCT LINK FOR 4 SM'S. 1ST TMB88 PACK & 1A.		YG	1 FOR HSM 63-66.		
				YK	1 FOR HSM 95-98.		
				YN	1 FOR HSM 127-130.		
				YQ	1 FOR HSM 159-162.		
			EQUIPMENT REQUIRED TO PROVIDE AN NCT LINK FOR AN ADDITIONAL HOST SWITCHING MODULE (HSM'S 33 AND ABOVE).	TIME MULTIPLEXED SWITCH UNIT MODEL 2 (TMSU2)	APPARATUS REQUIRED TO PROVIDE NCT LINK FOR TMSU2 GROWTH. 1A TRANCEIVER.	BAY 4,7	ZV	1 FOR HSM 33,37, 41,45,49,53,57,61.
BAY 3,8						ZW	1 FOR HSM 65,69, 73,77,81,85,89,93.
BAY 2,9	ZX	1 FOR HSM 97,101, 105,109,113,117, 121,125.					
BAY 1,10	ZY	1 FOR HSM 129,133, 137,141,145,149, 153,157.					
BAY 0,11	ZZ	1 FOR HSM 161,165, 169,173,177,181, 185,189.					
EQUIPMENT REQUIRED TO PROVIDE LINK INTERFACE AND AN NCT LINK FOR AN ADDITIONAL HOST SWITCHING MODULE (HSM'S 35 AND ABOVE).		APPARATUS REQUIRED TO PROVIDE LINK INTREFACE AND NCT LINK FOR TMSU2 GROWTH FOR 4 ADDITIONAL SM'S. TMB88 PACK & 1A 2ND THRU 8TH.				BAY 4,7	YA	1 FOR HSM 35,39 43,47,51,55,59.
			BAY 3,8	YB	1 FOR HSM 67,71, 75,79,83,87,91.		
			BAY 2,9	YD	1 FOR HSM 99,103, 107,111,115,119, 123.		
			BAY 1,10	YE	1 FOR HSM 131,135, 139,143,147,151, 155.		
			BAY 0,11	YF	1 FOR HSM 163,167, 171,175,179,183, 187.		
			EQUIPMENT REQUIRED TO PROVIDE ADDITIONAL FABRIC.		APPARATUS REQUIRED TO PROVIDE ADDITIONAL FABRIC FOR TMSU2 GROWTH. 2ND & 3RD KBN1 PACK. NOTE 211.	BAY 4,7	YT	1 PER TMSU2 FOR HSM 31 & UP.
BAY 3,8	YU						
BAY 2,9	YV						
BAY 1,10	YW	2 PER TMSU2 FOR HSM 63 & UP.					
BAY 0,11	YX						

INFORMATION NOTES (CONT):
302. (CONT)

FEATURE OR OPTION				PROVIDES		
				APP FIG.	APP OR WRC	QUANTITY
EQUIPMENT REQUIRED TO PROVIDE FABRIC CONTROL, LINK INTERFACE AND AN NCT LINK FOR ADDITIONAL HOST SWITCHING MODULE.	TIME MULTIPLEXED SWITCH UNIT MODEL 2 (TMSU2)	APPARATUS REQUIRED TO PROVIDE FABRIC CONTROL, LINK INTERFACE AND NCT LINK FOR TMSU2 GROWTH. 2ND KBN2 PACK.		15	YY	1 FOR SM 47.
					YZ	1 FOR SM 79.
					XA	1 FOR SM 111.
					XB	1 FOR SM 143.
	APPARATUS REQUIRED TO PROVIDE -5 VOLT POWER FOR SWITCHING MODULE GROWTH.	APPARATUS REQUIRED TO PROVIDE ADDITIONAL 5V POWER FOR TMSU2 GROWTH. 2ND 410AA PACK.		16	XD	1 FOR SM 175.
					XE	1 FOR SM 47.
					XF	1 FOR SM 63.
					XG	1 FOR SM 95.
					XJ	1 FOR SM 127.
					XK	1 FOR SM 159.
	MESSAGE SWITCH CONTROL UNIT MODEL 2 (TMSU2)	APPARATUS REQUIRED FOR OFFICES E/W UP TO AN ADDITIONAL 64 SWITCHING MODULES.			S	1 FOR SM 33.
		ASSEMBLY, WIRING AND EQUIPMENT FOR ONE MESSAGE SWITCH PERIPHERAL FOR UNIT-MODEL 3 (MSPU-3) ARRANGED FOR UP TO 32 SWITCHING MODULES AND EQUIPPED WITH SINGLE MMP (MODULE MESSAGE PROCESSOR) FOR EIGHT SWITCHING MODULES.		17	R	1 FOR SM 97.
					O	1 FOR SM 129.
					X	1 EACH FOR SM 41, 49,57.
EQUIPMENT REQUIRED TO PROVIDE SINGLE MMP GROWTH. (ONE LIST 9 PER AND SWITCHING MODULES).	MESSAGE SWITCH PERIPHERAL UNIT MODEL 3 (MSPUS)	APPARATUS REQUIRED TO PROVIDE SINGLE MMP (MODULE MESSAGE PROCESSOR) FOR EIGHT ADDITIONAL SWITCHING MODULES.	BAY 4,7	U		1 EACH FOR SM 73, 81,89.
			BAY 3,8	V		1 EACH FOR SM 105, 113,121.
			BAY 2,9	U		1 EACH FOR SM 137, 145,153.
			BAY 1,10	T		1 EACH FOR SM 169, 177,185.
			BAY 0,11			
	EQUIPMENT REQUIRED TO PROVIDE ADDITIONAL MMP.	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE MESSAGE SWITCH PERIPHERAL FOR UNIT-MODEL 3 (MSPU-3) ARRANGED FOR UP TO 32 SWITCHING MODULES AND EQUIPPED WITH SINGLE MMP (MODULE MESSAGE PROCESSOR) FOR EIGHT SWITCHING MODULES.		18	P	1 FOR SM 65.
					N	1 FOR SM 161.
					ZD	1 FOR HSM 31.
					ZE	1 FOR HSM 63.
	EQUIPMENT REQUIRED TO PROVIDE ONE ECL-BUS UNIT FOR UP TO 142 SWITCHING MODULES.	APPARATUS, WIRING AND EQUIPMENT FOR ONE ECL-BUS UNIT (EBU) ARRANGED FOR UP TO 142 SWITCHING MODULES IN DUAL FABRIC.		19	ZF	1 FOR HSM 95.
					ZG	1 FOR HSM 127.
					ZJ	1 FOR HSM 159.
					ZK	1 FOR HSM 31.
EQUIPMENT REQUIRED TO PROVIDE MINIMUM REQUIRED ECL-BUS PACKS.	ECL-BUS UNIT (EBU)	APPARATUS REQUIRED TO PROVIDE MUX CONTROL PACKS UN197.		20	ZM	1 FOR HSM 63.
					ZN	1 FOR HSM 95.
					ZP	1 FOR HSM 127.
					ZQ	1 FOR HSM 159.
	EQUIPMENT REQUIRED TO PROVIDE LOOP BOARDS UN198. AT THE END OF EACH CM2 LINE-UP.	APPARATUS REQUIRED TO PROVIDE LOOP BOARDS (UN198 CIRCUIT PACK) FOR GROWTH CABINETS AT THE END OF THE CM2 LINE UP.		21	XT	1 FOR HSM 31.
					ZS	1 FOR HSM 95.
					ZU	1 FOR HSM 159.
						SEE NOTE 308, FOR DETAILS OF APPLICATION.

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COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC		DWG SIZE 88	ISSUE 3B
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302. (CONT)

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303.

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COMMUNICATIONS MODULE, MODEL 2
DOUBLE DUAL FABRIC

AT&T

SD-5D144-02

SHEET
D9

DWG SIZE
43

INFORMATION NOTES (CONT):

304. THE FUSE ASSIGNMENTS FOR THE CM2 ARE SHOWN IN THE FOLLOWING FIGURE.

FUSE ASSIGNMENTS FOR CM2

03-042				03-066				03-136				03-160			
FAN A 1 1/3 70A				FAN B 1 1/3 70A				FAN C 1 1/3 70A				FAN D 1 1/3 70A			
MSCU2 FPC,PPC SN516,495FB 5700 008,024				CMCU NCLK 2 70B 048				TMSU2-0 OPTICS 1/4 70F				TMSU2-1 OPTICS 1/4 70F			
MSCU2 495FB 1/2 70G 082	MSCU3 SN516,495FB 1/2 70G 008,024	CMCU SN516 1/2 70G 008	CMCU 495KA 1/2 70G 024	CMCU 410AA 5 700 088	CMCU 410CA 3 70C 104	TMSU2-0 410AA 5 70G 104	TMSU2-0 410CA 5 700 024	TMSU2-0 SN516 1/2 70G 008	TMSU2-1 410AA 1/2 70G 104	TMSU2-1 410CA 5 700 024	TMSU2-1 SN516 1/2 70G 008	TMSU2-0 410AA 1/2 70G 096	TMSU2-1 410AA 1/2 70G 096	7.5 74J	7.5 74J
7.5 74J	7.5 74J	7.5 74J	7.5 74J	10 74D	10 74D	10 74D	10 74D	10 74D	10 74D	10 74D	10 74D	10 74D	10 74D	10 74D	10 74D
01-018				01-042				01-066				01-112			

CM2 SIDE 0 USES "A" BUS
SIDE 1 USES "B" BUS

NEED JACK PANEL EVERY 6'

305. CM2 SIDE 0 HAS THE SAME CIRCUIT CONNECTIONS AS THE CONNECTIONS AS THE CM2 SIDE 1. HOWEVER, THE TWO SIDES ARE MIRROR IMAGED IN THEIR CABLING.

306. POWER FOR THE 1A TRANCEIVERS IS INTERLOCKED THROUGH THEIR RESPECTIVE TMSU2 OR TMSU1. WHEN THE TMSU2 OR TMSU1 IS REMOVED THE TRANCEIVERS NO LONGER RECEIVE -38V OR -5V.

307. FIBER OPTIC CABLES ARE ROUTED DOWN THE SIDE OF THE CABINET TO THE CENTER OR BOTTOM OF THE TMSU2 AND ROUTED ACROSS TO THE DESIGNATED EQL AND UP TO THE 1A.

308. THE CM2 IS GROWABLE FROM 31 TO 190 SWITCHING MODULES. THIS GROWTH IS ACCOMPLISHED BY ADDING CABINETS, UNITS AND CIRCUIT PACKS. THE BASIC CONFIGURATION (BAYS 2,6) CAN BE EQUIPPED FOR 30 HOST SWITCHING MODULES IN THE TMSU2, AND A TOTAL OF 32 HOST AND REMOTE SWITCHING MODULES IN THE MSPU3.

309. THE UN198 CIRCUIT PACKS ARE ONLY REQUIRED IN THE LAST BAYS OF A CM-2 LINE UP.

THE EQUIPAGE OF THE LAST BAY IS AS FOLLOWS:

SM'S EQUIPED	LAST BAY	EQL
31-62	4	006,014
63-94	7	170,176
95-110	3	006,014,022
111-126	8	164,170,176
127-142	2	006,022,028
	9	158,164,176
	1	006,014,028
	10	158,170,176
	0	006,014,022
	11	164,170,176

310. TWO TYPES OF FIBER OPTIC CABLE AND TRANSMITTER, RECEIVER PADDLEBOARDS ARE USED TO CONNECT THE CM-2 TO AN SM. DUE TO THE CHARACTERISTIC DIFFERENCES OF THE CABLE AND CONNECTORS, EQUIPMENT TYPES CAN NOT BE MIXED IN A FIBER OPTIC SIGNAL PATH.

TYPE: 20L40

CM-2 END - 982FH (1A TRANSCEIVER)
A&M REPLACED BY 982TT
- 982TH FOR TRM USE
SM END - 982CF
FIBER - 982CG

TYPE: 00L50

CM-2 END - 982TT
SM END - 982TR
- 982TS
FIBER - 62.5 MICRON W/ST TYPE CONNECTORS

THE 982TH AND 982TT SHOULD BE USED AT THE CM-2 END ON NEW SYSTEMS AND CM, SM GROWTH.

CM-1 TO CM-2 RETROFITS SHOULD BE ENGINEERED SO THE CM FIBER IS COMPATIBLE WITH EXISTING SM'S.

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COMMUNICATIONS MODULE, MODEL 2 DOUBLE DUAL FABRIC		DWG SIZE IS	ISSUE 5A
AT&T	SD-50144-02	SHEET 010	

CAD TITLE INDEX

CAD NO.	CAD TITLE
001	I/O MICROPROCESSOR INTERFACE, IOMI-A COMMUNITY 1
002	I/O MICROPROCESSOR INTERFACE, IOMI-A COMMUNITY 2
003	
004	I/O MICROPROCESSOR INTERFACE, IOMI-A COMMUNITY 3
005	
006	I/O MICROPROCESSOR INTERFACE, IOMI-B COMMUNITY 0
007	
008	I/O MICROPROCESSOR INTERFACE, IOMI-B COMMUNITY 1
009	
010	I/O MICROPROCESSOR INTERFACE, IOMI-B COMMUNITY 2
011	I/O MICROPROCESSOR INTERFACE, IOMI-B COMMUNITY 2
012	I/O MICROPROCESSOR INTERFACE, IOMI-B COMMUNITY 3
013	
014	I/O MICROPROCESSOR INTERFACE, IOMI-C COMMUNITY 2
015	
016	I/O MICROPROCESSOR INTERFACE, IOMI-C COMMUNITY 3
017	
018	I/O MICROPROCESSOR INTERFACE, IOMI-D COMMUNITY 0
019	
020	I/O MICROPROCESSOR INTERFACE, IOMI-D COMMUNITY 1
021	I/O MICROPROCESSOR INTERFACE, IOMI-D COMMUNITY 1
022	I/O MICROPROCESSOR INTERFACE, IOMI-D COMMUNITY 2
023	
024	I/O MICROPROCESSOR INTERFACE, IOMI-D COMMUNITY 3
025	
026	MESSAGE INTERFACE BUS, (PPCO)
027	MESSAGE INTERFACE BUS, (PCC1)
028	MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM2
029	MESSAGE INTERFACE BUS, DUAL MMP COM2
030	MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM3
031	MESSAGE INTERFACE BUS, DUAL MMP COM3
032	MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM4
033	MESSAGE INTERFACE BUS, DUAL MMP COM4
034	MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM5
035	MESSAGE INTERFACE BUS, DUAL MMP COM5
036	MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM6
037	MESSAGE INTERFACE BUS, DUAL MMP COM6
038	MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM7
039	MESSAGE INTERFACE BUS, DUAL MMP COM7
040	MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM10
041	MESSAGE INTERFACE BUS, DUAL MMP COM10
042	MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM11
043	MESSAGE INTERFACE BUS, DUAL MMP COM11
044	MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM12
045	MESSAGE INTERFACE BUS, DUAL MMP COM12
046	MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM13
047	MESSAGE INTERFACE BUS, DUAL MMP COM13
048	MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM14
049	MESSAGE INTERFACE BUS, DUAL MMP COM14
050	MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM15

CAD NO.	CAD TITLE
051	MESSAGE INTERFACE BUS, DUAL MMP COM15
052	CONTROL AND DIAGNOSTIC, SIDE 0, LINK A
053	CONTROL AND DIAGNOSTIC, SIDE 0, LINK B
054	CONTROL AND DIAGNOSTIC, SIDE 1, LINK A
055	CONTROL AND DIAGNOSTIC, SIDE 1, LINK B
056	TMS INTERFACE CABLE, LOWER TMSU2
057	TMS INTERFACE CABLE, UPPER TMSU2
058	TMS CLOCK CROSS-COUPLE
059	NETWORK CLOCK CROSS-COUPLE
060	NETWORK CLOCK COAX CABLES
061A	NETWORK CLOCK CABLES TO DSX
061B	NETWORK CLOCK CABLES TO DLTU
062	SCAN AND DISTRIBUTE, TO 5BITOP
063	SCAN AND DISTRIBUTE, MSPU3 LINKS BACK TO MSCU2
064	SCAN AND DISTRIBUTE, TMSU2 LINKS BACK TO CMCU
065	SCAN AND DISTRIBUTE, LAST CABINET, LOWER TMSU2
066	SCAN AND DISTRIBUTE, LAST CABINET, UPPER TMSU2
067	SCAN AND DISTRIBUTE, FAN UNIT LINKS
068	DIRECT MICROPROCESSOR ACCESS CABLE
069	ECL-BUS UNIT CONTROL AND RETURN, BAY 4 TO BAY 3
070	ECL-BUS UNIT CONTROL AND RETURN, BAY 3 TO BAY 2
071	ECL-BUS UNIT CONTROL AND RETURN, BAY 2 TO BAY 1
072	ECL-BUS UNIT CONTROL AND RETURN, BAY 1 TO BAY 0
073	ECL-BUS UNIT CONTROL AND RETURN, BAY 7 TO BAY 6
074	ECL-BUS UNIT CONTROL AND RETURN, BAY 8 TO BAY 9
075	ECL-BUS UNIT CONTROL AND RETURN, BAY 9 TO BAY 10
076	ECL-BUS UNIT CONTROL AND RETURN, BAY 10 TO BAY 11
077	ECL-BUS UNIT CONTROL AND RETURN, BAY 4 TO BAY 3
078	ECL-BUS UNIT CONTROL AND RETURN, BAY 3 TO BAY 2
079	ECL-BUS UNIT CONTROL AND RETURN, BAY 2 TO BAY 1
080	ECL-BUS UNIT CONTROL AND RETURN, BAY 1 TO BAY 0
081	ECL-BUS UNIT CONTROL AND RETURN, BAY 7 TO BAY 6
082	ECL-BUS UNIT CONTROL AND RETURN, BAY 8 TO BAY 9
083	ECL-BUS UNIT CONTROL AND RETURN, BAY 9 TO BAY 10
084	ECL-BUS UNIT CONTROL AND RETURN, BAY 10 TO BAY 11
085	ECL-BUS UNIT CONTROL, BAY 4 TO CMCU BAY 5
086	ECL-BUS UNIT CONTROL, BAY 7 TO CMCU BAY 6
087	ECL-BUS UNIT CONTROL, BAY 4 TO CMCU BAY 5
088	ECL-BUS UNIT CONTROL, BAY 7 TO CMCU BAY 6
089	ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 0
090	ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 3
091	ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 1
092	ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 4
093	ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 2
094	ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 9
095	ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 7

CAD NO.	CAD TITLE
096	ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 10
097	ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 8
098	ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 11
099	ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 0
100	ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 3
101	ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 1
102	ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 4
103	ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 2
104	ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 9
105	ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 7
106	ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 10
107	ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 6
108	ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 11
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110	CONTROL
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112	ECL-BUS UNIT MUX CONTROL, LOWER TMSU2 BAY 3
113	ECL-BUS UNIT MUX CONTROL, LOWER TMSU2 BAY 1
114	ECL-BUS UNIT MUX CONTROL, LOWER TMSU2 BAY 4
115	ECL-BUS UNIT MUX CONTROL, LOWER TMSU2 BAY 2
116	ECL-BUS UNIT MUX CONTROL, LOWER TMSU2 BAY 9
117	ECL-BUS UNIT MUX CONTROL, LOWER TMSU2 BAY 7
118	ECL-BUS UNIT MUX CONTROL, LOWER TMSU2 BAY 10
119	ECL-BUS UNIT MUX CONTROL, LOWER TMSU2 BAY 6
120	ECL-BUS UNIT MUX CONTROL, LOWER TMSU2 BAY 11
121	ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 0
122	ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 3
123	ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 1
124	ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 4
125	ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 2
126	ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 9
127	ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 7
128	ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 10
129	ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 6
130	ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 11
131	ECL-BUS UNIT RECEIVE DATA, BAY 0 AS LAST CABINET
132	ECL-BUS UNIT RECEIVE DATA, BAY 3 AS LAST CABINET
133	ECL-BUS UNIT RECEIVE DATA, BAY 1 AS LAST CABINET
134	ECL-BUS UNIT RECEIVE DATA, BAY 4 AS LAST CABINET
135	ECL-BUS UNIT RECEIVE DATA, BAY 2 AS LAST CABINET
136	ECL-BUS UNIT RECEIVE DATA, BAY 9 AS LAST CABINET
137	ECL-BUS UNIT RECEIVE DATA, BAY 7 AS LAST CABINET
138	ECL-BUS UNIT RECEIVE DATA, BAY 10 AS LAST CABINET
139	ECL-BUS UNIT RECEIVE DATA, BAY 6 AS LAST CABINET
140	ECL-BUS UNIT RECEIVE DATA, BAY 11 AS LAST CABINET
141	ECL-BUS UNIT RECEIVE DATA, BAY 0 AS LAST CABINET

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COMMUNICATIONS MODULE, MODEL 2
DOUBLE DUAL FABRIC

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CAD TITLE INDEX (CON'T)

CAD NO.	CAD TITLE
142	ECL-BUS UNIT RECEIVE DATA, BAY 3 AS LAST CABINET
143	ECL-BUS UNIT RECEIVE DATA, BAY 4 AS LAST CABINET
144	ECL-BUS UNIT RECEIVE DATA, BAY 4 AS LAST CABINET
145	ECL-BUS UNIT RECEIVE DATA, BAY 2 AS LAST CABINET
146	ECL-BUS UNIT RECEIVE DATA, BAY 9 AS LAST CABINET
147	ECL-BUS UNIT RECEIVE DATA, BAY 7 AS LAST CABINET
148	ECL-BUS UNIT RECEIVE DATA, BAY 10 AS LAST CABINET
149	ECL-BUS UNIT RECEIVE DATA, BAY 8 AS LAST CABINET
150	ECL-BUS UNIT RECEIVE DATA, BAY 11 AS LAST CABINET
151	ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 0
152	ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 3
153	ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 1
154	ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 4
155	ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 2
156	ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 5
157	ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 6
158	ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 9
159	ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 7
160	ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 10
161	ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 8
162	ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 11
163	ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 0
164	ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 3
165	ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 1
166	ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 4
167	ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 2
168	ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 5
169	ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 6
170	ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 9
171	ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 7
172	ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 10
173	ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 8
174	ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 11
175	ECL-BUS RETURN DATA, BAY 4 TO CMCU BAY 3
176	ECL-BUS RETURN DATA, BAY 7 TO CMCU BAY 6
177	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 0
178	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 1
179	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 2
180	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 3
181	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 4
182	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 5
183	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 6
184	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 7
185	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 8
186	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 9
187	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 10
188	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 11
189	ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 0

CAD NO.	CAD TITLE
190	ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 1
191	ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 2
192	ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 3
193	ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 4
194	ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 5
195	ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 6
196	ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 7
197	ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 8
198	ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 9
199	ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 10
200	ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 11
201	ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 0
202	ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 1
203	ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 2
204	ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 3
205	ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 4
206	ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 5
207	ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 6
208	ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 7
209	ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 8
210	ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 9
211	ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 10
212	ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 11
213	ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 0
214	ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 1
215	ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 2
216	ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 3
217	ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 4
218	ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 5
219	ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 6
220	ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 7
221	ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 8
222	ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 9
223	ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 10
224	ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 11
225	ECL-BUS UNIT CURRENT PROGRAMMING AND POWER
226	FABRIC CONTROL BOARD PARITY STRAP
227	FUSE ALARM CABLE, BAY 0
228	FUSE ALARM CABLE, BAY 1
229	FUSE ALARM CABLE, BAY 2
230	FUSE ALARM CABLE, BAY 3
231	FUSE ALARM CABLE, BAY 4
232	FUSE ALARM CABLE, BAY 5
233	FUSE ALARM CABLE, BAY 6
234	FUSE ALARM CABLE, BAY 7
235	FUSE ALARM CABLE, BAY 8
236	FUSE ALARM CABLE, BAY 9
237	FUSE ALARM CABLE, BAY 10

CAD NO.	CAD TITLE
238	FUSE ALARM CABLE, BAY 11
239	FUSE ALARM TO FUSE ALARM LINKS
240	POWER AND RETURN, BAY 0
241	POWER AND RETURN, BAY 1
242	POWER AND RETURN, BAY 2
243	POWER AND RETURN, BAY 3
244	POWER AND RETURN, BAY 4
245	POWER AND RETURN, BAY 5
246	POWER AND RETURN, BAY 6
247	POWER AND RETURN, BAY 7
248	POWER AND RETURN, BAY 8
249	POWER AND RETURN, BAY 9
250	POWER AND RETURN, BAY 10
251	POWER AND RETURN, BAY 11
252	TYPICAL GROUND STRAPPING
253	SHELF SELECT STRAPS
254	UNEQUIPPED POWER CONVERTER STRAP
255	DUAL FABRIC OPTION

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COMMUNICATIONS MODULE, MODEL 2
DOUBLE DUAL FABRIC

DWG SIZE
38

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AP FIG 1 CAD 001

I/O MICROPROCESSOR INTERFACE, IOM-A COMMUNITY 1

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J1							
645-036-000	GRD		000	GRD	641-000	UNIT	04-088-000
	NC		001				
	NC		002				
645-036-003	GRD		003	GRD	641-000	UNIT	04-088-003
645-036-004	GRD		004	GRD	641-000	UNIT	04-088-004
645-036-005	GRD		005	GRD	641-000	UNIT	04-088-005
645-036-006	100LA10		006	100LA10	641-000	UNIT	04-088-006
645-036-007	1ERA100		007	1ERA100	641-000	UNIT	04-088-007
645-036-008	1ERA110		008	1ERA110	641-000	UNIT	04-088-008
645-036-009	1ERA120		009	1ERA120	641-000	UNIT	04-088-009
645-036-010	1ERA130		010	1ERA130	641-000	UNIT	04-088-010
645-036-011	GRD		011	GRD	641-000	UNIT	04-088-011
J1							
645-037-000	GRD		000	GRD	641-000	UNIT	04-089-000
	NC		001				
	NC		002				
645-037-003	1PCSLA10		003	1PCSLA10	641-000	UNIT	04-089-003
645-037-004	1PCSLA11		004	1PCSLA11	641-000	UNIT	04-089-004
645-037-005	1PCSLA12		005	1PCSLA12	641-000	UNIT	04-089-005
645-037-006	1PCSLA13		006	1PCSLA13	641-000	UNIT	04-089-006
645-037-007	GRD		007	GRD	641-000	UNIT	04-089-007
645-037-008	GRD		008	GRD	641-000	UNIT	04-089-008
645-037-009	GRD		009	GRD	641-000	UNIT	04-089-009
645-037-010	GRD		010	GRD	641-000	UNIT	04-089-010
645-037-011	GRD		011	GRD	641-000	UNIT	04-089-011
J2							
645-036-013	GRD		013	GRD	641-000	UNIT	04-088-013
	NC		014				
	NC		015				
645-036-016	1CSAA100		016	1CSAA100	641-000	UNIT	04-088-016
645-036-017	1CSAA110		017	1CSAA110	641-000	UNIT	04-088-017
645-036-018	1CSAA120		018	1CSAA120	641-000	UNIT	04-088-018
645-036-019	1CSAA130		019	1CSAA130	641-000	UNIT	04-088-019
645-036-020	1CLRPCA1		020	1CLRPCA1	641-000	UNIT	04-088-020
645-036-021	1ISLSA1		021	1ISLSA1	641-000	UNIT	04-088-021
645-036-022	1SRA110		022	1SRA110	641-000	UNIT	04-088-022
645-036-023	1SRA130		023	1SRA130	641-000	UNIT	04-088-023
645-036-024	GRD		024	GRD	641-000	UNIT	04-088-024
J2							
645-037-013	GRD		013	GRD	641-000	UNIT	04-089-013
	NC		014				
	NC		015				
645-037-016	1DMAHRA1		016	1DMAHRA1	641-000	UNIT	04-089-016
645-037-017	1DMARDA1		017	1DMARDA1	641-000	UNIT	04-089-017
645-037-018	1DMAOCA1		018	1DMAOCA1	641-000	UNIT	04-089-018
645-037-019	1DMARDA1		019	1DMARDA1	641-000	UNIT	04-089-019
645-037-020	1CINTA10		020	1CINTA10	641-000	UNIT	04-089-020
645-037-021	1RISLSA1		021	1RISLSA1	641-000	UNIT	04-089-021
645-037-022	1SRA100		022	1SRA100	641-000	UNIT	04-089-022
645-037-023	1SRA120		023	1SRA120	641-000	UNIT	04-089-023
645-037-024	GRD		024	GRD	641-000	UNIT	04-089-024
J3							
645-038-000	GRD		032	GRD	641-000	UNIT	04-088-032
	NC		033				
	NC		034				
645-038-003	1DMAA101		035	1DMAA101	641-000	UNIT	04-088-035
645-038-004	1DMAA103		036	1DMAA103	641-000	UNIT	04-088-036
645-038-005	1DMAA105		037	1DMAA105	641-000	UNIT	04-088-037
645-038-006	1DMAA107		038	1DMAA107	641-000	UNIT	04-088-038
645-038-007	1DMAA109		039	1DMAA109	641-000	UNIT	04-088-039
645-038-008	1DMAA111		040	1DMAA111	641-000	UNIT	04-088-040
645-038-009	1DMAA113		041	1DMAA113	641-000	UNIT	04-088-041
645-038-010	1DMAA115		042	1DMAA115	641-000	UNIT	04-088-042
645-038-011	GRD		043	GRD	641-000	UNIT	04-088-043
J3							
645-039-000	GRD		032	GRD	641-000	UNIT	04-089-032
	NC		033				
	NC		034				
645-039-003	1DMAA100		035	1DMAA100	641-000	UNIT	04-089-035
645-039-004	1DMAA102		036	1DMAA102	641-000	UNIT	04-089-036
645-039-005	1DMAA104		037	1DMAA104	641-000	UNIT	04-089-037
645-039-006	1DMAA106		038	1DMAA106	641-000	UNIT	04-089-038
645-039-007	1DMAA108		039	1DMAA108	641-000	UNIT	04-089-039
645-039-008	1DMAA110		040	1DMAA110	641-000	UNIT	04-089-040
645-039-009	1DMAA112		041	1DMAA112	641-000	UNIT	04-089-041
645-039-010	1DMAA114		042	1DMAA114	641-000	UNIT	04-089-042
645-039-011	GRD		043	GRD	641-000	UNIT	04-089-043

AP FIG 1 CAD 001

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J3							
645-039-005	1DMAA104		037	1DMAA104	641-000	UNIT	04-089-037
645-039-006	1DMAA106		038	1DMAA106	641-000	UNIT	04-089-038
645-039-007	1DMAA108		039	1DMAA108	641-000	UNIT	04-089-039
645-039-008	1DMAA110		040	1DMAA110	641-000	UNIT	04-089-040
645-039-009	1DMAA112		041	1DMAA112	641-000	UNIT	04-089-041
645-039-010	1DMAA114		042	1DMAA114	641-000	UNIT	04-089-042
645-039-011	GRD		043	GRD	641-000	UNIT	04-089-043
J4							
645-038-013	GRD		045	GRD	641-000	UNIT	04-088-045
	NC		046				
	NC		047				
645-038-016	1DMADA11		048	1DMADA11	641-000	UNIT	04-088-048
645-038-017	1DMADA13		049	1DMADA13	641-000	UNIT	04-088-049
645-038-018	1DMADA15		050	1DMADA15	641-000	UNIT	04-088-050
645-038-019	1DMADA17		051	1DMADA17	641-000	UNIT	04-088-051
645-038-020	GRD		052	GRD	641-000	UNIT	04-088-052
645-038-021	GRD		053	GRD	641-000	UNIT	04-088-053
645-038-022	1INTA110		054	1INTA110	641-000	UNIT	04-088-054
645-038-023	1INTA130		055	1INTA130	641-000	UNIT	04-088-055
645-038-024	GRD		056	GRD	641-000	UNIT	04-088-056
J4							
645-039-013	GRD		045	GRD	641-000	UNIT	04-089-045
	NC		046				
	NC		047				
645-039-016	1DMADA10		048	1DMADA10	641-000	UNIT	04-089-048
645-039-017	1DMADA12		049	1DMADA12	641-000	UNIT	04-089-049
645-039-018	1DMADA14		050	1DMADA14	641-000	UNIT	04-089-050
645-039-019	1DMADA16		051	1DMADA16	641-000	UNIT	04-089-051
645-039-020	1DMADA18		052	1DMADA18	641-000	UNIT	04-089-052
645-039-021	GRD		053	GRD	641-000	UNIT	04-089-053
645-039-022	1INTA100		054	1INTA100	641-000	UNIT	04-089-054
645-039-023	1INTA120		055	1INTA120	641-000	UNIT	04-089-055
645-039-024	GRD		056	GRD	641-000	UNIT	04-089-056
J5							
645-036-000	GRD		000	GRD	541-000	UNIT	04-088-000
	NC		001				
	NC		002				
645-036-003	GRD		003	GRD	541-000	UNIT	04-088-003
645-036-004	GRD		004	GRD	541-000	UNIT	04-088-004
645-036-005	GRD		005	GRD	541-000	UNIT	04-088-005
645-036-006	000LA10		006	000LA10	541-000	UNIT	04-088-006
645-036-007	0ERA100		007	0ERA100	541-000	UNIT	04-088-007
645-036-008	0ERA110		008	0ERA110	541-000	UNIT	04-088-008
645-036-009	0ERA120		009	0ERA120	541-000	UNIT	04-088-009
645-036-010	0ERA130		010	0ERA130	541-000	UNIT	04-088-010
645-036-011	GRD		011	GRD	541-000	UNIT	04-088-011
J5							
645-037-000	GRD		000	GRD	541-000	UNIT	04-089-000
	NC		001				
	NC		002				
645-037-003	0PCSLA10		003	0PCSLA10	541-000	UNIT	04-089-003
645-037-004	0PCSLA11		004	0PCSLA11	541-000	UNIT	04-089-004
645-037-005	0PCSLA12		005	0PCSLA12	541-000	UNIT	04-089-005
645-037-006	0PCSLA13		006	0PCSLA13	541-000	UNIT	04-089-006
645-037-007	GRD		007	GRD	541-000	UNIT	04-089-007
645-037-008	GRD		008	GRD	541-000	UNIT	04-089-008
645-037-009	GRD		009	GRD	541-000	UNIT	04-089-009
645-037-010	GRD		010	GRD	541-000	UNIT	04-089-010
645-037-011	GRD		011	GRD	541-000	UNIT	04-089-011
J6							
645-036-013	GRD		013	GRD	541-000	UNIT	04-088-013
	NC		014				
	NC		015				
645-036-016	0CSAA100		016	0CSAA100	541-000	UNIT	04-088-016
645-036-017	0CSAA110		017	0CSAA110	541-000	UNIT	04-088-017
645-036-018	0CSAA120		018	0CSAA120	541-000	UNIT	04-088-018
645-036-019	0CSAA130		019	0CSAA130	541-000	UNIT	04-088-019
645-036-020	0CLRPCA1		020	0CLRPCA1	541-000	UNIT	04-088-020
645-036-021	0SISLSA1		021	0SISLSA1	541-000	UNIT	04-088-021

AP FIG 1 CAD 001

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J6				545-088 (CONT'D)	JACK/UNIT	(MSCU2)			
545-036-022	OSRA110		022	OSRA110	541-000	UNIT	04-088-022		
545-036-023	OSRA130		023	OSRA130	541-000	UNIT	04-088-023		
545-036-024	GRD		024	GRD	541-000	UNIT	04-088-024		
J6				545-089	JACK/UNIT	(MSCU2)			
545-037-013	GRD		013	GRD	541-000	UNIT	04-089-013		
	NC		014						
	NC		015						
545-037-016	ODMAHRA1		016	ODMAHRA1	541-000	UNIT	04-089-016		
545-037-017	ODMARD1A1		017	ODMARD1A1	541-000	UNIT	04-089-017		
545-037-018	ODMACCA1		018	ODMACCA1	541-000	UNIT	04-089-018		
545-037-019	ODMARD1A1		019	ODMARD1A1	541-000	UNIT	04-089-019		
545-037-020	OCINTA10		020	OCINTA10	541-000	UNIT	04-089-020		
545-037-021	ORISLBA1		021	ORISLBA1	541-000	UNIT	04-089-021		
545-037-022	OSRA100		022	OSRA100	541-000	UNIT	04-089-022		
545-037-023	OSRA120		023	OSRA120	541-000	UNIT	04-089-023		
545-037-024	GRD		024	GRD	541-000	UNIT	04-089-024		
J7				545-088	JACK/UNIT	(MSCU2)			
545-038-000	GRD		032	GRD	541-000	UNIT	04-088-032		
	NC		033						
	NC		034						
545-038-003	ODMAA101		035	ODMAA101	541-000	UNIT	04-088-035		
545-038-004	ODMAA103		036	ODMAA103	541-000	UNIT	04-088-036		
545-038-005	ODMAA105		037	ODMAA105	541-000	UNIT	04-088-037		
545-038-006	ODMAA107		038	ODMAA107	541-000	UNIT	04-088-038		
545-038-007	ODMAA109		039	ODMAA109	541-000	UNIT	04-088-039		
545-038-008	ODMAA111		040	ODMAA111	541-000	UNIT	04-088-040		
545-038-009	ODMAA113		041	ODMAA113	541-000	UNIT	04-088-041		
545-038-010	ODMAA115		042	ODMAA115	541-000	UNIT	04-088-042		
545-038-011	GRD		043	GRD	541-000	UNIT	04-088-043		
J7				545-089	JACK/UNIT	(MSCU2)			
545-039-000	GRD		032	GRD	541-000	UNIT	04-089-032		
	NC		033						
	NC		034						
545-039-003	ODMAA100		035	ODMAA100	541-000	UNIT	04-089-035		
545-039-004	ODMAA102		036	ODMAA102	541-000	UNIT	04-089-036		
545-039-005	ODMAA104		037	ODMAA104	541-000	UNIT	04-089-037		
545-039-006	ODMAA106		038	ODMAA106	541-000	UNIT	04-089-038		
545-039-007	ODMAA108		039	ODMAA108	541-000	UNIT	04-089-039		
545-039-008	ODMAA110		040	ODMAA110	541-000	UNIT	04-089-040		
545-039-009	ODMAA112		041	ODMAA112	541-000	UNIT	04-089-041		
545-039-010	ODMAA114		042	ODMAA114	541-000	UNIT	04-089-042		
545-039-011	GRD		043	GRD	541-000	UNIT	04-089-043		
J8				545-088	JACK/UNIT	(MSCU2)			
545-038-013	GRD		045	GRD	541-000	UNIT	04-088-045		
	NC		046						
	NC		047						
545-038-016	ODMADA11		048	ODMADA11	541-000	UNIT	04-088-048		
545-038-017	ODMADA13		049	ODMADA13	541-000	UNIT	04-088-049		
545-038-018	ODMADA15		050	ODMADA15	541-000	UNIT	04-088-050		
545-038-019	ODMADA17		051	ODMADA17	541-000	UNIT	04-088-051		
545-038-020	GRD		052	GRD	541-000	UNIT	04-088-052		
545-038-021	GRD		053	GRD	541-000	UNIT	04-088-053		
545-038-022	01NTA110		054	01NTA110	541-000	UNIT	04-088-054		
545-038-023	01NTA130		055	01NTA130	541-000	UNIT	04-088-055		
545-038-024	GRD		056	GRD	541-000	UNIT	04-088-056		

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

DWG SIZE
7

ISSUE
3 D

AP FIG 1 CAD 001

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J8							
545-039-013	GRD			045	GRD	541-000 UNIT	04-089-045
	NC			046			
	NC			047			
545-039-016	ODMADA10			048	ODMADA10	541-000 UNIT	04-089-048
545-039-017	ODMADA12			049	ODMADA12	541-000 UNIT	04-089-049
545-039-018	ODMADA14			050	ODMADA14	541-000 UNIT	04-089-050
545-039-019	ODMADA16			051	ODMADA16	541-000 UNIT	04-089-051
545-039-020	ODMADA18			052	ODMADA18	541-000 UNIT	04-089-052
545-039-021	GRD			053	GRD	541-000 UNIT	04-089-053
545-039-022	QINTA100			054	QINTA100	541-000 UNIT	04-089-054
545-039-023	QINTA120			055	QINTA120	541-000 UNIT	04-089-055
545-039-024	GRD			056	GRD	541-000 UNIT	04-089-056

AP FIG 1 CAD 002

I/O MICROPROCESSOR INTERFACE, IOMI-A COMMUNITY 2

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1							
553-086-000	GRD			000	GRD	541-000 UNIT	04-098-000
	NC			001			
	NC			002			
553-086-003	GRD			003	GRD	541-000 UNIT	04-098-003
553-086-004	GRD			004	GRD	541-000 UNIT	04-098-004
553-086-005	GRD			005	GRD	541-000 UNIT	04-098-005
553-086-006	ODGLA20			006	ODGLA20	541-000 UNIT	04-098-006
553-086-007	ODRA200			007	ODRA200	541-000 UNIT	04-098-007
553-086-008	ODRA210			008	ODRA210	541-000 UNIT	04-098-008
553-086-009	ODRA220			009	ODRA220	541-000 UNIT	04-098-009
553-086-010	ODRA230			010	ODRA230	541-000 UNIT	04-098-010
553-086-011	GRD			011	GRD	541-000 UNIT	04-098-011
.....J1							
553-087-000	GRD			000	GRD	541-000 UNIT	04-099-000
	NC			001			
	NC			002			
553-087-003	OPCSLA20			003	OPCSLA20	541-000 UNIT	04-099-003
553-087-004	OPCSLA21			004	OPCSLA21	541-000 UNIT	04-099-004
553-087-005	OPCSLA22			005	OPCSLA22	541-000 UNIT	04-099-005
553-087-006	OPCSLA23			006	OPCSLA23	541-000 UNIT	04-099-006
553-087-007	GRD			007	GRD	541-000 UNIT	04-099-007
553-087-008	GRD			008	GRD	541-000 UNIT	04-099-008
553-087-009	GRD			009	GRD	541-000 UNIT	04-099-009
553-087-010	GRD			010	GRD	541-000 UNIT	04-099-010
553-087-011	GRD			011	GRD	541-000 UNIT	04-099-011
.....J2							
553-086-013	GRD			013	GRD	541-000 UNIT	04-098-013
	NC			014			
	NC			015			
553-086-016	OCSSAA200			016	OCSSAA200	541-000 UNIT	04-098-016
553-086-017	OCSSAA210			017	OCSSAA210	541-000 UNIT	04-098-017
553-086-018	OCSSAA220			018	OCSSAA220	541-000 UNIT	04-098-018
553-086-019	OCSSAA230			019	OCSSAA230	541-000 UNIT	04-098-019
553-086-020	OCCLPCA2			020	OCCLPCA2	541-000 UNIT	04-098-020
553-086-021	OSISL&A2			021	OSISL&A2	541-000 UNIT	04-098-021
553-086-022	OSRA210			022	OSRA210	541-000 UNIT	04-098-022
553-086-023	OSRA230			023	OSRA230	541-000 UNIT	04-098-023
553-086-024	GRD			024	GRD	541-000 UNIT	04-098-024
.....J2							
553-087-013	GRD			013	GRD	541-000 UNIT	04-099-013
	NC			014			
	NC			015			
553-087-016	ODMAHRA2			016	ODMAHRA2	541-000 UNIT	04-099-016
553-087-017	ODMARD2			017	ODMARD2	541-000 UNIT	04-099-017
553-087-018	ODMAGCA2			018	ODMAGCA2	541-000 UNIT	04-099-018
553-087-019	ODMARD2			019	ODMARD2	541-000 UNIT	04-099-019
553-087-020	OCINTA20			020	OCINTA20	541-000 UNIT	04-099-020

AP FIG 1 CAD 002

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J2							
553-087-021	ORISL&A2			021	ORISL&A2	541-000 UNIT	04-099-021
553-087-022	OSRA200			022	OSRA200	541-000 UNIT	04-099-022
553-087-023	OSRA220			023	OSRA220	541-000 UNIT	04-099-023
553-087-024	GRD			024	GRD	541-000 UNIT	04-099-024
.....J3							
553-092-000	GRD			032	GRD	541-000 UNIT	04-098-032
	NC			033			
	NC			034			
553-092-003	ODMAA201			035	ODMAA201	541-000 UNIT	04-098-035
553-092-004	ODMAA203			036	ODMAA203	541-000 UNIT	04-098-036
553-092-005	ODMAA205			037	ODMAA205	541-000 UNIT	04-098-037
553-092-006	ODMAA207			038	ODMAA207	541-000 UNIT	04-098-038
553-092-007	ODMAA209			039	ODMAA209	541-000 UNIT	04-098-039
553-092-008	ODMAA211			040	ODMAA211	541-000 UNIT	04-098-040
553-092-009	ODMAA213			041	ODMAA213	541-000 UNIT	04-098-041
553-092-010	ODMAA215			042	ODMAA215	541-000 UNIT	04-098-042
553-092-011	GRD			043	GRD	541-000 UNIT	04-098-043
.....J3							
553-093-000	GRD			032	GRD	541-000 UNIT	04-099-032
	NC			033			
	NC			034			
553-093-003	ODMAA200			035	ODMAA200	541-000 UNIT	04-099-035
553-093-004	ODMAA202			036	ODMAA202	541-000 UNIT	04-099-036
553-093-005	ODMAA204			037	ODMAA204	541-000 UNIT	04-099-037
553-093-006	ODMAA206			038	ODMAA206	541-000 UNIT	04-099-038
553-093-007	ODMAA208			039	ODMAA208	541-000 UNIT	04-099-039
553-093-008	ODMAA210			040	ODMAA210	541-000 UNIT	04-099-040
553-093-009	ODMAA212			041	ODMAA212	541-000 UNIT	04-099-041
553-093-010	ODMAA214			042	ODMAA214	541-000 UNIT	04-099-042
553-093-011	GRD			043	GRD	541-000 UNIT	04-099-043
.....J4							
553-092-013	GRD			045	GRD	541-000 UNIT	04-098-045
	NC			046			
	NC			047			
553-092-016	ODMADA21			048	ODMADA21	541-000 UNIT	04-098-048
553-092-017	ODMADA23			049	ODMADA23	541-000 UNIT	04-098-049
553-092-018	ODMADA25			050	ODMADA25	541-000 UNIT	04-098-050
553-092-019	ODMADA27			051	ODMADA27	541-000 UNIT	04-098-051
553-092-020	GRD			052	GRD	541-000 UNIT	04-098-052
553-092-021	GRD			053	GRD	541-000 UNIT	04-098-053
553-092-022	QINTA210			054	QINTA210	541-000 UNIT	04-098-054
553-092-023	QINTA230			055	QINTA230	541-000 UNIT	04-098-055
553-092-024	GRD			056	GRD	541-000 UNIT	04-098-056
.....J4							
553-093-013	GRD			045	GRD	541-000 UNIT	04-099-045
	NC			046			
	NC			047			
553-093-016	ODMADA20			048	ODMADA20	541-000 UNIT	04-099-048
553-093-017	ODMADA22			049	ODMADA22	541-000 UNIT	04-099-049
553-093-018	ODMADA24			050	ODMADA24	541-000 UNIT	04-099-050
553-093-019	ODMADA26			051	ODMADA26	541-000 UNIT	04-099-051
553-093-020	ODMADA28			052	ODMADA28	541-000 UNIT	04-099-052
553-093-021	GRD			053	GRD	541-000 UNIT	04-099-053
553-093-022	QINTA200			054	QINTA200	541-000 UNIT	04-099-054
553-093-023	QINTA220			055	QINTA220	541-000 UNIT	04-099-055
553-093-024	GRD			056	GRD	541-000 UNIT	04-099-056

AP FIG 22 CAD 003

I/O MICROPROCESSOR INTERFACE, IOMI-A COMMUNITY 2

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1							
653-174-000	GRD			000	GRD	641-000 UNIT	04-098-000
	NC			001			
	NC			002			
653-174-003	GRD			003	GRD	641-000 UNIT	04-098-003
653-174-004	GRD			004	GRD	641-000 UNIT	04-098-004
653-174-005	GRD			005	GRD	641-000 UNIT	04-098-005
653-174-006	100LA20			006	100LA20	641-000 UNIT	04-098-006
653-174-007	1ERA200			007	1ERA200	641-000 UNIT	04-098-007
653-174-008	1ERA210			008	1ERA210	641-000 UNIT	04-098-008
653-174-009	1ERA220			009	1ERA220	641-000 UNIT	04-098-009
653-174-010	1ERA230			010	1ERA230	641-000 UNIT	04-098-010
653-174-011	GRD			011	GRD	641-000 UNIT	04-098-011
.....J1							
653-175-000	GRD			000	GRD	641-000 UNIT	04-099-000
	NC			001			
	NC			002			
653-175-003	1PCSLA20			003	1PCSLA20	641-000 UNIT	04-099-003
653-175-004	1PCSLA21			004	1PCSLA21	641-000 UNIT	04-099-004
653-175-005	1PCSLA22			005	1PCSLA22	641-000 UNIT	04-099-005
653-175-006	1PCSLA23			006	1PCSLA23	641-000 UNIT	04-099-006
653-175-007	GRD			007	GRD	641-000 UNIT	04-099-007
653-175-008	GRD			008	GRD	641-000 UNIT	04-099-008
653-175-009	GRD			009	GRD	641-000 UNIT	04-099-009
653-175-010	GRD			010	GRD	641-000 UNIT	04-099-010
653-175-011	GRD			011	GRD	641-000 UNIT	04-099-011
.....J2							
653-174-013	GRD			013	GRD	641-000 UNIT	04-098-013
	NC			014			
	NC			015			
653-174-016	1CSAA200			016	1CSAA200	641-000 UNIT	04-098-016
653-174-017	1CSAA210			017	1CSAA210	641-000 UNIT	04-098-017

AP FIG 22 CAD 003
(CONT'D)

AP FIG 22 CAD 004
(CONT'D)

AP FIG 22 CAD 004
(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT
J3 645-098 JACK/UNIT (MSCU2)							
653-181-000	GRD		032	GRD	641-000 UNIT	04-098-032	M
	NC		033				
	NC		034				
653-181-003	1DMAA201		035	1DMAA201	641-000 UNIT	04-098-035	M
653-181-004	1DMAA203		036	1DMAA203	641-000 UNIT	04-098-036	M
653-181-005	1DMAA205		037	1DMAA205	641-000 UNIT	04-098-037	M
653-181-006	1DMAA207		038	1DMAA207	641-000 UNIT	04-098-038	M
653-181-007	1DMAA209		039	1DMAA209	641-000 UNIT	04-098-039	M
653-181-008	1DMAA211		040	1DMAA211	641-000 UNIT	04-098-040	M
653-181-009	1DMAA213		041	1DMAA213	641-000 UNIT	04-098-041	M
653-181-010	1DMAA215		042	1DMAA215	641-000 UNIT	04-098-042	M
653-181-011	GRD		043	GRD	641-000 UNIT	04-098-043	M
J3 645-099 JACK/UNIT (MSCU2)							
653-181-000	GRD		032	GRD	641-000 UNIT	04-099-032	M
	NC		033				
	NC		034				
653-181-003	1DMAA200		035	1DMAA200	641-000 UNIT	04-099-035	M
653-181-004	1DMAA202		036	1DMAA202	641-000 UNIT	04-099-036	M
653-181-005	1DMAA204		037	1DMAA204	641-000 UNIT	04-099-037	M
653-181-006	1DMAA206		038	1DMAA206	641-000 UNIT	04-099-038	M
653-181-007	1DMAA208		039	1DMAA208	641-000 UNIT	04-099-039	M
653-181-008	1DMAA210		040	1DMAA210	641-000 UNIT	04-099-040	M
653-181-009	1DMAA212		041	1DMAA212	641-000 UNIT	04-099-041	M
653-181-010	1DMAA214		042	1DMAA214	641-000 UNIT	04-099-042	M
653-181-011	GRD		043	GRD	641-000 UNIT	04-099-043	M
J4 645-098 JACK/UNIT (MSCU2)							
653-181-013	GRD		045	GRD	641-000 UNIT	04-098-045	M
	NC		046				
	NC		047				
653-181-016	1DMADA21		048	1DMADA21	641-000 UNIT	04-098-048	M
653-181-017	1DMADA23		049	1DMADA23	641-000 UNIT	04-098-049	M
653-181-018	1DMADA25		050	1DMADA25	641-000 UNIT	04-098-050	M
653-181-019	1DMADA27		051	1DMADA27	641-000 UNIT	04-098-051	M
653-181-020	GRD		052	GRD	641-000 UNIT	04-098-052	M
653-181-021	GRD		053	GRD	641-000 UNIT	04-098-053	M
653-181-022	1INTA210		054	1INTA210	641-000 UNIT	04-098-054	M
653-181-023	1INTA230		055	1INTA230	641-000 UNIT	04-098-055	M
653-181-024	GRD		056	GRD	641-000 UNIT	04-098-056	M
J4 645-099 JACK/UNIT (MSCU2)							
653-181-013	GRD		045	GRD	641-000 UNIT	04-099-045	M
	NC		046				
	NC		047				
653-181-016	1DMADA20		048	1DMADA20	641-000 UNIT	04-099-048	M
653-181-017	1DMADA22		049	1DMADA22	641-000 UNIT	04-099-049	M
653-181-018	1DMADA24		050	1DMADA24	641-000 UNIT	04-099-050	M
653-181-019	1DMADA26		051	1DMADA26	641-000 UNIT	04-099-051	M
653-181-020	1DMADA28		052	1DMADA28	641-000 UNIT	04-099-052	M
653-181-021	GRD		053	GRD	641-000 UNIT	04-099-053	M
653-181-022	1INTA200		054	1INTA200	641-000 UNIT	04-099-054	M
653-181-023	1INTA220		055	1INTA220	641-000 UNIT	04-099-055	M
653-181-024	GRD		056	GRD	641-000 UNIT	04-099-056	M

AP FIG 22 CAD 004

I/O MICROPROCESSOR INTERFACE, IOMI-A COMMUNITY 3

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT
J1 545-100 JACK/UNIT (MSCU2)							
553-174-000	GRD		000	GRD	541-000 UNIT	04-100-000	M
	NC		001				
	NC		002				
553-174-003	GRD		003	GRD	541-000 UNIT	04-100-003	M
553-174-004	GRD		004	GRD	541-000 UNIT	04-100-004	M
553-174-005	GRD		005	GRD	541-000 UNIT	04-100-005	M
553-174-006	000LA30		006	000LA30	541-000 UNIT	04-100-006	M
553-174-007	00RA300		007	00RA300	541-000 UNIT	04-100-007	M

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT
J1 545-100 JACK/UNIT (MSCU2)							
553-174-008	00RA310		008	00RA310	541-000 UNIT	04-100-008	M
553-174-009	00RA320		009	00RA320	541-000 UNIT	04-100-009	M
553-174-010	00RA330		010	00RA330	541-000 UNIT	04-100-010	M
553-174-011	GRD		011	GRD	541-000 UNIT	04-100-011	M
J1 545-101 JACK/UNIT (MSCU2)							
553-175-000	GRD		000	GRD	541-000 UNIT	04-101-000	M
	NC		001				
	NC		002				
553-175-003	00PSLA30		003	00PSLA30	541-000 UNIT	04-101-003	M
553-175-004	00PSLA31		004	00PSLA31	541-000 UNIT	04-101-004	M
553-175-005	00PSLA32		005	00PSLA32	541-000 UNIT	04-101-005	M
553-175-006	00PSLA33		006	00PSLA33	541-000 UNIT	04-101-006	M
553-175-007	GRD		007	GRD	541-000 UNIT	04-101-007	M
553-175-008	GRD		008	GRD	541-000 UNIT	04-101-008	M
553-175-009	GRD		009	GRD	541-000 UNIT	04-101-009	M
553-175-010	GRD		010	GRD	541-000 UNIT	04-101-010	M
553-175-011	GRD		011	GRD	541-000 UNIT	04-101-011	M
J2 545-100 JACK/UNIT (MSCU2)							
553-174-013	GRD		013	GRD	541-000 UNIT	04-100-013	M
	NC		014				
	NC		015				
553-174-016	00CSAA300		016	00CSAA300	541-000 UNIT	04-100-016	M
553-174-017	00CSAA310		017	00CSAA310	541-000 UNIT	04-100-017	M
553-174-018	00CSAA320		018	00CSAA320	541-000 UNIT	04-100-018	M
553-174-019	00CSAA330		019	00CSAA330	541-000 UNIT	04-100-019	M
553-174-020	00CLRPCA3		020	00CLRPCA3	541-000 UNIT	04-100-020	M
553-174-021	00ISL8A3		021	00ISL8A3	541-000 UNIT	04-100-021	M
553-174-022	00RA310		022	00RA310	541-000 UNIT	04-100-022	M
553-174-023	00RA330		023	00RA330	541-000 UNIT	04-100-023	M
553-174-024	GRD		024	GRD	541-000 UNIT	04-100-024	M
J2 545-101 JACK/UNIT (MSCU2)							
553-175-013	GRD		013	GRD	541-000 UNIT	04-101-013	M
	NC		014				
	NC		015				
553-175-016	00MAHRA3		016	00MAHRA3	541-000 UNIT	04-101-016	M
553-175-017	00MARDAS		017	00MARDAS	541-000 UNIT	04-101-017	M
553-175-018	00MAOCA3		018	00MAOCA3	541-000 UNIT	04-101-018	M
553-175-019	00MARQA3		019	00MARQA3	541-000 UNIT	04-101-019	M
553-175-020	00INTA30		020	00INTA30	541-000 UNIT	04-101-020	M
553-175-021	00ISL8A3		021	00ISL8A3	541-000 UNIT	04-101-021	M
553-175-022	00RA300		022	00RA300	541-000 UNIT	04-101-022	M
553-175-023	00RA320		023	00RA320	541-000 UNIT	04-101-023	M
553-175-024	GRD		024	GRD	541-000 UNIT	04-101-024	M
J3 545-100 JACK/UNIT (MSCU2)							
553-180-000	GRD		032	GRD	541-000 UNIT	04-100-032	M
	NC		033				
	NC		034				
553-180-003	00MAA301		035	00MAA301	541-000 UNIT	04-100-035	M
553-180-004	00MAA303		036	00MAA303	541-000 UNIT	04-100-036	M
553-180-005	00MAA305		037	00MAA305	541-000 UNIT	04-100-037	M
553-180-006	00MAA307		038	00MAA307	541-000 UNIT	04-100-038	M
553-180-007	00MAA309		039	00MAA309	541-000 UNIT	04-100-039	M
553-180-008	00MAA311		040	00MAA311	541-000 UNIT	04-100-040	M
553-180-009	00MAA313		041	00MAA313	541-000 UNIT	04-100-041	M
553-180-010	00MAA315		042	00MAA315	541-000 UNIT	04-100-042	M
553-180-011	GRD		043	GRD	541-000 UNIT	04-100-043	M
J3 545-101 JACK/UNIT (MSCU2)							
553-181-000	GRD		032	GRD	541-000 UNIT	04-101-032	M
	NC		033				
	NC		034				
553-181-003	00MAA300		035	00MAA300	541-000 UNIT	04-101-035	M
553-181-004	00MAA302		036	00MAA302	541-000 UNIT	04-101-036	M
553-181-005	00MAA304		037	00MAA304	541-000 UNIT	04-101-037	M
553-181-006	00MAA306		038	00MAA306	541-000 UNIT	04-101-038	M
553-181-007	00MAA308		039	00MAA308	541-000 UNIT	04-101-039	M
553-181-008	00MAA310		040	00MAA310	541-000 UNIT	04-101-040	M
553-181-009	00MAA312		041	00MAA312	541-000 UNIT	04-101-041	M
553-181-010	00MAA314		042	00MAA314	541-000 UNIT	04-101-042	M
553-181-011	GRD		043	GRD	541-000 UNIT	04-101-043	M

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----J4									
			545-100	JACK/UNIT (MSCU2)-----					
553-180-013	GRD		045	GRD	541-000	UNIT	04-100-045	M	
	NC		046						
	NC		047						
553-180-016	ODMADA31		048	ODMADA31	541-000	UNIT	04-100-048	M	
553-180-017	ODMADA33		049	ODMADA33	541-000	UNIT	04-100-049	M	
553-180-018	ODMADA35		050	ODMADA35	541-000	UNIT	04-100-050	M	
553-180-019	ODMADA37		051	ODMADA37	541-000	UNIT	04-100-051	M	
553-180-020	GRD		052	GRD	541-000	UNIT	04-100-052	M	
553-180-021	GRD		053	GRD	541-000	UNIT	04-100-052	M	
553-180-022	01NTA310		054	01NTA310	541-000	UNIT	04-100-053	M	
553-180-023	01NTA330		055	01NTA330	541-000	UNIT	04-100-054	M	
553-180-024	GRD		056	GRD	541-000	UNIT	04-100-055	M	
							04-100-056	M	
-----J4									
			545-101	JACK/UNIT (MSCU2)-----					
553-181-013	GRD		045	GRD	541-000	UNIT	04-101-045	M	
	NC		046						
	NC		047						
553-181-016	ODMADA30		048	ODMADA30	541-000	UNIT	04-101-048	M	
553-181-017	ODMADA32		049	ODMADA32	541-000	UNIT	04-101-049	M	
553-181-018	ODMADA34		050	ODMADA34	541-000	UNIT	04-101-050	M	
553-181-019	ODMADA36		051	ODMADA36	541-000	UNIT	04-101-051	M	
553-181-020	ODMADA38		052	ODMADA38	541-000	UNIT	04-101-052	M	
553-181-021	GRD		053	GRD	541-000	UNIT	04-101-053	M	
553-181-022	01NTA300		054	01NTA300	541-000	UNIT	04-101-054	M	
553-181-023	01NTA320		055	01NTA320	541-000	UNIT	04-101-055	M	
553-181-024	GRD		056	GRD	541-000	UNIT	04-101-056	M	

AP FIG 1 CAD 005

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J1							
653-087-000	GRD			000	GRD	641-000 UNIT	04-101-000
	NC			001			
	NC			002			
653-087-003	1PCSLA30			003	1PCSLA30	641-000 UNIT	04-101-003
653-087-004	1PCSLA31			004	1PCSLA31	641-000 UNIT	04-101-004
653-087-005	1PCSLA32			005	1PCSLA32	641-000 UNIT	04-101-005
653-087-006	1PCSLA33			006	1PCSLA33	641-000 UNIT	04-101-006
653-087-007	GRD			007	GRD	641-000 UNIT	04-101-007
653-087-008	GRD			008	GRD	641-000 UNIT	04-101-008
653-087-009	GRD			009	GRD	641-000 UNIT	04-101-009
653-087-010	GRD			010	GRD	641-000 UNIT	04-101-010
653-087-011	GRD			011	GRD	641-000 UNIT	04-101-011
J2							
653-086-013	GRD			013	GRD	641-000 UNIT	04-100-013
	NC			014			
	NC			015			
653-086-016	1CSAA300			016	1CSAA300	641-000 UNIT	04-100-016
653-086-017	1CSAA310			017	1CSAA310	641-000 UNIT	04-100-017
653-086-018	1CSAA320			018	1CSAA320	641-000 UNIT	04-100-018
653-086-019	1CSAA330			019	1CSAA330	641-000 UNIT	04-100-019
653-086-020	1CLRPCA3			020	1CLRPCA3	641-000 UNIT	04-100-020
653-086-021	1SISL8A3			021	1SISL8A3	641-000 UNIT	04-100-021
653-086-022	1SRA310			022	1SRA310	641-000 UNIT	04-100-022
653-086-023	1SRA330			023	1SRA330	641-000 UNIT	04-100-023
653-086-024	GRD			024	GRD	641-000 UNIT	04-100-024
J2							
653-087-013	GRD			013	GRD	641-000 UNIT	04-101-013
	NC			014			
	NC			015			
653-087-016	1DMARA3			016	1DMARA3	641-000 UNIT	04-101-016
653-087-017	1DMARDA3			017	1DMARDA3	641-000 UNIT	04-101-017
653-087-018	1DMARCA3			018	1DMARCA3	641-000 UNIT	04-101-018
653-087-019	1DMARCA3			019	1DMARCA3	641-000 UNIT	04-101-019
653-087-020	1INTA30			020	1INTA30	641-000 UNIT	04-101-020
653-087-021	1RISL8A3			021	1RISL8A3	641-000 UNIT	04-101-021
653-087-022	1SRA300			022	1SRA300	641-000 UNIT	04-101-022
653-087-023	1SRA320			023	1SRA320	641-000 UNIT	04-101-023
653-087-024	GRD			024	GRD	641-000 UNIT	04-101-024
J3							
653-092-000	GRD			032	GRD	641-000 UNIT	04-100-032
	NC			033			
	NC			034			
653-092-003	1DMAA301			035	1DMAA301	641-000 UNIT	04-100-035
653-092-004	1DMAA303			036	1DMAA303	641-000 UNIT	04-100-036
653-092-005	1DMAA305			037	1DMAA305	641-000 UNIT	04-100-037
653-092-006	1DMAA307			038	1DMAA307	641-000 UNIT	04-100-038
653-092-007	1DMAA309			039	1DMAA309	641-000 UNIT	04-100-039
653-092-008	1DMAA311			040	1DMAA311	641-000 UNIT	04-100-040
653-092-009	1DMAA313			041	1DMAA313	641-000 UNIT	04-100-041
653-092-010	1DMAA315			042	1DMAA315	641-000 UNIT	04-100-042
653-092-011	GRD			043	GRD	641-000 UNIT	04-100-043
J3							
653-093-000	GRD			032	GRD	641-000 UNIT	04-101-032
	NC			033			
	NC			034			
653-093-003	1DMAA300			035	1DMAA300	641-000 UNIT	04-101-035
653-093-004	1DMAA302			036	1DMAA302	641-000 UNIT	04-101-036
653-093-005	1DMAA304			037	1DMAA304	641-000 UNIT	04-101-037
653-093-006	1DMAA306			038	1DMAA306	641-000 UNIT	04-101-038
653-093-007	1DMAA308			039	1DMAA308	641-000 UNIT	04-101-039
653-093-008	1DMAA310			040	1DMAA310	641-000 UNIT	04-101-040
653-093-009	1DMAA312			041	1DMAA312	641-000 UNIT	04-101-041
653-093-010	1DMAA314			042	1DMAA314	641-000 UNIT	04-101-042
653-093-011	GRD			043	GRD	641-000 UNIT	04-101-043
J4							
653-092-013	GRD			045	GRD	641-000 UNIT	04-100-045
	NC			046			
	NC			047			
653-092-016	1DMADA31			048	1DMADA31	641-000 UNIT	04-100-048
653-092-017	1DMADA33			049	1DMADA33	641-000 UNIT	04-100-049

AP FIG 1 CAD 005

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J4							
653-092-018	1DMADA35			050	1DMADA35	641-000 UNIT	04-100-050
653-092-019	1DMADA37			051	1DMADA37	641-000 UNIT	04-100-051
653-092-020	GRD			052	GRD	641-000 UNIT	04-100-052
653-092-021	GRD			053	GRD	641-000 UNIT	04-100-053
653-092-022	1INTA310			054	1INTA310	641-000 UNIT	04-100-054
653-092-023	1INTA330			055	1INTA330	641-000 UNIT	04-100-055
653-092-024	GRD			056	GRD	641-000 UNIT	04-100-056
J4							
653-093-013	GRD			045	GRD	641-000 UNIT	04-101-045
	NC			046			
	NC			047			
653-093-016	1DMADA30			048	1DMADA30	641-000 UNIT	04-101-048
653-093-017	1DMADA32			049	1DMADA32	641-000 UNIT	04-101-049
653-093-018	1DMADA34			050	1DMADA34	641-000 UNIT	04-101-050
653-093-019	1DMADA36			051	1DMADA36	641-000 UNIT	04-101-051
653-093-020	1DMADA38			052	1DMADA38	641-000 UNIT	04-101-052
653-093-021	GRD			053	GRD	641-000 UNIT	04-101-053
653-093-022	1INTA300			054	1INTA300	641-000 UNIT	04-101-054
653-093-023	1INTA320			055	1INTA320	641-000 UNIT	04-101-055
653-093-024	GRD			056	GRD	641-000 UNIT	04-101-056
J1							
453-086-000	GRD			000	GRD	541-000 UNIT	04-102-000
	NC			001			
	NC			002			
453-086-003	GRD			003	GRD	541-000 UNIT	04-102-003
453-086-004	GRD			004	GRD	541-000 UNIT	04-102-004
453-086-005	GRD			005	GRD	541-000 UNIT	04-102-005
453-086-006	00DL800			006	00DL800	541-000 UNIT	04-102-006
453-086-007	0ERB000			007	0ERB000	541-000 UNIT	04-102-007
453-086-008	0ERB010			008	0ERB010	541-000 UNIT	04-102-008
453-086-009	0ERB020			009	0ERB020	541-000 UNIT	04-102-009
453-086-010	0ERB030			010	0ERB030	541-000 UNIT	04-102-010
453-086-011	GRD			011	GRD	541-000 UNIT	04-102-011
J1							
453-087-000	GRD			000	GRD	541-000 UNIT	04-103-000
	NC			001			
	NC			002			
453-087-003	0PCSLB00			003	0PCSLB00	541-000 UNIT	04-103-003
453-087-004	0PCSLB01			004	0PCSLB01	541-000 UNIT	04-103-004
453-087-005	0PCSLB02			005	0PCSLB02	541-000 UNIT	04-103-005
453-087-006	0PCSLB03			006	0PCSLB03	541-000 UNIT	04-103-006
453-087-007	GRD			007	GRD	541-000 UNIT	04-103-007
453-087-008	GRD			008	GRD	541-000 UNIT	04-103-008
453-087-009	GRD			009	GRD	541-000 UNIT	04-103-009
453-087-010	GRD			010	GRD	541-000 UNIT	04-103-010
453-087-011	GRD			011	GRD	541-000 UNIT	04-103-011
J2							
453-086-013	GRD			013	GRD	541-000 UNIT	04-102-013
	NC			014			
	NC			015			
453-086-016	0CSAB000			016	0CSAB000	541-000 UNIT	04-102-016
453-086-017	0CSAB010			017	0CSAB010	541-000 UNIT	04-102-017
453-086-018	0CSAB020			018	0CSAB020	541-000 UNIT	04-102-018
453-086-019	0CSAB030			019	0CSAB030	541-000 UNIT	04-102-019
453-086-020	0CLRPCB0			020	0CLRPCB0	541-000 UNIT	04-102-020
453-086-021	0SISL8B0			021	0SISL8B0	541-000 UNIT	04-102-021
453-086-022	0SRB010			022	0SRB010	541-000 UNIT	04-102-022
453-086-023	0SRB030			023	0SRB030	541-000 UNIT	04-102-023
453-086-024	GRD			024	GRD	541-000 UNIT	04-102-024

AP FIG 17 CAD 006

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	QPT	NOTE
-----J2-----									
453-087-013	GRD			013	GRD	541-000 UNIT	04-103-013	S	
	NC			014					
	NC			015					
453-087-016	0DMAWRB0			016	0DMAWRB0	541-000 UNIT	04-103-016	S	
453-087-017	0DMARDB0			017	0DMARDB0	541-000 UNIT	04-103-017	S	
453-087-018	0DMAOCB0			018	0DMAOCB0	541-000 UNIT	04-103-018	S	
453-087-019	0DMARGB0			019	0DMARGB0	541-000 UNIT	04-103-019	S	
453-087-020	0CINTB00			020	0CINTB00	541-000 UNIT	04-103-020	S	
453-087-021	0RISL8B0			021	0RISL8B0	541-000 UNIT	04-103-021	S	
453-087-022	0SRB000			022	0SRB000	541-000 UNIT	04-103-022	S	
453-087-023	0SRB020			023	0SRB020	541-000 UNIT	04-103-023	S	
453-087-024	GRD			024	GRD	541-000 UNIT	04-103-024	S	
-----J3-----									
453-092-000	GRD			032	GRD	541-000 UNIT	04-102-032	S	
	NC			033					
	NC			034					
453-092-003	0DMAB001			035	0DMAB001	541-000 UNIT	04-102-035	S	
453-092-004	0DMAB003			036	0DMAB003	541-000 UNIT	04-102-036	S	
453-092-005	0DMAB005			037	0DMAB005	541-000 UNIT	04-102-037	S	
453-092-006	0DMAB007			038	0DMAB007	541-000 UNIT	04-102-038	S	
453-092-007	0DMAB009			039	0DMAB009	541-000 UNIT	04-102-039	S	
453-092-008	0DMAB011			040	0DMAB011	541-000 UNIT	04-102-040	S	
453-092-009	0DMAB013			041	0DMAB013	541-000 UNIT	04-102-041	S	
453-092-010	0DMAB015			042	0DMAB015	541-000 UNIT	04-102-042	S	
453-092-011	GRD			043	GRD	541-000 UNIT	04-102-043	S	
-----J3-----									
453-093-000	GRD			032	GRD	541-000 UNIT	04-103-032	S	
	NC			033					
	NC			034					
453-093-003	0DMAB000			035	0DMAB000	541-000 UNIT	04-103-035	S	
453-093-004	0DMAB002			036	0DMAB002	541-000 UNIT	04-103-036	S	
453-093-005	0DMAB004			037	0DMAB004	541-000 UNIT	04-103-037	S	
453-093-006	0DMAB006			038	0DMAB006	541-000 UNIT	04-103-038	S	
453-093-007	0DMAB008			039	0DMAB008	541-000 UNIT	04-103-039	S	
453-093-008	0DMAB010			040	0DMAB010	541-000 UNIT	04-103-040	S	
453-093-009	0DMAB012			041	0DMAB012	541-000 UNIT	04-103-041	S	
453-093-010	0DMAB014			042	0DMAB014	541-000 UNIT	04-103-042	S	
453-093-011	GRD			043	GRD	541-000 UNIT	04-103-043	S	
-----J4-----									
453-092-013	GRD			045	GRD	541-000 UNIT	04-102-045	S	
	NC			046					
	NC			047					
453-092-016	0DMADB01			048	0DMADB01	541-000 UNIT	04-102-048	S	
453-092-017	0DMADB03			049	0DMADB03	541-000 UNIT	04-102-049	S	
453-092-018	0DMADB05			050	0DMADB05	541-000 UNIT	04-102-050	S	
453-092-019	0DMADB07			051	0DMADB07	541-000 UNIT	04-102-051	S	
453-092-020	GRD			052	GRD	541-000 UNIT	04-102-052	S	
453-092-021	GRD			053	GRD	541-000 UNIT	04-102-053	S	
453-092-022	01NTB010			054	01NTB010	541-000 UNIT	04-102-054	S	
453-092-023	01NTB030			055	01NTB030	541-000 UNIT	04-102-055	S	
453-092-024	GRD			056	GRD	541-000 UNIT	04-102-056	S	

AP FIG 17 CAD 006

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J4				545-103	JACK/UNIT (MSCL2).....				
453-093-013	GRD		045		GRD	541-000 UNIT	04-103-045	S	
	NC		046						
	NC		047						
453-093-016	ODMAD800		048		ODMAD800	541-000 UNIT	04-103-048	S	
453-093-017	ODMAD802		049		ODMAD802	541-000 UNIT	04-103-049	S	
453-093-018	ODMAD804		050		ODMAD804	541-000 UNIT	04-103-050	S	
453-093-019	ODMAD806		051		ODMAD806	541-000 UNIT	04-103-051	S	
453-093-020	ODMAD808		052		ODMAD808	541-000 UNIT	04-103-052	S	
453-093-021	GRD		053		GRD	541-000 UNIT	04-103-053	S	
453-093-022	01NTB000		054		01NTB000	541-000 UNIT	04-103-054	S	
453-093-023	01NTB020		055		01NTB020	541-000 UNIT	04-103-055	S	
453-093-024	GRD		056		GRD	541-000 UNIT	04-103-056	S	

AP FIG 22 CAD 007

I/O MICROPROCESSOR INTERFACE, 10M1-B COMMUNITY 0

TO CONNECTION				FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL			
.....J1										
753-174-000	GRD		000	GRD	641-000	UNIT	04-102-000	K		
	NC		001							
	NC		002							
753-174-003	GRD		003	GRD	641-000	UNIT	04-102-003	K		
753-174-004	GRD		004	GRD	641-000	UNIT	04-102-004	K		
753-174-005	GRD		005	GRD	641-000	UNIT	04-102-005	K		
753-174-006	10DLB00		006	10DLB00	641-000	UNIT	04-102-006	K		
753-174-007	1ERB000		007	1ERB000	641-000	UNIT	04-102-007	K		
753-174-008	1ERB010		008	1ERB010	641-000	UNIT	04-102-008	K		
753-174-009	1ERB020		009	1ERB020	641-000	UNIT	04-102-009	K		
753-174-010	1ERB030		010	1ERB030	641-000	UNIT	04-102-010	K		
753-174-011	GRD		011	GRD	641-000	UNIT	04-102-011	K		
.....J1										
753-175-000	GRD		000	GRD	641-000	UNIT	04-103-000	K		
	NC		001							
	NC		002							
753-175-003	1PCSLB00		003	1PCSLB00	641-000	UNIT	04-103-003	K		
753-175-004	1PCSLB01		004	1PCSLB01	641-000	UNIT	04-103-004	K		
753-175-005	1PCSLB02		005	1PCSLB02	641-000	UNIT	04-103-005	K		
753-175-006	1PCSLB03		006	1PCSLB03	641-000	UNIT	04-103-006	K		
753-175-007	GRD		007	GRD	641-000	UNIT	04-103-007	K		
753-175-008	GRD		008	GRD	641-000	UNIT	04-103-008	K		
753-175-009	GRD		009	GRD	641-000	UNIT	04-103-009	K		
753-175-010	GRD		010	GRD	641-000	UNIT	04-103-010	K		
753-175-011	GRD		011	GRD	641-000	UNIT	04-103-011	K		

.....J2									
753-174-013	GRD		013	GRD	641-000	UNIT	04-102-013	K	
	NC		014						
	NC		015						
753-174-016	1CSAB000		016	1CSAB000	641-000	UNIT	04-102-016	K	
753-174-017	1CSAB010		017	1CSAB010	641-000	UNIT	04-102-017	K	
753-174-018	1CSAB020		018	1CSAB020	641-000	UNIT	04-102-018	K	
753-174-019	1CSAB030		019	1CSAB030	641-000	UNIT	04-102-019	K	
753-174-020	1CLRPCB0		020	1CLRPCB0	641-000	UNIT	04-102-020	K	
753-174-021	1SISL880		021	1SISL880	641-000	UNIT	04-102-021	K	
753-174-022	1SRB010		022	1SRB010	641-000	UNIT	04-102-022	K	
753-174-023	1SRB030		023	1SRB030	641-000	UNIT	04-102-023	K	
753-174-024	GRD		024	GRD	641-000	UNIT	04-102-024	K	

.....J2									
753-175-013	GRD		013	GRD	641-000	UNIT	04-103-013	K	
	NC		014						
	NC		015						
753-175-016	1DMAB080		016	1DMAB080	641-000	UNIT	04-103-016	K	
753-175-017	1DMAB080		017	1DMAB080	641-000	UNIT	04-103-017	K	
753-175-018	1DMAB080		018	1DMAB080	641-000	UNIT	04-103-018	K	
753-175-019	1DMAB080		019	1DMAB080	641-000	UNIT	04-103-019	K	
753-175-020	1CINTB00		020	1CINTB00	641-000	UNIT	04-103-020	K	

AP FIG 22 CAD 007

(CONT'D)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J2					645-103 (CONT'D)				
					JACK/UNIT (MSCL2).....				
753-175-021	1RISL880		021	1RISL880	641-000	UNIT	04-103-021	K	
753-175-022	1SRB000		022	1SRB000	641-000	UNIT	04-103-022	K	
753-175-023	1SRB020		023	1SRB020	641-000	UNIT	04-103-023	K	
753-175-024	GRD		024	GRD	641-000	UNIT	04-103-024	K	

.....J3									
753-180-000	GRD		032	GRD	641-000	UNIT	04-102-032	K	
	NC		033						
	NC		034						
753-180-003	1DMAB001		035	1DMAB001	641-000	UNIT	04-102-035	K	
753-180-004	1DMAB003		036	1DMAB003	641-000	UNIT	04-102-036	K	
753-180-005	1DMAB005		037	1DMAB005	641-000	UNIT	04-102-037	K	
753-180-006	1DMAB007		038	1DMAB007	641-000	UNIT	04-102-038	K	
753-180-007	1DMAB009		039	1DMAB009	641-000	UNIT	04-102-039	K	
753-180-008	1DMAB011		040	1DMAB011	641-000	UNIT	04-102-040	K	
753-180-009	1DMAB013		041	1DMAB013	641-000	UNIT	04-102-041	K	
753-180-010	1DMAB015		042	1DMAB015	641-000	UNIT	04-102-042	K	
753-180-011	GRD		043	GRD	641-000	UNIT	04-102-043	K	

.....J3									
753-181-000	GRD		032	GRD	641-000	UNIT	04-103-032	K	
	NC		033						
	NC		034						
753-181-003	1DMAB000		035	1DMAB000	641-000	UNIT	04-103-035	K	
753-181-004	1DMAB002		036	1DMAB002	641-000	UNIT	04-103-036	K	
753-181-005	1DMAB004		037	1DMAB004	641-000	UNIT	04-103-037	K	
753-181-006	1DMAB006		038	1DMAB006	641-000	UNIT	04-103-038	K	
753-181-007	1DMAB008		039	1DMAB008	641-000	UNIT	04-103-039	K	
753-181-008	1DMAB010		040	1DMAB010	641-000	UNIT	04-103-040	K	
753-181-009	1DMAB012		041	1DMAB012	641-000	UNIT	04-103-041	K	
753-181-010	1DMAB014		042	1DMAB014	641-000	UNIT	04-103-042	K	
753-181-011	GRD		043	GRD	641-000	UNIT	04-103-043	K	

.....J4									
753-180-013	GRD		045	GRD	641-000	UNIT	04-102-045	K	
	NC		046						
	NC		047						
753-180-016	1DMAB001		048	1DMAB001	641-000	UNIT	04-102-048	K	
753-180-017	1DMAB003		049	1DMAB003	641-000	UNIT	04-102-049	K	
753-180-018	1DMAB005		050	1DMAB005	641-000	UNIT	04-102-050	K	
753-180-019	1DMAB007		051	1DMAB007	641-000	UNIT	04-102-051	K	
753-180-020	GRD		052	GRD	641-000	UNIT	04-102-052	K	
753-180-021	GRD		053	GRD	641-000	UNIT	04-102-053	K	
753-180-022	11NTB010		054	11NTB010	641-000	UNIT	04-102-054	K	
753-180-023	11NTB030		055	11NTB030	641-000	UNIT	04-102-055	K	
753-180-024	GRD		056	GRD	641-000	UNIT	04-102-056	K	

.....J4									
753-181-013	GRD		045	GRD	641-000	UNIT	04-103-045	K	
	NC		046						
	NC		047						
753-181-016	1DMAB000		048	1DMAB000	641-000	UNIT	04-103-048	K	
753-181-017	1DMAB002		049	1DMAB002	641-000	UNIT	04-103-049	K	
753-181-018	1DMAB004		050	1DMAB004	641-000	UNIT	04-103-050	K	
753-181-019	1DMAB006		051	1DMAB006	641-000	UNIT	04-103-051	K	
753-181-020	1DMAB008		052	1DMAB008	641-000	UNIT	04-103-052	K	
753-181-021	GRD		053	GRD	641-000	UNIT	04-103-053	K	
753-181-022	11NTB000		054	11NTB000	641-000	UNIT	04-103-054	K	
753-181-023	11NTB020		055	11NTB020	641-000	UNIT	04-103-055	K	
753-181-024	GRD		056	GRD	641-000	UNIT	04-103-056	K	

AP FIG 22 CAD 008

I/O MICROPROCESSOR INTERFACE, 10M1-B COMMUNITY 1

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----J1				545-104	JACK/UNIT	(MSC2)-----			
453-174-000	GRD		000		GRD	541-000	UNIT	04-104-000	K
	NC		001						
	NC		002						
453-174-003	GRD		003		GRD	541-000	UNIT	04-104-003	K
453-174-004	GRD		004		GRD	541-000	UNIT	04-104-004	K
453-174-005	GRD		005		GRD	541-000	UNIT	04-104-005	K
453-174-006	00DLB10		006	00DLB10	541-000	UNIT	04-104-006	K	
453-174-007	0ERB100		007	0ERB100	541-000	UNIT	04-104-007	K	
453-174-008	0ERB110		008	0ERB110	541-000	UNIT	04-104-008	K	
453-174-009	0ERB120		009	0ERB120	541-000	UNIT	04-104-009	K	
453-174-010	0ERB130		010	0ERB130	541-000	UNIT	04-104-010	K	
453-174-011	GRD		011	GRD	541-000	UNIT	04-104-011	K	

(CONT'D)

I/O MICROPROCESSOR INTERFACE, IBM-8 COMMUNITY 1

-----TO CONNECTION-----			-----FROM CONNECTION-----						
<u>DESTINATION</u>	<u>LEAD DESIG</u>	<u>METHOD</u>	<u>WIRE SYM</u>	<u>TERMINAL</u>	<u>LEAD DESIG</u>	<u>TERMINATION</u>	<u>TERMINAL</u>	<u>OPT</u>	<u>NOTE</u>
.....J1				645-104	JACK/UNIT	(MSCU2)	.....		
753-086-000	GRD		000		GRD	641-000	UNIT	04-104-000	S
	NC		001						
	NC		002						
753-086-003	GRD		003		GRD	641-000	UNIT	04-104-003	S
753-086-004	GRD		004		GRD	641-000	UNIT	04-104-004	S
753-086-005	GRD		005		GRD	641-000	UNIT	04-104-005	S
753-086-006	100LB10		006		100LB10	641-000	UNIT	04-104-006	S
753-086-007	1ERB100		007		1ERB100	641-000	UNIT	04-104-007	S

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOT
.....J1				645-104 JACK/UNIT (MSCU2).....					
753-086-008	1ERB110		008	1ERB110	641-000	UNIT	04-104-008	S	
753-086-009	1ERB120		009	1ERB120	641-000	UNIT	04-104-009	S	
753-086-010	1ERB130		010	1ERB130	641-000	UNIT	04-104-010	S	
753-086-011	GRD		011	GRD	641-000	UNIT	04-104-011	S	
.....J1				645-105 JACK/UNIT (MSCU2).....					
753-087-000	GRD		000	GRD	641-000	UNIT	04-105-000	S	
	NC		001						
	NC		002						
753-087-003	1PCSLB10		003	1PCSLB10	641-000	UNIT	04-105-003	S	
753-087-004	1PCSLB11		004	1PCSLB11	641-000	UNIT	04-105-004	S	
753-087-005	1PCSLB12		005	1PCSLB12	641-000	UNIT	04-105-005	S	
753-087-006	1PCSLB13		006	1PCSLB13	641-000	UNIT	04-105-006	S	
753-087-007	GRD		007	GRD	641-000	UNIT	04-105-007	S	
753-087-008	GRD		008	GRD	641-000	UNIT	04-105-008	S	
753-087-009	GRD		009	GRD	641-000	UNIT	04-105-009	S	
753-087-010	GRD		010	GRD	641-000	UNIT	04-105-010	S	
753-087-011	GRD		011	GRD	641-000	UNIT	04-105-011	S	
.....J2				645-104 JACK/UNIT (MSCU2).....					
753-086-013	GRD		013	GRD	641-000	UNIT	04-104-013	S	
	NC		014						
	NC		015						
753-086-016	1CSAB100		016	1CSAB100	641-000	UNIT	04-104-016	S	
753-086-017	1CSAB101		017	1CSAB101	641-000	UNIT	04-104-017	S	
753-086-018	1CSAB120		018	1CSAB120	641-000	UNIT	04-104-018	S	
753-086-019	1CSAB130		019	1CSAB130	641-000	UNIT	04-104-019	S	
753-086-020	1CLRPCB1		020	1CLRPCB1	641-000	UNIT	04-104-020	S	
753-086-021	1SISLB81		021	1SISLB81	641-000	UNIT	04-104-021	S	
753-086-022	1SRB110		022	1SRB110	641-000	UNIT	04-104-022	S	
753-086-023	1SRB130		023	1SRB130	641-000	UNIT	04-104-023	S	
753-086-024	GRD		024	GRD	641-000	UNIT	04-104-024	S	
.....J2				645-105 JACK/UNIT (MSCU2).....					
753-087-013	GRD		013	GRD	641-000	UNIT	04-105-013	S	
	NC		014						
	NC		015						
753-087-016	1DMAWRB1		016	1DMAWRB1	641-000	UNIT	04-105-016	S	
753-087-017	1DMAORB1		017	1DMAORB1	641-000	UNIT	04-105-017	S	
753-087-018	1DMAOCB1		018	1DMAOCB1	641-000	UNIT	04-105-018	S	
753-087-019	1DMAORB1		019	1DMAORB1	641-000	UNIT	04-105-019	S	
753-087-020	1CNTB10		020	1CNTB10	641-000	UNIT	04-105-020	S	
753-087-021	1RISLB81		021	1RISLB81	641-000	UNIT	04-105-021	S	
753-087-022	1SRB100		022	1SRB100	641-000	UNIT	04-105-022	S	
753-087-023	1SRB120		023	1SRB120	641-000	UNIT	04-105-023	S	
753-087-024	GRD		024	GRD	641-000	UNIT	04-105-024	S	
.....J3				645-104 JACK/UNIT (MSCU2).....					
753-092-000	GRD		032	GRD	641-000	UNIT	04-104-032	S	
	NC		033						
	NC		034						
753-092-003	1DMAB101		035	1DMAB101	641-000	UNIT	04-104-035	S	
753-092-004	1DMAB103		036	1DMAB103	641-000	UNIT	04-104-036	S	
753-092-005	1DMAB105		037	1DMAB105	641-000	UNIT	04-104-037	S	
753-092-006	1DMAB107		038	1DMAB107	641-000	UNIT	04-104-038	S	
753-092-007	1DMAB109		039	1DMAB109	641-000	UNIT	04-104-039	S	
753-092-008	1DMAB111		040	1DMAB111	641-000	UNIT	04-104-040	S	
753-092-009	1DMAB113		041	1DMAB113	641-000	UNIT	04-104-041	S	
753-092-010	1DMAB115		042	1DMAB115	641-000	UNIT	04-104-042	S	
753-092-011	GRD		043	GRD	641-000	UNIT	04-104-043	S	
.....J3				645-105 JACK/UNIT (MSCU2).....					
753-093-000	GRD		032	GRD	641-000	UNIT	04-105-032	S	
	NC		033						
	NC		034						
753-093-003	1DMAB100		035	1DMAB100	641-000	UNIT	04-105-035	S	
753-093-004	1DMAB102		036	1DMAB102	641-000	UNIT	04-105-036	S	
753-093-005	1DMAB104		037	1DMAB104	641-000	UNIT	04-105-037	S	
753-093-006	1DMAB106		038	1DMAB106	641-000	UNIT	04-105-038	S	
753-093-007	1DMAB108		039	1DMAB108	641-000	UNIT	04-105-039	S	
753-093-008	1DMAB110		040	1DMAB110	641-000	UNIT	04-105-040	S	
753-093-009	1DMAB112		041	1DMAB112	641-000	UNIT	04-105-041	S	
753-093-010	1DMAB114		042	1DMAB114	641-000	UNIT	04-105-042	S	
753-093-011	GRD		043	GRD	641-000	UNIT	04-105-043	S	

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----J4			645-104		JACK/UNIT (MSCU2)-----				
753-092-013	GRD		045		GRD	641-000 UNIT	04-104-045	S	
	NC		046						
	NC		047						
753-092-016	1DMADB11		048		1DMADB11	641-000 UNIT	04-104-048	S	
753-092-017	1DMADB13		049		1DMADB13	641-000 UNIT	04-104-049	S	
753-092-018	1DMADB15		050		1DMADB15	641-000 UNIT	04-104-050	S	
753-092-019	1DMADB17		051		1DMADB17	641-000 UNIT	04-104-051	S	
753-092-020	GRD		052		GRD	641-000 UNIT	04-104-052	S	
753-092-021	GRD		053		GRD	641-000 UNIT	04-104-053	S	
753-092-022	11NTB110		054		11NTB110	641-000 UNIT	04-104-054	S	
753-092-023	11NTB130		055		11NTB130	641-000 UNIT	04-104-055	S	
753-092-024	GRD		056		GRD	641-000 UNIT	04-104-056	S	
-----J4			645-105		JACK/UNIT (MSCU2)-----				
753-093-013	GRD		045		GRD	641-000 UNIT	04-105-045	S	
	NC		046						
	NC		047						
753-093-016	1DMADB10		048		1DMADB10	641-000 UNIT	04-105-048	S	
753-093-017	1DMADB12		049		1DMADB12	641-000 UNIT	04-105-049	S	
753-093-018	1DMADB14		050		1DMADB14	641-000 UNIT	04-105-050	S	
753-093-019	1DMADB16		051		1DMADB16	641-000 UNIT	04-105-051	S	
753-093-020	1DMADB18		052		1DMADB18	641-000 UNIT	04-105-052	S	
753-093-021	GRD		053		GRD	641-000 UNIT	04-105-053	S	
753-093-022	11NTB100		054		11NTB100	641-000 UNIT	04-105-054	S	
753-093-023	11NTB120		055		11NTB120	641-000 UNIT	04-105-055	S	
753-093-024	GRD		056		GRD	641-000 UNIT	04-105-056	S	

I/O MICROPROCESSOR INTERFACE, IOMI-3 COMMUNITY 2

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				545-112	JACK/UNIT	(MSCU2).....			
353-086-000	GRD		000		GRD	541-000	UNIT	04-112-000	P
	NC		001						
	NC		002						
353-086-003	GRD		003		GRD	541-000	UNIT	04-112-003	P
353-086-004	GRD		004		GRD	541-000	UNIT	04-112-004	P
353-086-005	GRD		005		GRD	541-000	UNIT	04-112-005	P
353-086-006	00DLB20		006		00DLB20	541-000	UNIT	04-112-006	P
353-086-007	0ERB200		007		0ERB200	541-000	UNIT	04-112-007	P
353-086-008	0ERB210		008		0ERB210	541-000	UNIT	04-112-008	P
353-086-009	0ERB220		009		0ERB220	541-000	UNIT	04-112-009	P
353-086-010	0ERB230		010		0ERB230	541-000	UNIT	04-112-010	P
353-086-011	GRD		011		GRD	541-000	UNIT	04-112-011	P

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AP FIG 18 CAD 010

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J1				545-113	JACK/UNIT (MSCU2)		
353-087-000	GRD			000	GRD	541-000	UNIT 04-113-000
353-087-001	NC			001			
353-087-002	NC			002			
353-087-003	OPCSLB20			003	OPCSLB20	541-000	UNIT 04-113-003
353-087-004	OPCSLB21			004	OPCSLB21	541-000	UNIT 04-113-004
353-087-005	OPCSLB22			005	OPCSLB22	541-000	UNIT 04-113-005
353-087-006	OPCSLB23			006	OPCSLB23	541-000	UNIT 04-113-006
353-087-007	GRD			007	GRD	541-000	UNIT 04-113-007
353-087-008	GRD			008	GRD	541-000	UNIT 04-113-008
353-087-009	GRD			009	GRD	541-000	UNIT 04-113-009
353-087-010	GRD			010	GRD	541-000	UNIT 04-113-010
353-087-011	GRD			011	GRD	541-000	UNIT 04-113-011
J2				545-112	JACK/UNIT (MSCU2)		
353-086-013	GRD			013	GRD	541-000	UNIT 04-112-013
353-086-014	NC			014			
353-086-015	NC			015			
353-086-016	OCASB200			016	OCASB200	541-000	UNIT 04-112-016
353-086-017	OCASB210			017	OCASB210	541-000	UNIT 04-112-017
353-086-018	OCASB220			018	OCASB220	541-000	UNIT 04-112-018
353-086-019	OCASB230			019	OCASB230	541-000	UNIT 04-112-019
353-086-020	OCIRPCB2			020	OCIRPCB2	541-000	UNIT 04-112-020
353-086-021	OSISLB22			021	OSISLB22	541-000	UNIT 04-112-021
353-086-022	OSRB210			022	OSRB210	541-000	UNIT 04-112-022
353-086-023	OSRB230			023	OSRB230	541-000	UNIT 04-112-023
353-086-024	GRD			024	GRD	541-000	UNIT 04-112-024
J2				545-113	JACK/UNIT (MSCU2)		
353-087-013	GRD			013	GRD	541-000	UNIT 04-113-013
353-087-014	NC			014			
353-087-015	NC			015			
353-087-016	ODMAH20			016	ODMAH20	541-000	UNIT 04-113-016
353-087-017	ODMAH21			017	ODMAH21	541-000	UNIT 04-113-017
353-087-018	ODMAH22			018	ODMAH22	541-000	UNIT 04-113-018
353-087-019	ODMAH23			019	ODMAH23	541-000	UNIT 04-113-019
353-087-020	ODINTB20			020	ODINTB20	541-000	UNIT 04-113-020
353-087-021	ODINTB21			021	ODINTB21	541-000	UNIT 04-113-021
353-087-022	OSRB200			022	OSRB200	541-000	UNIT 04-113-022
353-087-023	OSRB220			023	OSRB220	541-000	UNIT 04-113-023
353-087-024	GRD			024	GRD	541-000	UNIT 04-113-024
J3				545-112	JACK/UNIT (MSCU2)		
353-092-000	GRD			032	GRD	541-000	UNIT 04-112-032
353-092-001	NC			033			
353-092-002	NC			034			
353-092-003	ODMAB201			035	ODMAB201	541-000	UNIT 04-112-035
353-092-004	ODMAB203			036	ODMAB203	541-000	UNIT 04-112-036
353-092-005	ODMAB205			037	ODMAB205	541-000	UNIT 04-112-037
353-092-006	ODMAB207			038	ODMAB207	541-000	UNIT 04-112-038
353-092-007	ODMAB209			039	ODMAB209	541-000	UNIT 04-112-039
353-092-008	ODMAB211			040	ODMAB211	541-000	UNIT 04-112-040
353-092-009	ODMAB213			041	ODMAB213	541-000	UNIT 04-112-041
353-092-010	ODMAB215			042	ODMAB215	541-000	UNIT 04-112-042
353-092-011	GRD			043	GRD	541-000	UNIT 04-112-043
J3				545-113	JACK/UNIT (MSCU2)		
353-093-000	GRD			032	GRD	541-000	UNIT 04-113-032
353-093-001	NC			033			
353-093-002	NC			034			
353-093-003	ODMAB200			035	ODMAB200	541-000	UNIT 04-113-035
353-093-004	ODMAB202			036	ODMAB202	541-000	UNIT 04-113-036
353-093-005	ODMAB204			037	ODMAB204	541-000	UNIT 04-113-037
353-093-006	ODMAB206			038	ODMAB206	541-000	UNIT 04-113-038
353-093-007	ODMAB208			039	ODMAB208	541-000	UNIT 04-113-039
353-093-008	ODMAB210			040	ODMAB210	541-000	UNIT 04-113-040
353-093-009	ODMAB212			041	ODMAB212	541-000	UNIT 04-113-041
353-093-010	ODMAB214			042	ODMAB214	541-000	UNIT 04-113-042
353-093-011	GRD			043	GRD	541-000	UNIT 04-113-043
J4				545-112	JACK/UNIT (MSCU2)		
353-092-013	GRD			045	GRD	541-000	UNIT 04-112-045
353-092-014	NC			046			
353-092-015	NC			047			
353-092-016	ODMAB200			048	ODMAB200	541-000	UNIT 04-112-048
353-092-017	ODMAB202			049	ODMAB202	541-000	UNIT 04-112-049
353-092-018	ODMAB204			050	ODMAB204	541-000	UNIT 04-112-050
353-092-019	ODMAB206			051	ODMAB206	541-000	UNIT 04-112-051
353-092-020	ODMAB208			052	ODMAB208	541-000	UNIT 04-112-052
353-092-021	GRD			053	GRD	541-000	UNIT 04-112-053
353-092-022	ODINTB200			054	ODINTB200	541-000	UNIT 04-112-054
353-092-023	ODINTB220			055	ODINTB220	541-000	UNIT 04-112-055
353-092-024	GRD			056	GRD	541-000	UNIT 04-112-056

AP FIG 18 CAD 010

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J4				545-112	JACK/UNIT (MSCU2)		
353-092-018	ODMAB25			050	ODMAB25	541-000	UNIT 04-112-050
353-092-019	ODMAB27			051	ODMAB27	541-000	UNIT 04-112-051
353-092-020	GRD			052	GRD	541-000	UNIT 04-112-052
353-092-021	GRD			053	GRD	541-000	UNIT 04-112-053
353-092-022	ODINTB210			054	ODINTB210	541-000	UNIT 04-112-054
353-092-023	ODINTB230			055	ODINTB230	541-000	UNIT 04-112-055
353-092-024	GRD			056	GRD	541-000	UNIT 04-112-056
J4				545-113	JACK/UNIT (MSCU2)		
353-093-013	GRD			045	GRD	541-000	UNIT 04-113-045
353-093-014	NC			046			
353-093-015	NC			047			
353-093-016	ODMAB200			048	ODMAB200	541-000	UNIT 04-113-048
353-093-017	ODMAB202			049	ODMAB202	541-000	UNIT 04-113-049
353-093-018	ODMAB204			050	ODMAB204	541-000	UNIT 04-113-050
353-093-019	ODMAB206			051	ODMAB206	541-000	UNIT 04-113-051
353-093-020	ODMAB208			052	ODMAB208	541-000	UNIT 04-113-052
353-093-021	GRD			053	GRD	541-000	UNIT 04-113-053
353-093-022	ODINTB200			054	ODINTB200	541-000	UNIT 04-113-054
353-093-023	ODINTB220			055	ODINTB220	541-000	UNIT 04-113-055
353-093-024	GRD			056	GRD	541-000	UNIT 04-113-056
J1				645-112	JACK/UNIT (MSCU2)		
853-174-000	GRD			000	GRD	641-000	UNIT 04-112-000
853-174-001	NC			001			
853-174-002	NC			002			
853-174-003	GRD			003	GRD	641-000	UNIT 04-112-003
853-174-004	GRD			004	GRD	641-000	UNIT 04-112-004
853-174-005	GRD			005	GRD	641-000	UNIT 04-112-005
853-174-006	100LB20			006	100LB20	641-000	UNIT 04-112-006
853-174-007	1ERB200			007	1ERB200	641-000	UNIT 04-112-007
853-174-008	1ERB210			008	1ERB210	641-000	UNIT 04-112-008
853-174-009	1ERB220			009	1ERB220	641-000	UNIT 04-112-009
853-174-010	1ERB230			010	1ERB230	641-000	UNIT 04-112-010
853-174-011	GRD			011	GRD	641-000	UNIT 04-112-011
J1				645-113	JACK/UNIT (MSCU2)		
853-175-000	GRD			000	GRD	641-000	UNIT 04-113-000
853-175-001	NC			001			
853-175-002	NC			002			
853-175-003	1PCSLB20			003	1PCSLB20	641-000	UNIT 04-113-003
853-175-004	1PCSLB21			004	1PCSLB21	641-000	UNIT 04-113-004
853-175-005	1PCSLB22			005	1PCSLB22	641-000	UNIT 04-113-005
853-175-006	1PCSLB23			006	1PCSLB23	641-000	UNIT 04-113-006
853-175-007	GRD			007	GRD	641-000	UNIT 04-113-007
853-175-008	GRD			008	GRD	641-000	UNIT 04-113-008
853-175-009	GRD			009	GRD	641-000	UNIT 04-113-009
853-175-010	GRD			010	GRD	641-000	UNIT 04-113-010
853-175-011	GRD			011	GRD	641-000	UNIT 04-113-011
J2				645-112	JACK/UNIT (MSCU2)		
853-174-013	GRD			013	GRD	641-000	UNIT 04-112-013
853-174-014	NC			014			
853-174-015	NC			015			
853-174-016	1CSAB200			016	1CSAB200	641-000	UNIT 04-112-016
853-174-017	1CSAB210			017	1CSAB210	641-000	UNIT 04-112-017
853-174-018	1CSAB220			018	1CSAB220	641-000	UNIT 04-112-018
853-174-019	1CSAB230			019	1CSAB230	641-000	UNIT 04-112-019
853-174-020	1CLRPCB2			020	1CLRPCB2	641-000	UNIT 04-112-020
853-174-021	1SISLB22			021	1SISLB22	641-000	UNIT 04-112-021
853-174-022	1SRB210			022	1SRB210	641-000	UNIT 04-112-022
853-174-023	1SRB230			023	1SRB230	641-000	UNIT 04-112-023
853-174-024	GRD			024	GRD	641-000	UNIT 04-112-024

AP FIG 22 CAD 011

I/O MICROPROCESSOR INTERFACE, 10M-B COMMUNITY 2

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----J2				645-113	JACK/UNIT	(MSCU2)-----			
853-175-013	GRD			013	GRD	641-000 UNIT	04-113-013	J	
	NC			014					
	NC			015					
853-175-016	1DMAH22			016	1DMAH22	641-000 UNIT	04-113-016	J	
853-175-017	1DMAR22			017	1DMAR22	641-000 UNIT	04-113-017	J	
853-175-018	1DMAC22			018	1DMAC22	641-000 UNIT	04-113-018	J	
853-175-019	1DMAR22			019	1DMAR22	641-000 UNIT	04-113-019	J	
853-175-020	1CINT20			020	1CINT20	641-000 UNIT	04-113-020	J	
853-175-021	1RISL82			021	1RISL82	641-000 UNIT	04-113-021	J	
853-175-022	1SRB200			022	1SRB200	641-000 UNIT	04-113-022	J	
853-175-023	1SRB220			023	1SRB220	641-000 UNIT	04-113-023	J	
853-175-024	GRD			024	GRD	641-000 UNIT	04-113-024	J	
-----J3				645-112	JACK/UNIT	(MSCU2)-----			
853-180-000	GRD			032	GRD	641-000 UNIT	04-112-032	J	
	NC			033					
	NC			034					
853-180-003	1DMAB201			035	1DMAB201	641-000 UNIT	04-112-035	J	
853-180-004	1DMAB203			036	1DMAB203	641-000 UNIT	04-112-036	J	
853-180-005	1DMAB205			037	1DMAB205	641-000 UNIT	04-112-037	J	
853-180-006	1DMAB207			038	1DMAB207	641-000 UNIT	04-112-038	J	
853-180-007	1DMAB209			039	1DMAB209	641-000 UNIT	04-112-039	J	
853-180-008	1DMAB211			040	1DMAB211	641-000 UNIT	04-112-040	J	
853-180-009	1DMAB213			041	1DMAB213	641-000 UNIT	04-112-041	J	
853-180-010	1DMAB215			042	1DMAB215	641-000 UNIT	04-112-042	J	
853-180-011	GRD			043	GRD	641-000 UNIT	04-112-043	J	
-----J3				645-113	JACK/UNIT	(MSCU2)-----			
853-181-000	GRD			032	GRD	641-000 UNIT	04-113-032	J	
	NC			033					
	NC			034					
853-181-003	1DMAB200			035	1DMAB200	641-000 UNIT	04-113-035	J	
853-181-004	1DMAB202			036	1DMAB202	641-000 UNIT	04-113-036	J	
853-181-005	1DMAB204			037	1DMAB204	641-000 UNIT	04-113-037	J	
853-181-006	1DMAB206			038	1DMAB206	641-000 UNIT	04-113-038	J	
853-181-007	1DMAB208			039	1DMAB208	641-000 UNIT	04-113-039	J	
853-181-008	1DMAB210			040	1DMAB210	641-000 UNIT	04-113-040	J	
853-181-009	1DMAB212			041	1DMAB212	641-000 UNIT	04-113-041	J	
853-181-010	1DMAB214			042	1DMAB214	641-000 UNIT	04-113-042	J	
853-181-011	GRD			043	GRD	641-000 UNIT	04-113-043	J	
-----J4				645-112	JACK/UNIT	(MSCU2)-----			
853-180-013	GRD			045	GRD	641-000 UNIT	04-112-045	J	
	NC			046					
	NC			047					
853-180-016	1DMAB221			048	1DMAB221	641-000 UNIT	04-112-048	J	
853-180-017	1DMAB223			049	1DMAB223	641-000 UNIT	04-112-049	J	
853-180-018	1DMAB225			050	1DMAB225	641-000 UNIT	04-112-050	J	
853-180-019	1DMAB227			051	1DMAB227	641-000 UNIT	04-112-051	J	
853-180-020	GRD			052	GRD	641-000 UNIT	04-112-052	J	
853-180-021	GRD			053	GRD	641-000 UNIT	04-112-053	J	
853-180-022	1INTB210			054	1INTB210	641-000 UNIT	04-112-054	J	
853-180-023	1INTB230			055	1INTB230	641-000 UNIT	04-112-055	J	
853-180-024	GRD			056	GRD	641-000 UNIT	04-112-056	J	

AP FIG 22 CAD 011

(CONT'D)

A

TO CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

FROM CONNECTION

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J4

645-113

JACK/UNIT (MSCU2).....

853-181-013

GRD

045

GRD

641-000

UNIT

04-113-045

J

NC

046

NC

047

853-181-016

10MADB20

048

10MADB20

641-000

UNIT

04-113-048

J

853-181-017

10MADB22

049

10MADB22

641-000

UNIT

04-113-049

J

853-181-018

10MADB24

050

10MADB24

641-000

UNIT

04-113-050

J

853-181-019

10MADB26

051

10MADB26

641-000

UNIT

04-113-051

J

853-181-020

10MADB28

052

10MADB28

641-000

UNIT

04-113-052

J

853-181-021

GRD

053

GRD

641-000

UNIT

04-113-053

J

853-181-022

11NTB200

054

11NTB200

641-000

UNIT

04-113-054

J

853-181-023

11NTB220

055

11NTB220

641-000

UNIT

04-113-055

J

853-181-024

GRD

056

GRD

641-000

UNIT

04-113-056

J

AP FIG 22 CAD 012

I/O MICROPROCESSOR INTERFACE, IOMI-B COMMUNITY 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1									
353-174-000	GRD			000	GRD	541-000 UNIT	04-114-000	J	
	NC			001					
	NC			002					
353-174-003	GRD			003	GRD	541-000 UNIT	04-114-003	J	
353-174-004	GRD			004	GRD	541-000 UNIT	04-114-004	J	
353-174-005	GRD			005	GRD	541-000 UNIT	04-114-005	J	
353-174-006	000LB30			006	000LB30	541-000 UNIT	04-114-006	J	
353-174-007	00RB300			007	00RB300	541-000 UNIT	04-114-007	J	
353-174-008	00RB310			008	00RB310	541-000 UNIT	04-114-008	J	
353-174-009	00RB320			009	00RB320	541-000 UNIT	04-114-009	J	
353-174-010	00RB330			010	00RB330	541-000 UNIT	04-114-010	J	
353-174-011	GRD			011	GRD	541-000 UNIT	04-114-011	J	
.....J1									
353-175-000	GRD			000	GRD	541-000 UNIT	04-115-000	J	
	NC			001					
	NC			002					
353-175-003	0PCSLB30			003	0PCSLB30	541-000 UNIT	04-115-003	J	
353-175-004	0PCSLB31			004	0PCSLB31	541-000 UNIT	04-115-004	J	
353-175-005	0PCSLB32			005	0PCSLB32	541-000 UNIT	04-115-005	J	
353-175-006	0PCSLB33			006	0PCSLB33	541-000 UNIT	04-115-006	J	
353-175-007	GRD			007	GRD	541-000 UNIT	04-115-007	J	
353-175-008	GRD			008	GRD	541-000 UNIT	04-115-008	J	
353-175-009	GRD			009	GRD	541-000 UNIT	04-115-009	J	
353-175-010	GRD			010	GRD	541-000 UNIT	04-115-010	J	
353-175-011	GRD			011	GRD	541-000 UNIT	04-115-011	J	
.....J2									
353-174-013	GRD			013	GRD	541-000 UNIT	04-114-013	J	
	NC			014					
	NC			015					
353-174-016	0CSAB300			016	0CSAB300	541-000 UNIT	04-114-016	J	
353-174-017	0CSAB310			017	0CSAB310	541-000 UNIT	04-114-017	J	
353-174-018	0CSAB320			018	0CSAB320	541-000 UNIT	04-114-018	J	
353-174-019	0CSAB330			019	0CSAB330	541-000 UNIT	04-114-019	J	
353-174-020	0CLRPCB3			020	0CLRPCB3	541-000 UNIT	04-114-020	J	
353-174-021	0SLSLB33			021	0SLSLB33	541-000 UNIT	04-114-021	J	
353-174-022	0SRB310			022	0SRB310	541-000 UNIT	04-114-022	J	
353-174-023	0SRB320			023	0SRB320	541-000 UNIT	04-114-023	J	
353-174-024	GRD			024	GRD	541-000 UNIT	04-114-024	J	
.....J2									
353-175-013	GRD			013	GRD	541-000 UNIT	04-115-013	J	
	NC			014					
	NC			015					
353-175-016	0DMAH8B3			016	0DMAH8B3	541-000 UNIT	04-115-016	J	
353-175-017	0DMAH8B3			017	0DMAH8B3	541-000 UNIT	04-115-017	J	
353-175-018	0DMAH8B3			018	0DMAH8B3	541-000 UNIT	04-115-018	J	
353-175-019	0DMAH8B3			019	0DMAH8B3	541-000 UNIT	04-115-019	J	
353-175-020	0CINTB30			020	0CINTB30	541-000 UNIT	04-115-020	J	

AP FIG 22 CAD 012

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J2				545-115 (CONT'D)	JACK/UNIT	(MSCU2)			
353-175-021	0R1SL8B3			021	0R1SL8B3	541-000 UNIT	04-115-021	J	
353-175-022	0SRB300			022	0SRB300	541-000 UNIT	04-115-022	J	
353-175-023	0SRB320			023	0SRB320	541-000 UNIT	04-115-023	J	
353-175-024	GRD			024	GRD	541-000 UNIT	04-115-024	J	
.....J3				545-114	JACK/UNIT	(MSCU2)			
353-180-000	GRD			032	GRD	541-000 UNIT	04-114-032	J	
	NC			033					
	NC			034					
353-180-003	0DMAB301			035	0DMAB301	541-000 UNIT	04-114-035	J	
353-180-004	0DMAB303			036	0DMAB303	541-000 UNIT	04-114-036	J	
353-180-005	0DMAB305			037	0DMAB305	541-000 UNIT	04-114-037	J	
353-180-006	0DMAB307			038	0DMAB307	541-000 UNIT	04-114-038	J	
353-180-007	0DMAB309			039	0DMAB309	541-000 UNIT	04-114-039	J	
353-180-008	0DMAB311			040	0DMAB311	541-000 UNIT	04-114-040	J	
353-180-009	0DMAB313			041	0DMAB313	541-000 UNIT	04-114-041	J	
353-180-010	0DMAB315			042	0DMAB315	541-000 UNIT	04-114-042	J	
353-180-011	GRD			043	GRD	541-000 UNIT	04-114-043	J	
.....J3				545-115	JACK/UNIT	(MSCU2)			
353-181-000	GRD			032	GRD	541-000 UNIT	04-115-032	J	
	NC			033					
	NC			034					
353-181-003	0DMAB300			035	0DMAB300	541-000 UNIT	04-115-035	J	
353-181-004	0DMAB302			036	0DMAB302	541-000 UNIT	04-115-036	J	
353-181-005	0DMAB304			037	0DMAB304	541-000 UNIT	04-115-037	J	
353-181-006	0DMAB306			038	0DMAB306	541-000 UNIT	04-115-038	J	
353-181-007	0DMAB308			039	0DMAB308	541-000 UNIT	04-115-039	J	
353-181-008	0DMAB310			040	0DMAB310	541-000 UNIT	04-115-040	J	
353-181-009	0DMAB312			041	0DMAB312	541-000 UNIT	04-115-041	J	
353-181-010	0DMAB314			042	0DMAB314	541-000 UNIT	04-115-042	J	
353-181-011	GRD			043	GRD	541-000 UNIT	04-115-043	J	
.....J4				545-114	JACK/UNIT	(MSCU2)			
353-180-013	GRD			045	GRD	541-000 UNIT	04-114-045	J	
	NC			046					
	NC			047					
353-180-016	0DMAD831			048	0DMAD831	541-000 UNIT	04-114-048	J	
353-180-017	0DMAD833			049	0DMAD833	541-000 UNIT	04-114-049	J	
353-180-018	0DMAD835			050	0DMAD835	541-000 UNIT	04-114-050	J	
353-180-019	0DMAD837			051	0DMAD837	541-000 UNIT	04-114-051	J	
353-180-020	GRD			052	GRD	541-000 UNIT	04-114-052	J	
353-180-021	GRD			053	GRD	541-000 UNIT	04-114-053	J	
353-180-022	0INTB310			054	0INTB310	541-000 UNIT	04-114-054	J	
353-180-023	0INTB330			055	0INTB330	541-000 UNIT	04-114-055	J	
353-180-024	GRD			056	GRD	541-000 UNIT	04-114-056	J	
.....J4				545-115	JACK/UNIT	(MSCU2)			
353-181-013	GRD			045	GRD	541-000 UNIT	04-115-045	J	
	NC			046					
	NC			047					
353-181-016	0DMAD830			048	0DMAD830	541-000 UNIT	04-115-048	J	
353-181-017	0DMAD832			049	0DMAD832	541-000 UNIT	04-115-049	J	
353-181-018	0DMAD834			050	0DMAD834	541-000 UNIT	04-115-050	J	
353-181-019	0DMAD836			051	0DMAD836	541-000 UNIT	04-115-051	J	
353-181-020	0DMAD838			052	0DMAD838	541-000 UNIT	04-115-052	J	
353-181-021	GRD			053	GRD	541-000 UNIT	04-115-053	J	
353-181-022	0INTB300			054	0INTB300	541-000 UNIT	04-115-054	J	
353-181-023	0INTB320			055	0INTB320	541-000 UNIT	04-115-055	J	
353-181-024	GRD			056	GRD	541-000 UNIT	04-115-056	J	

AP FIG 18 CAD 013

I/O MICROPROCESSOR INTERFACE, IOMI-B COMMUNITY 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1									
				645-114	JACK/UNIT (MSCU2).....				
853-086-000	GRD			000	GRD	641-000 UNIT	04-114-000	P	
	NC			001					
	NC			002					
853-086-003	GRD			003	GRD	641-000 UNIT	04-114-003	P	
853-086-004	GRD			004	GRD	641-000 UNIT	04-114-004	P	
853-086-005	GRD			005	GRD	641-000 UNIT	04-114-005	P	
853-086-006	100LB30			006	100LB30	641-000 UNIT	04-114-006	P	
853-086-007	10RB300			007	10RB300	641-000 UNIT	04-114-007	P	
853-086-008	10RB310			008	10RB310	641-000 UNIT	04-114-008	P	
853-086-009	10RB320			009	10RB320	641-000 UNIT	04-114-009	P	
853-086-010	10RB330			010	10RB330	641-000 UNIT	04-114-010	P	
853-086-011	GRD			011	GRD	641-000 UNIT	04-114-011	P	
				645-115	JACK/UNIT (MSCU2).....				
				645-115	JACK/UNIT (MSCU2).....				
853-087-000	GRD			000	GRD	641-000 UNIT	04-115-000	P	
	NC			001					
	NC			002					
853-087-003	1PCSLB30			003	1PCSLB30	641-000 UNIT	04-115-003	P	
853-087-004	1PCSLB31			004	1PCSLB31	641-000 UNIT	04-115-004	P	
853-087-005	1PCSLB32			005	1PCSLB32	641-000 UNIT	04-115-005	P	
853-087-006	1PCSLB33			006	1PCSLB33	641-000 UNIT	04-115-006	P	
853-087-007	GRD			007	GRD	641-000 UNIT	04-115-007	P	
853-087-008	GRD			008	GRD	641-000 UNIT	04-115-008	P	
853-087-009	GRD			009	GRD	641-000 UNIT	04-115-009	P	
853-087-010	GRD			010	GRD	641-000 UNIT	04-115-010	P	
853-087-011	GRD			011	GRD	641-000 UNIT	04-115-011	P	
				645-114	JACK/UNIT (MSCU2).....				
				645-114	JACK/UNIT (MSCU2).....				
853-086-013	GRD			013	GRD	641-000 UNIT	04-114-013	P	
	NC			014					
	NC			015					
853-086-016	1CSAB300			016	1CSAB300	641-000 UNIT	04-114-016	P	
853-086-017	1CSAB310			017	1CSAB310	641-000 UNIT	04-114-017	P	
853-086-018	1CSAB320			018	1CSAB320	641-000 UNIT	04-114-018	P	
853-086-019	1CSAB330			019	1CSAB330	641-000 UNIT	04-114-019	P	
853-086-020	1CLRPB33			020	1CLRPB33	641-000 UNIT	04-114-020	P	
853-086-021	1SLSLB83			021	1SLSLB83	641-000 UNIT	04-114-021	P	
853-086-022	1SRB310			022	1SRB310	641-000 UNIT	04-114-022	P	
853-086-023	1SRB330			023	1SRB330	641-000 UNIT	04-114-023	P	
853-086-024	GRD			024	GRD	641-000 UNIT	04-114-024	P	
				645-115	JACK/UNIT (MSCU2).....				
				645-115	JACK/UNIT (MSCU2).....				
853-087-013	GRD			013	GRD	641-000 UNIT	04-115-013	P	
	NC			014					
	NC			015					
853-087-016	1DMAPB33			016	1DMAPB33	641-000 UNIT	04-115-016	P	
853-087-017	1DMAPB31			017	1DMAPB31	641-000 UNIT	04-115-017	P	
853-087-018	1DMAPB33			018	1DMAPB33	641-000 UNIT	04-115-018	P	
853-087-019	1DMAPB33			019	1DMAPB33	641-000 UNIT	04-115-019	P	
853-087-020	1CINTB30			020	1CINTB30	641-000 UNIT	04-115-020	P	
853-087-021	1RISLB83			021	1RISLB83	641-000 UNIT	04-115-021	P	
853-087-022	1SRB300			022	1SRB300	641-000 UNIT	04-115-022	P	
853-087-023	1SRB320			023	1SRB320	641-000 UNIT	04-115-023	P	
853-087-024	GRD			024	GRD	641-000 UNIT	04-115-024	P	

AP FIG 18 CAD 013
(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
J3											
853-092-000	GRD		032	GRD	641-000	UNIT	04-114-032	P			
	NC		033								
	NC		034								
853-092-003	1DMAB301		035	1DMAB301	641-000	UNIT	04-114-035	P			
853-092-004	1DMAB303		036	1DMAB303	641-000	UNIT	04-114-036	P			
853-092-005	1DMAB305		037	1DMAB305	641-000	UNIT	04-114-037	P			
853-092-006	1DMAB307		038	1DMAB307	641-000	UNIT	04-114-038	P			
853-092-007	1DMAB309		039	1DMAB309	641-000	UNIT	04-114-039	P			
853-092-008	1DMAB311		040	1DMAB311	641-000	UNIT	04-114-040	P			
853-092-009	1DMAB313		041	1DMAB313	641-000	UNIT	04-114-041	P			
853-092-010	1DMAB315		042	1DMAB315	641-000	UNIT	04-114-042	P			
853-092-011	GRD		043	GRD	641-000	UNIT	04-114-043	P			
J3											
853-093-000	GRD		032	GRD	641-000	UNIT	04-115-032	P			
	NC		033								
	NC		034								
853-093-003	1DMAB300		035	1DMAB300	641-000	UNIT	04-115-035	P			
853-093-004	1DMAB302		036	1DMAB302	641-000	UNIT	04-115-036	P			
853-093-005	1DMAB304		037	1DMAB304	641-000	UNIT	04-115-037	P			
853-093-006	1DMAB306		038	1DMAB306	641-000	UNIT	04-115-038	P			
853-093-007	1DMAB308		039	1DMAB308	641-000	UNIT	04-115-039	P			
853-093-008	1DMAB310		040	1DMAB310	641-000	UNIT	04-115-040	P			
853-093-009	1DMAB312		041	1DMAB312	641-000	UNIT	04-115-041	P			
853-093-010	1DMAB314		042	1DMAB314	641-000	UNIT	04-115-042	P			
853-093-011	GRD		043	GRD	641-000	UNIT	04-115-043	P			
J4											
853-092-013	GRD		045	GRD	641-000	UNIT	04-114-045	P			
	NC		046								
	NC		047								
853-092-016	1DMAB331		048	1DMAB331	641-000	UNIT	04-114-048	P			
853-092-017	1DMAB333		049	1DMAB333	641-000	UNIT	04-114-049	P			
853-092-018	1DMAB335		050	1DMAB335	641-000	UNIT	04-114-050	P			
853-092-019	1DMAB337		051	1DMAB337	641-000	UNIT	04-114-051	P			
853-092-020	GRD		052	GRD	641-000	UNIT	04-114-052	P			
853-092-021	GRD		053	GRD	641-000	UNIT	04-114-053	P			
853-092-022	11NTB310		054	11NTB310	641-000	UNIT	04-114-054	P			
853-092-023	11NTB330		055	11NTB330	641-000	UNIT	04-114-055	P			
853-092-024	GRD		056	GRD	641-000	UNIT	04-114-056	P			
J4											
853-093-013	GRD		045	GRD	641-000	UNIT	04-115-045	P			
	NC		046								
	NC		047								
853-093-016	1DMAB330		048	1DMAB330	641-000	UNIT	04-115-048	P			
853-093-017	1DMAB332		049	1DMAB332	641-000	UNIT	04-115-049	P			
853-093-018	1DMAB334		050	1DMAB334	641-000	UNIT	04-115-050	P			
853-093-019	1DMAB336		051	1DMAB336	641-000	UNIT	04-115-051	P			
853-093-020	1DMAB338		052	1DMAB338	641-000	UNIT	04-115-052	P			
853-093-021	GRD		053	GRD	641-000	UNIT	04-115-053	P			
853-093-022	11NTB300		054	11NTB300	641-000	UNIT	04-115-054	P			
853-093-023	11NTB320		055	11NTB320	641-000	UNIT	04-115-055	P			
853-093-024	GRD		056	GRD	641-000	UNIT	04-115-056	P			

AP FIG 17 CAD 014

I/O MICROPROCESSOR INTERFACE, IOMI-C COMMUNITY 2

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
J1											
253-174-000	GRD		000	GRD	541-000	UNIT	04-126-000	R			
	NC		001								
	NC		002								
253-174-003	GRD		003	GRD	541-000	UNIT	04-126-003	R			
253-174-004	GRD		004	GRD	541-000	UNIT	04-126-004	R			
253-174-005	GRD		005	GRD	541-000	UNIT	04-126-005	R			
253-174-006	000LC20		006	000LC20	541-000	UNIT	04-126-006	R			
253-174-007	000RC200		007	000RC200	541-000	UNIT	04-126-007	R			

AP FIG 17 CAD 014
(CONT'D)

TO CONNECTION				FROM CONNECTION					
NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT
-----J1-----									
					545-126 (CONT'D)	JACK/UNIT	(MSCU2)		
	253-174-008	0ERC210		008	0ERC210	541-000	UNIT	04-126-008	R
	253-174-009	0ERC220		009	0ERC220	541-000	UNIT	04-126-009	R
	253-174-010	0ERC230		010	0ERC230	541-000	UNIT	04-126-010	R
	253-174-011	GRD		011	GRD	541-000	UNIT	04-126-011	R
-----J1-----									
	253-175-000	GRD		000	GRD	541-000	UNIT	04-127-000	R
		NC		001					
		NC		002					
	253-175-003	0PCSLC20		003	0PCSLC20	541-000	UNIT	04-127-003	R
	253-175-004	0PCSLC21		004	0PCSLC21	541-000	UNIT	04-127-004	R
	253-175-005	0PCSLC22		005	0PCSLC22	541-000	UNIT	04-127-005	R
	253-175-006	0PCSLC23		006	0PCSLC23	541-000	UNIT	04-127-006	R
	253-175-007	GRD		007	GRD	541-000	UNIT	04-127-007	R
	253-175-008	GRD		008	GRD	541-000	UNIT	04-127-008	R
	253-175-009	GRD		009	GRD	541-000	UNIT	04-127-009	R
	253-175-010	GRD		010	GRD	541-000	UNIT	04-127-010	R
	253-175-011	GRD		011	GRD	541-000	UNIT	04-127-011	R
-----J2-----									
	253-174-013	GRD		013	GRD	541-000	UNIT	04-126-013	R
		NC		014					
		NC		015					
	253-174-016	0CSAC200		016	0CSAC200	541-000	UNIT	04-126-016	R
	253-174-017	0CSAC210		017	0CSAC210	541-000	UNIT	04-126-017	R
	253-174-018	0CSAC220		018	0CSAC220	541-000	UNIT	04-126-018	R
	253-174-019	0CSAC230		019	0CSAC230	541-000	UNIT	04-126-019	R
	253-174-020	0CLRPC22		020	0CLRPC22	541-000	UNIT	04-126-020	R
	253-174-021	0S1SL8C2		021	0S1SL8C2	541-000	UNIT	04-126-021	R
	253-174-022	0SR210		022	0SR210	541-000	UNIT	04-126-022	R
	253-174-023	0SR230		023	0SR230	541-000	UNIT	04-126-023	R
	253-174-024	GRD		024	GRD	541-000	UNIT	04-126-024	R
-----J2-----									
	253-175-013	GRD		013	GRD	541-000	UNIT	04-127-013	R
		NC		014					
		NC		015					
	253-175-016	0DMAR22		016	0DMAR22	541-000	UNIT	04-127-016	R
	253-175-017	0DMAR23		017	0DMAR23	541-000	UNIT	04-127-017	R
	253-175-018	0DMAR24		018	0DMAR24	541-000	UNIT	04-127-018	R
	253-175-019	0DMAR25		019	0DMAR25	541-000	UNIT	04-127-019	R
	253-175-020	0CINT220		020	0CINT220	541-000	UNIT	04-127-020	R
	253-175-021	0R1SL8C2		021	0R1SL8C2	541-000	UNIT	04-127-021	R
	253-175-022	0SR200		022	0SR200	541-000	UNIT	04-127-022	R
	253-175-023	0SR220		023	0SR220	541-000	UNIT	04-127-023	R
	253-175-024	GRD		024	GRD	541-000	UNIT	04-127-024	R
-----J3-----									
	253-180-000	GRD		032	GRD	541-000	UNIT	04-126-032	R
		NC		033					
		NC		034					
	253-180-003	0DMAC201		035	0DMAC201	541-000	UNIT	04-126-035	R
	253-180-004	0DMAC203		036	0DMAC203	541-000	UNIT	04-126-036	R
	253-180-005	0DMAC205		037	0DMAC205	541-000	UNIT	04-126-037	R
	253-180-006	0DMAC207		038	0DMAC207	541-000	UNIT	04-126-038	R
	253-180-007	0DMAC209		039	0DMAC209	541-000	UNIT	04-126-039	R
	253-180-008	0DMAC211		040	0DMAC211	541-000	UNIT	04-126-040	R
	253-180-009	0DMAC213		041	0DMAC213	541-000	UNIT	04-126-041	R
	253-180-010	0DMAC215		042	0DMAC215	541-000	UNIT	04-126-042	R
	253-180-011	GRD		043	GRD	541-000	UNIT	04-126-043	R
-----J3-----									
	253-181-000	GRD		032	GRD	541-000	UNIT	04-127-032	R
		NC		033					
		NC		034					
	253-181-003	0DMAC200		035	0DMAC200	541-000	UNIT	04-127-035	R
	253-181-004	0DMAC202		036	0DMAC202	541-000	UNIT	04-127-036	R
	253-181-005	0DMAC204		037	0DMAC204	541-000	UNIT	04-127-037	R
	253-181-006	0DMAC206		038	0DMAC206	541-000	UNIT	04-127-038	R
	253-181-007	0DMAC208		039	0DMAC208	541-000	UNIT	04-127-039	R
	253-181-008	0DMAC210		040	0DMAC210	541-000	UNIT	04-127-040	R
	253-181-009	0DMAC212		041	0DMAC212	541-000	UNIT	04-127-041	R
	253-181-010	0DMAC214		042	0DMAC214	541-000	UNIT	04-127-042	R
	253-181-011	GRD		043	GRD	541-000	UNIT	04-127-043	R

AP FIG 22 CAD 015

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
J1									
953-087-000	GRD		000	GRD	641-000	UNIT	04-127-000	G	
	NC		001						
	NC		002						
953-087-003	1PCSIC20		003	1PCSIC20	641-000	UNIT	04-127-003	G	
953-087-004	1PCSIC21		004	1PCSIC21	641-000	UNIT	04-127-004	G	
953-087-005	1PCSIC22		005	1PCSIC22	641-000	UNIT	04-127-005	G	
953-087-006	1PCSIC23		006	1PCSIC23	641-000	UNIT	04-127-006	G	
953-087-007	GRD		007	GRD	641-000	UNIT	04-127-007	G	
953-087-008	GRD		008	GRD	641-000	UNIT	04-127-008	G	
953-087-009	GRD		009	GRD	641-000	UNIT	04-127-009	G	
953-087-010	GRD		010	GRD	641-000	UNIT	04-127-010	G	
953-087-011	GRD		011	GRD	641-000	UNIT	04-127-011	G	
J2									
953-086-013	GRD		013	GRD	641-000	UNIT	04-126-013	G	
	NC		014						
	NC		015						
953-086-016	1CSAC200		016	1CSAC200	641-000	UNIT	04-126-016	G	
953-086-017	1CSAC210		017	1CSAC210	641-000	UNIT	04-126-017	G	
953-086-018	1CSAC220		018	1CSAC220	641-000	UNIT	04-126-018	G	
953-086-019	1CSAC230		019	1CSAC230	641-000	UNIT	04-126-019	G	
953-086-020	1CLRPC22		020	1CLRPC22	641-000	UNIT	04-126-020	G	
953-086-021	1SISL&C2		021	1SISL&C2	641-000	UNIT	04-126-021	G	
953-086-022	1SRC210		022	1SRC210	641-000	UNIT	04-126-022	G	
953-086-023	1SRC230		023	1SRC230	641-000	UNIT	04-126-023	G	
953-086-024	GRD		024	GRD	641-000	UNIT	04-126-024	G	
J2									
953-087-013	GRD		013	GRD	641-000	UNIT	04-127-013	G	
	NC		014						
	NC		015						
953-087-016	1DMAHRC2		016	1DMAHRC2	641-000	UNIT	04-127-016	G	
953-087-017	1DMARDC2		017	1DMARDC2	641-000	UNIT	04-127-017	G	
953-087-018	1DMADCC2		018	1DMADCC2	641-000	UNIT	04-127-018	G	
953-087-019	1DMAROC2		019	1DMAROC2	641-000	UNIT	04-127-019	G	
953-087-020	1INTC20		020	1INTC20	641-000	UNIT	04-127-020	G	
953-087-021	1RISL&C2		021	1RISL&C2	641-000	UNIT	04-127-021	G	
953-087-022	1SRC200		022	1SRC200	641-000	UNIT	04-127-022	G	
953-087-023	1SRC220		023	1SRC220	641-000	UNIT	04-127-023	G	
953-087-024	GRD		024	GRD	641-000	UNIT	04-127-024	G	
J3									
953-092-000	GRD		032	GRD	641-000	UNIT	04-126-032	G	
	NC		033						
	NC		034						
953-092-003	1DMAC201		035	1DMAC201	641-000	UNIT	04-126-035	G	
953-092-004	1DMAC203		036	1DMAC203	641-000	UNIT	04-126-036	G	
953-092-005	1DMAC205		037	1DMAC205	641-000	UNIT	04-126-037	G	
953-092-006	1DMAC207		038	1DMAC207	641-000	UNIT	04-126-038	G	
953-092-007	1DMAC209		039	1DMAC209	641-000	UNIT	04-126-039	G	
953-092-008	1DMAC211		040	1DMAC211	641-000	UNIT	04-126-040	G	
953-092-009	1DMAC213		041	1DMAC213	641-000	UNIT	04-126-041	G	
953-092-010	1DMAC215		042	1DMAC215	641-000	UNIT	04-126-042	G	
953-092-011	GRD		043	GRD	641-000	UNIT	04-126-043	G	
J3									
953-093-000	GRD		032	GRD	641-000	UNIT	04-127-032	G	
	NC		033						
	NC		034						
953-093-003	1DMAC200		035	1DMAC200	641-000	UNIT	04-127-035	G	
953-093-004	1DMAC202		036	1DMAC202	641-000	UNIT	04-127-036	G	
953-093-005	1DMAC204		037	1DMAC204	641-000	UNIT	04-127-037	G	
953-093-006	1DMAC206		038	1DMAC206	641-000	UNIT	04-127-038	G	
953-093-007	1DMAC208		039	1DMAC208	641-000	UNIT	04-127-039	G	
953-093-008	1DMAC210		040	1DMAC210	641-000	UNIT	04-127-040	G	
953-093-009	1DMAC212		041	1DMAC212	641-000	UNIT	04-127-041	G	
953-093-010	1DMAC214		042	1DMAC214	641-000	UNIT	04-127-042	G	
953-093-011	GRD		043	GRD	641-000	UNIT	04-127-043	G	
J4									
953-092-013	GRD		045	GRD	641-000	UNIT	04-126-045	G	
	NC		046						
	NC		047						
953-092-016	1DMADCC2		048	1DMADCC2	641-000	UNIT	04-126-048	G	
953-092-017	1DMADCC3		049	1DMADCC3	641-000	UNIT	04-126-049	G	

AP FIG 22 CAD 015

(CONT'D)

-----TO CONNECTION-----					-----FROM CONNECTION-----				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J4					645-126 (CONT'D) JACK/UNIT (MSCU2).....				
953-092-018	1DMADC25			050	1DMADC25	641-000	UNIT	04-126-050	G
953-092-019	1DMADC27			051	1DMADC27	641-000	UNIT	04-126-051	G
953-092-020	GRD			052	GRD	641-000	UNIT	04-126-052	G
953-092-021	GRD			053	GRD	641-000	UNIT	04-126-053	G
953-092-022	11NTC210			054	11NTC210	641-000	UNIT	04-126-054	G
953-092-023	11NTC230			055	11NTC230	641-000	UNIT	04-126-055	G
953-092-024	GRD			056	GRD	641-000	UNIT	04-126-056	G
.....J4					645-127 JACK/UNIT (MSCU2).....				
953-093-013	GRD			045	GRD	641-000	UNIT	04-127-045	G
	NC			046					
	NC			047					
953-093-016	1DMADC20			048	1DMADC20	641-000	UNIT	04-127-048	G
953-093-017	1DMADC22			049	1DMADC22	641-000	UNIT	04-127-049	G
953-093-018	1DMADC24			050	1DMADC24	641-000	UNIT	04-127-050	G
953-093-019	1DMADC26			051	1DMADC26	641-000	UNIT	04-127-051	G
953-093-020	1DMADC28			052	1DMADC28	641-000	UNIT	04-127-052	G
953-093-021	GRD			053	GRD	641-000	UNIT	04-127-053	G
953-093-022	11NTC200			054	11NTC200	641-000	UNIT	04-127-054	G
953-093-023	11NTC220			055	11NTC220	641-000	UNIT	04-127-055	G
953-093-024	GRD			056	GRD	641-000	UNIT	04-127-056	G
AP FIG 22 CAD 016									
I/O MICROPROCESSOR INTERFACE, IOMI-C COMMUNITY 3									
-----TO CONNECTION-----					-----FROM CONNECTION-----				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1					545-128 JACK/UNIT (MSCU2).....				
253-086-000	GRD			000	GRD	541-000	UNIT	04-128-000	G
	NC			001					
	NC			002					
253-086-003	GRD			003	GRD	541-000	UNIT	04-128-003	G
253-086-004	GRD			004	GRD	541-000	UNIT	04-128-004	G
253-086-005	GRD			005	GRD	541-000	UNIT	04-128-005	G
253-086-006	000LC30			006	000LC30	541-000	UNIT	04-128-006	G
253-086-007	00ERC300			007	00ERC300	541-000	UNIT	04-128-007	G
253-086-008	00ERC310			008	00ERC310	541-000	UNIT	04-128-008	G
253-086-009	00ERC320			009	00ERC320	541-000	UNIT	04-128-009	G
253-086-010	00ERC330			010	00ERC330	541-000	UNIT	04-128-010	G
253-086-011	GRD			011	GRD	541-000	UNIT	04-128-011	G
.....J1					545-129 JACK/UNIT (MSCU2).....				
253-087-000	GRD			000	GRD	541-000	UNIT	04-129-000	G
	NC			001					
	NC			002					
253-087-003	0PCSIC30			003	0PCSIC30	541-000	UNIT	04-129-003	G
253-087-004	0PCSIC31			004	0PCSIC31	541-000	UNIT	04-129-004	G
253-087-005	0PCSIC32			005	0PCSIC32	541-000	UNIT	04-129-005	G
253-087-006	0PCSIC33			006	0PCSIC33	541-000	UNIT	04-129-006	G
253-087-007	GRD			007	GRD	541-000	UNIT	04-129-007	G
253-087-008	GRD			008	GRD	541-000	UNIT	04-129-008	G
253-087-009	GRD			009	GRD	541-000	UNIT	04-129-009	G
253-087-010	GRD			010	GRD	541-000	UNIT	04-129-010	G
253-087-011	GRD			011	GRD	541-000	UNIT	04-129-011	G
.....J2					545-128 JACK/UNIT (MSCU2).....				
253-086-013	GRD			013	GRD	541-000	UNIT	04-128-013	G
	NC			014					
	NC			015					
253-086-016	0CSAC300			016	0CSAC300	541-000	UNIT	04-128-016	G
253-086-017	0CSAC310			017	0CSAC310	541-000	UNIT	04-128-017	G
253-086-018	0CSAC320			018	0CSAC320	541-000	UNIT	04-128-018	G
253-086-019	0CSAC330			019	0CSAC330	541-000	UNIT	04-128-019	G
253-086-020	0CLRPC23			020	0CLRPC23	541-000	UNIT	04-128-020	G
253-086-021	0SISL&C3			021	0SISL&C3	541-000	UNIT	04-128-021	G
253-086-022	0SRIC310			022	0SRIC310	541-000	UNIT	04-128-022	G
253-086-023	0SRIC330			023	0SRIC330	541-000	UNIT	04-128-023	G
253-086-024	GRD			024	GRD	541-000	UNIT	04-128-024	G

AP FIG 22 CAD 016

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT
.....J4				545-129 JACK/UNIT (MSCU2).....			
253-093-013	GRD		045	GRD	541-000 UNIT	04-129-045	G
	NC		046				
	NC		047				
253-093-016	ODMADC30		048	ODMADC30	541-000 UNIT	04-129-048	G
253-093-017	ODMADC32		049	ODMADC32	541-000 UNIT	04-129-049	G
253-093-018	ODMADC34		050	ODMADC34	541-000 UNIT	04-129-050	G
253-093-019	ODMADC36		051	ODMADC36	541-000 UNIT	04-129-051	G
253-093-020	ODMADC38		052	ODMADC38	541-000 UNIT	04-129-052	G
253-093-021	GRD		053	GRD	541-000 UNIT	04-129-053	G
253-093-022	01NTE300		054	01NTE300	541-000 UNIT	04-129-054	G
253-093-023	01NTE320		055	01NTE320	541-000 UNIT	04-129-055	G
253-093-024	GRD		056	GRD	541-000 UNIT	04-129-056	G

AP FIG 17 CAD 017

I/O MICROPROCESSOR INTERFACE, IOMI-C COMMUNITY 3

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT
.....J1				645-128 JACK/UNIT (MSCU2).....			
953-174-000	GRD		000	GRD	641-000 UNIT	04-128-000	R
	NC		001				
	NC		002				
953-174-003	GRD		003	GRD	641-000 UNIT	04-128-003	R
953-174-004	GRD		004	GRD	641-000 UNIT	04-128-004	R
953-174-005	GRD		005	GRD	641-000 UNIT	04-128-005	R
953-174-006	100LC30		006	100LC30	641-000 UNIT	04-128-006	R
953-174-007	1ERC300		007	1ERC300	641-000 UNIT	04-128-007	R
953-174-008	1ERC310		008	1ERC310	641-000 UNIT	04-128-008	R
953-174-009	1ERC320		009	1ERC320	641-000 UNIT	04-128-009	R
953-174-010	1ERC330		010	1ERC330	641-000 UNIT	04-128-010	R
953-174-011	GRD		011	GRD	641-000 UNIT	04-128-011	R
.....J1				645-129 JACK/UNIT (MSCU2).....			
953-175-000	GRD		000	GRD	641-000 UNIT	04-129-000	R
	NC		001				
	NC		002				
953-175-003	1PCSLC30		003	1PCSLC30	641-000 UNIT	04-129-003	R
953-175-004	1PCSLC31		004	1PCSLC31	641-000 UNIT	04-129-004	R
953-175-005	1PCSLC32		005	1PCSLC32	641-000 UNIT	04-129-005	R
953-175-006	1PCSLC33		006	1PCSLC33	641-000 UNIT	04-129-006	R
953-175-007	GRD		007	GRD	641-000 UNIT	04-129-007	R
953-175-008	GRD		008	GRD	641-000 UNIT	04-129-008	R
953-175-009	GRD		009	GRD	641-000 UNIT	04-129-009	R
953-175-010	GRD		010	GRD	641-000 UNIT	04-129-010	R
953-175-011	GRD		011	GRD	641-000 UNIT	04-129-011	R
.....J2				645-128 JACK/UNIT (MSCU2).....			
953-174-013	GRD		013	GRD	641-000 UNIT	04-128-013	R
	NC		014				
	NC		015				
953-174-016	1CSAC300		016	1CSAC300	641-000 UNIT	04-128-016	R
953-174-017	1CSAC310		017	1CSAC310	641-000 UNIT	04-128-017	R
953-174-018	1CSAC320		018	1CSAC320	641-000 UNIT	04-128-018	R
953-174-019	1CSAC330		019	1CSAC330	641-000 UNIT	04-128-019	R
953-174-020	1CLRPC33		020	1CLRPC33	641-000 UNIT	04-128-020	R
953-174-021	1S1SL8C3		021	1S1SL8C3	641-000 UNIT	04-128-021	R
953-174-022	1SRC310		022	1SRC310	641-000 UNIT	04-128-022	R
953-174-023	1SRC330		023	1SRC330	641-000 UNIT	04-128-023	R
953-174-024	GRD		024	GRD	641-000 UNIT	04-128-024	R
.....J2				645-129 JACK/UNIT (MSCU2).....			
953-175-013	GRD		013	GRD	641-000 UNIT	04-129-013	R
	NC		014				
	NC		015				
953-175-016	1DMAHRC3		016	1DMAHRC3	641-000 UNIT	04-129-016	R
953-175-017	1DMAHRC3		017	1DMAHRC3	641-000 UNIT	04-129-017	R
953-175-018	1DMAHRC3		018	1DMAHRC3	641-000 UNIT	04-129-018	R
953-175-019	1DMAHRC3		019	1DMAHRC3	641-000 UNIT	04-129-019	R
953-175-020	1CINTC30		020	1CINTC30	641-000 UNIT	04-129-020	R

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(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	OPT
.....J2				645-129 JACK/UNIT (MSCU2).....			
953-175-021	1R1SL8C3		021	1R1SL8C3	641-000 UNIT	04-129-021	R
953-175-022	1SRC300		022	1SRC300	641-000 UNIT	04-129-022	R
953-175-023	1SRC320		023	1SRC320	641-000 UNIT	04-129-023	R
953-175-024	GRD		024	GRD	641-000 UNIT	04-129-024	R
.....J3				645-128 JACK/UNIT (MSCU2).....			
953-180-000	GRD		032	GRD	641-000 UNIT	04-128-032	R
	NC		033				
	NC		034				
953-180-003	1DMAC301		035	1DMAC301	641-000 UNIT	04-128-035	R
953-180-004	1DMAC303		036	1DMAC303	641-000 UNIT	04-128-036	R
953-180-005	1DMAC305		037	1DMAC305	641-000 UNIT	04-128-037	R
953-180-006	1DMAC307		038	1DMAC307	641-000 UNIT	04-128-038	R
953-180-007	1DMAC309		039	1DMAC309	641-000 UNIT	04-128-039	R
953-180-008	1DMAC311		040	1DMAC311	641-000 UNIT	04-128-040	R
953-180-009	1DMAC313		041	1DMAC313	641-000 UNIT	04-128-041	R
953-180-010	1DMAC315		042	1DMAC315	641-000 UNIT	04-128-042	R
953-180-011	GRD		043	GRD	641-000 UNIT	04-128-043	R
.....J3				645-129 JACK/UNIT (MSCU2).....			
953-181-000	GRD		032	GRD	641-000 UNIT	04-129-032	R
	NC		033				
	NC		034				
953-181-003	1DMAC300		035	1DMAC300	641-000 UNIT	04-129-035	R
953-181-004	1DMAC302		036	1DMAC302	641-000 UNIT	04-129-036	R
953-181-005	1DMAC304		037	1DMAC304	641-000 UNIT	04-129-037	R
953-181-006	1DMAC306		038	1DMAC306	641-000 UNIT	04-129-038	R
953-181-007	1DMAC308		039	1DMAC308	641-000 UNIT	04-129-039	R
953-181-008	1DMAC310		040	1DMAC310	641-000 UNIT	04-129-040	R
953-181-009	1DMAC312		041	1DMAC312	641-000 UNIT	04-129-041	R
953-181-010	1DMAC314		042	1DMAC314	641-000 UNIT	04-129-042	R
953-181-011	GRD		043	GRD	641-000 UNIT	04-129-043	R
.....J4				645-128 JACK/UNIT (MSCU2).....			
953-180-013	GRD		045	GRD	641-000 UNIT	04-128-045	R
	NC		046				
	NC		047				
953-180-016	1DMADC31		048	1DMADC31	641-000 UNIT	04-128-048	R
953-180-017	1DMADC33		049	1DMADC33	641-000 UNIT	04-128-049	R
953-180-018	1DMADC35		050	1DMADC35	641-000 UNIT	04-128-050	R
953-180-019	1DMADC37		051	1DMADC37	641-000 UNIT	04-128-051	R
953-180-020	GRD		052	GRD	641-000 UNIT	04-128-052	R
953-180-021	GRD		053	GRD	641-000 UNIT	04-128-053	R
953-180-022	11NTE310		054	11NTE310	641-000 UNIT	04-128-054	R
953-180-023	11NTE330		055	11NTE330	641-000 UNIT	04-128-055	R
953-180-024	GRD		056	GRD	641-000 UNIT	04-128-056	R
.....J4				645-129 JACK/UNIT (MSCU2).....			
953-181-013	GRD		045	GRD	641-000 UNIT	04-129-045	R
	NC		046				
	NC		047				
953-181-016	1DMADC30		048	1DMADC30	641-000 UNIT	04-129-048	R
953-181-017	1DMADC32		049	1DMADC32	641-000 UNIT	04-129-049	R
953-181-018	1DMADC34		050	1DMADC34	641-000 UNIT	04-129-050	R
953-181-019	1DMADC36		051	1DMADC36	641-000 UNIT	04-129-051	R
953-181-020	1DMADC38		052	1DMADC38	641-000 UNIT	04-129-052	R
953-181-021	GRD		053	GRD	641-000 UNIT	04-129-053	R
953-181-022	11NTE300		054	11NTE300	641-000 UNIT	04-129-054	R
953-181-023	11NTE320		055	11NTE320	641-000 UNIT	04-129-055	R
953-181-024	GRD		056	GRD	641-000 UNIT	04-129-056	R

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I/O MICROPROCESSOR INTERFACE, IOMI-D COMMUNITY D

— TO CONNECTION —				— FROM CONNECTION —					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	CPT	NOTE
.....J1				545-130	JACK/UNIT (MSCU2).....				
153-174-000	GRD		000		GRD	541-000 UNIT	04-130-000	N	
	NC		001						
	NC		002						
153-174-003	GRD		003		GRD	541-000 UNIT	04-130-003	N	
153-174-004	GRD		004		GRD	541-000 UNIT	04-130-004	N	
153-174-005	GRD		005		GRD	541-000 UNIT	04-130-005	N	
153-174-006	000LD00		006		000LD00	541-000 UNIT	04-130-006	N	
153-174-007	0ERD000		007		0ERD000	541-000 UNIT	04-130-007	N	
153-174-008	0ERD010		008		0ERD010	541-000 UNIT	04-130-008	N	
153-174-009	0ERD020		009		0ERD020	541-000 UNIT	04-130-009	N	
153-174-010	0ERD030		010		0ERD030	541-000 UNIT	04-130-010	N	
153-174-011	GRD		011		GRD	541-000 UNIT	04-130-011	N	
.....J1				545-131	JACK/UNIT (MSCU2).....				
153-175-000	GRD		000		GRD	541-000 UNIT	04-131-000	N	
	NC		001						
	NC		002						
153-175-003	0PCSLD00		003		0PCSLD00	541-000 UNIT	04-131-003	N	
153-175-004	0PCSLD01		004		0PCSLD01	541-000 UNIT	04-131-004	N	
153-175-005	0PCSLD02		005		0PCSLD02	541-000 UNIT	04-131-005	N	
153-175-006	0PCSLD03		006		0PCSLD03	541-000 UNIT	04-131-006	N	
153-175-007	GRD		007		GRD	541-000 UNIT	04-131-007	N	
153-175-008	GRD		008		GRD	541-000 UNIT	04-131-008	N	
153-175-009	GRD		009		GRD	541-000 UNIT	04-131-009	N	
153-175-010	GRD		010		GRD	541-000 UNIT	04-131-010	N	
153-175-011	GRD		011		GRD	541-000 UNIT	04-131-011	N	
.....J2				545-130	JACK/UNIT (MSCU2).....				
153-174-013	GRD		013		GRD	541-000 UNIT	04-130-013	N	
	NC		014						
	NC		015						
153-174-016	0CCSAD000		016		0CCSAD000	541-000 UNIT	04-130-016	N	
153-174-017	0CCSAD010		017		0CCSAD010	541-000 UNIT	04-130-017	N	
153-174-018	0CCSAD020		018		0CCSAD020	541-000 UNIT	04-130-018	N	
153-174-019	0CCSAD030		019		0CCSAD030	541-000 UNIT	04-130-019	N	
153-174-020	0CLRPC00		020		0CLRPC00	541-000 UNIT	04-130-020	N	
153-174-021	0S1SL800		021		0S1SL800	541-000 UNIT	04-130-021	N	
153-174-022	0SRD010		022		0SRD010	541-000 UNIT	04-130-022	N	
153-174-023	0SRD030		023		0SRD030	541-000 UNIT	04-130-023	N	
153-174-024	GRD		024		GRD	541-000 UNIT	04-130-024	N	
.....J2				545-131	JACK/UNIT (MSCU2).....				
153-175-013	GRD		013		GRD	541-000 UNIT	04-131-013	N	
	NC		014						
	NC		015						
153-175-016	0DMAR000		016		0DMAR000	541-000 UNIT	04-131-016	N	
153-175-017	0DMAR000		017		0DMAR000	541-000 UNIT	04-131-017	N	
153-175-018	0DMAR000		018		0DMAR000	541-000 UNIT	04-131-018	N	
153-175-019	0DMAR000		019		0DMAR000	541-000 UNIT	04-131-019	N	
153-175-020	0CINT000		020		0CINT000	541-000 UNIT	04-131-020	N	
153-175-021	0I1SL800		021		0I1SL800	541-000 UNIT	04-131-021	N	
153-175-022	0SRD000		022		0SRD000	541-000 UNIT	04-131-022	N	
153-175-023	0SRD020		023		0SRD020	541-000 UNIT	04-131-023	N	
153-175-024	GRD		024		GRD	541-000 UNIT	04-131-024	N	

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(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J3				545-130	JACK/UNIT (MSCU2).....				
153-180-000	GRD			032	GRD	541-000 UNIT	04-130-032	N	
	NC			033					
	NC			034					
153-180-003	ODMAD001			035	ODMAD001	541-000 UNIT	04-130-035	N	
153-180-004	ODMAD003			036	ODMAD003	541-000 UNIT	04-130-036	N	
153-180-005	ODMAD005			037	ODMAD005	541-000 UNIT	04-130-037	N	
153-180-006	ODMAD007			038	ODMAD007	541-000 UNIT	04-130-038	N	
153-180-007	ODMAD009			039	ODMAD009	541-000 UNIT	04-130-039	N	
153-180-008	ODMAD011			040	ODMAD011	541-000 UNIT	04-130-040	N	
153-180-009	ODMAD013			041	ODMAD013	541-000 UNIT	04-130-041	N	
153-180-010	ODMAD015			042	ODMAD015	541-000 UNIT	04-130-042	N	
153-180-011	GRD			043	GRD	541-000 UNIT	04-130-043	N	
.....J3				545-131	JACK/UNIT (MSCU2).....				
153-181-000	GRD			032	GRD	541-000 UNIT	04-131-032	N	
	NC			033					
	NC			034					
153-181-003	ODMAD000			035	ODMAD000	541-000 UNIT	04-131-035	N	
153-181-004	ODMAD002			036	ODMAD002	541-000 UNIT	04-131-036	N	
153-181-005	ODMAD004			037	ODMAD004	541-000 UNIT	04-131-037	N	
153-181-006	ODMAD006			038	ODMAD006	541-000 UNIT	04-131-038	N	
153-181-007	ODMAD008			039	ODMAD008	541-000 UNIT	04-131-039	N	
153-181-008	ODMAD010			040	ODMAD010	541-000 UNIT	04-131-040	N	
153-181-009	ODMAD012			041	ODMAD012	541-000 UNIT	04-131-041	N	
153-181-010	ODMAD014			042	ODMAD014	541-000 UNIT	04-131-042	N	
153-181-011	GRD			043	GRD	541-000 UNIT	04-131-043	N	
.....J4				545-130	JACK/UNIT (MSCU2).....				
153-180-013	GRD			045	GRD	541-000 UNIT	04-130-045	N	
	NC			046					
	NC			047					
153-180-016	ODMAD001			048	ODMAD001	541-000 UNIT	04-130-048	N	
153-180-017	ODMAD003			049	ODMAD003	541-000 UNIT	04-130-049	N	
153-180-018	ODMAD005			050	ODMAD005	541-000 UNIT	04-130-050	N	
153-180-019	ODMAD007			051	ODMAD007	541-000 UNIT	04-130-051	N	
153-180-020	GRD			052	GRD	541-000 UNIT	04-130-052	N	
153-180-021	GRD			053	GRD	541-000 UNIT	04-130-053	N	
153-180-022	QINTD010			054	QINTD010	541-000 UNIT	04-130-054	N	
153-180-023	QINTD030			055	QINTD030	541-000 UNIT	04-130-055	N	
153-180-024	GRD			056	GRD	541-000 UNIT	04-130-056	N	
.....J4				545-131	JACK/UNIT (MSCU2).....				
153-181-013	GRD			045	GRD	541-000 UNIT	04-131-045	N	
	NC			046					
	NC			047					
153-181-016	ODMAD000			048	ODMAD000	541-000 UNIT	04-131-048	N	
153-181-017	ODMAD002			049	ODMAD002	541-000 UNIT	04-131-049	N	
153-181-018	ODMAD004			050	ODMAD004	541-000 UNIT	04-131-050	N	
153-181-019	ODMAD006			051	ODMAD006	541-000 UNIT	04-131-051	N	
153-181-020	ODMAD008			052	ODMAD008	541-000 UNIT	04-131-052	N	
153-181-021	GRD			053	GRD	541-000 UNIT	04-131-053	N	
153-181-022	QINTD000			054	QINTD000	541-000 UNIT	04-131-054	N	
153-181-023	QINTD020			055	QINTD020	541-000 UNIT	04-131-055	N	
153-181-024	GRD			056	GRD	541-000 UNIT	04-131-056	N	

AP FIG 22 CAD 019

I/O MICROPROCESSOR INTERFACE, ICM1-D COMMUNITY 0

-----TO CONNECTION-----				-----FROM CONNECTION-----					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1			645-130		JACK/UNIT (MSCU2).....				
1053-086-000	GRD			000	GRD	641-000 UNIT	04-130-000	F	
	NC			001					
	NC			002					
1053-086-003	GRD			003	GRD	641-000 UNIT	04-130-003	F	
1053-086-004	GRD			004	GRD	641-000 UNIT	04-130-004	F	
1053-086-005	GRD			005	GRD	641-000 UNIT	04-130-005	F	
1053-086-006	100LD00			006	100LD00	641-000 UNIT	04-130-006	F	
1053-086-007	1ERD000			007	1ERD000	641-000 UNIT	04-130-007	F	

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(CONT'D)

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....J1					645-130	JACK/UNIT	(MSCU2)	.....			
					(CONT'D)						
1053-086-008	1ERD010			008	1ERD010	641-000 UNIT	04-130-008	F			
1053-086-009	1ERD020			009	1ERD020	641-000 UNIT	04-130-009	F			
1053-086-010	1ERD030			010	1ERD030	641-000 UNIT	04-130-010	F			
1053-086-011	GRD			011	GRD	641-000 UNIT	04-130-011	F			
.....J1					645-131	JACK/UNIT	(MSCU2)	.....			
1053-087-000	GRD			000	GRD	641-000 UNIT	04-131-000	F			
	NC			001							
	NC			002							
1053-087-003	1PCSLD00			003	1PCSLD00	641-000 UNIT	04-131-003	F			
1053-087-004	1PCSLD01			004	1PCSLD01	641-000 UNIT	04-131-004	F			
1053-087-005	1PCSLD02			005	1PCSLD02	641-000 UNIT	04-131-005	F			
1053-087-006	1PCSLD03			006	1PCSLD03	641-000 UNIT	04-131-006	F			
1053-087-007	GRD			007	GRD	641-000 UNIT	04-131-007	F			
1053-087-008	GRD			008	GRD	641-000 UNIT	04-131-008	F			
1053-087-009	GRD			009	GRD	641-000 UNIT	04-131-009	F			
1053-087-010	GRD			010	GRD	641-000 UNIT	04-131-010	F			
1053-087-011	GRD			011	GRD	641-000 UNIT	04-131-011	F			
.....J2					645-130	JACK/UNIT	(MSCU2)	.....			
1053-086-013	GRD			013	GRD	641-000 UNIT	04-130-013	F			
	NC			014							
	NC			015							
1053-086-016	1CSAD000			016	1CSAD000	641-000 UNIT	04-130-016	F			
1053-086-017	1CSAD010			017	1CSAD010	641-000 UNIT	04-130-017	F			
1053-086-018	1CSAD020			018	1CSAD020	641-000 UNIT	04-130-018	F			
1053-086-019	1CSAD030			019	1CSAD030	641-000 UNIT	04-130-019	F			
1053-086-020	1CLRPED0			020	1CLRPED0	641-000 UNIT	04-130-020	F			
1053-086-021	1SLSL800			021	1SLSL800	641-000 UNIT	04-130-021	F			
1053-086-022	1SRD010			022	1SRD010	641-000 UNIT	04-130-022	F			
1053-086-023	1SRD030			023	1SRD030	641-000 UNIT	04-130-023	F			
1053-086-024	GRD			024	GRD	641-000 UNIT	04-130-024	F			
.....J2					645-131	JACK/UNIT	(MSCU2)	.....			
1053-087-013	GRD			013	GRD	641-000 UNIT	04-131-013	F			
	NC			014							
	NC			015							
1053-087-016	1DMAR00			016	1DMAR00	641-000 UNIT	04-131-016	F			
1053-087-017	1DMAR00			017	1DMAR00	641-000 UNIT	04-131-017	F			
1053-087-018	1DMAR00			018	1DMAR00	641-000 UNIT	04-131-018	F			
1053-087-019	1DMAR00			019	1DMAR00	641-000 UNIT	04-131-019	F			
1053-087-020	1CLINT00			020	1CLINT00	641-000 UNIT	04-131-020	F			
1053-087-021	1RISL800			021	1RISL800	641-000 UNIT	04-131-021	F			
1053-087-022	1SRD000			022	1SRD000	641-000 UNIT	04-131-022	F			
1053-087-023	1SRD020			023	1SRD020	641-000 UNIT	04-131-023	F			
1053-087-024	GRD			024	GRD	641-000 UNIT	04-131-024	F			
.....J3					645-130	JACK/UNIT	(MSCU2)	.....			
1053-092-000	GRD			032	GRD	641-000 UNIT	04-130-032	F			
	NC			033							
	NC			034							
1053-092-003	1DMAD001			035	1DMAD001	641-000 UNIT	04-130-035	F			
1053-092-004	1DMAD003			036	1DMAD003	641-000 UNIT	04-130-036	F			
1053-092-005	1DMAD005			037	1DMAD005	641-000 UNIT	04-130-037	F			
1053-092-006	1DMAD007			038	1DMAD007	641-000 UNIT	04-130-038	F			
1053-092-007	1DMAD009			039	1DMAD009	641-000 UNIT	04-130-039	F			
1053-092-008	1DMAD011			040	1DMAD011	641-000 UNIT	04-130-040	F			
1053-092-009	1DMAD013			041	1DMAD013	641-000 UNIT	04-130-041	F			
1053-092-010	1DMAD015			042	1DMAD015	641-000 UNIT	04-130-042	F			
1053-092-011	GRD			043	GRD	641-000 UNIT	04-130-043	F			
.....J3					645-131	JACK/UNIT	(MSCU2)	.....			
1053-093-000	GRD			032	GRD	641-000 UNIT	04-131-032	F			
	NC			033							
	NC			034							
1053-093-003	1DMAD000			035	1DMAD000	641-000 UNIT	04-131-035	F			
1053-093-004	1DMAD002			036	1DMAD002	641-000 UNIT	04-131-036	F			
1053-093-005	1DMAD004			037	1DMAD004	641-000 UNIT	04-131-037	F			
1053-093-006	1DMAD006			038	1DMAD006	641-000 UNIT	04-131-038	F			
1053-093-007	1DMAD008			039	1DMAD008	641-000 UNIT	04-131-039	F			
1053-093-008	1DMAD010			040	1DMAD010	641-000 UNIT	04-131-040	F			
1053-093-009	1DMAD012			041	1DMAD012	641-000 UNIT	04-131-041	F			
1053-093-010	1DMAD014			042	1DMAD014	641-000 UNIT	04-131-042	F			
1053-093-011	GRD			043	GRD	641-000 UNIT	04-131-043	F			

AP FIG 18 CAD 020 (CONT'D)										AP FIG 18 CAD 020 (CONT'D)										AP FIG 22 CAD 021 (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			
.....J1										J4										J2												
1053-175-000	GRD			000	GRD	641-000 UNIT	04-133-000	N		1053-180-018	1DMADD15		050	1DMADD15 641-000 UNIT	04-132-050	N				153-087-013	GRD			013	GRD	541-000 UNIT	04-133-013	F				
	NC			001						1053-180-019	1DMADD17		051	1DMADD17 641-000 UNIT	04-132-051	N						014	NC			014						
	NC			002						1053-180-020	GRD		052	GRD 641-000 UNIT	04-132-052	N						015	NC			015						
1053-175-003	1PCSLO10			003	1PCSLO10 641-000 UNIT	04-133-003	N			1053-180-021	GRD		053	GRD 641-000 UNIT	04-132-053	N						153-087-016	ODMARD01			016	ODMARD01 541-000 UNIT	04-133-016	F			
1053-175-004	1PCSLO11			004	1PCSLO11 641-000 UNIT	04-133-004	N			1053-180-022	1INTD110		054	1INTD110 641-000 UNIT	04-132-054	N						153-087-017	ODMARD01			017	ODMARD01 541-000 UNIT	04-133-017	F			
1053-175-005	1PCSLO12			005	1PCSLO12 641-000 UNIT	04-133-005	N			1053-180-023	1INTD130		055	1INTD130 641-000 UNIT	04-132-055	N						153-087-018	ODMARD01			018	ODMARD01 541-000 UNIT	04-133-018	F			
1053-175-006	1PCSLO13			006	1PCSLO13 641-000 UNIT	04-133-006	N			1053-180-024	GRD		056	GRD 641-000 UNIT	04-132-056	N						153-087-019	ODMARD01			019	ODMARD01 541-000 UNIT	04-133-019	F			
1053-175-007	GRD			007	GRD 641-000 UNIT	04-133-007	N															153-087-020	0CINTD10			020	0CINTD10 541-000 UNIT	04-133-020	F			
1053-175-008	GRD			008	GRD 641-000 UNIT	04-133-008	N															153-087-021	0RISL801			021	0RISL801 541-000 UNIT	04-133-021	F			
1053-175-009	GRD			009	GRD 641-000 UNIT	04-133-009	N															153-087-022	0SRD100			022	0SRD100 541-000 UNIT	04-133-022	F			
1053-175-010	GRD			010	GRD 641-000 UNIT	04-133-010	N															153-087-023	0SRD120			023	0SRD120 541-000 UNIT	04-133-023	F			
1053-175-011	GRD			011	GRD 641-000 UNIT	04-133-011	N															153-087-024	GRD			024	GRD 541-000 UNIT	04-133-024	F			
.....J2										J4										J3												
1053-174-013	GRD			013	GRD 641-000 UNIT	04-132-013	N			1053-181-013	GRD		045	GRD 641-000 UNIT	04-133-045	N					153-092-000	GRD			032	GRD	541-000 UNIT	04-132-032	F			
	NC			014						1053-181-016	1DMADD10		046									033	NC			033						
	NC			015						1053-181-017	1DMADD12		047										034	NC			034					
1053-174-016	1CSAD100			016	1CSAD100 641-000 UNIT	04-132-016	N			1053-181-018	1DMADD14		048	1DMADD14 641-000 UNIT	04-133-048	N						035	ODMAD101			035	ODMAD101 541-000 UNIT	04-132-035	F			
1053-174-017	1CSAD110			017	1CSAD110 641-000 UNIT	04-132-017	N			1053-181-019	1DMADD16		049	1DMADD16 641-000 UNIT	04-133-049	N						036	ODMAD103			036	ODMAD103 541-000 UNIT	04-132-036	F			
1053-174-018	1CSAD120			018	1CSAD120 641-000 UNIT	04-132-018	N			1053-181-020	1DMADD18		050	1DMADD18 641-000 UNIT	04-133-050	N						037	ODMAD105			037	ODMAD105 541-000 UNIT	04-132-037	F			
1053-174-019	1CSAD130			019	1CSAD130 641-000 UNIT	04-132-019	N			1053-181-021	GRD		051	GRD 641-000 UNIT	04-133-051	N						038	ODMAD107			038	ODMAD107 541-000 UNIT	04-132-038	F			
1053-174-020	1CLRPCD1			020	1CLRPCD1 641-000 UNIT	04-132-020	N			1053-181-022	1INTD100		052	1INTD100 641-000 UNIT	04-133-052	N						039	ODMAD109			039	ODMAD109 541-000 UNIT	04-132-039	F			
1053-174-021	1RISL801			021	1RISL801 641-000 UNIT	04-132-021	N			1053-181-023	1INTD120		053	1INTD120 641-000 UNIT	04-133-053	N						040	ODMAD111			040	ODMAD111 541-000 UNIT	04-132-040	F			
1053-174-022	1SRD110			022	1SRD110 641-000 UNIT	04-132-022	N			1053-181-024	GRD		054	GRD 641-000 UNIT	04-133-054	N						041	ODMAD113			041	ODMAD113 541-000 UNIT	04-132-041	F			
1053-174-023	1SRD130			023	1SRD130 641-000 UNIT	04-132-023	N						055									042	ODMAD115			042	ODMAD115 541-000 UNIT	04-132-042	F			
1053-174-024	GRD			024	GRD 641-000 UNIT	04-132-024	N						056	GRD 641-000 UNIT	04-133-056	N						043	GRD			043	GRD 541-000 UNIT	04-132-043	F			
.....J2										J3										J3												
1053-175-013	GRD			013	GRD 641-000 UNIT	04-133-013	N			153-093-000	GRD		032	GRD 541-000 UNIT	04-133-032	F					153-093-003	ODMAD100			032	GRD	541-000 UNIT	04-133-032	F			
	NC			014									033									033	NC			033						
	NC			015									034									034	NC			034						
1053-175-016	1DMARD01			016	1DMARD01 641-000 UNIT	04-133-016	N			153-093-004	ODMAD102		035	ODMAD102 541-000 UNIT	04-133-035	F						035	ODMAD100			035	ODMAD100 541-000 UNIT	04-133-035	F			
1053-175-017	1DMARD01			017	1DMARD01 641-000 UNIT	04-133-017	N			153-093-005	ODMAD104		036	ODMAD104 541-000 UNIT	04-133-036	F						036	ODMAD102			036	ODMAD102 541-000 UNIT	04-133-036	F			
1053-175-018	1DMARD01			018	1DMARD01 641-000 UNIT	04-133-018	N			153-093-006	ODMAD106		037	ODMAD106 541-000 UNIT	04-133-037	F						037	ODMAD104			037	ODMAD104 541-000 UNIT	04-133-037	F			
1053-175-019	1DMARD01			019	1DMARD01 641-000 UNIT	04-133-019	N			153-093-007	ODMAD108		038	ODMAD108 541-000 UNIT	04-133-038	F						038	ODMAD106			038	ODMAD106 541-000 UNIT	04-133-038	F			
1053-175-020	1CINTD10			020	1CINTD10 641-000 UNIT	04-133-020	N			153-093-008	ODMAD110		039	ODMAD110 541-000 UNIT	04-133-039	F						039	ODMAD108			039	ODMAD108 541-000 UNIT	04-133-039	F			
1053-175-021	1RISL801			021	1RISL801 641-000 UNIT	04-133-021	N			153-093-009	ODMAD112		040	ODMAD112 541-000 UNIT	04-133-040	F						040	ODMAD110			040	ODMAD110 541-000 UNIT	04-133-040	F			
1053-175-022	1SRD100			022	1SRD100 641-000 UNIT	04-133-022	N			153-093-010	ODMAD114		041	ODMAD114 541-000 UNIT	04-133-041	F						041	ODMAD112			041	ODMAD112 541-000 UNIT	04-133-041	F</			

AP FIG 22 CAD 021
(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J4				545-133	JACK/UNIT (MSCU2)				
153-093-013	GRD			045	GRD	541-000	UNIT 04-133-045	F	
	NC			046					
	NC			047					
153-093-016	ODMADD10			048	ODMADD10	541-000	UNIT 04-133-048	F	
153-093-017	ODMADD12			049	ODMADD12	541-000	UNIT 04-133-049	F	
153-093-018	ODMADD14			050	ODMADD14	541-000	UNIT 04-133-050	F	
153-093-019	ODMADD16			051	ODMADD16	541-000	UNIT 04-133-051	F	
153-093-020	ODMADD18			052	ODMADD18	541-000	UNIT 04-133-052	F	
153-093-021	GRD			053	GRD	541-000	UNIT 04-133-053	F	
153-093-022	QINTD100			054	QINTD100	541-000	UNIT 04-133-054	F	
153-093-023	QINTD120			055	QINTD120	541-000	UNIT 04-133-055	F	
153-093-024	GRD			056	GRD	541-000	UNIT 04-133-056	F	

AP FIG 17 CAD 022
I/O MICROPROCESSOR INTERFACE, 10M1-D COMMUNITY 2

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				545-142	JACK/UNIT (MSCU2)				
053-174-000	GRD			000	GRD	541-000	UNIT 04-142-000	Q	
	NC			001					
	NC			002					
053-174-003	GRD			003	GRD	541-000	UNIT 04-142-003	Q	
053-174-004	GRD			004	GRD	541-000	UNIT 04-142-004	Q	
053-174-005	GRD			005	GRD	541-000	UNIT 04-142-005	Q	
053-174-006	ODOLD20			006	ODOLD20	541-000	UNIT 04-142-006	Q	
053-174-007	ODERD200			007	ODERD200	541-000	UNIT 04-142-007	Q	
053-174-008	ODERD210			008	ODERD210	541-000	UNIT 04-142-008	Q	
053-174-009	ODERD220			009	ODERD220	541-000	UNIT 04-142-009	Q	
053-174-010	ODERD230			010	ODERD230	541-000	UNIT 04-142-010	Q	
053-174-011	GRD			011	GRD	541-000	UNIT 04-142-011	Q	
.....J1				545-143	JACK/UNIT (MSCU2)				
053-175-000	GRD			000	GRD	541-000	UNIT 04-143-000	Q	
	NC			001					
	NC			002					
053-175-003	OPCSLD20			003	OPCSLD20	541-000	UNIT 04-143-003	Q	
053-175-004	OPCSLD21			004	OPCSLD21	541-000	UNIT 04-143-004	Q	
053-175-005	OPCSLD22			005	OPCSLD22	541-000	UNIT 04-143-005	Q	
053-175-006	OPCSLD23			006	OPCSLD23	541-000	UNIT 04-143-006	Q	
053-175-007	GRD			007	GRD	541-000	UNIT 04-143-007	Q	
053-175-008	GRD			008	GRD	541-000	UNIT 04-143-008	Q	
053-175-009	GRD			009	GRD	541-000	UNIT 04-143-009	Q	
053-175-010	GRD			010	GRD	541-000	UNIT 04-143-010	Q	
053-175-011	GRD			011	GRD	541-000	UNIT 04-143-011	Q	
.....J2				545-142	JACK/UNIT (MSCU2)				
053-174-013	GRD			013	GRD	541-000	UNIT 04-142-013	Q	
	NC			014					
	NC			015					
053-174-016	OCESAD200			016	OCESAD200	541-000	UNIT 04-142-016	Q	
053-174-017	OCESAD210			017	OCESAD210	541-000	UNIT 04-142-017	Q	
053-174-018	OCESAD220			018	OCESAD220	541-000	UNIT 04-142-018	Q	
053-174-019	OCESAD230			019	OCESAD230	541-000	UNIT 04-142-019	Q	
053-174-020	OCCLRPCD2			020	OCCLRPCD2	541-000	UNIT 04-142-020	Q	
053-174-021	OSISL802			021	OSISL802	541-000	UNIT 04-142-021	Q	
053-174-022	OSRD210			022	OSRD210	541-000	UNIT 04-142-022	Q	
053-174-023	OSRD230			023	OSRD230	541-000	UNIT 04-142-023	Q	
053-174-024	GRD			024	GRD	541-000	UNIT 04-142-024	Q	
.....J2				545-143	JACK/UNIT (MSCU2)				
053-175-013	GRD			013	GRD	541-000	UNIT 04-143-013	Q	
	NC			014					
	NC			015					
053-175-016	ODMAHRO2			016	ODMAHRO2	541-000	UNIT 04-143-016	Q	
053-175-017	ODMAHRO2			017	ODMAHRO2	541-000	UNIT 04-143-017	Q	
053-175-018	ODMAHRO2			018	ODMAHRO2	541-000	UNIT 04-143-018	Q	
053-175-019	ODMAHRO2			019	ODMAHRO2	541-000	UNIT 04-143-019	Q	
053-175-020	OCINTD20			020	OCINTD20	541-000	UNIT 04-143-020	Q	

AP FIG 17 CAD 022
(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J2				545-143 (CONT'D)	JACK/UNIT (MSCU2)				
053-175-021	ORISL802			021	ORISL802	541-000	UNIT 04-143-021	Q	
053-175-022	OSRD200			022	OSRD200	541-000	UNIT 04-143-022	Q	
053-175-023	OSRD220			023	OSRD220	541-000	UNIT 04-143-023	Q	
053-175-024	GRD			024	GRD	541-000	UNIT 04-143-024	Q	
.....J3				545-142	JACK/UNIT (MSCU2)				
053-180-000	GRD			032	GRD	541-000	UNIT 04-142-032	Q	
	NC			033					
	NC			034					
053-180-003	ODMAD201			035	ODMAD201	541-000	UNIT 04-142-035	Q	
053-180-004	ODMAD203			036	ODMAD203	541-000	UNIT 04-142-036	Q	
053-180-005	ODMAD205			037	ODMAD205	541-000	UNIT 04-142-037	Q	
053-180-006	ODMAD207			038	ODMAD207	541-000	UNIT 04-142-038	Q	
053-180-007	ODMAD209			039	ODMAD209	541-000	UNIT 04-142-039	Q	
053-180-008	ODMAD211			040	ODMAD211	541-000	UNIT 04-142-040	Q	
053-180-009	ODMAD213			041	ODMAD213	541-000	UNIT 04-142-041	Q	
053-180-010	ODMAD215			042	ODMAD215	541-000	UNIT 04-142-042	Q	
053-180-011	GRD			043	GRD	541-000	UNIT 04-142-043	Q	
.....J3				545-143	JACK/UNIT (MSCU2)				
053-181-000	GRD			032	GRD	541-000	UNIT 04-143-032	Q	
	NC			033					
	NC			034					
053-181-003	ODMAD200			035	ODMAD200	541-000	UNIT 04-143-035	Q	
053-181-004	ODMAD202			036	ODMAD202	541-000	UNIT 04-143-036	Q	
053-181-005	ODMAD204			037	ODMAD204	541-000	UNIT 04-143-037	Q	
053-181-006	ODMAD206			038	ODMAD206	541-000	UNIT 04-143-038	Q	
053-181-007	ODMAD208			039	ODMAD208	541-000	UNIT 04-143-039	Q	
053-181-008	ODMAD210			040	ODMAD210	541-000	UNIT 04-143-040	Q	
053-181-009	ODMAD212			041	ODMAD212	541-000	UNIT 04-143-041	Q	
053-181-010	ODMAD214			042	ODMAD214	541-000	UNIT 04-143-042	Q	
053-181-011	GRD			043	GRD	541-000	UNIT 04-143-043	Q	
.....J4				545-142	JACK/UNIT (MSCU2)				
053-180-013	GRD			045	GRD	541-000	UNIT 04-142-045	Q	
	NC			046					
	NC			047					
053-180-016	ODMAD201			048	ODMAD201	541-000	UNIT 04-142-048	Q	
053-180-017	ODMAD203			049	ODMAD203	541-000	UNIT 04-142-049	Q	
053-180-018	ODMAD205			050	ODMAD205	541-000	UNIT 04-142-050	Q	
053-180-019	ODMAD207			051	ODMAD207	541-000	UNIT 04-142-051	Q	
053-180-020	GRD			052	GRD	541-000	UNIT 04-142-052	Q	
053-180-021	GRD			053	GRD	541-000	UNIT 04-142-053	Q	
053-180-022	QINTD210			054	QINTD210	541-000	UNIT 04-142-054	Q	
053-180-023	QINTD230			055	QINTD230	541-000	UNIT 04-142-055	Q	
053-180-024	GRD			056	GRD	541-000	UNIT 04-142-056	Q	
.....J4				545-143	JACK/UNIT (MSCU2)				
053-181-013	GRD			045	GRD	541-000	UNIT 04-143-045	Q	
	NC			046					
	NC			047					
053-181-016	ODMAD200			048	ODMAD200	541-000	UNIT 04-143-048	Q	
053-181-017	ODMAD202			049	ODMAD202	541-000	UNIT 04-143-049	Q	
053-181-018	ODMAD204			050	ODMAD204	541-000	UNIT 04-143-050	Q	
053-181-019	ODMAD206			051	ODMAD206	541-000	UNIT 04-143-051	Q	
053-181-020	ODMAD208			052	ODMAD208	541-000	UNIT 04-143-052	Q	
053-181-021	GRD			053	GRD	541-000	UNIT 04-143-053	Q	
053-181-022	QINTD200			054	QINTD200	541-000	UNIT 04-143-054	Q	
053-181-023	QINTD220			055	QINTD220	541-000	UNIT 04-143-055	Q	
053-181-024	GRD			056	GRD	541-000	UNIT 04-143-056	Q	

AP FIG 22 CAD 023
I/O MICROPROCESSOR INTERFACE, 10M1-D COMMUNITY 2

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				645-142	JACK/UNIT	(MSCU2).....			
1153-086-000	GRD		000	GRD	641-000	UNIT	04-142-000	E	
	NC		001						
	NC		002						
1153-086-003	GRD		003	GRD	641-000	UNIT	04-142-003	E	
1153-086-004	GRD		004	GRD	641-000	UNIT	04-142-004	E	
1153-086-005	GRD		005	GRD	641-000	UNIT	04-142-005	E	
1153-086-006	100LD20		006	100LD20	641-000	UNIT	04-142-006	E	
1153-086-007	1ERD200		007	1ERD200	641-000	UNIT	04-142-007	E	
1153-086-008	1ERD210		008	1ERD210	641-000	UNIT	04-142-008	E	
1153-086-009	1ERD220		009	1ERD220	641-000	UNIT	04-142-009	E	
1153-086-010	1ERD230		010	1ERD230	641-000	UNIT	04-142-010	E	
1153-086-011	GRD		011	GRD	641-000	UNIT	04-142-011	E	
.....J1				645-143	JACK/UNIT	(MSCU2).....			
1153-087-000	GRD		000	GRD	641-000	UNIT	04-143-000	E	
	NC		001						
	NC		002						
1153-087-003	1PCSLD20		003	1PCSLD20	641-000	UNIT	04-143-003	E	
1153-087-004	1PCSLD21		004	1PCSLD21	641-000	UNIT	04-143-004	E	
1153-087-005	1PCSLD22		005	1PCSLD22	641-000	UNIT	04-143-005	E	
1153-087-006	1PCSLD23		006	1PCSLD23	641-000	UNIT	04-143-006	E	
1153-087-007	GRD		007	GRD	641-000	UNIT	04-143-007	E	
1153-087-008	GRD		008	GRD	641-000	UNIT	04-143-008	E	
1153-087-009	GRD		009	GRD	641-000	UNIT	04-143-009	E	
1153-087-010	GRD		010	GRD	641-000	UNIT	04-143-010	E	
1153-087-011	GRD		011	GRD	641-000	UNIT	04-143-011	E	
.....J2				645-142	JACK/UNIT	(MSCU2).....			
1153-086-013	GRD		013	GRD	641-000	UNIT	04-142-013	E	
	NC		014						
	NC		015						
1153-086-016	1CSAD200		016	1CSAD200	641-000	UNIT	04-142-016	E	
1153-086-017	1CSAD210		017	1CSAD210	641-000	UNIT	04-142-017	E	
1153-086-018	1CSAD220		018	1CSAD220	641-000	UNIT	04-142-018	E	
1153-086-019	1CSAD230		019	1CSAD230	641-000	UNIT	04-142-019	E	
1153-086-020	1CLRPPC2		020	1CLRPPC2	641-000	UNIT	04-142-020	E	
1153-086-021	1S1SL8D2		021	1S1SL8D2	641-000	UNIT	04-142-021	E	
1153-086-022	1SRD210		022	1SRD210	641-000	UNIT	04-142-022	E	
1153-086-023	1SRD230		023	1SRD230	641-000	UNIT	04-142-023	E	
1153-086-024	GRD		024	GRD	641-000	UNIT	04-142-024	E	
.....J2				645-143	JACK/UNIT	(MSCU2).....			
1153-087-013	GRD		013	GRD	641-000	UNIT	04-143-013	E	
	NC		014						
	NC		015						
1153-087-016	10MAHRD2		016	10MAHRD2	641-000	UNIT	04-143-016	E	
1153-087-017	10HARD02		017	10HARD02	641-000	UNIT	04-143-017	E	
1153-087-018	10MAQC02		018	10MAQC02	641-000	UNIT	04-143-018	E	
1153-087-019	10HARD02		019	10HARD02	641-000	UNIT	04-143-019	E	
1153-087-020	1CINT020		020	1CINT020	641-000	UNIT	04-143-020	E	
1153-087-021	1R1SL8D2		021	1R1SL8D2	641-000	UNIT	04-143-021	E	
1153-087-022	1SRD200		022	1SRD200	641-000	UNIT	04-143-022	E	
1153-087-023	1SRD220		023	1SRD220	641-000	UNIT	04-143-023	E	
1153-087-024	GRD		024	GRD	641-000	UNIT	04-143-024	E	

AP FIG 22 CAD 023 (CONT'D)										AP FIG 22 CAD 024 (CONT'D)										AP FIG 22 CAD 024 (CONT'D)																			
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										
J3 645-142 JACK/UNIT (MSCU2)										J1 545-144 (CONT'D) JACK/UNIT (MSCU2)										J4 545-144 JACK/UNIT (MSCU2)																			
1153-092-000	GRD			032	GRD	641-000 UNIT	04-142-032	E		053-086-008	0ERD310			008	0ERD310	541-000 UNIT	04-144-008	E		053-092-013	GRD			045	GRD	541-000 UNIT	04-144-045	E											
	NC			033						053-086-009	0ERD320			009	0ERD320	541-000 UNIT	04-144-009	E			053-092-016	NC			046														
1153-092-003	1DMAD201			035	1DMAD201	641-000 UNIT	04-142-035	E		053-086-010	0ERD330			010	0ERD330	541-000 UNIT	04-144-010	E			053-092-017	0DMAD031			047	0DMAD031	541-000 UNIT	04-144-047	E										
1153-092-004	1DMAD203			036	1DMAD203	641-000 UNIT	04-142-036	E		053-086-011	GRD			011	GRD	541-000 UNIT	04-144-011	E			053-092-018	0DMAD033			048	0DMAD033	541-000 UNIT	04-144-048	E										
1153-092-005	1DMAD205			037	1DMAD205	641-000 UNIT	04-142-037	E													053-092-019	0DMAD035			049	0DMAD035	541-000 UNIT	04-144-049	E										
1153-092-006	1DMAD207			038	1DMAD207	641-000 UNIT	04-142-038	E													053-092-020	0DMAD037			050	0DMAD037	541-000 UNIT	04-144-050	E										
1153-092-007	1DMAD209			039	1DMAD209	641-000 UNIT	04-142-039	E													053-092-021	GRD			051	GRD	541-000 UNIT	04-144-051	E										
1153-092-008	1DMAD211			040	1DMAD211	641-000 UNIT	04-142-040	E													053-092-022	0INTD310			052	0INTD310	541-000 UNIT	04-144-052	E										
1153-092-009	1DMAD213			041	1DMAD213	641-000 UNIT	04-142-041	E		053-087-000	GRD			000	GRD	541-000 UNIT	04-145-000	E			053-092-023	0INTD330			053	0INTD330	541-000 UNIT	04-144-053	E										
1153-092-010	1DMAD215			042	1DMAD215	641-000 UNIT	04-142-042	E			NC			001							053-092-024	GRD			054	GRD	541-000 UNIT	04-144-054	E										
1153-092-011	GRD			043	GRD	641-000 UNIT	04-142-043	E			NC			002										055	0INTD330	541-000 UNIT	04-144-055	E											
J3 645-143 JACK/UNIT (MSCU2)										J1 545-145 JACK/UNIT (MSCU2)										J4 545-145 JACK/UNIT (MSCU2)																			
1153-093-000	GRD			032	GRD	641-000 UNIT	04-143-032	E		053-087-003	0PCSLD30			003	0PCSLD30	541-000 UNIT	04-145-003	E		053-093-013	GRD			045	GRD	541-000 UNIT	04-145-045	E											
	NC			033						053-087-004	0PCSLD31			004	0PCSLD31	541-000 UNIT	04-145-004	E			053-093-016	NC			046														
1153-093-003	1DMAD200			035	1DMAD200	641-000 UNIT	04-143-035	E		053-087-005	0PCSLD32			005	0PCSLD32	541-000 UNIT	04-145-005	E			053-093-017	0DMAD030			047	0DMAD030	541-000 UNIT	04-145-047	E										
1153-093-004	1DMAD202			036	1DMAD202	641-000 UNIT	04-143-036	E		053-087-006	0PCSLD33			006	0PCSLD33	541-000 UNIT	04-145-006	E			053-093-018	0DMAD032			048	0DMAD032	541-000 UNIT	04-145-048	E										
1153-093-005	1DMAD204			037	1DMAD204	641-000 UNIT	04-143-037	E		053-087-007	GRD			007	GRD	541-000 UNIT	04-145-007	E			053-093-019	0DMAD034			049	0DMAD034	541-000 UNIT	04-145-049	E										
1153-093-006	1DMAD206			038	1DMAD206	641-000 UNIT	04-143-038	E		053-087-008	GRD			008	GRD	541-000 UNIT	04-145-008	E			053-093-020	0DMAD036			050	0DMAD036	541-000 UNIT	04-145-050	E										
1153-093-007	1DMAD208			039	1DMAD208	641-000 UNIT	04-143-039	E		053-087-009	GRD			009	GRD	541-000 UNIT	04-145-009	E			053-093-021	0DMAD038			051	0DMAD038	541-000 UNIT	04-145-051	E										
1153-093-008	1DMAD210			040	1DMAD210	641-000 UNIT	04-143-040	E		053-087-010	GRD			010	GRD	541-000 UNIT	04-145-010	E			053-093-022	GRD			052	GRD	541-000 UNIT	04-145-052	E										
1153-093-009	1DMAD212			041	1DMAD212	641-000 UNIT	04-143-041	E		053-087-011	GRD			011	GRD	541-000 UNIT	04-145-011	E			053-093-023	0INTD300			053	0INTD300	541-000 UNIT	04-145-053	E										
1153-093-010	1DMAD214			042	1DMAD214	641-000 UNIT	04-143-042	E			NC			012							053-093-024	0INTD320			054	0INTD320	541-000 UNIT	04-145-054	E										
1153-093-011	GRD			043	GRD	641-000 UNIT	04-143-043	E			NC			013										055	0INTD320	541-000 UNIT	04-145-055	E											
J4 645-142 JACK/UNIT (MSCU2)										J2 545-144 JACK/UNIT (MSCU2)										J4 545-145 JACK/UNIT (MSCU2)																			
1153-092-013	GRD			045	GRD	641-000 UNIT	04-142-045	E		053-086-015	0CSAD300			015	0CSAD300	541-000 UNIT	04-144-015	E		053-093-016	NC			046															
	NC			046						053-086-016	0CSAD310			016	0CSAD310	541-000 UNIT	04-144-016	E			053-093-017	0DMAD030			047	0DMAD030	541-000 UNIT	04-145-047	E										
1153-092-016	1DMAD021			048	1DMAD021	641-000 UNIT	04-142-048	E		053-086-017	0CSAD320			017	0CSAD320	541-000 UNIT	04-144-017	E			053-093-018	0DMAD032			048	0DMAD032	541-000 UNIT	04-145-048	E										
1153-092-017	1DMAD023			049	1DMAD023	641-000 UNIT	04-142-049	E		053-086-018	0CSAD330			018	0CSAD330	541-000 UNIT	04-144-018	E			053-093-019	0DMAD034			049	0DMAD034	541-000 UNIT	04-145-049	E										
1153-092-018	1DMAD025			050	1DMAD025	641-000 UNIT	04-142-050	E		053-086-019	0CLRPC03			019	0CLRPC03	541-000 UNIT	04-144-019	E			053-093-020	0DMAD036			050	0DMAD036	541-000 UNIT	04-145-050	E										
1153-092-019	1DMAD027			051	1DMAD027	641-000 UNIT	04-142-051	E		053-086-020	0CLRPC03			020	0CLRPC03	541-000 UNIT	04-144-020	E			053-093-021	0DMAD038			051	0DMAD038	541-000 UNIT	04-145-051	E										
1153-092-020	GRD			052	GRD	641-000 UNIT	04-142-052	E		053-086-021	0SLSL803			021	0SLSL803	541-000 UNIT	04-144-021	E			053-093-022	GRD			052	GRD	541-000 UNIT	04-145-052	E										
1153-092-021	GRD			053	GRD	641-000 UNIT	04-142-053	E		053-086-022	0SRD310			022	0SRD310	541-000 UNIT	04-144-022	E			053-093-023	0INTD300			053	0INTD300	541-000 UNIT	04-145-053	E										
1153-092-022	1INTD210			054	1INTD210	641-000 UNIT	04-142-054	E		053-086-023	0SRD330			023	0SRD330	541-000 UNIT	04-144-023	E			053-093-024	GRD			054	GRD	541-000 UNIT	04-145-054	E										
1153-092-023	1INTD230			055	1INTD230	641-000 UNIT	04-142-055	E		053-086-024	GRD			024	GRD	541-000 UNIT	04-144-024	E						055	0INTD320	541-000 UNIT	04-145-055	E											
1153-092-024	GRD			056	GRD	641-000 UNIT	04-142-056	E																056	GRD	541-000 UNIT	04-145-056												

AP FIG 17 CAD 025

(CONT'D)

TO	FROM CONNECTION								
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
1153-175-000	GRD		000	GRD	641-000	UNIT	04-145-000	0	
1153-175-001	NC		001						
1153-175-002	NC		002						
1153-175-003	1PCSLD30		003	1PCSLD30	641-000	UNIT	04-145-003	0	
1153-175-004	1PCSLD31		004	1PCSLD31	641-000	UNIT	04-145-004	0	
1153-175-005	1PCSLD32		005	1PCSLD32	641-000	UNIT	04-145-005	0	
1153-175-006	1PCSLD33		006	1PCSLD33	641-000	UNIT	04-145-006	0	
1153-175-007	GRD		007	GRD	641-000	UNIT	04-145-007	0	
1153-175-008	GRD		008	GRD	641-000	UNIT	04-145-008	0	
1153-175-009	GRD		009	GRD	641-000	UNIT	04-145-009	0	
1153-175-010	GRD		010	GRD	641-000	UNIT	04-145-010	0	
1153-175-011	GRD		011	GRD	641-000	UNIT	04-145-011	0	

1153-174-013	GRD		013	GRD	641-000	UNIT	04-144-013	0	
1153-174-016	1CSAD300		016	1CSAD300	641-000	UNIT	04-144-016	0	
1153-174-017	1CSAD310		017	1CSAD310	641-000	UNIT	04-144-017	0	
1153-174-018	1CSAD320		018	1CSAD320	641-000	UNIT	04-144-018	0	
1153-174-019	1CSAD330		019	1CSAD330	641-000	UNIT	04-144-019	0	
1153-174-020	1CLRPC03		020	1CLRPC03	641-000	UNIT	04-144-020	0	
1153-174-021	1SISL803		021	1SISL803	641-000	UNIT	04-144-021	0	
1153-174-022	1SRD310		022	1SRD310	641-000	UNIT	04-144-022	0	
1153-174-023	1SRD330		023	1SRD330	641-000	UNIT	04-144-023	0	
1153-174-024	GRD		024	GRD	641-000	UNIT	04-144-024	0	

1153-175-013	GRD		013	GRD	641-000	UNIT	04-145-013	0	
1153-175-016	1DMAD003		016	1DMAD003	641-000	UNIT	04-145-016	0	
1153-175-017	1DMAD003		017	1DMAD003	641-000	UNIT	04-145-017	0	
1153-175-018	1DMAD003		018	1DMAD003	641-000	UNIT	04-145-018	0	
1153-175-019	1DMAD003		019	1DMAD003	641-000	UNIT	04-145-019	0	
1153-175-020	1CINTD30		020	1CINTD30	641-000	UNIT	04-145-020	0	
1153-175-021	1RISL803		021	1RISL803	641-000	UNIT	04-145-021	0	
1153-175-022	1SRD300		022	1SRD300	641-000	UNIT	04-145-022	0	
1153-175-023	1SRD320		023	1SRD320	641-000	UNIT	04-145-023	0	
1153-175-024	GRD		024	GRD	641-000	UNIT	04-145-024	0	

1153-180-000	GRD		032	GRD	641-000	UNIT	04-144-032	0	
1153-180-003	1DMAD301		033	1DMAD301	641-000	UNIT	04-144-033	0	
1153-180-004	1DMAD303		034	1DMAD303	641-000	UNIT	04-144-034	0	
1153-180-005	1DMAD305		035	1DMAD305	641-000	UNIT	04-144-035	0	
1153-180-006	1DMAD307		036	1DMAD307	641-000	UNIT	04-144-036	0	
1153-180-007	1DMAD309		037	1DMAD309	641-000	UNIT	04-144-037	0	
1153-180-008	1DMAD311		038	1DMAD311	641-000	UNIT	04-144-038	0	
1153-180-009	1DMAD313		039	1DMAD313	641-000	UNIT	04-144-039	0	
1153-180-010	1DMAD315		040	1DMAD315	641-000	UNIT	04-144-040	0	
1153-180-011	GRD		041	GRD	641-000	UNIT	04-144-041	0	

1153-181-000	GRD		032	GRD	641-000	UNIT	04-145-032	0	
1153-181-003	1DMAD300		033	1DMAD300	641-000	UNIT	04-145-033	0	
1153-181-004	1DMAD302		034	1DMAD302	641-000	UNIT	04-145-034	0	
1153-181-005	1DMAD304		035	1DMAD304	641-000	UNIT	04-145-035	0	
1153-181-006	1DMAD306		036	1DMAD306	641-000	UNIT	04-145-036	0	
1153-181-007	1DMAD308		037	1DMAD308	641-000	UNIT	04-145-037	0	
1153-181-008	1DMAD310		038	1DMAD310	641-000	UNIT	04-145-038	0	
1153-181-009	1DMAD312		039	1DMAD312	641-000	UNIT	04-145-039	0	
1153-181-010	1DMAD314		040	1DMAD314	641-000	UNIT	04-145-040	0	
1153-181-011	GRD		041	GRD	641-000	UNIT	04-145-041	0	

1153-180-013	GRD		045	GRD	641-000	UNIT	04-144-045	0	
1153-180-016	1DMAD031		046	1DMAD031	641-000	UNIT	04-144-046	0	
1153-180-017	1DMAD033		047	1DMAD033	641-000	UNIT	04-144-047	0	

AP FIG 17 CAD 025

(CONT'D)

TO CONNECTION	FROM CONNECTION								
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
1153-180-018	1DMAD035		050	1DMAD035	641-000	UNIT	04-144-050	0	
1153-180-019	1DMAD037		051	1DMAD037	641-000	UNIT	04-144-051	0	
1153-180-020	GRD		052	GRD	641-000	UNIT	04-144-052	0	
1153-180-021	GRD		053	GRD	641-000	UNIT	04-144-053	0	
1153-180-022	1INTD310		054	1INTD310	641-000	UNIT	04-144-054	0	
1153-180-023	1INTD330		055	1INTD330	641-000	UNIT	04-144-055	0	
1153-180-024	GRD		056	GRD	641-000	UNIT	04-144-056	0	

1153-181-013	GRD		045	GRD	641-000	UNIT	04-145-045	0	
1153-181-016	1DMAD030		046	1DMAD030	641-000	UNIT	04-145-046	0	
1153-181-017	1DMAD032		047	1DMAD032	641-000	UNIT	04-145-047	0	
1153-181-018	1DMAD034		048	1DMAD034	641-000	UNIT	04-145-048	0	
1153-181-019	1DMAD036		049	1DMAD036	641-000	UNIT	04-145-049	0	
1153-181-020	1DMAD038		050	1DMAD038	641-000	UNIT	04-145-050	0	
1153-181-021	GRD		051	GRD	641-000	UNIT	04-145-051	0	
1153-181-022	1INTD300		052	1INTD300	641-000	UNIT	04-145-052	0	
1153-181-023	1INTD320		053	1INTD320	641-000	UNIT	04-145-053	0	
1153-181-024	GRD		054	GRD	641-000	UNIT	04-145-054	0	

AP FIG 1 CAD 026

MESSAGE INTERFACE BUS (PPC0)

TO CONNECTION	FROM CONNECTION								
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
545-040-234	01SY08SR		449	01SY08SR	524-000	UNIT	04-154-449		
545-040-235	014M08SR		450	014M08SR	524-000	UNIT	04-154-450		
545-040-236	011D08SR		451	011D08SR	524-000	UNIT	04-154-451		
545-040-237	010D08SR		452	010D08SR	524-000	UNIT	04-154-452		
545-040-334	01SY08S		549	01SY08S	524-000	UNIT	04-154-549		
545-040-335	014M08S		550	014M08S	524-000	UNIT	04-154-550		
545-040-336	011D08S		551	011D08S	524-000	UNIT	04-154-551		
545-040-337	010D08S		552	010D08S	524-000	UNIT	04-154-552		
528-154-449	01SY08SR		234	01SY08SR	541-000	UNIT	04-040-234		
528-154-450	014M08SR		235	014M08SR	541-000	UNIT	04-040-235		
528-154-451	011D08SR		236	011D08SR	541-000	UNIT	04-040-236		
528-154-452	010D08SR		237	010D08SR	541-000	UNIT	04-040-237		
528-154-549	01SY08S		334	01SY08S	541-000	UNIT	04-040-334		
528-154-550	014M08S		335	014M08S	541-000	UNIT	04-040-335		
528-154-551	011D08S		336	011D08S	541-000	UNIT	04-040-336		
528-154-552	010D08S		337	010D08S	541-000	UNIT	04-040-337		

545-045

MESSAGE INTERFACE BUS, DUAL MNP COM2

.....JZ	628-170	JACK/UNIT	(MCU)
653-176-239	105Y02CR	245	105Y02CR 624-000 UNIT 04-170-245
653-176-240	104M02CR	246	104M02CR 624-000 UNIT 04-170-246
653-176-241	101D02CR	247	101D02CR 624-000 UNIT 04-170-247
653-176-242	100D02CR	248	100D02CR 624-000 UNIT 04-170-248
653-176-339	105Y02CR	345	105Y02CR 624-000 UNIT 04-170-345
653-176-340	104M02CR	346	104M02CR 624-000 UNIT 04-170-346
653-176-341	101D02CR	347	101D02CR 624-000 UNIT 04-170-347
653-176-342	100D02CR	348	100D02CR 624-000 UNIT 04-170-348

MESSAGE INTERFACE BUS, SINGLE OR DUAL MNP COM3

.....J2		628-154	JACK/UNIT	(CMCU)
653-088-239	115Y10CR	236	115Y10CR 624-000	UNIT 04-154-236
653-088-240	114H10CR	237	114M10CR 624-000	UNIT 04-154-237
653-088-241	11D10CR	238	11D10CR 624-000	UNIT 04-154-238
653-088-242	11D10CR	239	11D10CR 624-000	UNIT 04-154-239
653-088-339	115Y10C	336	115Y10C 624-000	UNIT 04-154-336
653-088-340	114M10C	337	114M10C 624-000	UNIT 04-154-337
653-088-341	11D10C	338	11D10C 624-000	UNIT 04-154-338
653-088-342	11D10C	339	11D10C 624-000	UNIT 04-154-339

MESSAGE INTERFACE BUS, DUAL MMP COM3

—TO CONNECTION—				—FROM CONNECTION—					
<u>DESTINATION</u>	<u>LEAD DESIG</u>	<u>METHOD</u>	<u>WIRE SYM</u>	<u>TERMINAL</u>	<u>LEAD DESIG</u>	<u>TERMINATION</u>	<u>TERMINAL</u>	<u>OPT</u>	<u>NOTE</u>
.....J1			628-154	JACK/UNIT	(CHCU).....				
553-176-239	11SY10SR		436	11SY10SR	624-000	UNIT	04-154-436		
553-176-240	114M10SR		437	114M10SR	624-000	UNIT	04-154-437		
553-176-241	111D10SR		438	111D10SR	624-000	UNIT	04-154-438		
553-176-242	110D10SR		439	110D10SR	624-000	UNIT	04-154-439		
553-176-339	11SY10S		536	11SY10S	624-000	UNIT	04-154-536		
553-176-340	114M10S		537	114M10S	624-000	UNIT	04-154-537		
553-176-341	111D10S		538	111D10S	624-000	UNIT	04-154-538		
553-176-342	110D10S		539	110D10S	624-000	UNIT	04-154-539		

(CONT'D)

—TO CONNECTION—				—FROM CONNECTION—					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----J2				528-154	JACK/UNIT	(CMCU)	-----		
553-176-234	01SY10SR			436	01SY10SR	524-000	UNIT		04-154-436
553-176-235	014M10SR			437	014M10SR	524-000	UNIT		04-154-437
553-176-236	011D10SR			438	011D10SR	524-000	UNIT		04-154-438
553-176-237	010D10SR			439	010D10SR	524-000	UNIT		04-154-439
553-176-334	01SY10S			536	01SY10S	524-000	UNIT		04-154-536
553-176-335	014M10S			537	014M10S	524-000	UNIT		04-154-537
553-176-336	011D10S			538	011D10S	524-000	UNIT		04-154-538
553-176-337	010D10S			539	010D10S	524-000	UNIT		04-154-539

MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COMB

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	WIRE METHOD	SYMBOL	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1			528-170	JACK/UNIT	(CMCU).....				
433-088-234	00SY04SR			432	00SY04SR	524-000	UNIT	04-170-432	S
433-088-235	004M04SR			433	004M04SR	524-000	UNIT	04-170-433	S
433-088-236	001D04SR			434	001D04SR	524-000	UNIT	04-170-434	S
433-088-237	000D04SR			435	000D04SR	524-000	UNIT	04-170-435	S
433-088-334	00SY04S			532	00SY04S	524-000	UNIT	04-170-532	S
433-088-335	004M04S			533	004M04S	524-000	UNIT	04-170-533	S
433-088-336	001D04S			534	001D04S	524-000	UNIT	04-170-534	S
433-088-337	000D04S			535	000D04S	524-000	UNIT	04-170-535	S

MESSAGE INTERFACE BUS, DUAL MMP COMA

—TO CONNECTION—				—FROM CONNECTION—					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				528-170	JACK/UNIT	(CMCU).....			
753-176-234	00SY04CR			232	00SY04CR	524-000 UNIT	04-170-232	K	
753-176-235	004M04CR			233	004M04CR	524-000 UNIT	04-170-233	K	
753-176-236	001D04CR			234	001D04CR	524-000 UNIT	04-170-234	K	
753-176-237	000D04CR			235	000D04CR	524-000 UNIT	04-170-235	K	
753-176-334	00SY04C			332	00SY04C	524-000 UNIT	04-170-332	K	
753-176-335	004M04C			333	004M04C	524-000 UNIT	04-170-333	K	
753-176-336	001D04C			334	001D04C	524-000 UNIT	04-170-334	K	
753-176-337	000D04C			335	000D04C	524-000 UNIT	04-170-335	K	
.....J2				628-170	JACK/UNIT	(CMCU).....			
753-176-239	10SY04CR			232	10SY04CR	624-000 UNIT	04-170-232	K	
753-176-240	104M04CR			233	104M04CR	624-000 UNIT	04-170-233	K	
753-176-241	101D04CR			234	101D04CR	624-000 UNIT	04-170-234	K	
753-176-247	100D04CR			235	100D04CR	624-000 UNIT	04-170-235	K	
753-176-339	10SY04C			332	10SY04C	624-000 UNIT	04-170-332	K	
753-176-340	104M04C			333	104M04C	624-000 UNIT	04-170-333	K	
753-176-341	101D04C			334	101D04C	624-000 UNIT	04-170-334	K	
753-176-342	100D04C			335	100D04C	624-000 UNIT	04-170-335	K	

MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM5

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE
.....J1				528-154	JACK/UNIT	(CMCU).....			
753-088-234	01SY12CR			221	01SY12CR	524-000	UNIT	04-154-221	S
753-088-235	014M12CR			222	014M12CR	524-000	UNIT	04-154-222	S
753-088-236	011D12CR			223	011D12CR	524-000	UNIT	04-154-223	S
753-088-237	010012CR			224	010012CR	524-000	UNIT	04-154-224	S
753-088-334	01SY12C			321	01SY12C	524-000	UNIT	04-154-321	S
753-088-335	014M12C			322	014M12C	524-000	UNIT	04-154-322	S
753-088-336	011D12C			323	011D12C	524-000	UNIT	04-154-323	S
753-088-337	010012C			324	010012C	524-000	UNIT	04-154-324	S

MESSAGE INTERFACE BUS, DUAL RMP COM5

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1			628-154		JACK/UNIT	(CMCU).....			
453-176-239	115Y12SR		421		115Y12SR	624-000 UNIT	04-154-421	K	
453-176-240	114M12SR		422		114M12SR	624-000 UNIT	04-154-422	K	
453-176-241	111D12SR		423		111D12SR	624-000 UNIT	04-154-423	K	
453-176-242	110D12SR		424		110D12SR	624-000 UNIT	04-154-424	K	
453-175-339	115Y12S		521		115Y12S	624-000 UNIT	04-154-521	K	
453-176-340	114M12S		522		114M12S	624-000 UNIT	04-154-522	K	
453-176-341	111D12S		523		111D12S	624-000 UNIT	04-154-523	K	
453-176-342	110D12S		524		110D12S	624-000 UNIT	04-154-524	K	

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

DWG SIZE	ISSUE
C2	3B

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AP FIG 18 CAD 036

MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM6

AP FIG 22 CAD 038

(CONT'D)

AP FIG 17 CAD 041

MESSAGE INTERFACE BUS, DUAL MMP COM10

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J1	528-170	JACK/UNIT	(CMCU)						
353-088-234	00SY06SR			417	00SY06SR 524-000	UNIT	04-170-417	P	
353-088-235	004M06SR			418	004M06SR 524-000	UNIT	04-170-418	P	
353-088-236	001D06SR			419	001D06SR 524-000	UNIT	04-170-419	P	
353-088-237	000D06SR			420	000D06SR 524-000	UNIT	04-170-420	P	
353-088-334	00SY06S			517	00SY06S 524-000	UNIT	04-170-517	P	
353-088-335	004M06S			518	004M06S 524-000	UNIT	04-170-518	P	
353-088-336	001D06S			519	001D06S 524-000	UNIT	04-170-519	P	
353-088-337	000D06S			520	000D06S 524-000	UNIT	04-170-520	P	

J2	628-170	JACK/UNIT	(CMCU)						
353-088-239	10SY06SR			417	10SY06SR 624-000	UNIT	04-170-417	P	
353-088-240	104M06SR			418	104M06SR 624-000	UNIT	04-170-418	P	
353-088-241	101D06SR			419	101D06SR 624-000	UNIT	04-170-419	P	
353-088-242	100D06SR			420	100D06SR 624-000	UNIT	04-170-420	P	
353-088-339	10SY06S			517	10SY06S 624-000	UNIT	04-170-517	P	
353-088-340	104M06S			518	104M06S 624-000	UNIT	04-170-518	P	
353-088-341	101D06S			519	101D06S 624-000	UNIT	04-170-519	P	
353-088-342	100D06S			520	100D06S 624-000	UNIT	04-170-520	P	

AP FIG 18 CAD 037

MESSAGE INTERFACE BUS, DUAL MMP COM6

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J1	528-170	JACK/UNIT	(CMCU)						
853-176-234	00SY06CR			217	00SY06CR 524-000	UNIT	04-170-217	J	
853-176-235	004M06CR			218	004M06CR 524-000	UNIT	04-170-218	J	
853-176-236	001D06CR			219	001D06CR 524-000	UNIT	04-170-219	J	
853-176-237	000D06CR			220	000D06CR 524-000	UNIT	04-170-220	J	
853-176-334	00SY06C			317	00SY06C 524-000	UNIT	04-170-317	J	
853-176-335	004M06C			318	004M06C 524-000	UNIT	04-170-318	J	
853-176-336	001D06C			319	001D06C 524-000	UNIT	04-170-319	J	
853-176-337	000D06C			320	000D06C 524-000	UNIT	04-170-320	J	

J2	628-170	JACK/UNIT	(CMCU)						
853-176-239	10SY06CR			217	10SY06CR 624-000	UNIT	04-170-217	J	
853-176-240	104M06CR			218	104M06CR 624-000	UNIT	04-170-218	J	
853-176-241	101D06CR			219	101D06CR 624-000	UNIT	04-170-219	J	
853-176-242	100D06CR			220	100D06CR 624-000	UNIT	04-170-220	J	
853-176-339	10SY06C			317	10SY06C 624-000	UNIT	04-170-317	J	
853-176-340	104M06C			318	104M06C 624-000	UNIT	04-170-318	J	
853-176-341	101D06C			319	101D06C 624-000	UNIT	04-170-319	J	
853-176-342	100D06C			320	100D06C 624-000	UNIT	04-170-320	J	

AP FIG 22 CAD 038

MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM7

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J1	528-154	JACK/UNIT	(CMCU)						
853-088-234	01SY14CR			213	01SY14CR 524-000	UNIT	04-154-213	P	
853-088-235	014M14CR			214	014M14CR 524-000	UNIT	04-154-214	P	
853-088-236	011D14CR			215	011D14CR 524-000	UNIT	04-154-215	P	
853-088-237	010D14CR			216	010D14CR 524-000	UNIT	04-154-216	P	
853-088-334	01SY14C			313	01SY14C 524-000	UNIT	04-154-313	P	
853-088-335	014M14C			314	014M14C 524-000	UNIT	04-154-314	P	
853-088-336	011D14C			315	011D14C 524-000	UNIT	04-154-315	P	
853-088-337	010D14C			316	010D14C 524-000	UNIT	04-154-316	P	

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J2	628-154	JACK/UNIT	(CMCU)						
853-088-239	11SY14CR			213	11SY14CR 624-000	UNIT	04-154-213	P	
853-088-240	114M14CR			214	114M14CR 624-000	UNIT	04-154-214	P	
853-088-241	111D14CR			215	111D14CR 624-000	UNIT	04-154-215	P	
853-088-242	110D14CR			216	110D14CR 624-000	UNIT	04-154-216	P	
853-088-339	11SY14C			313	11SY14C 624-000	UNIT	04-154-313	P	
853-088-340	114M14C			314	114M14C 624-000	UNIT	04-154-314	P	
853-088-341	111D14C			315	111D14C 624-000	UNIT	04-154-315	P	
853-088-342	110D14C			316	110D14C 624-000	UNIT	04-154-316	P	

AP FIG 22 CAD 039

MESSAGE INTERFACE BUS, DUAL MMP COM7

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J1	628-154	JACK/UNIT	(CMCU)						
353-176-239	11SY14SR			413	11SY14SR 624-000	UNIT	04-154-413	J	
353-176-240	114M14SR			414	114M14SR 624-000	UNIT	04-154-414	J	
353-176-241	111D14SR			415	111D14SR 624-000	UNIT	04-154-415	J	
353-176-242	110D14SR			416	110D14SR 624-000	UNIT	04-154-416	J	
353-176-339	11SY14S			513	11SY14S 624-000	UNIT	04-154-513	J	
353-176-340	114M14S			514	114M14S 624-000	UNIT	04-154-514	J	
353-176-341	111D14S			515	111D14S 624-000	UNIT	04-154-515	J	
353-176-342	110D14S			516	110D14S 624-000	UNIT	04-154-516	J	

J2	528-154	JACK/UNIT	(CMCU)						
353-176-234	01SY14SR			413	01SY14SR 524-000	UNIT	04-154-413	J	
353-176-235	014M14SR			414	014M14SR 524-000	UNIT	04-154-414	J	
353-176-236	011D14SR			415	011D14SR 524-000	UNIT	04-154-415	J	
353-176-237	010D14SR			416	010D14SR 524-000	UNIT	04-154-416	J	
353-176-334	01SY14S			513	01SY14S 524-000	UNIT	04-154-513	J	
353-176-335	014M14S			514	014M14S 524-000	UNIT	04-154-514	J	
353-176-336	011D14S			515	011D14S 524-000	UNIT	04-154-515	J	
353-176-337	010D14S			516	010D14S 524-000	UNIT	04-154-516	J	

AP FIG 17 CAD 040

MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM10

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J1	628-154	JACK/UNIT	(CMCU)						
953-088-239	11SY02CR			245	11SY02CR 624-000	UNIT	04-154-245	R	
953-088-240	114M02CR			246	114M02CR 624-000	UNIT	04-154-246	R	
953-088-241	111D02CR			247	111D02CR 624-000	UNIT	04-154-247	R	
953-088-242	110D02CR			248	110D02CR 624-000	UNIT	04-154-248	R	
953-088-339	11SY02C			345	11SY02C 624-000	UNIT	04-154-345	R	
953-088-340	114M02C			346	114M02C 624-000	UNIT	04-154-346	R	
953-088-341	111D02C			347	111D02C 624-000	UNIT	04-154-347	R	
953-088-342	110D02C			348	110D02C 624-000	UNIT	04-154-348	R	

J2	528-154	JACK/UNIT	(CMCU)						
953-088-234	01SY02CR			245	01SY02CR 524-000	UNIT	04-154-245	R	
953-088-235	014M02CR			246	014M02CR 524-000	UNIT	04-154-246	R	
953-088-236	011D02CR			247	011D02CR 524-000	UNIT	04-154-247	R	
953-088-237	010D02CR			248	010D02CR 524-000	UNIT	04-154-248	R	
953-088-334	01SY02C			345	01SY02C 524-000	UNIT	04-154-345	R	
953-088-335	014M02C			346	014M02C 524-000	UNIT	04-154-346	R	
953-088-336	011D02C			347	011D02C 524-000	UNIT	04-154-347	R	
953-088-337	010D02C			348	010D02C 524-000	UNIT	04-154-348	R</	

AP FIG 22 CAD 043

MESSAGE INTERFACE BUS, DUAL MHP COM11

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
J1 528-170 JACK/UNIT (CMCU).....										J2 628-170 JACK/UNIT (CMCU).....									
953-176-234	00SY10CR			236	00SY10CR	524-000	UNIT	04-170-236	G	153-176-239	11SY04SR			432	11SY04SR	624-000	UNIT	04-170-239	G
953-176-235	004M10CR			237	004M10CR	524-000	UNIT	04-170-237	G	153-176-240	114M04SR			433	114M04SR	624-000	UNIT	04-170-240	G
953-176-236	00D101CR			238	00D101CR	524-000	UNIT	04-170-238	G	153-176-241	11D004SR			434	11D004SR	624-000	UNIT	04-170-241	G
953-176-237	00D010CR			239	00D010CR	524-000	UNIT	04-170-239	G	153-176-242	11D004SR			435	11D004SR	624-000	UNIT	04-170-242	G
953-176-334	00SY10C			336	00SY10C	524-000	UNIT	04-170-336	G	153-176-339	11SY04S			532	11SY04S	624-000	UNIT	04-170-339	G
953-176-335	004M10C			337	004M10C	524-000	UNIT	04-170-337	G	153-176-340	114M04S			533	114M04S	624-000	UNIT	04-170-340	G
953-176-336	00D101C			338	00D101C	524-000	UNIT	04-170-338	G	153-176-341	11D004S			534	11D004S	624-000	UNIT	04-170-341	G
953-176-337	00D010C			339	00D010C	524-000	UNIT	04-170-339	G	153-176-342	11D004S			535	11D004S	624-000	UNIT	04-170-342	G

AP FIG 18 CAD 045

(CONT'D)

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
J1 528-170 JACK/UNIT (CMCU).....										J2 628-154 JACK/UNIT (CMCU).....									
153-088-234	00SY12SR			421	00SY12SR	524-000	UNIT	04-170-421	N	1153-088-239	11SY06CR			217	11SY06CR	624-000	UNIT	04-154-217	O
153-088-235	004M12SR			422	004M12SR	524-000	UNIT	04-170-422	N	1153-088-240	114M06CR			218	114M06CR	624-000	UNIT	04-154-218	O
153-088-236	00D12SR			423	00D12SR	524-000	UNIT	04-170-423	N	1153-088-241	11D006CR			219	11D006CR	624-000	UNIT	04-154-219	O
153-088-237	00D012SR			424	00D012SR	524-000	UNIT	04-170-424	N	1153-088-242	11D006CR			220	11D006CR	624-000	UNIT	04-154-220	O
153-088-334	00SY12S			521	00SY12S	524-000	UNIT	04-170-521	N	1153-088-339	11SY06C			317	11SY06C	624-000	UNIT	04-154-317	O
153-088-335	004M12S			522	004M12S	524-000	UNIT	04-170-522	N	1153-088-340	114M06C			318	114M06C	624-000	UNIT	04-154-318	O
153-088-336	00D12S			523	00D12S	524-000	UNIT	04-170-523	N	1153-088-341	11D006C			319	11D006C	624-000	UNIT	04-154-319	O
153-088-337	00D012S			524	00D012S	524-000	UNIT	04-170-524	N	1153-088-342	11D006C			320	11D006C	624-000	UNIT	04-154-320	O

AP FIG 22 CAD 046

MESSAGE INTERFACE BUS, SINGLE OR DUAL MHP COM13

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
J1 528-170 JACK/UNIT (CMCU).....										J2 628-170 JACK/UNIT (CMCU).....									
153-088-239	10SY12SR			421	10SY12SR	624-000	UNIT	04-170-421	N	053-176-234	01SY06SR			417	01SY06SR	524-000	UNIT	04-154-417	E
153-088-240	104M12SR			422	104M12SR	624-000	UNIT	04-170-422	N	053-176-235	014M06SR			418	014M06SR	524-000	UNIT	04-154-418	E
153-088-241	10D12SR			423	10D12SR	624-000	UNIT	04-170-423	N	053-176-236	01D006SR			419	01D006SR	524-000	UNIT	04-154-419	E
153-088-242	10D012SR			424	10D012SR	624-000	UNIT	04-170-424	N	053-176-237	01D006SR			420	01D006SR	524-000	UNIT	04-154-420	E
153-088-339	10SY12S			521	10SY12S	624-000	UNIT	04-170-521	N	053-176-334	01SY06S			517	01SY06S	524-000	UNIT	04-154-517	E
153-088-340	104M12S			522	104M12S	624-000	UNIT	04-170-522	N	053-176-335	014M06S			518	014M06S	524-000	UNIT	04-154-518	E
153-088-341	10D12S			523	10D12S	624-000	UNIT	04-170-523	N	053-176-336	01D006S			519	01D006S	524-000	UNIT	04-154-519	E
153-088-342	10D012S			524	10D012S	624-000	UNIT	04-170-524	N	053-176-337	01D006S			520	01D006S	524-000	UNIT	04-154-520	E

AP FIG 22 CAD 047

MESSAGE INTERFACE BUS, DUAL MHP COM13

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
J1 528-170 JACK/UNIT (CMCU).....										J2 628-170 JACK/UNIT (CMCU).....									
1053-176-234	00SY12CR			221	00SY12CR	524-000	UNIT	04-170-221	F	1053-176-239	10SY12CR			221	10SY12CR	624-000	UNIT	04-170-221	F
1053-176-235	004M12CR			222	004M12CR	524-000	UNIT	04-170-222	F	1053-176-240	104M12CR			222	104M12CR	624-000	UNIT	04-170-222	F
1053-176-236	00D12CR			223	00D12CR	524-000	UNIT	04-170-223	F	1053-176-241	10D12CR			223	10D12CR	624-000	UNIT	04-170-223	F
1053-176-237	00D012CR			224	00D012CR	524-000	UNIT	04-170-224	F	1053-176-242	10D012CR			224	10D012CR	624-000	UNIT	04-170-224	F
1053-176-334	00SY12C			321	00SY12C	524-000	UNIT	04-170-321	F	1053-176-339	10SY12C			321	10SY12C	624-000	UNIT	04-170-321	F
1053-176-335	004M12C			322	004M12C	524-000	UNIT	04-170-322	F	1053-176-340	104M12C			322	104M12C	624-000	UNIT	04-170-322	F
1053-176-336	00D12C			323	00D12C	524-000	UNIT	04-170-323	F	1053-176-341	10D12C			323	10D12C	624-000	UNIT	04-170-323	F
1053-176-337	00D012C			324	00D012C	524-000	UNIT	04-170-324	F	1053-176-342	10D012C			324	10D012C	624-000	UNIT	04-170-324	F

AP FIG 18 CAD 045

MESSAGE INTERFACE BUS, DUAL MHP COM12

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
J1 528-154 JACK/UNIT (CMCU).....										J2 628-154 JACK/UNIT (CMCU).....									
153-176-234	01SY04SR			432	01SY04SR	524-000	UNIT	04-154-432	F	153-176-239	10SY12CR			221	10SY12CR	624-000	UNIT	04-170-221	F
153-176-235	014M04SR			433	014M04SR	524-000	UNIT	04-154-433	F	153-176-240	104M12CR			222	104M12CR	624-000	UNIT	04-170-222	F
153-176-236	01D004SR			434	01D004SR	524-000	UNIT	04-154-434	F	153-176-241	10D12CR			223	10D12CR	624-000	UNIT	04-170-223	F
153-176-237	01D004SR			435	01D004SR	524-000	UNIT	04-154-435	F	153-176-242	10D012CR			224	10D012CR	624-000	UNIT	04-170-224	F
153-176-334	01SY04S			532	01SY04S	524-000	UNIT	04-154-532	F	153-176-339	10SY12C			321	10SY12C	624-000	UNIT	04-170-321	F
153-176-335	014M04S			533	014M04S	524-000	UNIT	04-154-533	F	153-176-340	104M12C			322	104M12C	624-000	UNIT	04-170-322	F
153-176-336	01D004S			534	01D004S	524-000	UNIT	04-154-534	F	153-176-341	10D12C			323	10D12C	624-000	UNIT	04-170-323	F
153-176-337	01D004S			535	01D004S	524-000	UNIT	04-154-535	F	153-176-342	10D012C			324	10D012C	624-000	UNIT	04-170-324	F

AP FIG 17 CAD 048

MESSAGE INTERFACE BUS, SINGLE OR DUAL MHP COM14

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
J1 628-154 JACK/UNIT (CMCU).....										J2 628-154 JACK/UNIT (CMCU).....									
1153-088-239	11SY06CR			217	11SY06CR	624-000	UNIT	04-154-217	O	1153-088-234	01SY06CR</								

MESSAGE INTERFACE BUS, SINGLE OR DUAL MMP COM15

MESSAGE INTERFACE BUS, DUAL MHP COM15

CONTROL AND DIAGNOSTIC, SIDE D, LINK A

(CONT'D)

CONTROL AND DIAGNOSTIC, SIDE 0, LINK 8

(CONT'D)

CONTROL AND DIAGNOSTIC, SIDE 1, LINK A

IN U.S.A.

AP FIG 1 CAD 054
(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J2				628-162	JACK/UNIT (CMCU)				
545-056-446	NC			432					
545-056-447	10NCSEL			433	10NCSEL 624-000 UNIT	04-162-433			
545-056-448	10LISLO			434	10LISLO 624-000 UNIT	04-162-434			
545-056-449	10TRCKO			435	10TRCKO 624-000 UNIT	04-162-435			
545-056-450	10DVAL			436	10DVAL 624-000 UNIT	04-162-436			
545-056-451	10RCVOT			437	10RCVOT 624-000 UNIT	04-162-437			
545-056-452	10TRMDT			438	10TRMDT 624-000 UNIT	04-162-438			
545-056-453	10NCIT1			439	10NCIT1 624-000 UNIT	04-162-439			
545-056-454	10LIT1T			440	10LIT1T 624-000 UNIT	04-162-440			
545-056-455	10SACAL			441	10SACAL 624-000 UNIT	04-162-441			
545-056-456	10ACCAL			442	10ACCAL 624-000 UNIT	04-162-442			
545-056-457	10MSR1			443	10MSR1 624-000 UNIT	04-162-443			
545-056-458	NC			532					
545-056-459	10NCSEL			533	10NCSEL 624-000 UNIT	04-162-533			
545-056-460	10LISLO			534	10LISLO 624-000 UNIT	04-162-534			
545-056-461	10TRCK1R			535	10TRCK1R 624-000 UNIT	04-162-535			
545-056-462	10DVAL			536	10DVAL 624-000 UNIT	04-162-536			
545-056-463	10RCVOT			537	10RCVOT 624-000 UNIT	04-162-537			
545-056-464	10TRMDT			538	10TRMDT 624-000 UNIT	04-162-538			
545-056-465	10NCIT1R			539	10NCIT1R 624-000 UNIT	04-162-539			
545-056-466	10LIT1TR			540	10LIT1TR 624-000 UNIT	04-162-540			
545-056-467	10STADAR			541	10STADAR 624-000 UNIT	04-162-541			
545-056-468	10ACTDAR			542	10ACTDAR 624-000 UNIT	04-162-542			
545-056-469	10MSROR			543	10MSROR 624-000 UNIT	04-162-543			

AP FIG 1 CAD 055

CONTROL AND DIAGNOSTIC, SIDE 1, LINK B

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J1				628-162	JACK/UNIT (CMCU)				
645-056-438	11THRST			251	11THRST 624-000 UNIT	04-162-251			
645-056-439	11MIINT1			252	11MIINT1 624-000 UNIT	04-162-252			
645-056-440	11THSIT1			253	11THSIT1 624-000 UNIT	04-162-253			
645-056-441	11MISEL1			254	11MISEL1 624-000 UNIT	04-162-254			
645-056-442	11THSEL			255	11THSEL 624-000 UNIT	04-162-255			
645-056-443	11THRDY			256	11THRDY 624-000 UNIT	04-162-256			
645-056-444	11THRST			351	11THRST 624-000 UNIT	04-162-351			
645-056-445	11MIINT1R			352	11MIINT1R 624-000 UNIT	04-162-352			
645-056-446	11THSIT1R			353	11THSIT1R 624-000 UNIT	04-162-353			
645-056-447	11MISEL1R			354	11MISEL1R 624-000 UNIT	04-162-354			
645-056-448	11THSEL			355	11THSEL 624-000 UNIT	04-162-355			
645-056-449	11THRDYR			356	11THRDYR 624-000 UNIT	04-162-356			

J2				628-162	JACK/UNIT (CMCU)				
545-056-438	10THRST			451	10THRST 624-000 UNIT	04-162-451			
545-056-439	10MIINT1			452	10MIINT1 624-000 UNIT	04-162-452			
545-056-440	10THSIT1			453	10THSIT1 624-000 UNIT	04-162-453			
545-056-441	10MISEL1			454	10MISEL1 624-000 UNIT	04-162-454			
545-056-442	10THSEL			455	10THSEL 624-000 UNIT	04-162-455			
545-056-443	10THRDY			456	10THRDY 624-000 UNIT	04-162-456			
545-056-444	10THRST			551	10THRST 624-000 UNIT	04-162-551			
545-056-445	10MIINT1R			552	10MIINT1R 624-000 UNIT	04-162-552			
545-056-446	10THSIT1R			553	10THSIT1R 624-000 UNIT	04-162-553			
545-056-447	10MISEL1R			554	10MISEL1R 624-000 UNIT	04-162-554			
545-056-448	10THSEL			555	10THSEL 624-000 UNIT	04-162-555			
545-056-449	10THRDYR			556	10THRDYR 624-000 UNIT	04-162-556			

AP FIG 1 CAD 056

TMS INTERFACE CABLE, LOWER TMSU2

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J1				528-154	JACK/UNIT (CMCU)				
519-088-004	NC			045					
519-088-005	10M1320C			046	10M1320C 524-000 UNIT	04-154-046			
519-088-006	10THSIDC			047	10THSIDC 524-000 UNIT	04-154-047			
519-088-007	GRD			048	GRD 524-000 UNIT	04-154-048			
519-088-008	10M18KC			049	10M18KC 524-000 UNIT	04-154-049			
519-088-009	10M18KC			050	10M18KC 524-000 UNIT	04-154-050			
519-088-010	GRD			051	GRD 524-000 UNIT	04-154-051			
519-088-011	10M132C			052	10M132C 524-000 UNIT	04-154-052			
519-088-012	GRD			053	GRD 524-000 UNIT	04-154-053			
519-088-013	10M1320T			054	10M1320T 524-000 UNIT	04-154-054			
519-088-014	10THSIDT			055	10THSIDT 524-000 UNIT	04-154-055			
519-088-015	GRD			056	GRD 524-000 UNIT	04-154-056			
519-088-016	10M18KT			057	10M18KT 524-000 UNIT	04-154-057			
519-088-017	10M18KT			058	10M18KT 524-000 UNIT	04-154-058			
519-088-018	GRD			059	GRD 524-000 UNIT	04-154-059			
519-088-019	10M132T			060	10M132T 524-000 UNIT	04-154-060			

J2				628-154	JACK/UNIT (CMCU)				
619-088-004	NC			045					
619-088-005	11M1320C			046	11M1320C 624-000 UNIT	04-154-046			
619-088-006	11THSIDC			047	11THSIDC 624-000 UNIT	04-154-047			
619-088-007	GRD			048	GRD 624-000 UNIT	04-154-048			
619-088-008	11M18KC			049	11M18KC 624-000 UNIT	04-154-049			
619-088-009	11M18KC			050	11M18KC 624-000 UNIT	04-154-050			
619-088-010	GRD			051	GRD 624-000 UNIT	04-154-051			
619-088-011	11M132C			052	11M132C 624-000 UNIT	04-154-052			
619-088-012	GRD			053	GRD 624-000 UNIT	04-154-053			
619-088-013	11M1320T			054	11M1320T 624-000 UNIT	04-154-054			
619-088-014	11THSIDT			055	11THSIDT 624-000 UNIT	04-154-055			
619-088-015	GRD			056	GRD 624-000 UNIT	04-154-056			
619-088-016	11M18KT			057	11M18KT 624-000 UNIT	04-154-057			
619-088-017	11M18KT			058	11M18KT 624-000 UNIT	04-154-058			
619-088-018	GRD			059	GRD 624-000 UNIT	04-154-059			
619-088-019	11M132T			060	11M132T 624-000 UNIT	04-154-060			

AP FIG 1 CAD 057

TMS INTERFACE CABLE, UPPER TMSU2

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J1				528-170	JACK/UNIT (CMCU)				
536-088-004	NC			045					
536-088-005	00M1320C			046	00M1320C 524-000 UNIT	04-170-046			
536-088-006	00THSIDC			047	00THSIDC 524-000 UNIT	04-170-047			
536-088-007	GRD			048	GRD 524-000 UNIT	04-170-048			
536-088-008	00M18KC			049	00M18KC 524-000 UNIT	04-170-049			
536-088-009	GRD			050	GRD 524-000 UNIT	04-170-050			
536-088-010	00M132C			051	00M132C 524-000 UNIT	04-170-051			
536-088-011	GRD			052	GRD 524-000 UNIT	04-170-052			
536-088-012	00M1320T			053	00M1320T 524-000 UNIT	04-170-053			
536-088-013	00THSIDT			054	00THSIDT 524-000 UNIT	04-170-054			
536-088-014	GRD			055	GRD 524-000 UNIT	04-170-055			
536-088-015	00M18KT			056	00M18KT 524-000 UNIT	04-170-056			
536-088-016	00M18KT			057	00M18KT 524-000 UNIT	04-170-057			
536-088-017	GRD			058	GRD 524-000 UNIT	04-170-058			
536-088-018	00M132T			059	00M132T 524-000 UNIT	04-170-059			

J2				628-170	JACK/UNIT (CMCU)				
636-088-004	NC			045					
636-088-005	01M1320C			046	01M1320C 624-000 UNIT	04-170-046			
636-088-006	01THSIDC			047	01THSIDC 624-000 UNIT	04-170-047			
636-088-007	GRD			048	GRD 624-000 UNIT	04-170-048			
636-088-008	01M18KC			049	01M18KC 624-000 UNIT	04-170-049			
636-088-009	01M18KC			050	01M18KC 624-000 UNIT	04-170-050			
636-088-010	GRD			051	GRD 624-000 UNIT	04-170-051			
636-088-011	01M132C			052	01M132C 624-000 UNIT	04-170-052			
636-088-012	GRD			053	GRD 624-000 UNIT	04-170-053			
636-088-013	01M1320T			054	01M1320T 624-000 UNIT	04-170-054			
636-088-014	01THSIDT			055	01THSIDT 624-000 UNIT	04-170-055			
636-088-015	GRD			056	GRD 624-000 UNIT	04-170-056			

AP FIG 1 CAD 057

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----J2			628-170 (CONT'D)		JACK/UNIT (CMCU)-----				
636-088-107	01MIDAT		149		01MIDAT	624-000 UNIT	04-170-149		
636-088-108	01MIBKT		150		01MIBKT	624-000 UNIT	04-170-150		
636-088-109	GRD		151		GRD	624-000 UNIT	04-170-151		
636-088-110	01M132T		152		01M132T	624-000 UNIT	04-170-152		

(CONT'D)

AP FIG 1 CAD 060

NETWORK CLOCK COAX CABLES

TO CONNECTION			FROM CONNECTION					OFF	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				526-064A	JACK/UNIT	(CMCU).....			
TO DSX	OREF2N			007	OREF2N	524-000	UNIT	02-064A-007	Y
BRDG RPTR	OREF2P			108	OREF2P	524-000	UNIT	02-064A-108	Y
.....J1				526-064C	JACK/UNIT	(CMCU).....			
TO DSX	OREF4N			023	OREF4N	524-000	UNIT	02-064C-023	Y
BRDG RPTR	OREF4P			124	OREF4P	524-000	UNIT	02-064C-124	Y
.....J1				526-077A	JACK/UNIT	(CMCU).....			
TO DSX	OREF6N			007	OREF6N	524-000	UNIT	02-077A-007	Y
BRDG RPTR	OREF6P			108	OREF6P	524-000	UNIT	02-077A-108	Y
.....J1				526-077C	JACK/UNIT	(CMCU).....			
TO DSX	OREF8N			023	OREF8N	524-000	UNIT	02-077C-023	Y
BRDG RPTR	OREF8P			124	OREF8P	524-000	UNIT	02-077C-124	Y

(CONT'D)

TO CONNECTION			FROM CONNECTION							OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
.....J1				530-064A	JACK/UNIT	(CMCU).....					
TO DSX BRDG RPTR	OREF3N OREF3P			038 139	OREF3N OREF3P	524-000 UNIT 524-000 UNIT	06-064A-038 06-064A-139		Y Y		
.....J1				530-064B	JACK/UNIT	(CMCU).....					
TO DSX BRDG RPTR	OREF1N OREF1P			053 154	OREF1N OREF1P	524-000 UNIT 524-000 UNIT	06-064B-053 06-064B-154		Y Y		
.....J1				530-077A	JACK/UNIT	(CMCU).....					
TO DSX BRDG RPTR	OREF7N OREF7P			038 139	OREF7N OREF7P	524-000 UNIT 524-000 UNIT	06-077A-038 06-077A-139		Y Y		
.....J1				530-077B	JACK/UNIT	(CMCU).....					
TO DSX BRDG RPTR	OREF5N OREF5P			053 154	OREF5N OREF5P	524-000 UNIT 524-000 UNIT	06-077B-053 06-077B-154		Y Y		
.....J1				626-064A	JACK/UNIT	(CMCU).....					
TO DSX BRDG RPTR	1REF2N 1REF2P			007 108	1REF2N 1REF2P	624-000 UNIT 624-000 UNIT	02-064A-007 02-064A-108		Y Y		
.....J1				626-064C	JACK/UNIT	(CMCU).....					
TO DSX BRDG RPTR	1REF4N 1REF4P			023 124	1REF4N 1REF4P	624-000 UNIT 624-000 UNIT	02-064C-023 02-064C-124		Y Y		
.....J1				626-077A	JACK/UNIT	(CMCU).....					
TO DSX BRDG RPTR	1REF6N 1REF6P			007 108	1REF6N 1REF6P	624-000 UNIT 624-000 UNIT	02-077A-007 02-077A-108		Y Y		
.....J1				626-077C	JACK/UNIT	(CMCU).....					
TO DSX BRDG RPTR	1REF8N 1REF8P			023 124	1REF8N 1REF8P	624-000 UNIT 624-000 UNIT	02-077C-023 02-077C-124		Y Y		
.....J1				630-064A	JACK/UNIT	(CMCU).....					
TO DSX BRDG RPTR	1REF3N 1REF3P			038 139	1REF3N 1REF3P	624-000 UNIT 624-000 UNIT	06-064A-038 06-064A-139		Y Y		
.....J1				630-064B	JACK/UNIT	(CMCU).....					
TO DSX BRDG RPTR	1REF1N 1REF1P			053 154	1REF1N 1REF1P	624-000 UNIT 624-000 UNIT	06-064B-053 06-064B-154		Y Y		
.....J1				630-077A	JACK/UNIT	(CMCU).....					
TO DSX BRDG RPTR	1REF7N 1REF7P			038 139	1REF7N 1REF7P	624-000 UNIT 624-000 UNIT	06-077A-038 06-077A-139		Y Y		
.....J1				630-077B	JACK/UNIT	(CMCU).....					
TO DSX BRDG RPTR	1REF5N 1REF5P			053 154	1REF5N 1REF5P	624-000 UNIT 624-000 UNIT	06-077B-053 06-077B-154		Y Y		

NETWORK CLOCK CABLES

TO CONNECTION			FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
	J1			628-080	JACK/UNIT	(CMCU)			
	NC			207					
	NC			208					
	NC			209					
	NC			256					
TO DSX	1REF6N			307	1REF6N	624-000 UNIT	04-080-307	Z	
BROG RPTR	1REF6P			308	1REF6P	624-000 UNIT	04-080-308	Z	
	NC			309					
	J2			528-058	JACK/UNIT	(CMCU)			
	NC			254					
	NC			255					
	NC			256					
TO DSX	OREF1N			354	OREF1N	524-000 UNIT	04-058-354	Z	
BROG RPTR	OREF1P			355	OREF1P	524-000 UNIT	04-058-355	Z	
	NC			356					
	J3			528-058	JACK/UNIT	(CMCU)			
	NC			239					
	NC			240					
	NC			241					
TO DSX	OREF3N			339	OREF3N	524-000 UNIT	04-058-339	Z	
BROG RPTR	OREF3P			340	OREF3P	524-000 UNIT	04-058-340	Z	
	NC			341					
	J4			528-058	JACK/UNIT	(CMCU)			
	NC			222					
	NC			223					
	NC			224					
TO DSX	OREF4N			322	OREF4N	524-000 UNIT	04-058-322	Z	
BROG RPTR	OREF4P			323	OREF4P	524-000 UNIT	04-058-323	Z	
	NC			324					
	J5			528-058	JACK/UNIT	(CMCU)			
	NC			207					
	NC			208					
	NC			209					
TO DSX	OREF2N			307	OREF2N	524-000 UNIT	04-058-307	Z	
BROG RPTR	OREF2P			308	OREF2P	524-000 UNIT	04-058-308	Z	
	NC			309					
	J6			528-060	JACK/UNIT	(CMCU)			
	NC			254					
	NC			255					
	NC			256					
TO DSX	OREF5N			354	OREF5N	524-000 UNIT	04-080-354	Z	
BROG RPTR	OREF5P			355	OREF5P	524-000 UNIT	04-080-355	Z	
	NC			356					
	J7			528-080	JACK/UNIT	(CMCU)			
	NC			239					
	NC			240					
	NC			241					
TO DSX	OREF7N			339	OREF7N	524-000 UNIT	04-080-339	Z	
BROG RPTR	OREF7P			340	OREF7P	524-000 UNIT	04-080-340	Z	
	NC			341					
	NC			356					

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

DWG SIZE
C

ISSUE
3B

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SD-50144-02

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AP FIG 1 CAD 061A
(CONT'D)

TO CONNECTION		FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO DSX BRDG RPTR	J8			528-080	JACK/UNIT	(CMCU)			
	NC			222					
	NC			223					
	NC			224					
	OREF8N			322	OREF8N	524-000 UNIT	04-080-322	Z	
TO DSX BRDG RPTR	J9			528-080	JACK/UNIT	(CMCU)			
	NC			207					
	NC			208					
	NC			209					
	OREF6N			307	OREF6N	524-000 UNIT	04-080-307	Z	
TO DSX BRDG RPTR	J10			628-058	JACK/UNIT	(CMCU)			
	NC			254					
	NC			255					
	NC			256					
	1REF1N			354	1REF1N	624-000 UNIT	04-058-354	Z	
TO DSX BRDG RPTR	J11			628-058	JACK/UNIT	(CMCU)			
	NC			239					
	NC			240					
	NC			241					
	1REF3N			339	1REF3N	624-000 UNIT	04-058-339	Z	
TO DSX BRDG RPTR	J12			628-058	JACK/UNIT	(CMCU)			
	NC			222					
	NC			223					
	NC			224					
	1REF4N			322	1REF4N	624-000 UNIT	04-058-322	Z	
TO DSX BRDG RPTR	J13			628-058	JACK/UNIT	(CMCU)			
	NC			207					
	NC			208					
	NC			209					
	1REF2N			307	1REF2N	624-000 UNIT	04-058-307	Z	
TO DSX BRDG RPTR	J14			628-080	JACK/UNIT	(CMCU)			
	NC			254					
	NC			255					
	NC			256					
	1REF5N			354	1REF5N	624-000 UNIT	04-080-354	Z	
TO DSX BRDG RPTR	J15			628-080	JACK/UNIT	(CMCU)			
	NC			239					
	NC			240					
	NC			241					
	1REF7N			339	1REF7N	624-000 UNIT	04-080-339	Z	
TO DSX BRDG RPTR	J16			628-080	JACK/UNIT	(CMCU)			
	NC			222					
	NC			223					
	NC			224					
	OREF8P			323	OREF8P	524-000 UNIT	04-080-323	Z	

AP FIG 1 CAD 061A
(CONT'D)

TO CONNECTION		FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO DSX BRDG RPTR	J16			628-080 (CONT'D)	JACK/UNIT	(CMCU)			
	NC			322	1REF8N	624-000 UNIT	04-080-322	Z	
	NC			323	1REF8P	624-000 UNIT	04-080-323	Z	
	NC			324					
	OREF8P								
AP FIG 1 CAD 061B NETWORK CLOCK CABLES									
TO CONNECTION		FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO DIGITAL LINE TRUNK UNIT INTERNATIONAL	J1			628-080	JACK/UNIT	(CMCU)			
	NC			207					
	NC			208					
	NC			209					
	1REF6N			307	1REF6N	624-000 UNIT	04-080-307	WG	
TO DIGITAL LINE TRUNK UNIT INTERNATIONAL	J2			528-058	JACK/UNIT	(CMCU)			
	NC			254					
	NC			255					
	NC			256					
	OREF1N			354	OREF1N	524-000 UNIT	04-058-354	WG	
TO DIGITAL LINE TRUNK UNIT INTERNATIONAL	J3			528-058	JACK/UNIT	(CMCU)			
	NC			239					
	NC			240					
	NC			241					
	OREF3N			339	OREF3N	524-000 UNIT	04-058-339	WG	
TO DIGITAL LINE TRUNK UNIT INTERNATIONAL	J4			528-058	JACK/UNIT	(CMCU)			
	NC			222					
	NC			223					
	NC			224					
	OREF4N			322	OREF4N	524-000 UNIT	04-058-322	WG	
TO DIGITAL LINE TRUNK UNIT INTERNATIONAL	J5			528-058	JACK/UNIT	(CMCU)			
	NC			207					
	NC			208					
	NC			209					
	OREF2N			307	OREF2N	524-000 UNIT	04-058-307	WG	
TO DIGITAL LINE TRUNK UNIT INTERNATIONAL	J6			528-080	JACK/UNIT	(CMCU)			
	NC			254					
	NC			255					
	NC			256					
	OREF5N			354	OREF5N	524-000 UNIT	04-080-354	WG	

AP FIG 1 CAD 061B
(CONT'D)

TO CONNECTION		FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO DIGITAL LINE TRUNK UNIT INTERNATIONAL	J7			528-080	JACK/UNIT	(CMCU)			
	NC			239					
	NC			240					
	NC			241					
	OREF7N			339	OREF7N	524-000 UNIT	04-080-339	WG	
TO DIGITAL LINE TRUNK UNIT INTERNATIONAL	J8			528-080	JACK/UNIT	(CMCU)			
	NC			222					
	NC			223					
	NC			224					
	OREF8N			322	OREF8N	524-000 UNIT	04-080-322	WG	
TO DIGITAL LINE TRUNK UNIT INTERNATIONAL	J9			528-080	JACK/UNIT	(CMCU)			
	NC			207					
	NC			208					
	NC			209					
	OREF6N			307	OREF6N	524-000 UNIT	04-080-307	WG	
TO DIGITAL LINE TRUNK UNIT INTERNATIONAL	J10			628-058	JACK/UNIT	(CMCU)			
	NC			254					
	NC			255					
	NC			256					
	1REF1N			354	1REF1N	624-000 UNIT	04-058-354	WG	
TO DIGITAL LINE TRUNK UNIT INTERNATIONAL	J11			628-058	JACK/UNIT	(CMCU)			
	NC			239					
	NC			240					
	NC			241					
	1REF3N			339	1REF3N	624-000 UNIT	04-058-339	WG	
TO DIGITAL LINE TRUNK UNIT INTERNATIONAL	J12			628-058	JACK/UNIT	(CMCU)			
	NC			222					
	NC			223					
	NC			224					
	1REF4N			322	1REF4N	624-000 UNIT	04-058-322	WG	

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

DWG SIZE
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3B

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CAD 062 (CONT'D)										CAD 062 (CONT'D)										CAD 062 (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	
J6 453-007 JACK/UNIT (MSPU3)										J9 353-006 JACK/UNIT (MSPU3)										J11 853-007 JACK/UNIT (MSPU3)										
TO 3810P 0	NC			045	4800S	449-000 UNIT	04-007-046	17,S						037	3A00SR	349-000 UNIT	04-006-037	18,P							041	8ASCX1	849-000 UNIT	04-007-041	18,P	
	4800S			046	4800S	449-000 UNIT	04-007-047	17,S						038	3ARGIPR	349-000 UNIT	04-006-038	18,P							042	8ASCW1	849-000 UNIT	04-007-042	18,P	
	4800S			047	4800S	449-000 UNIT	04-007-048	17,S						039	3BSCW1	349-000 UNIT	04-006-039	18,P							043					
	4800S			048	4800S	449-000 UNIT	04-007-049	17,S						040	3ASCYR1	349-000 UNIT	04-006-040	18,P												
	4800S			049	4800S	449-000 UNIT	04-007-050	17,S						041	3ASCX1	349-000 UNIT	04-006-041	18,P												
	4800S			050	4800S	449-000 UNIT	04-007-051	17,S						042	3ASCW1	349-000 UNIT	04-006-042	18,P												
	4800S			051	4800S	449-000 UNIT	04-007-052	17,S						043																
	4800S			052	4800S	449-000 UNIT	04-007-053	17,S																						
	4800S			053	4800S	449-000 UNIT	04-007-054	17,S																						
	4800S			054	4800S	449-000 UNIT	04-007-055	17,S																						
	4800S			055	4800S	449-000 UNIT	04-007-056	17,S																						
	4800S			056	4800S	449-000 UNIT	04-007-057	17,S																						
J7 753-006 JACK/UNIT (MSPU3)										J9 353-007 JACK/UNIT (MSPU3)										J12 853-006 JACK/UNIT (MSPU3)										
TO 3810P 1	NC			032	7B00SR	749-000 UNIT	04-006-033	17,S						032	3B00S	349-000 UNIT	04-007-033	18,P							045	8B00SR	849-000 UNIT	04-006-046	18,P	
	7B00SR			033	7B00SR	749-000 UNIT	04-006-034	17,S						033	3B00S	349-000 UNIT	04-007-034	18,P							046	8B00SR	849-000 UNIT	04-006-047	18,P	
	7B00SR			034	7B00SR	749-000 UNIT	04-006-035	17,S						034	3B00S	349-000 UNIT	04-007-035	18,P							047	8B00SR	849-000 UNIT	04-006-048	18,P	
	7B00SR			035	7B00SR	749-000 UNIT	04-006-036	17,S						035	3B00S	349-000 UNIT	04-007-036	18,P							048	8B00SR	849-000 UNIT	04-006-049	18,P	
	7B00SR			036	7B00SR	749-000 UNIT	04-006-037	17,S						036	3B00S	349-000 UNIT	04-007-037	18,P							049	8B00SR	849-000 UNIT	04-006-050	18,P	
	7B00SR			037	7B00SR	749-000 UNIT	04-006-038	17,S						037	3B00S	349-000 UNIT	04-007-038	18,P							050	8B00SR	849-000 UNIT	04-006-051	18,P	
	7B00SR			038	7B00SR	749-000 UNIT	04-006-039	17,S						038	3B00S	349-000 UNIT	04-007-039	18,P							051	8B00SR	849-000 UNIT	04-006-052	18,P	
	7B00SR			039	7B00SR	749-000 UNIT	04-006-040	17,S						039	3B00S	349-000 UNIT	04-007-040	18,P							052	8B00SR	849-000 UNIT	04-006-053	18,P	
	7B00SR			040	7B00SR	749-000 UNIT	04-006-041	17,S						040	3B00S	349-000 UNIT	04-007-041	18,P							053	8B00SR	849-000 UNIT	04-006-054	18,P	
	7B00SR			041	7B00SR	749-000 UNIT	04-006-042	17,S						041	3B00S	349-000 UNIT	04-007-042	18,P							054	8B00SR	849-000 UNIT	04-006-055	18,P	
	7B00SR			042	7B00SR	749-000 UNIT	04-006-043	17,S						042	3B00S	349-000 UNIT	04-007-043	18,P							055	8B00SR	849-000 UNIT	04-006-056	18,P	
	7B00SR			043	7B00SR	749-000 UNIT	04-006-044	17,S						043	3B00S	349-000 UNIT	04-007-044	18,P							056	8B00SR	849-000 UNIT	04-006-057	18,P	
J7 753-007 JACK/UNIT (MSPU3)										J10 353-006 JACK/UNIT (MSPU3)										J12 853-007 JACK/UNIT (MSPU3)										
TO 3810P 1	NC			032	7B00SR	749-000 UNIT	04-007-033	17,S						045	3B00S	349-000 UNIT	04-006-046	18,P							045	8B00SR	849-000 UNIT	04-007-046	18,P	
	7B00SR			033	7B00SR	749-000 UNIT	04-007-034	17,S						046	3B00S	349-000 UNIT	04-006-047	18,P							046	8B00SR	849-000 UNIT	04-007-047	18,P	
	7B00SR			034	7B00SR	749-000 UNIT	04-007-035	17,S						047	3B00S	349-000 UNIT	04-006-048	18,P							047	8B00SR	849-000 UNIT	04-007-048	18,P	
	7B00SR			035	7B00SR	749-000 UNIT	04-007-036	17,S						048	3B00S	349-000 UNIT	04-006-049	18,P							048	8B00SR	849-000 UNIT	04-007-049	18,P	
	7B00SR			036	7B00SR	749-000 UNIT	04-007-037	17,S						049	3B00S	349-000 UNIT	04-006-050	18,P							049	8B00SR	849-000 UNIT	04-007-050	18,P	
	7B00SR			037	7B00SR	749-000 UNIT	04-007-038	17,S						050	3B00S	349-000 UNIT	04-006-051	18,P							050	8B00SR	849-000 UNIT	04-007-051	18,P	
	7B00SR			038	7B00SR	749-000 UNIT	04-007-039	17,S						051	3B00S	349-000 UNIT	04-006-052	18,P							051	8B00SR	849-000 UNIT	04-007-052	18,P	
	7B00SR			039	7B00SR	749-000 UNIT	04-007-040	17,S						052	3B00S	349-000 UNIT	04-006-053	18,P							052	8B00SR	849-000 UNIT	04-007-053	18,P	
	7B00SR			040	7B00SR	749-000 UNIT	04-007-041	17,S						053	3B00S	349-000 UNIT	04-006-054	18,P							053	8B00SR	849-000 UNIT	04-007-054	18,P	
	7B00SR			041	7B00SR	749-000 UNIT	04-007-042	17,S						054	3B00S	349-000 UNIT	04-006-055	18,P							054	8B00SR	849-000 UNIT	04-007-055	18,P	
	7B00SR			042	7B00SR	749-000 UNIT	04-007-043	17,S						055	3B00S	349-000 UNIT	04-006-056	18,P							055	8B00SR	849-000 UNIT	04-007-056	18,P	
	7B00SR			043	7B00SR	749-000 UNIT	04-007-044	17,S						056	3B00S	349-000 UNIT	04-006-057	18,P							056	8B00SR	849-000 UNIT	04-007-057	18,P	
J8 753-006 JACK/UNIT (MSPU3)										J10 353-007 JACK/UNIT (MSPU3)										J13 545-006 JACK/UNIT (MSCU2)										
TO 3810P 0	NC			045	7B00SR	749-000 UNIT	04-006-046	17,S						045	3B00S	349-000 UNIT	04-007-046	18,P							045	5C00SR	541-000 UNIT	04-006-033		
	7B00SR			046	7B00SR	749-000 UNIT	04-006-047	17,S																						

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CAD 062

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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	DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J22										J25										J27										J28									
153-007 JACK/UNIT (MSPU3)										1053-006 (CONT'D) JACK/UNIT (MSPU3)										1153-007 (CONT'D) JACK/UNIT (MSPU3)										053-006 JACK/UNIT (MSPU3)									
TO 3810P 1	NC			032	1800S	149-000 UNIT	04-007-033	18,N			10A00SR			050	10A00SR	1049-000 UNIT	04-006-050	18,N			11ASCK1				041	11ASCK1	1149-000 UNIT	04-007-041	17,0										
	1800S			033	1800S	149-000 UNIT	04-007-034	18,N			10A01PR			051	10A01PR	1049-000 UNIT	04-006-051	18,N			11ASCH1				042	11ASCH1	1149-000 UNIT	04-007-042	17,0										
	1801PR			034	1801PR	149-000 UNIT	04-007-035	18,N			10ASCH0			052	10ASCH0	1049-000 UNIT	04-006-052	18,N			NC				043														
	1801PR			035	1801PR	149-000 UNIT	04-007-036	18,N			10ASCH0			053	10ASCH0	1049-000 UNIT	04-006-053	18,N																					
	1801PR			036	1801PR	149-000 UNIT	04-007-037	18,N			10ASCH0			054	10ASCH0	1049-000 UNIT	04-006-054	18,N																					
	1801PR			037	1801PR	149-000 UNIT	04-007-038	18,N			10ASCH0			055	10ASCH0	1049-000 UNIT	04-006-055	18,N																					
	1801PR			038	1801PR	149-000 UNIT	04-007-039	18,N			NC			056																									
	1801PR			039	1801PR	149-000 UNIT	04-007-040	18,N																															
	1801PR			040	1801PR	149-000 UNIT	04-007-041	18,N																															
	1801PR			041	1801PR	149-000 UNIT	04-007-042	18,N																															
	1801PR			042	1801PR	149-000 UNIT	04-007-043	18,N																															
	1801PR			043	1801PR	149-000 UNIT	04-007-044	18,N																															
J23										J25										J28										J28									
1053-006 JACK/UNIT (MSPU3)										1053-007 JACK/UNIT (MSPU3)										053-007 JACK/UNIT (MSPU3)										053-007 JACK/UNIT (MSPU3)									
TO 3810P 1	NC			032	1800SR	1049-000 UNIT	04-006-033	18,N			10B00S			045	10B00S	1049-000 UNIT	04-007-046	18,N			10B00S				045	10B00S	1049-000 UNIT	04-007-046	17,0										
	1800SR			033	1800SR	1049-000 UNIT	04-006-034	18,N			10B01PR			046	10B01PR	1049-000 UNIT	04-007-047	18,N			10B01PR				046	10B01PR	1049-000 UNIT	04-007-047	17,0										
	1801PR			034	1801PR	1049-000 UNIT	04-006-035	18,N			10B01PR			047	10B01PR	1049-000 UNIT	04-007-048	18,N			10B01PR				047	10B01PR	1049-000 UNIT	04-007-048	17,0										
	1801PR			035	1801PR	1049-000 UNIT	04-006-036	18,N			10B01PR			048	10B01PR	1049-000 UNIT	04-007-049	18,N			10B01PR				048	10B01PR	1049-000 UNIT	04-007-049	17,0										
	1801PR			036	1801PR	1049-000 UNIT	04-006-037	18,N			10B01PR			049	10B01PR	1049-000 UNIT	04-007-050	18,N			10B01PR				049	10B01PR	1049-000 UNIT	04-007-050	17,0										
	1801PR			037	1801PR	1049-000 UNIT	04-006-038	18,N			10B01PR			050	10B01PR	1049-000 UNIT	04-007-051	18,N			10B01PR				050	10B01PR	1049-000 UNIT	04-007-051	17,0										
	1801PR			038	1801PR	1049-000 UNIT	04-006-039	18,N			10B01PR			051	10B01PR	1049-000 UNIT	04-007-052	18,N			10B01PR				051	10B01PR	1049-000 UNIT	04-007-052	17,0										
	1801PR			039	1801PR	1049-000 UNIT	04-006-040	18,N			10B01PR			052	10B01PR	1049-000 UNIT	04-007-053	18,N			10B01PR				052	10B01PR	1049-000 UNIT	04-007-053	17,0										
	1801PR			040	1801PR	1049-000 UNIT	04-006-041	18,N			10B01PR			053	10B01PR	1049-000 UNIT	04-007-054	18,N			10B01PR				053	10B01PR	1049-000 UNIT	04-007-054	17,0										
	1801PR			041	1801PR	1049-000 UNIT	04-006-042	18,N			10B01PR			054	10B01PR	1049-000 UNIT	04-007-055	18,N			10B01PR				054	10B01PR	1049-000 UNIT	04-007-055	17,0										
	1801PR			042	1801PR	1049-000 UNIT	04-006-043	18,N			10B01PR			055	10B01PR	1049-000 UNIT	04-007-056	18,N			10B01PR				055	10B01PR	1049-000 UNIT	04-007-056	17,0										
	1801PR			043	1801PR	1049-000 UNIT	04-006-044	18,N			10B01PR																												

CAD 062 (CONT'D)										CAD 062 (CONT'D)										CAD 062 (CONT'D)																			
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE										
.....J30										J38										J41																			
TO 3810P0	0MANRTNO			019	0MANRTNO 541-000 UNIT	04-006-019	1				NC			056						TO 3810P 0	000S3BR0			016	000S3BR0 524-000 UNIT	04-048-016	1												
	0BDCGNR0			020	0BDCGNR0 541-000 UNIT	04-006-020	1																017			017	000S3BR0 524-000 UNIT	04-048-017	1										
	NC			021																			018			018	000S3BR0 524-000 UNIT	04-048-018	1										
.....J30										J38										J41																			
TO 3810P0	0MANOVRO			019	0MANOVRO 541-000 UNIT	04-007-019	1				NC			045						TO 3810P 0	000S3BR0			016	000S3BR0 524-000 UNIT	04-048-016	1												
	0BDCGN380			020	0BDCGN380 541-000 UNIT	04-007-020	1			TO 3810P 0	0DGN0			046	0DGN0 524-000 UNIT	04-013-047	1						017			017	000S3BR0 524-000 UNIT	04-048-017	1										
	NC			021							NC			047									018			018	000S3BR0 524-000 UNIT	04-048-018	1										
.....J31										J38										J41																			
TO 3810P1	1MANRTN1			016	1MANRTN1 641-000 UNIT	04-006-016	1				048			049	0SCNVO 524-000 UNIT	04-013-049	1			TO 3810P 0	05CX3BR0			019	05CX3BR0 524-000 UNIT	04-048-019	1												
	1BDCGNR1			017	1BDCGNR1 641-000 UNIT	04-006-017	1				050			050	000S3X0 524-000 UNIT	04-013-050	1					016			016	05CX3BR0 524-000 UNIT	04-048-016	1											
	NC			018							051			051	0ROIP0 524-000 UNIT	04-013-051	1					017			017	05CX3BR0 524-000 UNIT	04-048-017	1											
.....J31										J39										J42																			
TO 3810P1	1MANOVRI			016	1MANOVRI 641-000 UNIT	04-007-016	1				052			052	0SCN20 524-000 UNIT	04-013-052	1			TO 3810P 0	100S3BR0			018	100S3BR0 624-000 UNIT	04-048-018	1												
	1BDCGN381			017	1BDCGN381 641-000 UNIT	04-007-017	1				053			053	0SCNVO 524-000 UNIT	04-013-053	1					019			019	15CY3BR0 624-000 UNIT	04-048-019	1											
	NC			018							054			054	0SCNVO 524-000 UNIT	04-013-054	1					016			016	15CX3BR0 624-000 UNIT	04-048-116	1											
.....J32										J39										J42																			
TO 3810P0	1MANOVRO			019	1MANOVRO 641-000 UNIT	04-007-019	1				055			055	0SCNVO 524-000 UNIT	04-013-055	1			TO 3810P 0	15CY3BR0			017	15CY3BR0 624-000 UNIT	04-048-117	1												
	1BDCGN380			020	1BDCGN380 641-000 UNIT	04-007-020	1				056			056								018			018	15CX3BR0 624-000 UNIT	04-048-118	1											
	NC			021							032			032								019			019	15CX3BR0 624-000 UNIT	04-048-119	1											
.....J37										J39										J43																			
TO 3810P 1	NC			032							033			033	10GNR1 624-000 UNIT	04-012-034	1			TO 3810P 1	000S3BR1			051	000S3BR1 524-000 UNIT	04-048-051	1												
	0DGNR1			033							034			034	100SR1 624-000 UNIT	04-012-037	1					052			052	05CX3BR1 524-000 UNIT	04-048-052	1											
	NC			034							035			035	1ROIPR1 624-000 UNIT	04-012-038	1			TO 3810P 1	05CX3BR1			053	05CX3BR1 524-000 UNIT	04-048-053	1												
TO 3810P 1	0SCNVR1			035	0SCNVR1 524-000 UNIT	04-012-036	1				036			036	1SCNVR1 624-000 UNIT	04-012-036	1					054			054	000S3BR1 524-000 UNIT	04-048-054	1											
	000SR1			036	000SR1 524-000 UNIT	04-012-037	1				037			037	100SR1 624-000 UNIT	04-012-037	1					055			055	000S3BR1 524-000 UNIT	04-048-151	1											
	0ROIPR1			037	0ROIPR1 524-000 UNIT	04-012-038	1				038			038	1ROIPR1 624-000 UNIT	04-012-038	1			TO 3810P 1	NC			056			056	05CX3BR1 524-000 UNIT	04-048-154	1									
	0SCN2R1			038	0SCN2R1 524-000 UNIT	04-012-039	1				039			039	1SCN2R1 624-000 UNIT	04-012-039	1					057			057	05CX3BR1 524-000 UNIT	04-048-153	1											
	0SCNVR1			039	0SCNVR1 524-000 UNIT	04-012-040	1				040			040	1SCNVR1 624-000 UNIT	04-012-040	1					058			058	05CX3BR1 524-000 UNIT	04-048-154	1											
	0SCNDR1			040	0SCNDR1 524-000 UNIT	04-012-041	1				041			041	1SCNVR1 624-000 UNIT	04-012-041	1					059			059	05CX3BR1 524-000 UNIT	04-048-153	1											
	0SCNHR1			041	0SCNHR1 524-000 UNIT	04-012-042	1				042			042	1SCNVR1 624-000 UNIT	04-012-042	1					060			060	05CX3BR1 524-000 UNIT	04-048-154	1											
	NC			042							043			043									061			061	05CX3BR1 524-000 UNIT	04-048-154	1										
				043																			062			062	05CX3BR1 524-000 UNIT	04-048-154	1										
.....J37										J40										J45																			
TO 3810P 1	NC			032							045			045	10GNR0 624-000 UNIT	04-012-047	1			TO 3810P 1	55CANR			300	55CANR 507-000 UNIT	04-011-300	1												
	0DGN1			033							046			046	100SR0 624-000 UNIT	04-012-050	1					301			301	53BSCANO 507-000 UNIT	04-011-301	1											
	NC			034							047			047	1ROIPR0 624-000 UNIT	04-012-051	1					302			302	6RSTR 607-000 UNIT	04-011-302	1											
TO 3810P 1	0SCNVR1			035	0SCNVR1 524-000 UNIT	04-013-036	1				048			048	1SCN2R0 624-000 UNIT	04-012-052	1					310			310	NC	04												
	000S3X1			036	000S3X1 524-000 UNIT	04-013-037	1				049			049	1SCNVR0 624-000 UNIT	04-012-053	1					311			311	NC	04												
	0ROIPR1			037	0ROIPR1 524-000 UNIT	04-013-038	1				050			050	100SR0 624-000 UNIT	04-012-05																							

(CONT'D)

.....J48		611-011	JACK/UNIT (FU).....			
	NC	200				
	NC	201				
TO 5810P 0	63BRGFI	202	63BRST1	607-000	UNIT	04-011-202 1
I	65CANR	210	65CANR	607-000	UNIT	04-011-210 1
	63BSCANO	211	63BSCANO	607-000	UNIT	04-011-211 1
	6RSTR	212	6RSTR	607-000	UNIT	04-011-212 1

SCAN AND DISTRIBUTE, MSPU3 LINKS BACK TO MSCU2

.....J1	545-007	JACK/UNIT	(MSCUZ).....
53-007-022	5ADGN3B	022	5ADGN3B 541-000 UNIT 04-007-022 1
53-007-023	5MANOVRI	023	5MANOVRI 541-000 UNIT 04-007-023 1
53-007-024	5MANOVRO	024	5MANOVRO 541-000 UNIT 04-007-024 1

.....J2	645-006	JACK/UNIT	(MSCL2).....
53-006-023	NC	022	
53-006-024	6MANRTN1	023	6MANRTN1 641-000 UNIT 04-006-023 1
	6MANRTN0	024	6MANRTN0 641-000 UNIT 04-006-024 1

.....J2	645-007	JACK/UNIT	(MSC2).....
53-007-022	6ADGN3B	022	6ADGN3B 641-000 UNIT 04-007-022 1
53-007-023	6MANGVR1	023	6MANGVR1 641-000 UNIT 04-007-023 1
53-007-024	6MANGVR0	024	6MANGVR0 641-000 UNIT 04-007-024 1

.....J3		553-006	JACK/UNIT	(MSPJ3)		
	NC	019				
53-006-023	4MANRTN1	020	4MANRTN1	549-000 UNIT	04-006-020	17,S
53-006-024	4MANRTN0	021	4MANRTN0	549-000 UNIT	04-006-021	17,S

.....J3	553-007	JACK/UNIT	(MSPU3).....
53-007-022	4ADGN3B	019	4ADGN3B 549-000 UNIT 04-007-019 17,5
53-007-023	4MANOVR1	020	4MANOVR1 549-000 UNIT 04-007-020 17,5
53-007-024	4MANOVR0	021	4MANOVR0 549-000 UNIT 04-007-021 17,5

.....J4	653-006	JACK/UNIT	(MSPU3).....		
NC	019				
3-006-023 7MANRTN1	020	7MANRTN1 649-000	UNIT	04-006-020	17,5
3-006-024 7MANRTN0	021	7MANRTN0 649-000	UNIT	04-006-021	17,5

.....J4	653-007	JACK/UNIT	(MSPJ3)	.....
3-007-022	7ADGN38	019	7ADGN38 649-000	UNIT 04-007-019 17,S
3-007-023	7MANOVRI	020	7MANOVRI 649-000	UNIT 04-007-020 17,S
3-007-024	7MANOVRO	021	7MANOVRO 649-000	UNIT 04-007-021 17,S

(CONT'D)

.....J5	453-007	JACK/UNIT	(MSPU3).....
53-007-022	3ADGN38	019	3ADGN38 449-000 UNIT 04-007-019 18,P
53-007-023	3MANOVRI	020	3MANOVRI 449-000 UNIT 04-007-020 18,P
53-007-024	3MANOVRO	021	3MANOVRO 449-000 UNIT 04-007-021 18,P

.....J6	353-006	JACK/UNIT	(NSPJ3)	.....
NC	019			
53-006-023	ZMANRTH1	020	ZMANRTH1 349-000 UNIT	04-006-020 17 R
53-006-024	ZMANRTH0	021	ZMANRTH0 349-000 UNIT	04-006-021 17 R

.....J6		353-007	JACK/UNIT	(MSPU3).....
53-007-022	ZADGN3B	019	ZADGN3B 349-000	UNIT 04-007-019 17.R
53-007-023	ZMANOVR1	020	ZMANOVR1 349-000	UNIT 04-007-020 17.R
53-007-024	ZMANOVR0	021	ZMANOVR0 349-000	UNIT 04-007-021 17.R

.....J7	753-006	JACK/UNIT	(MSPU3).....
NC	019		
53-006-023	8MANRTN1	020	8MANRTN1 749-000 UNIT 04-006-020 18,P
53-006-024	8MANRTN0	021	8MANRTN0 749-000 UNIT 04-006-021 18,P

.....J7	753-007	JACK/UNIT	(MSPU3).....
53-007-022	8ADGN38	019	8ADGN38 749-000 UNIT 04-007-019 18,P
53-007-023	8MANOVRI	020	8MANOVRI 749-000 UNIT 04-007-020 18,P
53-007-024	8MANOVRO	021	8MANOVRO 749-000 UNIT 04-007-021 18,P

.....J8		853-006	JACK/UNIT (MSPU3).....
	NC	019	
3-006-023	9MANRTN1	020	9MANRTN1 849-000 UNIT 04-006-020 17,R
3-006-024	9MANRTN0	021	9MANRTN0 849-000 UNIT 04-006-021 17,R

J8		853-007	JACK/UNIT (HSPU3)			
3-007-022	9ADGN3B	019	9ADGN3B	849-000	UNIT	04-007-019 17,R
3-007-023	9MANOVR1	020	9MANOVR1	849-000	UNIT	04-007-020 17,R
3-007-024	9MANOVR0	021	9MANOVR0	849-000	UNIT	04-007-021 17,R

.....J9	253-006	JACK/UNIT	(HSPU3).....
NC	019		
3-006-023	1MANRTN1	020	1MANRTN1 249-000 UNIT 04-006-020 18,N
3-006-024	1MANRTN0	021	1MANRTN0 249-000 UNIT 04-006-021 18,N

.....J9	253-007	JACK/UNIT	(MSPU3)	.....
8-007-022	1ADGN3B	019	1ADGN3B 249-000 UNIT	04-007-019 18,N
8-007-023	1MANOVRI	020	1MANOVRI 249-000 UNIT	04-007-020 18,N
8-007-024	1MANOVRO	021	1MANOVRO 249-000 UNIT	04-007-021 18,N

.....J10	953-006	JACK/UNIT	(MSPU3)	.....
NC	019			
3-006-023	10MANRTN	020	10MANRTN 949-000 UNIT	04-006-020 18,N
3-006-024	10MANRTN	021	10MANRTN 949-000 UNIT	04-006-021 18,N

3-007-022	10ADGN3B	019	10ADGN3B 949-000 UNIT	04-007-019	18.N
3-007-023	10MANOVR	020	10MANOVR 949-000 UNIT	04-007-020	18.N
3-007-024	10MANOVR	021	10MANOVR 949-000 UNIT	04-007-021	18.N

(CONT'D)

.....J11	153-007	JACK/UNIT	(MSPU3).....
053-007-022	0ADGN3B	019	0ADGN3B 149-000 UNIT 04-007-019 17,0
053-007-023	0MANOVRI	020	0MANOVRI 149-000 UNIT 04-007-020 17,0
053-007-024	0MANOVRO	021	0MANOVRO 149-000 UNIT 04-007-021 17,0

.....J12		1053-006	JACK/UNIT	(MSPU3).....		
	NC	019				
1153-006-023	11MAHRTN	020	11MAHRTN	1049-000 UNIT	04-006-020	17,0
1153-006-024	11MAHRTN	021	11MAHRTN	1049-000 UNIT	04-006-021	17,0

.....J12	1053-007	JACK/UNIT	(MSPU3)	.....
1153-007-022	11ADGN38	019	11ADGN38 1049-000 UNIT	04-007-019 17,0
1153-007-023	11MANOVR	020	11MANOVR 1049-000 UNIT	04-007-020 17,0
1153-007-024	11MANOVR	021	11MANOVR 1049-000 UNIT	04-007-021 17,0

SCAN AND DISTRIBUTE, TMSUZ LINKS BACK TO CMCU

-----TO CONNECTION-----					-----FROM CONNECTION-----				
<u>DESTINATION</u>	<u>LEAD</u> <u>DESIG</u>	<u>METHOD</u>	<u>WIRE</u> <u>SYM</u>	<u>TERMINAL</u>	<u>LEAD</u> <u>DESIG</u>	<u>TERMINATION</u>	<u>TERMINAL</u>	<u>OPT</u>	<u>NOTE</u>

536-012-045	05C2R1	045	05C2R1	524-000	UNIT	04-014-045	1
536-012-046	05C3R1	046	05C3R1	524-000	UNIT	04-014-046	1
536-012-047	05C4R1	047	05C4R1	524-000	UNIT	04-014-047	1
536-012-048	05C5R1	048	05C5R1	524-000	UNIT	04-014-048	1
536-012-049	05C6R1	049	05C6R1	524-000	UNIT	04-014-049	1
536-012-050	05C7R1	050	05C7R1	524-000	UNIT	04-014-050	1
536-012-051	05C8R1	051	05C8R1	524-000	UNIT	04-014-051	1
536-012-052	05C9R1	052	05C9R1	524-000	UNIT	04-014-052	1
536-012-053	05C10R1	053	05C10R1	524-000	UNIT	04-014-053	1
536-012-054	05C11R1	054	05C11R1	524-000	UNIT	04-014-054	1
536-012-055	05C12R1	055	05C12R1	524-000	UNIT	04-014-055	1
NC		056					

.....J1		528-015	JACK/UNIT	(CMCU).....
536-013-045	OSCX3B1	045	OSCX3B1 524-000 UNIT	04-015-045 1
536-013-046	OSCX3B1	046	OSCX3B1 524-000 UNIT	04-015-046 1
	NC	047		

36-013-049	05CY380	049	05CY380	524-000	UNIT	04-015-049	1
36-013-050	05QCS0	050	05QCS0	524-000	UNIT	04-015-050	1
	NC	051					
36-013-052	05CZ380	052	05CZ380	524-000	UNIT	04-015-052	1
36-013-053	05CY38	053	05CY38	524-000	UNIT	04-015-053	1
36-013-054	05CX380	054	05CX380	524-000	UNIT	04-015-054	1
36-013-055	05CW38	055	05CW38	524-000	UNIT	04-015-055	1

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

DWG SIZE
C2

ISSUE
38

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GB30	
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CAD 064 (CONT'D)										CAD 064 (CONT'D)										CAD 064 (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
J2 528-016 JACK/UNIT (CMCU).....										J4 628-017 JACK/UNIT (CMCU).....										J7 636-014 JACK/UNIT (TMSU2).....									
519-012-046	NC			045	OSCVR1	524-000 UNIT	04-016-046	1		619-013-050	1600S1		050	1600S1	624-000 UNIT	04-017-050	1			736-012-054	1SCVR0			054	1SCVR0	632-000 UNIT	04-014-054	1	
519-012-047	ODGN3B			046	OSCVR1	524-000 UNIT	04-016-047	1		619-013-052	1SPARE3		051	1SPARE3	624-000 UNIT	04-017-052	1			736-012-055	1SCW10			055	1SCW10	632-000 UNIT	04-014-055	1	
519-012-048	OSCVR1			048	OSCVR1	524-000 UNIT	04-016-048	1		619-013-053	1SCY10		052	1SCY10	624-000 UNIT	04-017-053	1							056	1SCVR0	632-000 UNIT	04-014-056	1	
519-012-049	OSCVR0			049	OSCVR0	524-000 UNIT	04-016-049	1		619-013-054	1SCX380		053	1SCX380	624-000 UNIT	04-017-054	1												
519-012-050	OSCVR0			050	OSCVR0	524-000 UNIT	04-016-050	1		619-013-055	1SCW10		054	1SCW10	624-000 UNIT	04-017-055	1												
519-012-051	ORQIP3B			051	ORQIP3B	524-000 UNIT	04-016-051	1					055																
519-012-053	NC			052				1					056																
519-012-054	OSCVR0			053	OSCVR0	524-000 UNIT	04-016-053	1																					
519-012-055	OSCVR0			054	OSCVR0	524-000 UNIT	04-016-054	1																					
	NC			055	NC			1																					
				056				1																					
J2 528-017 JACK/UNIT (CMCU).....										J5 536-014 JACK/UNIT (TMSU2).....										J7 636-015 JACK/UNIT (TMSU2).....									
519-013-046	NC			045	OSCVR1	524-000 UNIT	04-017-046	1		436-012-045	OSCVR1		045	OSCVR1	532-000 UNIT	04-014-045	1			736-013-045	1SCZ3B1			045	1SCZ3B1	632-000 UNIT	04-015-045	1	
519-013-048	OSCVR3B1			046	OSCVR1	524-000 UNIT	04-017-048	1		436-012-046	OSCVR1		046	OSCVR1	532-000 UNIT	04-014-046	1			736-013-046	1SCX3B1			046	1SCX3B1	632-000 UNIT	04-015-046	1	
519-013-049	OSCVR3B0			047	OSCVR1	524-000 UNIT	04-017-049	1		436-012-047	ODGN3B		047	ODGN3B	532-000 UNIT	04-014-047	1			736-013-048	1SCV3B1			047	1SCV3B1	632-000 UNIT	04-015-048	1	
519-013-050	OSCVR3B0			048	OSCVR1	524-000 UNIT	04-017-050	1		436-012-048	OSCVR1		048	OSCVR1	532-000 UNIT	04-014-048	1			736-013-049	1SCV3B0			048	1SCV3B0	632-000 UNIT	04-015-049	1	
	NC			049	OSCVR0	524-000 UNIT	04-017-051	1		436-012-049	OSCVR0		049	OSCVR0	532-000 UNIT	04-014-049	1			736-013-050	17E00S3B			049	17E00S3B	632-000 UNIT	04-015-050	1	
				050	OSCVR0	524-000 UNIT	04-017-052	1		436-012-050	04E00SR		050	04E00SR	532-000 UNIT	04-014-050	1							050	17E00S3B	632-000 UNIT	04-015-051	1	
				051	ORQIP3B	524-000 UNIT	04-017-053	1		436-012-051	ORQIP3B		051	ORQIP3B	532-000 UNIT	04-014-051	1			736-013-052	1SCZ3B0			051	1SCZ3B0	632-000 UNIT	04-015-052	1	
				052				1		436-012-052	OSCVR0		052	OSCVR0	532-000 UNIT	04-014-052	1			736-013-053	17E00SR			052	17E00SR	632-000 UNIT	04-015-053	1	
				053	OSCVR0	524-000 UNIT	04-017-054	1		436-012-053	OSCVR0		053	OSCVR0	532-000 UNIT	04-014-053	1			736-013-054	17E00SR			053	17E00SR	632-000 UNIT	04-015-054	1	
				054	OSCVR0	524-000 UNIT	04-017-055	1		436-012-054	OSCVR0		054	OSCVR0	532-000 UNIT	04-014-054	1			736-013-055	17E00SR			054	17E00SR	632-000 UNIT	04-015-055	1	
				055	OSCVR0	524-000 UNIT	04-017-056	1		436-012-055	OSCVR0		055	OSCVR0	532-000 UNIT	04-014-055	1							055	17E00SR	632-000 UNIT	04-015-056	1	
				056	OSCVR0	524-000 UNIT	04-017-057	1					056											056	17E00SR	632-000 UNIT	04-015-057	1	
J3 628-014 JACK/UNIT (CMCU).....										J5 536-015 JACK/UNIT (TMSU2).....										J8 619-014 JACK/UNIT (TMSU2).....									
636-012-045	1SCZ3B1			045	1SCZ3B1	624-000 UNIT	04-014-045	1		436-013-045	OSCVR1		045	OSCVR1	532-000 UNIT	04-015-045	1			719-012-045	1SPARE4			045	1SPARE4	615-000 UNIT	04-014-045	1	
636-012-046	1SCVR1			046	1SCVR1	624-000 UNIT	04-014-046	1		436-013-046	OSCVR1		046	OSCVR1	532-000 UNIT	04-015-046	1			719-012-046	1SCVR1			046	1SCVR1	615-000 UNIT	04-014-046	1	
636-012-047	1ODGN3B			047	1ODGN3B	624-000 UNIT	04-014-047	1		436-013-047	OSCVR1		047	OSCVR1	532-000 UNIT	04-015-047	1			719-012-047	1ODGN3B			047	1ODGN3B	615-000 UNIT	04-014-047	1	
636-012-048	1SCVR1			048	1SCVR1	624-000 UNIT	04-014-048	1		436-013-048	OSCVR1		048	OSCVR1	532-000 UNIT	04-015-048	1			719-012-048	1SCVR1			048	1SCVR1	615-000 UNIT	04-014-048	1	
636-012-049	1SCVR0			049	1SCVR0	624-000 UNIT	04-014-049	1		436-013-049	OSCVR0		049	OSCVR0	532-000 UNIT	04-015-049	1			719-012-049	1SCVR0			049	1SCVR0	615-000 UNIT	04-014-049	1	
636-012-050	1600S1			050	1600S1	624-000 UNIT	04-014-050	1		436-013-050	04E00S3B		050	04E00S3B	532-000 UNIT	04-015-050	1			719-012-050	17E00SR			050	17E00SR	615-000 UNIT	04-014-050	1	
636-012-051	1ROIP3B			051	1ROIP3B	624-000 UNIT	04-014-051	1		436-013-051	OSCVR0		051	OSCVR0	532-000 UNIT	04-015-051	1			719-012-051	1ROIP3B			051	1ROIP3B	615-000 UNIT	04-014-051	1	
636-012-052	1SCZ3B0			052	1SCZ3B0	624-000 UNIT	04-014-052	1		436-013-052	OSCVR0		052	OSCVR0	532-000 UNIT	04-015-052	1			719-012-052	1SPARE5			052	1SPARE5	615-000 UNIT	04-014-052	1	
636-012-053	1SCY10			053	1SCY10	624-000 UNIT	04-014-053	1		436-013-053	04E00SR		053	04E00SR	532-000 UNIT	04-015-053	1			719-012-053	1SCY10			053	1SCY10	615-000 UNIT	04-014-053	1	
636-012-054	1SCVR0			054	1SCVR0	624-000 UNIT	04-014-054	1		436-013-054	OSCVR0		054	OSCVR0	532-000 UNIT	04-015-054	1			719-012-054	1SCVR0			054	1SCVR0	615-000 UNIT	04-014-054	1	
636-012-055	1SCW10			055	1SCW10	624-000 UNIT	04-014-055	1		436-013-055	OSCVR0		055	OSCVR0	532-000 UNIT	04-015-055	1			719-012-055	1SCW10			055					

CAD 064 (CONT'D)										CAD 064 (CONT'D)										CAD 064 (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
.....J9										J12										J14									
336-013-043	05CZ3B1			045	05CZ3B1	432-000 UNIT	04-015-045	13,YG		819-012-050	18000SR			050	18000SR	715-000 UNIT	04-014-050	13,YG		219-013-054	05CX3B0			054	05CX3B0	315-000 UNIT	04-015-054	13,YK	
336-013-046	05CX3B1			046	05CX3B1	432-000 UNIT	04-015-046	13,YG		819-012-051	1801P3B			051	1801P3B	715-000 UNIT	04-014-051	13,YG		219-013-055	020SCW			055	020SCW	315-000 UNIT	04-015-055	13,YK	
	NC			047										052	11SPARE9	715-000 UNIT	04-014-052	13,YG					056						
336-013-048	05CV3B1			048	05CV3B1	432-000 UNIT	04-015-048	13,YG		819-012-052	11SPARE9			053	11SPARE9	715-000 UNIT	04-014-053	13,YG											
336-013-049	05CV3B0			049	05CV3B0	432-000 UNIT	04-015-049	13,YG		819-012-053	15CYL			054	15CYL	715-000 UNIT	04-014-054	13,YG											
336-013-050	03E00S3B			050	03E00S3B	432-000 UNIT	04-015-050	13,YG		819-012-054	15CX3B0			055	15CX3B0	715-000 UNIT	04-014-055	13,YG											
	NC			051						819-012-055	15CWL			056	15CWL	715-000 UNIT	04-014-055	13,YG											
336-013-052	05CZ3B0			052	05CZ3B0	432-000 UNIT	04-015-052	13,YG																					
336-013-053	03ESCH			053	03ESCH	432-000 UNIT	04-015-053	13,YG		J12										J15									
336-013-054	05CX3B0			054	05CX3B0	432-000 UNIT	04-015-054	13,YG		819-013-045	11SPARE1			045	11SPARE1	715-000 UNIT	04-015-045	13,YG		936-014-045	15CZ3B1			045	15CZ3B1	832-000 UNIT	04-012-045	13,YK	
336-013-055	03ESCH			055	03ESCH	432-000 UNIT	04-015-055	13,YG		819-013-046	15CX3B1			046	15CX3B1	715-000 UNIT	04-015-046	13,YG		936-014-046	15CX3B1			046	15CX3B1	832-000 UNIT	04-012-046	13,YK	
	NC			056										047						936-014-047	10GN3B			047	10GN3B	832-000 UNIT	04-012-047	13,YK	
.....J10										819-013-048	15CV3B1			048	15CV3B1	715-000 UNIT	04-015-048	13,YG		936-014-048	15CV3B1			048	15CV3B1	832-000 UNIT	04-012-048	13,YK	
319-012-045	00SPARE8			045	00SPARE8	415-000 UNIT	04-014-045	13,YG		819-013-049	15CV3B0			049	15CV3B0	715-000 UNIT	04-015-049	13,YG		936-014-049	15CV3B0			049	15CV3B0	832-000 UNIT	04-012-049	13,YK	
319-012-046	05CX3B1			046	05CX3B1	415-000 UNIT	04-014-046	13,YG		819-013-050	18000S3B			050	18000S3B	715-000 UNIT	04-015-050	13,YG		936-014-050	19E00SR			050	19E00SR	832-000 UNIT	04-012-050	13,YK	
319-012-047	00GN3B			047	00GN3B	415-000 UNIT	04-014-047	13,YG						051						936-014-051	1801P3B			051	1801P3B	832-000 UNIT	04-012-051	13,YK	
319-012-048	05CV3B1			048	05CV3B1	415-000 UNIT	04-014-048	13,YG		819-013-052	11SPARE1			052	11SPARE1	715-000 UNIT	04-015-052	13,YG		936-014-052	15CZ3B0			052	15CZ3B0	832-000 UNIT	04-012-052	13,YK	
319-012-049	05CV3B0			049	05CV3B0	415-000 UNIT	04-014-049	13,YG		819-013-053	180SCY			053	180SCY	715-000 UNIT	04-015-053	13,YG		936-014-053	15CY10			053	15CY10	832-000 UNIT	04-012-053	13,YK	
319-012-050	03000SR			050	03000SR	415-000 UNIT	04-014-050	13,YG		819-013-054	15CX3B0			054	15CX3B0	715-000 UNIT	04-015-054	13,YG		936-014-054	15CX3B0			054	15CX3B0	832-000 UNIT	04-012-054	13,YK	
319-012-051	0801P3B			051	0801P3B	415-000 UNIT	04-014-051	13,YG		819-013-055	180SCW			055	180SCW	715-000 UNIT	04-015-055	13,YG		936-014-055	15CWL			055	15CWL	832-000 UNIT	04-012-055	13,YK	
319-012-052	00SPARE9			052	00SPARE9	415-000 UNIT	04-014-052	13,YG						056										056					
319-012-053	05CYL			053	05CYL	415-000 UNIT	04-014-053	13,YG		J13										J15									
319-012-054	05CX3B0			054	05CX3B0	415-000 UNIT	04-014-054	13,YG		236-012-045	05CZ3B1			045	05CZ3B1	332-000 UNIT	04-014-045	13,YK		936-015-045	15CZ3B1			045	15CZ3B1	832-000 UNIT	04-013-045	13,YK	
319-012-055	05CWL			055	05CWL	415-000 UNIT	04-014-055	13,YG		236-012-046	05CX3B1			046	05CX3B1	332-000 UNIT	04-014-046	13,YK		936-015-046	15CX3B1			046	15CX3B1	832-000 UNIT	04-013-046	13,YK	
	NC			056						236-012-047	00GN3B			047	00GN3B	332-000 UNIT	04-014-047	13,YK						047					
.....J10										236-012-048	05CV3B1			048	05CV3B1	332-000 UNIT	04-014-048	13,YK		936-015-048	15CV3B1			048	15CV3B1	832-000 UNIT	04-013-048	13,YK	
319-013-045	00SPARE1			045	00SPARE1	415-000 UNIT	04-015-045	13,YG		236-012-049	05CV3B0			049	05CV3B0	332-000 UNIT	04-014-049	13,YK		936-015-049	15CV3B0			049	15CV3B0	832-000 UNIT	04-013-049	13,YK	
319-013-046	05CX3B1			046	05CX3B1	415-000 UNIT	04-015-046	13,YG		236-012-050	02E00SR			050	02E00SR	332-000 UNIT	04-014-050	13,YK		936-015-050	19E00S3B			050	19E00S3B	832-000 UNIT	04-013-050	13,YK	
	NC			047						236-012-051	0801P3B			051	0801P3B	332-000 UNIT	04-014-051	13,YK						051					
319-013-048	05CV3B1			048	05CV3B1	415-000 UNIT	04-015-048	13,YG		236-012-052	05CZ3B0			052	05CZ3B0	332-000 UNIT	04-014-052	13,YK		936-015-052	15CZ3B0			052	15CZ3B0	832-000 UNIT	04-013-052	13,YK	
319-013-049	05CV3B0			049	05CV3B0	415-000 UNIT	04-015-049	13,YG		236-012-053	05CY10			053	05CY10	332-000 UNIT	04-014-053	13,YK		936-015-053	19E0SCY			053	19E0SCY	832-000 UNIT	04-013-053	13,YK	
319-013-050	03000S3B			050	03000S3B	415-000 UNIT	04-015-050	13,YG		236-012-054	05CX3B0			054	05CX3B0	332-000 UNIT	04-014-054	13,YK		936-015-054	15CX3B0			054	15CX3B0	832-000 UNIT	04-013-054	13,YK	
	NC			051						236-012-055	05CWL			055	05CWL	332-000 UNIT	04-014-055	13,YK		936-015-055	19E0SCW			055	19E0SCW	832-000 UNIT	04-013-055	13,YK	
319-013-052	00SPARE1			052	00SPARE1	415-000 UNIT	04-015-052	13,YG						056									056						
319-013-053	030SCW			053	030SCW	415-000 UNIT	04-015-053	13,YG		J13										J16									
319-013-054	05CX3B0			054	05CX3B0	415-000 UNIT	04-015-054	13,YG		236-013-045	05CZ3B1			045	05CZ3B1	332-000 UNIT	04-015-045	13,YK											

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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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J17										J19										J22										J20									
136-012-045	OSC2R1			045	OSC2R1	232-000 UNIT	04-014-045	13	YN	1036-013-050	110E00S3			050	110E00S3	932-000 UNIT	04-015-050	13	YN	019-012-054	OSC4R0			054	OSC4R0	115-000 UNIT	04-014-054	13	YN	019-013-045	OSC23B1			045	OSC23B1	115-000 UNIT	04-015-045	13	YN
136-012-046	OSC4R1			046	OSC4R1	232-000 UNIT	04-014-046	13	YN		NC			051						019-012-055	OSC4L			055	OSC4L	115-000 UNIT	04-014-055	13	YN	019-013-046	OSC3B1			046	OSC3B1	115-000 UNIT	04-015-046	13	YN
136-012-047	ODGN3B			047	ODGN3B	232-000 UNIT	04-014-047	13	YN	1036-013-052	1SC23B0			052	1SC23B0	932-000 UNIT	04-015-052	13	YN		NC			056						019-013-048	OSCV3B1			048	OSCV3B1	115-000 UNIT	04-015-048	13	YN
136-012-048	OSCVR1			048	OSCVR1	232-000 UNIT	04-014-048	13	YN	1036-013-053	110ESCY			053	110ESCY	932-000 UNIT	04-015-053	13	YN	019-013-049	OSCV3B0			049	OSCV3B0	115-000 UNIT	04-015-049	13	YN	019-013-050	00000S3B			050	00000S3B	115-000 UNIT	04-015-050	13	YN
136-012-049	OSCVR0			049	OSCVR0	232-000 UNIT	04-014-049	13	YN	1036-013-054	1SCX3B0			054	1SCX3B0	932-000 UNIT	04-015-054	13	YN		NC			051						019-013-052	OSC23B0			052	OSC23B0	115-000 UNIT	04-015-052	13	YN
136-012-050	01E00SR			050	01E00SR	232-000 UNIT	04-014-050	13	YN	1036-013-055	110ESCH			055	110ESCH	932-000 UNIT	04-015-055	13	YN	019-013-053	0005CY			053	0005CY	115-000 UNIT	04-015-053	13	YN	019-013-054	OSCV3B0			054	OSCV3B0	115-000 UNIT	04-015-054	13	YN
136-012-051	ORQIP3B			051	ORQIP3B	232-000 UNIT	04-014-051	13	YN		NC			056						019-013-055	0005CH			055	0005CH	115-000 UNIT	04-015-055	13	YN		NC			056					
136-012-052	OSC2R0			052	OSC2R0	232-000 UNIT	04-014-052	13	YN	J20										J23										J21									
136-012-053	OSCY10			053	OSCY10	232-000 UNIT	04-014-053	13	YN	1019-012-045	1SC2R1			045	1SC2R1	915-000 UNIT	04-014-045	13	YN	1136-012-045	1SC2R1			045	1SC2R1	1032-000 UNIT	04-014-045	13	YN	036-012-045	OSC2R1			045	OSC2R1	132-000 UNIT	04-014-045	13	YN
136-012-054	OSCDR0			054	OSCDR0	232-000 UNIT	04-014-054	13	YN	1019-012-046	1SCDR1			046	1SCDR1	915-000 UNIT	04-014-046	13	YN	1136-012-046	1SCDR1			046	1SCDR1	1032-000 UNIT	04-014-046	13	YN	036-012-046	OSC4R1			046	OSC4R1	132-000 UNIT	04-014-046	13	YN
136-012-055	OSCH10			055	OSCH10	232-000 UNIT	04-014-055	13	YN	1019-012-047	10GN3B			047	10GN3B	915-000 UNIT	04-014-047	13	YN	1136-012-047	10GN3B			047	10GN3B	1032-000 UNIT	04-014-047	13	YN	036-012-047	ODGN3B			047	ODGN3B	132-000 UNIT	04-014-047	13	YN
	NC			056						1019-012-048	1SCVR1			048	1SCVR1	915-000 UNIT	04-014-048	13	YN	1136-012-048	1SCVR1			048	1SCVR1	1032-000 UNIT	04-014-048	13	YN	036-012-048	OSCVR1			048	OSCVR1	132-000 UNIT	04-014-048	13	YN
J17										1019-012-049	1SCVR0			049	1SCVR0	915-000 UNIT	04-014-049	13	YN	1136-012-049	1SCVR0			049	1SCVR0	1032-000 UNIT	04-014-049	13	YN	036-012-049	OSCVR0			049	OSCVR0	132-000 UNIT	04-014-049	13	YN
136-013-045	OSC23B1			045	OSC23B1	232-000 UNIT	04-015-045	13	YN	1019-012-050	110000SR			050	110000SR	915-000 UNIT	04-014-050	13	YN	1136-012-050	111E00SR			050	111E00SR	1032-000 UNIT	04-014-050	13	YN	036-012-050	00E00SR			050	00E00SR	132-000 UNIT	04-014-050	13	YN
136-013-046	OSC3B1			046	OSC3B1	232-000 UNIT	04-015-046	13	YN	1019-012-051	1RQIP3B			051	1RQIP3B	915-000 UNIT	04-014-051	13	YN	1136-012-051	1RQIP3B			051	1RQIP3B	1032-000 UNIT	04-014-051	13	YN	036-012-051	ORQIP3B			051	ORQIP3B	132-000 UNIT	04-014-051	13	YN
	NC			047						1019-012-052	1SC2R0			052	1SC2R0	915-000 UNIT	04-014-052	13	YN	1136-012-052	1SC2R0			052	1SC2R0	1032-000 UNIT	04-014-052	13	YN	036-012-052	OSC2R0			052	OSC2R0	132-000 UNIT	04-014-052	13	YN
136-013-048	OSCV3B1			048	OSCV3B1	232-000 UNIT	04-015-048	13	YN	1019-012-053	1SCYL			053	1SCYL	915-000 UNIT	04-014-053	13	YN	1136-012-053	1SCYL			053	1SCYL	1032-000 UNIT	04-014-053	13	YN	036-012-053	OSCY10			053	OSCY10	132-000 UNIT	04-014-053	13	YN
136-013-049	OSCV3B0			049	OSCV3B0	232-000 UNIT	04-015-049	13	YN	1019-012-054	1SCDR0			054	1SCDR0	915-000 UNIT	04-014-054	13	YN	1136-012-054	1SCDR0			054	1SCDR0	1032-000 UNIT	04-014-054	13	YN	036-012-054	OSCDR0			054	OSCDR0	132-000 UNIT	04-014-054	13	YN
136-013-050	01E00S3B			050	01E00S3B	232-000 UNIT	04-015-050	13	YN	1019-012-055	1SC4L			055	1SC4L	915-000 UNIT	04-014-055	13	YN	1136-012-055	1SCH10			055	1SCH10	1032-000 UNIT	04-014-055	13	YN	036-012-055	OSCH10			055	OSCH10	132-000 UNIT	04-014-055	13	YN
	NC			051							NC			056																									
136-013-052	OSC23B0			052	OSC23B0	232-000 UNIT	04-015-052	13	YN	J21										J24										J22									
136-013-053	01ESCY			053	01ESCY	232-000 UNIT	04-015-053	13	YN	1019-013-045	1SC23B1			045	1SC23B1	915-000 UNIT	04-015-045	13	YN	1136-013-045	1SC23B1			045	1SC23B1	1032-000 UNIT	04-015-045	13	YN</										

CAD 064 (CONT'D)										CAD 065 (CONT'D)										CAD 065 (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
J24										J4										J10									
1119-013-045	1SC2381			045	1SC2381	1015-000 UNIT	04-015-045	13,YO		319-015-053	3SCYL			053	3SCYL	315-000 UNIT	04-014-053	13,YG											
1119-013-046	1SCX381			046	1SCX381	1015-000 UNIT	04-015-046	13,YO		319-015-055	3SCHL			055	3SCHL	315-000 UNIT	04-014-055	13,YG											
1119-013-048	1SCV381			048	1SCV381	1015-000 UNIT	04-015-048	13,YO						056															
1119-013-049	1SCV380			049	1SCV380	1015-000 UNIT	04-015-049	13,YO																					
1119-013-050	111000S3			050	111000S3	1015-000 UNIT	04-015-050	13,YO																					
1119-013-052	1SC2380			052	1SC2380	1015-000 UNIT	04-015-052	13,YO																					
1119-013-053	1110SCY			053	1110SCY	1015-000 UNIT	04-015-053	13,YO																					
1119-013-054	1SCX380			054	1SCX380	1015-000 UNIT	04-015-054	13,YO																					
1119-013-055	1110SCH			055	1110SCH	1015-000 UNIT	04-015-055	13,YO																					
	NC			056																									
J2										J6										J11									
119-015-050	0000SJ			050	0000SJ	015-000 UNIT	04-014-050	13,YO		519-015-053	5SCYL			053	5SCYL	515-000 UNIT	04-014-053	1											
119-015-053	0SCYL			053	0SCYL	015-000 UNIT	04-014-053	13,YO		519-015-055	5SCHL			055	5SCHL	515-000 UNIT	04-014-055	1											
119-015-055	0SCHL			055	0SCHL	015-000 UNIT	04-014-055	13,YO						056															
	NC			056																									
J2										J7										J12									
119-015-050	1000SJ			050	1000SJ	115-000 UNIT	04-014-050	13,YH		619-015-053	6SCYL			053	6SCYL	615-000 UNIT	04-014-053	1											
119-015-053	1SCYL			053	1SCYL	115-000 UNIT	04-014-053	13,YH		619-015-055	6SCHL			055	6SCHL	615-000 UNIT	04-014-055	1											
119-015-055	1SCHL			055	1SCHL	115-000 UNIT	04-014-055	13,YH						056															
	NC			056																									
J3										J8										J12									
219-015-050	2000SJ			050	2000SJ	215-000 UNIT	04-014-050	13,YK		719-015-053	7SCYL			053	7SCYL	715-000 UNIT	04-014-053	1											
219-015-053	2SCYL			053	2SCYL	215-000 UNIT	04-014-053	13,YK		719-015-055	7SCHL			055	7SCHL	715-000 UNIT	04-014-055	1											
219-015-055	2SCHL			055	2SCHL	215-000 UNIT	04-014-055	13,YK						056															
	NC			056																									
J4										J9										J12									
319-015-050	3000SJ			050	3000SJ	315-000 UNIT	04-014-050	13,YG		819-015-053	8SCYL			053	8SCYL	815-000 UNIT	04-014-053	13,YG											
	NC			051						819-015-055	8SCHL			055	8SCHL	815-000 UNIT	04-014-055	13,YG											
	NC			052										056															
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	NC			084																									

CAD 066										CAD 066										CAD 066									
SCAN AND DISTRIBUTE, LAST CABINET, UPPER TMSU2										(CONT'D)										(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
.....J1										J6										J11									
036-014 JACK/UNIT (TMSU2).....										536-014 (CONT'D) JACK/UNIT (TMSU2).....										1036-014 (CONT'D) JACK/UNIT (TMSU2).....									
NC 045										536-015-050 5E00SJ 050 5E00SJ 532-000 UNIT 04-014-050 1										1036-015-055 NC 054									
NC 046										NC 051										NC 055									
NC 047										NC 052										NC 056									
NC 048										536-015-053 5SCY10 053 5SCY10 532-000 UNIT 04-014-053 1										1036-015-055 NC 054									
NC 049										536-015-055 5SCHW10 055 5SCHW10 532-000 UNIT 04-014-055 1										1036-015-055 NC 056									
036-015-050 000SJ 050 000SJ 032-000 UNIT 04-014-050 13,YO																													
NC 051																													
NC 052																													
036-015-053 0SCY10 053 0SCY10 032-000 UNIT 04-014-053 13,YO																													
NC 054																													
036-015-055 0SCHW10 055 0SCHW10 032-000 UNIT 04-014-055 13,YO																													
NC 056																													
.....J2										J7										J12									
136-014 JACK/UNIT (TMSU2).....										636-014 JACK/UNIT (TMSU2).....										1136-014 JACK/UNIT (TMSU2).....									
NC 045										NC 045										NC 045									
NC 046										NC 046										NC 046									
NC 047										NC 047										NC 047									
NC 048										NC 048										NC 048									
NC 049										NC 049										NC 049									
136-015-050 1E00SJ 050 1E00SJ 132-000 UNIT 04-014-050 13,YN										636-015-050 6E00SJ 050 6E00SJ 632-000 UNIT 04-014-050 1										1136-015-050 11E00SJ 050 11E00SJ 1132-000 UNIT 04-014-050 13,YO									
NC 051										NC 051										NC 051									
NC 052										NC 052										NC 052									
136-015-053 1SCY10 053 1SCY10 132-000 UNIT 04-014-053 13,YN										636-015-053 6SCY10 053 6SCY10 632-000 UNIT 04-014-053 1										1136-015-053 11SCY10 053 11SCY10 1132-000 UNIT 04-014-053 13,YO									
NC 054										NC 054										NC 054									
136-015-055 1SCHW10 055 1SCHW10 132-000 UNIT 04-014-055 13,YN										636-015-055 6SCHW10 055 6SCHW10 632-000 UNIT 04-014-055 1										1136-015-055 11SCHW10 055 11SCHW10 1132-000 UNIT 04-014-055 13,YO									
NC 056										NC 056										NC 056									
.....J3										J8										AP FIG 1 CAD 067									
236-014 JACK/UNIT (TMSU2).....										736-014 JACK/UNIT (TMSU2).....										SCAN AND DISTRIBUTE, FAN UNIT LINKS									
NC 045										NC 045										TO CONNECTION									
NC 046										NC 046										FROM CONNECTION									
NC 047										NC 047										DESTINATION LEAD DESIG METHOD WIRE SYM TERMINAL LEAD DESIG TERMINATION TERMINAL OPT NOTE									
NC 048										NC 048										J1									
NC 049										NC 049										511-011 JACK/UNIT (FU).....									
236-015-050 2E00SJ 050 2E00SJ 232-000 UNIT 04-014-050 13,YK										736-015-050 7E00SJ 050 7E00SJ 732-000 UNIT 04-014-050 1										NC 400									
NC 051										NC 051										NC 401									
NC 052										NC 052										411-011-202 4RSTFAN 402 4RSTFAN 507-000 UNIT 04-011-402									
236-015-053 2SCY10 053 2SCY10 232-000 UNIT 04-014-053 13,YK										736-015-053 7SCY10 053 7SCY10 732-000 UNIT 04-014-053 1										411-011-210 4SCANR 410 4SCANR 507-000 UNIT 04-011-410									
NC 054										NC 054										411-011-211 43BSCANO 411 43BSCANO 507-000 UNIT 04-011-411									
236-015-055 2SCHW10 055 2SCHW10 232-000 UNIT 04-014-055 13,YK										736-015-055 7SCHW10 055 7SCHW10 732-000 UNIT 04-014-055 1										411-011-212 4RSTFANS 412 4RSTFANS 507-000 UNIT 04-011-412									
NC 056										NC 056																			
.....J4										J9										J2									
336-014 JACK/UNIT (TMSU2).....										836-014 JACK/UNIT (TMSU2).....										611-011 JACK/UNIT (FU).....									
NC 045										NC 045										NC 400									
NC 046										NC 046										NC 401									
NC 047										NC 047										711-011-202 7RSTFAN 402 7RSTFAN 607-000 UNIT 04-011-402									
NC 048										NC 048										711-011-210 7SCANR 410 7SCANR 607-000 UNIT 04-011-410									
NC 049										NC 049										711-011-211 73BSCANO 411 73BSCANO 607-000 UNIT 04-011-411									
336-015-050 3E00SJ 050 3E00SJ 332-000 UNIT 04-014-050 13,YG										836-015-050 8E00SJ 050 8E00SJ 832-000 UNIT 04-014-050 13,YG										711-011-212 7RSTFANS 412 7RSTFANS 607-000 UNIT 04-011-412									
NC 051										NC 051																			
NC 052										NC 052																			
336-015-053 3SCY10 053 3SCY10 332-000 UNIT 04-014-053 13,YG										836-015-053 8SCY10 053 8SCY10 832-000 UNIT 04-014-053 13,YG																			
NC 054										NC 054																			
336-015-055 3SCHW10 055 3SCHW10 332-000 UNIT 04-014-055 13,YG										836-015-055 8SCHW10 055 8SCHW10 832-000 UNIT 04-014-055 13,YG																			
NC 056										NC 056																			
.....J5										J10										J3									
436-014 JACK/UNIT (TMSU2).....										936-014 JACK/UNIT (TMSU2).....										411-011 JACK/UNIT (FU).....									
NC 045										NC 045										NC 400									
NC 046										NC 046										NC 401									
NC 047										NC 047										311-011-202 3RSTFAN 402 3RSTFAN 407-000 UNIT 04-011-402 D									
NC 048										NC 048										311-011-210 3SCANR 410 3SCANR 407-000 UNIT 04-011-410 D									
NC 049										NC 049										311-011-211 33BSCANO 411 33BSCANO 407-000 UNIT 04-011-411 D									
436-015-050 4E00SJ 050 4E00SJ 432-000 UNIT 04-014-050 1										936-015-050 9E00SJ 050 9E00SJ 932-000 UNIT 04-014-050 13,YK										311-011-212 3RSTFANS 412 3RSTFANS 407-000 UNIT 04-011-412 D									
NC 051										NC 051																			
NC 052										NC 052																			
436-015-053 4SCY10 053 4SCY10 432-000 UNIT 04-014-053 1										936-015-053 9SCY10 053 9SCY10 932-000 UNIT 04-014-053 13,YK																			
NC 054										NC 054																			
436-015-055 4SCHW10 055 4SCHW10 432-000 UNIT 04-014-055 1										936-015-055 9SCHW10 055 9SCHW10 932-000 UNIT 04-014-055 13,YK																			
NC 056										NC 056																			
.....J6										J11																			
536-014 JACK/UNIT (TMSU2).....										1036-014 JACK/UNIT (TMSU2).....																			
NC 045										NC 045																			
NC 046										NC 046																			
NC 047										NC 047																			
NC 048										NC 048																			
NC 049										NC 049																			
1036-015-050 10E00SJ 050 10E00SJ 1032-000 UNIT 04-014-050 13,YN										1036-015-053 10SCY10 053 10SCY10 1032-000 UNIT 04-014-053 13,YN																			
NC 051										NC 051																			
NC 052										NC 052																			
NC 049																													

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

AT&T

DWG SIZE
CZ

ISSUE
3B

SD-50144-02

GB35

PRINTED IN U.S.A.

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DIRECT MICROPROCESSOR ACCESS CABLE

AP FIG 19 CAD 069

ECL-BUS UNIT CONTROL AND RETURN, BAY 4 TO BAY 3

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

SD-50144-02

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(CONT'D)

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IN U.S.A.

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COMMUNICATION MODULE, MODEL Z - DOUBLE DUAL FABRIC	DWG SIZE	ISSUE
	CZ	3B
AT&T	SD-5D144-02	G838

AP FIG 19 CAD 069

(CONT'D)

AP FIG 19 CAD 069

(CONT'D)

AP FIG 19 CAD 069

(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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE																				
J5										J5										J6										J6										J6										J6									
328-164										328-164 (CONT'D)										328-158										328-158 (CONT'D)										328-158 (CONT'D)										328-158 (CONT'D)									
428-022-232	GRD			232	GRD	324-000	UNIT	04-164-232	ZE	428-022-542	00EP118C			542	00EP118C	324-000	UNIT	04-164-542	ZE	428-028-447	GRD			447	GRD	324-000	UNIT	04-158-447	ZE	428-028-447	GRD			447	GRD	324-000	UNIT	04-158-447	ZE	428-028-447	GRD			447	GRD	324-000	UNIT	04-158-447	ZE										
428-022-233	00EP129C			233	00EP129C	324-000	UNIT	04-164-233	ZE	428-022-543	00EP117T			543	00EP117T	324-000	UNIT	04-164-543	ZE	428-028-448	00EP211C			448	00EP211C	324-000	UNIT	04-158-448	ZE	428-028-448	00EP211C			448	00EP211C	324-000	UNIT	04-158-448	ZE	428-028-448	00EP211C			448	00EP211C	324-000	UNIT	04-158-448	ZE										
428-022-234	00EP128T			234	00EP128T	324-000	UNIT	04-164-234	ZE					544						428-028-449	00EP210T			449	00EP210T	324-000	UNIT	04-158-449	ZE	428-028-449	00EP210T			449	00EP210T	324-000	UNIT	04-158-449	ZE	428-028-449	00EP210T			449	00EP210T	324-000	UNIT	04-158-449	ZE										
428-022-236	00EP125C			236	00EP125C	324-000	UNIT	04-164-236	ZE	428-022-545	GRD			545	GRD	324-000	UNIT	04-164-545	ZE	428-028-451	00EP207C			451	00EP207C	324-000	UNIT	04-158-451	ZE	428-028-451	00EP207C			451	00EP207C	324-000	UNIT	04-158-451	ZE	428-028-451	00EP207C			451	00EP207C	324-000	UNIT	04-158-451	ZE										
428-022-237	00EP124T			237	00EP124T	324-000	UNIT	04-164-237	ZE	428-022-546	00EP114C			546	00EP114C	324-000	UNIT	04-164-546	ZE	428-028-452	00EP206T			452	00EP206T	324-000	UNIT	04-158-452	ZE	428-028-452	00EP206T			452	00EP206T	324-000	UNIT	04-158-452	ZE	428-028-452	00EP206T			452	00EP206T	324-000	UNIT	04-158-452	ZE										
428-022-239	00EP121C			239	00EP121C	324-000	UNIT	04-164-239	ZE	428-022-547	00EP113T			547	00EP113T	324-000	UNIT	04-164-547	ZE	428-028-453	00EP205C			453	00EP205C	324-000	UNIT	04-158-453	ZE	428-028-453	00EP205C			453	00EP205C	324-000	UNIT	04-158-453	ZE	428-028-453	00EP205C			453	00EP205C	324-000	UNIT	04-158-453	ZE										
428-022-240	00EP120T			240	00EP120T	324-000	UNIT	04-164-240	ZE	428-022-548	GRD			548	GRD	324-000	UNIT	04-164-548	ZE	428-028-454	00EP203C			454	00EP203C	324-000	UNIT	04-158-454	ZE	428-028-454	00EP203C			454	00EP203C	324-000	UNIT	04-158-454	ZE	428-028-454	00EP203C			454	00EP203C	324-000	UNIT	04-158-454	ZE										
428-022-242	00EP117C			242	00EP117C	324-000	UNIT	04-164-242	ZE	428-022-549	00EP110C			549	00EP110C	324-000	UNIT	04-164-549	ZE	428-028-455	00EP202T			455	00EP202T	324-000	UNIT	04-158-455	ZE	428-028-455	00EP202T			455	00EP202T	324-000	UNIT	04-158-455	ZE	428-028-455	00EP202T			455	00EP202T	324-000	UNIT	04-158-455	ZE										
428-022-243	00EP116T			243	00EP116T	324-000	UNIT	04-164-243	ZE	428-022-550	00EP109T			550	00EP109T	324-000	UNIT	04-164-550	ZE	428-028-532	GRD			532	GRD	324-000	UNIT	04-158-532	ZE	428-028-532	GRD			532	GRD	324-000	UNIT	04-158-532	ZE	428-028-532	GRD			532	GRD	324-000	UNIT	04-158-532	ZE										
428-022-245	GRD			245	GRD	324-000	UNIT	04-164-245	ZE	428-022-553	00EP105T			553	00EP105T	324-000	UNIT	04-164-553	ZE	428-028-533	00EP230C			533	00EP230C	324-000	UNIT	04-158-533	ZE	428-028-533	00EP230C			533	00EP230C	324-000	UNIT	04-158-533	ZE	428-028-533	00EP230C			533	00EP230C	324-000	UNIT	04-158-533	ZE										
428-022-246	00EP113C			246	00EP113C	324-000	UNIT	04-164-246	ZE	428-022-554	GRD			554	GRD	324-000	UNIT	04-164-554	ZE	428-028-534	00EP229T			534	00EP229T	324-000	UNIT	04-158-534	ZE	428-028-534	00EP229T			534	00EP229T	324-000	UNIT	04-158-534	ZE	428-028-534	00EP229T			534	00EP229T	324-000	UNIT	04-158-534	ZE										
428-022-247	00EP112T			247	00EP112T	324-000	UNIT	04-164-247	ZE	428-022-555	00EP102C			555	00EP102C	324-000	UNIT	04-164-555	ZE	428-028-535	GRD			535	GRD	324-000	UNIT	04-158-535	ZE	428-028-535	GRD			535	GRD	324-000	UNIT	04-158-535	ZE	428-028-535	GRD			535	GRD	324-000	UNIT	04-158-535	ZE										
428-022-249	00EP109C			249	00EP109C	324-000	UNIT	04-164-249	ZE	428-022-556	00EP101T			556	00EP101T	324-000	UNIT	04-164-556	ZE	428-028-536	00EP226C			536	00EP226C	324-000	UNIT	04-158-536	ZE	428-028-536	00EP226C			536	00EP226C	324-000	UNIT	04-158-536	ZE	428-028-536	00EP226C			536	00EP226C	324-000	UNIT	04-158-536	ZE										
428-022-250	00EP108T			250	00EP108T	324-000	UNIT	04-164-250	ZE					556						428-028-537	00EP225T			537	00EP225T	324-000	UNIT	04-158-537	ZE	428-028-537	00EP225T			537	00EP225T	324-000	UNIT	04-158-537	ZE	428-028-537	00EP225T			537	00EP225T	324-000	UNIT	04-158-537	ZE										
428-022-252	00EP105C			252	00EP105C	324-000	UNIT	04-164-252	ZE	428-028-232	GRD			232	GRD	324-000	UNIT	04-158-232	ZE	428-028-538	GRD			538	GRD	324-000	UNIT	04-158-538	ZE	428-028-538	GRD			538	GRD	324-000	UNIT	04-158-538	ZE	428-028-538	GRD			538	GRD	324-000	UNIT	04-158-538	ZE										
428-022-253	00EP104T			253	00EP104T	324-000	UNIT	04-164-253	ZE	428-028-233	00EP229C			233	00EP229C	324-000	UNIT	04-158-233	ZE	428-028-541	GRD			541	GRD	324-000	UNIT	04-158-541	ZE	428-028-541	GRD			541	GRD	324-000	UNIT	04-158-541	ZE	428-028-541	GRD			541	GRD	324-000	UNIT	04-158-541	ZE										
428-022-255	00EP101C			255	00EP101C	324-000	UNIT	04-164-255	ZE	428-028-234	00EP228T			234	00EP228T	324-000	UNIT	04-158-234	ZE	428-028-542	00EP218C			542	00EP218C	324-000	UNIT	04-158-542	ZE	428-028-542	00EP218C			542	00EP218C	324-000	UNIT	04-158-542	ZE	428-028-542	00EP218C			542	00EP218C	324-000	UNIT	04-158-542	ZE										
428-022-256	00EP100T			256	00EP100T	324-000	UNIT	04-164-256	ZE	428-028-236	00EP225C			236	00EP225C	324-000	UNIT	04-158-236	ZE	428-028-543	00EP217T			543	00EP217T	324-000	UNIT	04-158-543	ZE	428-028-543	00EP217T			543	00EP217T	324-000	UNIT	04-158-543	ZE	428-028-543	00EP217T			543	00EP217T	324-000	UNIT	04-158-543	ZE										
428-022-332	00EP131T			332	00EP131T	324-000	UNIT	04-164-332	ZE	428-028-237	00EP224T			237	00EP224T	324-000	UNIT	04-158-237	ZE	428-028-545	GRD			545	GRD	324-000	UNIT	04-158-545	ZE	428-028-545	GRD			545	GRD	324-000	UNIT	04-158-545	ZE	428-028-545	GRD			545	GRD	324-000	UNIT	04-158-545	ZE										
428-022-333	GRD			333	GRD	324-000	UNIT	04-164-333	ZE	428-028-239	00EP221C			239	00EP221C	324-000	UNIT	04-158-239	ZE	428-028-546	00EP214C			546	00EP214C	324-000	UNIT	04-158-546	ZE	428-028-546	00EP214C			546	00																								

AP FIG 19 CAD 070

ECL-BUS UNIT CONTROL AND RETURN, BAY 3 TO BAY 2

AP FIG 19 CAD 070

(CONT'D)

AP FIG 19 CAD 070

(CONT'D)

TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE	DESTINATION	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE				
J1										J1										J2										J2									
328-006 JACK/UNIT (EBU)										328-006 (CONT'D) JACK/UNIT (EBU)										228-176 (CONT'D) JACK/UNIT (EBU)										228-176 (CONT'D) JACK/UNIT (EBU)									
228-176-200	GRD			200	GRD					228-176-510	OSPARE22			510	OSPARE22	324-000	UNIT	04-006-510	ZF	328-006-447	GRD			447	GRD					228-176-447	GRD								
228-176-201	00EMXMC			201	00EMXMC	324-000	UNIT	04-006-201	ZF	228-176-511	OSPARE23			511	OSPARE23	324-000	UNIT	04-006-511	ZF	328-006-448	00EKS4C			448	00EKS4C	224-000	UNIT	04-176-448	ZF	228-176-448	00EKS4C	224-000	UNIT	04-176-448	ZF				
228-176-202	00EMXMT			202	00EMXMT	324-000	UNIT	04-006-202	ZF					512						328-006-449	00EKS4T			449	00EKS4T	224-000	UNIT	04-176-449	ZF	228-176-449	00EKS4T	224-000	UNIT	04-176-449	ZF				
	NC			203						228-176-513	GRD			513	GRD									450															
228-176-204	OSPARE0			204	OSPARE0	324-000	UNIT	04-006-204	ZF	228-176-514	OSPARE13			514	OSPARE13	324-000	UNIT	04-006-514	ZF	328-006-451	00STER4C			451	00STER4C	224-000	UNIT	04-176-451	ZF	228-176-451	00STER4C	224-000	UNIT	04-176-451	ZF				
228-176-205	OSPARE1			205	OSPARE1	324-000	UNIT	04-006-205	ZF	228-176-515	OSPARE14			515	OSPARE14	324-000	UNIT	04-006-515	ZF	328-006-452	00STCD4T			452	00STCD4T	224-000	UNIT	04-176-452	ZF	228-176-452	00STCD4T	224-000	UNIT	04-176-452	ZF				
	NC			206						228-176-516	GRD			516	GRD									453															
228-176-207	00STER1C			207	00STER1C	324-000	UNIT	04-006-207	ZF	228-176-517	00EM650C			517	00EM650C	324-000	UNIT	04-006-517	ZF	328-006-454	00EKS50C			454	00EKS50C	224-000	UNIT	04-176-454	ZF	228-176-454	00EKS50C	224-000	UNIT	04-176-454	ZF				
228-176-208	00STCD1T			208	00STCD1T	324-000	UNIT	04-006-208	ZF	228-176-518	00EMSY1T			518	00EMSY1T	324-000	UNIT	04-006-518	ZF	328-006-455	00EKS50T			455	00EKS50T	224-000	UNIT	04-176-455	ZF	228-176-455	00EKS50T	224-000	UNIT	04-176-455	ZF				
	NC			209						228-176-519	GRD			519	GRD									456															
228-176-210	OSPARE16			210	OSPARE16	324-000	UNIT	04-006-210	ZF	228-176-520	00EM652C			520	00EM652C	324-000	UNIT	04-006-520	ZF	328-006-532	GRD			532	GRD														
228-176-211	OSPARE17			211	OSPARE17	324-000	UNIT	04-006-211	ZF	228-176-521	00ELSY3T			521	00ELSY3T	324-000	UNIT	04-006-521	ZF	328-006-533	00STCD0C			533	00STCD0C	224-000	UNIT	04-176-533	ZF	228-176-533	00STCD0C	224-000	UNIT	04-176-533	ZF				
	NC			212						228-176-522	GRD			522	GRD									534	00STER1T	224-000	UNIT	04-176-534	ZF	228-176-534	00STER1T	224-000	UNIT	04-176-534	ZF				
228-176-213	GRD			213	GRD					228-176-523	00EL654C			523	00EL654C	324-000	UNIT	04-006-523	ZF	328-006-535	GRD			535	GRD														
228-176-214	OSPARE2			214	OSPARE2	324-000	UNIT	04-006-214	ZF	228-176-524	OSPARE15			524	OSPARE15	324-000	UNIT	04-006-524	ZF	328-006-536	00STCD2C			536	00STCD2C	224-000	UNIT	04-176-536	ZF	228-176-536	00STCD2C	224-000	UNIT	04-176-536	ZF				
228-176-215	OSPARE3			215	OSPARE3	324-000	UNIT	04-006-215	ZF															537	00STER3T	224-000	UNIT	04-176-537	ZF	228-176-537	00STER3T	224-000	UNIT	04-176-537	ZF				
	NC			216																328-006-538	GRD			538	GRD														
228-176-217	00EMSY1C			217	00EMSY1C	324-000	UNIT	04-006-217	ZF											328-006-539	00EXM2C			539	00EXM2C	224-000	UNIT	04-176-539	ZF	228-176-539	00EXM2C	224-000	UNIT	04-176-539	ZF				
228-176-218	00EM651T			218	00EM651T	324-000	UNIT	04-006-218	ZF											328-006-540	00EXM1T			540	00EXM1T	224-000	UNIT	04-176-540	ZF	228-176-540	00EXM1T	224-000	UNIT	04-176-540	ZF				
	NC			219																328-006-541	GRD			541	GRD														
228-176-220	00ELSY3C			220	00ELSY3C	324-000	UNIT	04-006-220	ZF	328-006-232	GRD			232	GRD					328-006-542	00ECDCATC			542	00ECDCATC	224-000	UNIT	04-176-542	ZF	228-176-542	00ECDCATC	224-000	UNIT	04-176-542	ZF				
228-176-221	00EL653T			221	00EL653T	324-000	UNIT	04-006-221	ZF	328-006-233	00STER1C			233	00STER1C	224-000	UNIT	04-176-233	ZF	328-006-543	00ICD1			543	00ICD1	224-000	UNIT	04-176-543	ZF	228-176-543	00ICD1	224-000	UNIT	04-176-543	ZF				
	NC			222						328-006-234	00STCD1T			234	00STCD1T	224-000	UNIT	04-176-234	ZF					544															
228-176-223	OSPARE4			223	OSPARE4	324-000	UNIT	04-006-223	ZF	328-006-236	00STER3C			236	00STER3C	224-000	UNIT	04-176-236	ZF	328-006-545	GRD			545	GRD														
228-176-224	OSPARE5			224	OSPARE5	324-000	UNIT	04-006-224	ZF	328-006-237	00STCD3T			237	00STCD3T	224-000	UNIT	04-176-237	ZF	328-006-5																			

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AP FIG 19 CAD 070 (CONT'D)										AP FIG 19 CAD 070 (CONT'D)										AP FIG 19 CAD 070 (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	
.....J3										J3										J4										
228-170 JACK/UNIT (EBU).....										228-170 (CONT'D) JACK/UNIT (EBU).....										228-170 (CONT'D) JACK/UNIT (EBU).....										
NC				200						NC				510						328-014-447	GRD			447	GRD	224-000	UNIT	04-170-447	ZF	
NC				201						NC				511						328-014-448	00EP011C	224-000	UNIT	04-170-448	00EP011C	224-000	UNIT	04-170-448	ZF	
NC				202						NC				512						328-014-449	00EP010T	224-000	UNIT	04-170-449	00EP010T	224-000	UNIT	04-170-449	ZF	
NC				203						328-014-513	GRD			513	GRD	224-000	UNIT	04-170-513	ZF		NC			450						
NC				204						328-014-514	00SE006C	224-000	UNIT	514	00SE006C	224-000	UNIT	04-170-514	ZF		328-014-451	00EP007C	224-000	UNIT	04-170-451	00EP007C	224-000	UNIT	04-170-451	ZF
NC				205						328-014-515	00SE005T	224-000	UNIT	515	00SE005T	224-000	UNIT	04-170-515	ZF		328-014-452	00EP006T	224-000	UNIT	04-170-452	00EP006T	224-000	UNIT	04-170-452	ZF
NC				206						328-014-516	GRD			516	GRD	224-000	UNIT	04-170-516	ZF		NC			453						
NC				207						328-014-517	00SE002C	224-000	UNIT	517	00SE002C	224-000	UNIT	04-170-517	ZF		328-014-454	00EP003C	224-000	UNIT	04-170-454	00EP003C	224-000	UNIT	04-170-454	ZF
NC				208						328-014-518	00SE001T	224-000	UNIT	518	00SE001T	224-000	UNIT	04-170-518	ZF		328-014-455	00EP002T	224-000	UNIT	04-170-455	00EP002T	224-000	UNIT	04-170-455	ZF
NC				209						328-014-519	GRD			519	GRD	224-000	UNIT	04-170-519	ZF		NC			456						
NC				210						328-014-520	00SE014C	224-000	UNIT	520	00SE014C	224-000	UNIT	04-170-520	ZF		328-014-532	GRD		532	GRD	224-000	UNIT	04-170-532	ZF	
NC				211						328-014-521	00SE013T	224-000	UNIT	521	00SE013T	224-000	UNIT	04-170-521	ZF		328-014-533	00EP030C	224-000	UNIT	04-170-533	00EP030C	224-000	UNIT	04-170-533	ZF
NC				212						328-014-522	GRD			522	GRD	224-000	UNIT	04-170-522	ZF		328-014-534	00EP029T	224-000	UNIT	04-170-534	00EP029T	224-000	UNIT	04-170-534	ZF
328-014-213	GRD			213	GRD	224-000	UNIT	04-170-213	ZF	328-014-523	00SE010C	224-000	UNIT	523	00SE010C	224-000	UNIT	04-170-523	ZF		328-014-535	GRD		535	GRD	224-000	UNIT	04-170-535	ZF	
328-014-214	00SE005C			214	00SE005C	224-000	UNIT	04-170-214	ZF	328-014-524	00SE009T	224-000	UNIT	524	00SE009T	224-000	UNIT	04-170-524	ZF		328-014-536	00EP026C	224-000	UNIT	04-170-536	00EP026C	224-000	UNIT	04-170-536	ZF
328-014-215	00SE004T			215	00SE004T	224-000	UNIT	04-170-215	ZF	J4										228-170 JACK/UNIT (EBU).....										
NC				216						328-014-232	GRD			232	GRD	224-000	UNIT	04-170-232	ZF		328-014-537	00EP025T	224-000	UNIT	04-170-537	00EP025T	224-000	UNIT	04-170-537	ZF
328-014-217	00SE001C			217	00SE001C	224-000	UNIT	04-170-217	ZF	328-014-233	00EP029C	224-000	UNIT	233	00EP029C	224-000	UNIT	04-170-233	ZF		328-014-538	GRD		538	GRD	224-000	UNIT	04-170-538	ZF	
328-014-218	00SE000T			218	00SE000T	224-000	UNIT	04-170-218	ZF	328-014-234	00EP028T	224-000	UNIT	234	00EP028T	224-000	UNIT	04-170-234	ZF		328-014-539	00EP022C	224-000	UNIT	04-170-539	00EP022C	224-000	UNIT	04-170-539	ZF
NC				219						328-014-235	NC			235	NC						328-014-540	00EP021T	224-000	UNIT	04-170-540	00EP021T	224-000	UNIT	04-170-540	ZF
328-014-220	00SE013C			220	00SE013C	224-000	UNIT	04-170-220	ZF	328-014-236	00EP025C	224-000	UNIT	236	00EP025C	224-000	UNIT	04-170-236	ZF		328-014-541	GRD		541	GRD	224-000	UNIT	04-170-541	ZF	
328-014-221	00SE012T			221	00SE012T	224-000	UNIT	04-170-221	ZF	328-014-237	00EP024T	224-000	UNIT	237	00EP024T	224-000	UNIT	04-170-237	ZF		328-014-542	00EP018C	224-000	UNIT	04-170-542	00EP018C	224-000	UNIT	04-170-542	ZF
NC				222						NC				238	NC						328-014-543	00EP017T	224-000	UNIT	04-170-543	00EP017T	224-000	UNIT	04-170-543	ZF
328-014-223	00SE009C			223	00SE009C	224-000	UNIT	04-170-223	ZF	328-014-239	00EP021C	224-000	UNIT	239	00EP021C	224-000	UNIT	04-170-239	ZF		328-014-544	00EP014C	224-000	UNIT	04-170-544	00EP014C	224-000	UNIT	04-170-544	ZF
328-014-224	00SE008T			224	00SE008T	224-000	UNIT	04-170-224	ZF	328-014-240	00EP020T	224-000	UNIT	240	00EP020T	224-000	UNIT	04-170-240	ZF		328-014-545	00EP013T	224-000	UNIT	04-170-545	00EP013T	224-000	UNIT	04-170-545	ZF
NC				300						NC				241	NC						328-014-546	GRD		546	GRD	224-000	UNIT	04-170-546	ZF	
NC				301						328-014-242	00EP017C	224-000	UNIT	242	00EP017C	224-000	UNIT	04-170-242	ZF		328-014-547	00EP010C	224-000	UNIT	04-170-547	00EP010C	224-000	UNIT	04-170-547	ZF
NC				302						328-014-243	00EP016T	224-000	UNIT	243	00EP016T	224-000	UNIT	04-170-243	ZF		328-014-548	00EP009T	224-000	UNIT	04-170-548	00EP009T	224-000	UNIT	04-170-548	ZF
NC				303						NC				244	NC						328-014-549	00EP008C	224-000	UNIT	04-170-549	00EP008C	224-000	UNIT	04-170-549	ZF
NC				304						328-014-245	GRD			245	GRD	224-000	UNIT	04-170-245	ZF		328-014-550	00EP007T	224-000	UNIT	04-170-550	00EP007T	224-000	UNIT	04-170-550	ZF
NC				305						328-014-246	00EP013C	224-000	UNIT	246	00EP013C	224-000	UNIT	04-170-246	ZF		328-014-551	GRD		5						

AP FIG 19 CAD 070 (CONT'D)										AP FIG 19 CAD 070 (CONT'D)										AP FIG 19 CAD 070 (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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
J5 228-164 JACK/UNIT (EBU)										J5 228-164 JACK/UNIT (EBU)										J6 228-158 JACK/UNIT (EBU)																			
328-022-232	GRD			232	GRD	224-000	UNIT			328-022-542	00EP118C			542	00EP118C	224-000	UNIT			328-028-447	GRD			447	GRD	224-000	UNIT												
328-022-233	00EP129C			233	00EP129C	224-000	UNIT			328-022-543	00EP117T			543	00EP117T	224-000	UNIT			328-028-448	00EP211C			448	00EP211C	224-000	UNIT												
328-022-234	00EP128T			234	00EP128T	224-000	UNIT				NC			544	NC					328-028-449	00EP210T			449	00EP210T	224-000	UNIT												
	NC			235						328-022-545	GRD			545	GRD	224-000	UNIT				NC			450															
328-022-236	00EP125C			236	00EP125C	224-000	UNIT			328-022-546	00EP114C			546	00EP114C	224-000	UNIT			328-028-451	00EP207C			451	00EP207C	224-000	UNIT												
328-022-237	00EP124T			237	00EP124T	224-000	UNIT			328-022-547	00EP113T			547	00EP113T	224-000	UNIT			328-028-452	00EP206T			452	00EP206T	224-000	UNIT												
	NC			238						328-022-548	GRD			548	GRD	224-000	UNIT				NC			453															
328-022-239	00EP121C			239	00EP121C	224-000	UNIT			328-022-549	00EP110C			549	00EP110C	224-000	UNIT			328-028-454	00EP203C			454	00EP203C	224-000	UNIT												
328-022-240	00EP120T			240	00EP120T	224-000	UNIT			328-022-550	00EP109T			550	00EP109T	224-000	UNIT			328-028-455	00EP202T			455	00EP202T	224-000	UNIT												
	NC			241						328-022-551	GRD			551	GRD	224-000	UNIT				NC			456															
328-022-242	00EP117C			242	00EP117C	224-000	UNIT			328-022-552	00EP106C			552	00EP106C	224-000	UNIT			328-028-532	GRD			532	GRD	224-000	UNIT												
328-022-243	00EP116T			243	00EP116T	224-000	UNIT			328-022-553	00EP105T			553	00EP105T	224-000	UNIT			328-028-533	00EP230C			533	00EP230C	224-000	UNIT												
	NC			244						328-022-554	GRD			554	GRD	224-000	UNIT			328-028-534	00EP229T			534	00EP229T	224-000	UNIT												
328-022-245	GRD			245	GRD	224-000	UNIT			328-022-555	00EP102C			555	00EP102C	224-000	UNIT			328-028-535	GRD			535	GRD	224-000	UNIT												
328-022-246	00EP113C			246	00EP113C	224-000	UNIT			328-022-556	00EP101T			556	00EP101T	224-000	UNIT			328-028-536	00EP226C			536	00EP226C	224-000	UNIT												
328-022-247	00EP112T			247	00EP112T	224-000	UNIT													328-028-537	00EP225T			537	00EP225T	224-000	UNIT												
	NC			248																328-028-538	GRD			538	GRD	224-000	UNIT												
328-022-249	00EP109C			249	00EP109C	224-000	UNIT													328-028-539	00EP222C			539	00EP222C	224-000	UNIT												
328-022-250	00EP108T			250	00EP108T	224-000	UNIT			328-028-540	00EP221T			540	00EP221T	224-000	UNIT			328-028-541	GRD			541	GRD	224-000	UNIT												
	NC			251						328-028-542	00EP218C			542	00EP218C	224-000	UNIT			328-028-543	00EP217T			543	00EP217T	224-000	UNIT												
328-022-252	00EP105C			252	00EP105C	224-000	UNIT				NC			544							NC			544															
328-022-253	00EP104T			253	00EP104T	224-000	UNIT			328-028-545	GRD			545	GRD	224-000	UNIT			328-028-546	00EP214C			546	00EP214C	224-000	UNIT												
	NC			254						328-028-546	00EP225C			546	00EP225C	224-000	UNIT			328-028-547	00EP213T			547	00EP213T	224-000	UNIT												
328-022-255	00EP101C			255	00EP101C	224-000	UNIT			328-028-547	00EP224T			547	00EP224T	224-000	UNIT			328-028-548	GRD			548	GRD	224-000	UNIT												
328-022-256	00EP100T			256	00EP100T	224-000	UNIT			328-028-549	00EP221C			549	00EP221C	224-000	UNIT			328-028-550	00EP210C			549	00EP210C	224-000	UNIT												
328-022-257	00EP131T			332	00EP131T	224-000	UNIT				NC			550	00EP209T					328-028-551	GRD			550	00EP209T	224-000	UNIT												
328-022-258	GRD			333	GRD	224-000	UNIT			328-028-551	00EP217C			549	00EP217C	224-000	UNIT			328-028-552	00EP206C			551	GRD	224-000	UNIT												
328-022-259	00EP128C			334	00EP128C	224-000	UNIT			328-028-552	00EP216T			551	00EP216T	224-000	UNIT			328-028-553	00EP205T			552	00EP206C	224-000	UNIT												
328-022-260	00EP127T			335	00EP127T	224-000	UNIT			328-028-553	GRD			552	GRD	224-000	UNIT			328-028-554	GRD			553	00EP205T	224-000	UNIT												
328-022-261	GRD			336	GRD	224-000	UNIT			328-028-554	00EP213C			553	00EP213C	224-000	UNIT			328-028-555	00EP202C			554	GRD	224-000	UNIT												
328-022-262	00EP124C			337	00EP124C	224-000	UNIT			328-028-555	00EP212T			554	00EP212T	224-000	UNIT			328-028-556	00EP201T			555	00EP202C	224-000	UNIT												
328-022-263	00EP123T			338	00EP123T	224-000	UNIT				NC			555								NC			556	00EP201T	224-000	UNIT											
328-022-264	GRD			339	GRD	224-000	UNIT			328-028-549	00EP209C			549	00EP209C	224-000	UNIT																						
328-022-265	00EP120C			340	00EP120C	224-000	UNIT			328-028-550	00EP208T			550	00EP208T	224-000	UNIT																						
328-022-266	00EP119T			341	00EP119T	224-000	UNIT																																

AP FIG 19 CAD 071

ECL-BUS UNIT CONTROL AND RETURN, BAY 2 TO BAY 1

AP FIG 19 CAD 071

(CONT'D)

AP FIG 19 CAD 071

(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	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
J1										J1										J2										J2									
228-006										228-006 (CONT'D)										128-176 (CONT'D)										128-176 (CONT'D)									
128-176-200	GRD			200	GRD					128-176-510	OSTCD2C			510	OSTCD2C	224-000	UNIT	04-006-510	ZG	228-006-447	GRD			447	GRD	124-000	UNIT	04-176-447	ZG	228-006-447	GRD			447	GRD	124-000	UNIT	04-176-447	ZG
128-176-201	OEEMX1C			201	OEEMX1C	224-000	UNIT	04-006-201	ZG	128-176-511	OSTER3T			511	OSTER3T	224-000	UNIT	04-006-511	ZG	228-006-448	OEKSY4C			448	OEKSY4C	124-000	UNIT	04-176-448	ZG	228-006-448	OEKSY4C			448	OEKSY4C	124-000	UNIT	04-176-448	ZG
128-176-202	OEEMX0T			202	OEEMX0T	224-000	UNIT	04-006-202	ZG					512						228-006-449	OEK654T			449	OEK654T	124-000	UNIT	04-176-449	ZG	228-006-449	OEK654T			449	OEK654T	124-000	UNIT	04-176-449	ZG
	NC			203						128-176-513	GRD			513	GRD					228-006-450	NC			450	NC					228-006-450	NC			450	NC				
128-176-204	OSPARE0			204	OSPARE0	224-000	UNIT	04-006-204	ZG	128-176-514	OSPARE13			514	OSPARE13	224-000	UNIT	04-006-514	ZG	228-006-451	OSTER4C			451	OSTER4C	124-000	UNIT	04-176-451	ZG	228-006-451	OSTER4C			451	OSTER4C	124-000	UNIT	04-176-451	ZG
128-176-205	OSPARE1			205	OSPARE1	224-000	UNIT	04-006-205	ZG	128-176-515	OSPARE14			515	OSPARE14	224-000	UNIT	04-006-515	ZG	228-006-452	OSTCD4T			452	OSTCD4T	124-000	UNIT	04-176-452	ZG	228-006-452	OSTCD4T			452	OSTCD4T	124-000	UNIT	04-176-452	ZG
	NC			206						128-176-516	GRD			516	GRD					228-006-453	NC			453	NC					228-006-453	NC			453	NC				
128-176-207	OSTER1C			207	OSTER1C	224-000	UNIT	04-006-207	ZG	128-176-517	OEEM650C			517	OEEM650C	224-000	UNIT	04-006-517	ZG	228-006-454	OEKSY0C			454	OEKSY0C	124-000	UNIT	04-176-454	ZG	228-006-454	OEKSY0C			454	OEKSY0C	124-000	UNIT	04-176-454	ZG
128-176-208	OSTCD1T			208	OSTCD1T	224-000	UNIT	04-006-208	ZG	128-176-518	OEEMSY1T			518	OEEMSY1T	224-000	UNIT	04-006-518	ZG	228-006-455	OEK650T			455	OEK650T	124-000	UNIT	04-176-455	ZG	228-006-455	OEK650T			455	OEK650T	124-000	UNIT	04-176-455	ZG
	NC			209						128-176-519	GRD			519	GRD					228-006-456	NC			456	NC					228-006-456	NC			456	NC				
128-176-210	OSTER3C			210	OSTER3C	224-000	UNIT	04-006-210	ZG	128-176-520	OEEM652C			520	OEEM652C	224-000	UNIT	04-006-520	ZG	228-006-457	GRD			457	GRD	124-000	UNIT	04-176-457	ZG	228-006-457	GRD			457	GRD	124-000	UNIT	04-176-457	ZG
128-176-211	OSTCD3T			211	OSTCD3T	224-000	UNIT	04-006-211	ZG	128-176-521	OEELSY3T			521	OEELSY3T	224-000	UNIT	04-006-521	ZG	228-006-458	OSTCD0C			458	OSTCD0C	124-000	UNIT	04-176-458	ZG	228-006-458	OSTCD0C			458	OSTCD0C	124-000	UNIT	04-176-458	ZG
	NC			212						128-176-522	GRD			522	GRD					228-006-459	OSTER1T			459	OSTER1T	124-000	UNIT	04-176-459	ZG	228-006-459	OSTER1T			459	OSTER1T	124-000	UNIT	04-176-459	ZG
128-176-213	GRD			213	GRD					128-176-523	OEEL654C			523	OEEL654C	224-000	UNIT	04-006-523	ZG	228-006-460	GRD			460	GRD	124-000	UNIT	04-176-460	ZG	228-006-460	GRD			460	GRD	124-000	UNIT	04-176-460	ZG
128-176-214	OSPARE2			214	OSPARE2	224-000	UNIT	04-006-214	ZG	128-176-524	OSPARE15			524	OSPARE15	224-000	UNIT	04-006-524	ZG	228-006-461	OSTCD0C			461	OSTCD0C	124-000	UNIT	04-176-461	ZG	228-006-461	OSTCD0C			461	OSTCD0C	124-000	UNIT	04-176-461	ZG
128-176-215	OSPARE3			215	OSPARE3	224-000	UNIT	04-006-215	ZG											228-006-462	OSTER1T			462	OSTER1T	124-000	UNIT	04-176-462	ZG	228-006-462	OSTER1T			462	OSTER1T	124-000	UNIT	04-176-462	ZG
	NC			216																228-006-463	GRD			463	GRD	124-000	UNIT	04-176-463	ZG	228-006-463	GRD			463	GRD	124-000	UNIT	04-176-463	ZG
128-176-217	OEEMSY1C			217	OEEMSY1C	224-000	UNIT	04-006-217	ZG											228-006-464	OSTCD2C			464	OSTCD2C	124-000	UNIT	04-176-464	ZG	228-006-464	OSTCD2C			464	OSTCD2C	124-000	UNIT	04-176-464	ZG
128-176-218	OEEM651T			218	OEEM651T	224-000	UNIT	04-006-218	ZG											228-006-465	OSTER3T			465	OSTER3T	124-000	UNIT	04-176-465	ZG	228-006-465	OSTER3T			465	OSTER3T	124-000	UNIT	04-176-465	ZG
	NC			219																228-006-466	GRD			466	GRD	124-000	UNIT	04-176-466	ZG	228-006-466	GRD			466	GRD	124-000	UNIT	04-176-466	ZG
128-176-220	OEELSY3C			220	OEELSY3C	224-000	UNIT	04-006-220	ZG											228-006-467	OSTCD0C			467	OSTCD0C	124-000	UNIT	04-176-467	ZG	228-006-467	OSTCD0C			467	OSTCD0C	124-000	UNIT	04-176-467	ZG
128-176-221	OEEL653T			221	OEEL653T	224-000	UNIT	04-006-221	ZG											228-006-468	OSTER1T			468	OSTER1T	124-000	UNIT	04-176-468	ZG	228-006-468	OSTER1T			468	OSTER1T	124-000	UNIT	04-176-468	ZG
	NC			222																228-006-469	GRD			469	GRD	124-000	UNIT	04-176-469	ZG	228-006-469	GRD			469	GRD	124-000	UNIT	04-176-469	ZG
128-176-223	OSPARE4			223	OSPARE4	224-000	UNIT	04-006-223	ZG											228-006-470	OSTCD2C			470	OSTCD2C	124-000	UNIT	04-176-470	ZG	228-006-470	OSTCD2C			470	OSTCD2C	124-000	UNIT	04-176-470	ZG
128-176-224	OSPARE5			224	OSPARE5	224-000	UNIT	04-006-224	ZG											228-006-471	OSTER3T			471	OSTER3T	124-000	UNIT	04-176-471	ZG	228-006-471	OSTER3T			471	OSTER3T	124-000	UNIT	04-176-471	ZG
128-176-300	OEEMX3T			300	OEEMX3T	224-000	UNIT	04-006-300	ZG											228-006-472	GRD			472	GRD	124-000	UNIT	04-176-472	ZG	228-006-472	GRD			472	GRD	124-000	UNIT	04-176-472	ZG
128-176-301	GRD			301	GRD															228-006-473	OEEMX2C			473	OEEMX2C	124-000	UNIT	04-176-473	ZG	228-006-473	OEEMX2C			473	OEEMX2C	124-000	UNIT	04-176-473	ZG
128-176-302	OEEMX0C			302	OEEMX0C	224-000	UNIT	04-006-302	ZG											228-006-474	OEEMX1T			474	OEEMX1T	124-000	UNIT	04-											

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(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J8				128-158	JACK/UNIT (EBU)		
NC				200			
NC				201			
NC				202			
NC				203			
NC				204			
NC				205			
NC				206			
NC				207			
NC				208			
NC				209			
NC				210			
NC				211			
NC				212			
228-028-213	GRD			213	GRD 124-000 UNIT	04-158-213	ZG
228-028-214	00SE205C			214	00SE205C 124-000 UNIT	04-158-214	ZG
228-028-215	00SE204T			215	00SE204T 124-000 UNIT	04-158-215	ZG
NC				216			
228-028-217	00SE201C			217	00SE201C 124-000 UNIT	04-158-217	ZG
228-028-218	00SE200T			218	00SE200T 124-000 UNIT	04-158-218	ZG
NC				219			
228-028-220	00SE213C			220	00SE213C 124-000 UNIT	04-158-220	ZG
228-028-221	00SE212T			221	00SE212T 124-000 UNIT	04-158-221	ZG
NC				222			
228-028-223	00SE209C			223	00SE209C 124-000 UNIT	04-158-223	ZG
228-028-224	00SE208T			224	00SE208T 124-000 UNIT	04-158-224	ZG
NC				300			
NC				301			
NC				302			
NC				303			
NC				304			
NC				305			
NC				306			
NC				307			
NC				308			
NC				309			
NC				310			
NC				311			
NC				312			
228-028-313	00SE207T			313	00SE207T 124-000 UNIT	04-158-313	ZG
228-028-314	GRD			314	GRD 124-000 UNIT	04-158-314	ZG
228-028-315	00SE204C			315	00SE204C 124-000 UNIT	04-158-315	ZG
228-028-316	00SE203T			316	00SE203T 124-000 UNIT	04-158-316	ZG
228-028-317	GRD			317	GRD 124-000 UNIT	04-158-317	ZG
228-028-318	00SE200C			318	00SE200C 124-000 UNIT	04-158-318	ZG
228-028-319	00SE215T			319	00SE215T 124-000 UNIT	04-158-319	ZG
228-028-320	GRD			320	GRD 124-000 UNIT	04-158-320	ZG
228-028-321	00SE212C			321	00SE212C 124-000 UNIT	04-158-321	ZG
228-028-322	00SE211T			322	00SE211T 124-000 UNIT	04-158-322	ZG
228-028-323	GRD			323	GRD 124-000 UNIT	04-158-323	ZG
228-028-324	00SE208C			324	00SE208C 124-000 UNIT	04-158-324	ZG
NC				400			
NC				401			
NC				402			
NC				403			
NC				404			
NC				405			
NC				406			
NC				407			
NC				408			
NC				409			
NC				410			
NC				411			
NC				412			
228-028-413	00SE207C			413	00SE207C 124-000 UNIT	04-158-413	ZG
228-028-414	00SE206T			414	00SE206T 124-000 UNIT	04-158-414	ZG
228-028-415	GRD			415	GRD 124-000 UNIT	04-158-415	ZG
228-028-416	00SE203C			416	00SE203C 124-000 UNIT	04-158-416	ZG
228-028-417	00SE202T			417	00SE202T 124-000 UNIT	04-158-417	ZG
NC				418			
228-028-419	00SE215C			419	00SE215C 124-000 UNIT	04-158-419	ZG
228-028-420	00SE214T			420	00SE214T 124-000 UNIT	04-158-420	ZG
NC				421			
228-028-422	00SE211C			422	00SE211C 124-000 UNIT	04-158-422	ZG
228-028-423	00SE210T			423	00SE210T 124-000 UNIT	04-158-423	ZG
NC				424			
NC				500			
NC				501			
NC				502			
NC				503			
NC				504			
NC				505			
NC				506			
NC				507			
NC				508			
NC				509			

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(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J8				128-158	JACK/UNIT (EBU)		
NC				510			
NC				511			
NC				512			
228-028-513	GRD			513	GRD 124-000 UNIT	04-158-513	ZG
228-028-514	00SE206C			514	00SE206C 124-000 UNIT	04-158-514	ZG
228-028-515	00SE205T			515	00SE205T 124-000 UNIT	04-158-515	ZG
228-028-516	GRD			516	GRD 124-000 UNIT	04-158-516	ZG
228-028-517	00SE202C			517	00SE202C 124-000 UNIT	04-158-517	ZG
228-028-518	00SE201T			518	00SE201T 124-000 UNIT	04-158-518	ZG
228-028-519	GRD			519	GRD 124-000 UNIT	04-158-519	ZG
228-028-520	00SE214C			520	00SE214C 124-000 UNIT	04-158-520	ZG
228-028-521	00SE213T			521	00SE213T 124-000 UNIT	04-158-521	ZG
228-028-522	GRD			522	GRD 124-000 UNIT	04-158-522	ZG
228-028-523	00SE210C			523	00SE210C 124-000 UNIT	04-158-523	ZG
228-028-524	00SE209T			524	00SE209T 124-000 UNIT	04-158-524	ZG
J7				128-164	JACK/UNIT (EBU)		
NC				200			
NC				201			
NC				202			
NC				203			
NC				204			
NC				205			
NC				206			
NC				207			
NC				208			
NC				209			
NC				210			
NC				211			
NC				212			
228-022-213	GRD			213	GRD 124-000 UNIT	04-164-213	ZG
228-022-214	00SE105C			214	00SE105C 124-000 UNIT	04-164-214	ZG
228-022-215	00SE104T			215	00SE104T 124-000 UNIT	04-164-215	ZG
NC				216			
228-022-217	00SE101C			217	00SE101C 124-000 UNIT	04-164-217	ZG
228-022-218	00SE100T			218	00SE100T 124-000 UNIT	04-164-218	ZG
NC				219			
228-022-220	00SE113C			220	00SE113C 124-000 UNIT	04-164-220	ZG
228-022-221	00SE112T			221	00SE112T 124-000 UNIT	04-164-221	ZG
NC				222			
228-022-223	00SE109C			223	00SE109C 124-000 UNIT	04-164-223	ZG
228-022-224	00SE108T			224	00SE108T 124-000 UNIT	04-164-224	ZG
NC				300			
NC				301			
NC				302			
NC				303			
NC				304			
NC				305			
NC				306			
NC				307			
NC				308			
NC				309			
NC				310			
NC				311			
NC				312			
228-022-313	00SE107T			313	00SE107T 124-000 UNIT	04-164-313	ZG
228-022-314	GRD			314	GRD 124-000 UNIT	04-164-314	ZG
228-022-315	00SE104C			315	00SE104C 124-000 UNIT	04-164-315	ZG
228-022-316	00SE103T			316	00SE103T 124-000 UNIT	04-164-316	ZG
228-022-317	GRD			317	GRD 124-000 UNIT	04-164-317	ZG
228-022-318	00SE100C			318	00SE100C 124-000 UNIT	04-164-318	ZG
228-022-319	00SE115T			319	00SE115T 124-000 UNIT	04-164-319	ZG
228-022-320	GRD			320	GRD 124-000 UNIT	04-164-320	ZG
228-022-321	00SE112C			321	00SE112C 124-000 UNIT	04-164-321	ZG
228-022-322	00SE111T			322	00SE111T 124-000 UNIT	04-164-322	ZG
228-022-323	GRD			323	GRD 124-000 UNIT	04-164-323	ZG
228-022-324	00SE108C			324	00SE108C 124-000 UNIT	04-164-324	ZG
NC				400			
NC				401			
NC				402			
NC				403			
NC				404			
NC				405			
NC				406			
NC				407			
NC				408			
NC				409			
NC				410			
NC				411			
NC				412			
228-022-413	00SE107C			413	00SE107C 124-000 UNIT	04-164-413	ZG
228-022-414	00SE106T			414	00SE106T 124-000 UNIT	04-164-414	ZG

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(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J7				128-164 (CONT'D)	JACK/UNIT	(EBU)	.....		
228-022-415	GRD			415	GRD	124-000 UNIT	04-164-415	ZG	
228-022-416	00SE103C			416	00SE103C	124-000 UNIT	04-164-416	ZG	
228-022-417	00SE102T			417	00SE102T	124-000 UNIT	04-164-417	ZG	
	NC			418					
228-022-419	00SE115C			419	00SE115C	124-000 UNIT	04-164-419	ZG	
228-022-420	00SE114T			420	00SE114T	124-000 UNIT	04-164-420	ZG	
	NC			421					
228-022-422	00SE111C			422	00SE111C	124-000 UNIT	04-164-422	ZG	
228-022-423	00SE110T			423	00SE110T	124-000 UNIT	04-164-423	ZG	
	NC			424					
	NC			500					
	NC			501					
	NC			502					
	NC			503					
	NC			504					
	NC			505					
	NC			506					
	NC			507					
	NC			508					
	NC			509					
	NC			510					
	NC			511					
	NC			512					
228-022-513	GRD			513	GRD	124-000 UNIT	04-164-513	ZG	
228-022-514	00SE106C			514	00SE106C	124-000 UNIT	04-164-514	ZG	
228-022-515	00SE105T			515	00SE105T	124-000 UNIT	04-164-515	ZG	
228-022-516	GRD			516	GRD	124-000 UNIT	04-164-516	ZG	
228-022-517	00SE102C			517	00SE102C	124-000 UNIT	04-164-517	ZG	
228-022-518	00SE101T			518	00SE101T	124-000 UNIT	04-164-518	ZG	
228-022-519	GRD			519	GRD	124-000 UNIT	04-164-519	ZG	
228-022-520	00SE114C			520	00SE114C	124-000 UNIT	04-164-520	ZG	
228-022-521	00SE113T			521	00SE113T	124-000 UNIT	04-164-521	ZG	
228-022-522	GRD			522	GRD	124-000 UNIT	04-164-522	ZG	
228-022-523	00SE110C			523	00SE110C	124-000 UNIT	04-164-523	ZG	
228-022-524	00SE109T			524	00SE109T	124-000 UNIT	04-164-524	ZG	

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(CONT'D)

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(CONT'D)

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(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	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
J3										J3										J4										J4									
128-170										128-170 (CONT'D)										128-170 (CONT'D)										128-170 (CONT'D)									
JACK/UNIT (EBU)										JACK/UNIT (EBU)										JACK/UNIT (EBU)										JACK/UNIT (EBU)									
228-034-000	GRD			200	GRD	124-000 UNIT	04-170-200	ZG		228-037-010	00SE026C			510	00SE026C	124-000 UNIT	04-170-510	ZG		228-014-447	GRD			447	GRD	124-000 UNIT	04-170-447	ZG		228-014-447	GRD			447	GRD	124-000 UNIT	04-170-447	ZG	
228-034-001	00SE021C			201	00SE021C	124-000 UNIT	04-170-201	ZG		228-037-011	00SE025T			511	00SE025T	124-000 UNIT	04-170-511	ZG		228-014-448	00EP011C			448	00EP011C	124-000 UNIT	04-170-448	ZG		228-014-448	00EP011C			448	00EP011C	124-000 UNIT	04-170-448	ZG	
228-034-002	00SE020T			202	00SE020T	124-000 UNIT	04-170-202	ZG						512						228-014-449	00EP010T			449	00EP010T	124-000 UNIT	04-170-449	ZG		228-014-449	00EP010T			449	00EP010T	124-000 UNIT	04-170-449	ZG	
228-034-004	00SE017C			203	00SE017C	124-000 UNIT	04-170-204	ZG		228-014-513	GRD			513	GRD	124-000 UNIT	04-170-513	ZG					450																
228-034-005	00SE016T			204	00SE016T	124-000 UNIT	04-170-205	ZG		228-014-514	00SE006C			514	00SE006C	124-000 UNIT	04-170-514	ZG		228-014-451	00EP007C			451	00EP007C	124-000 UNIT	04-170-451	ZG		228-014-451	00EP007C			451	00EP007C	124-000 UNIT	04-170-451	ZG	
228-034-007	00SE029C			205	00SE029C	124-000 UNIT	04-170-207	ZG		228-014-515	00SE005T			515	00SE005T	124-000 UNIT	04-170-515	ZG		228-014-452	00EP006T			452	00EP006T	124-000 UNIT	04-170-452	ZG		228-014-452	00EP006T			452	00EP006T	124-000 UNIT	04-170-452	ZG	
228-034-008	00SE028T			206	00SE028T	124-000 UNIT	04-170-208	ZG		228-014-516	GRD			516	GRD	124-000 UNIT	04-170-516	ZG					453																
228-034-010	00SE025C			207	00SE025C	124-000 UNIT	04-170-210	ZG		228-014-517	00SE002C			517	00SE002C	124-000 UNIT	04-170-517	ZG		228-014-454	00EP003C			454	00EP003C	124-000 UNIT	04-170-454	ZG		228-014-454	00EP003C			454	00EP003C	124-000 UNIT	04-170-454	ZG	
228-034-011	00SE024T			208	00SE024T	124-000 UNIT	04-170-211	ZG		228-014-518	00SE001T			518	00SE001T	124-000 UNIT	04-170-518	ZG		228-014-455	00EP002T			455	00EP002T	124-000 UNIT	04-170-455	ZG		228-014-455	00EP002T			455	00EP002T	124-000 UNIT	04-170-455	ZG	
228-014-213	GRD			209	GRD	124-000 UNIT	04-170-213	ZG		228-014-519	GRD			519	GRD	124-000 UNIT	04-170-519	ZG					456																
228-014-214	00SE005C			210	00SE005C	124-000 UNIT	04-170-214	ZG		228-014-520	00SE014C			520	00SE014C	124-000 UNIT	04-170-520	ZG		228-014-532	GRD			532	GRD	124-000 UNIT	04-170-532	ZG		228-014-532	GRD			532	GRD	124-000 UNIT	04-170-532	ZG	
228-014-215	00SE004T			211	00SE004T	124-000 UNIT	04-170-215	ZG		228-014-521	00SE013T			521	00SE013T	124-000 UNIT	04-170-521	ZG		228-014-533	00EP030C			533	00EP030C	124-000 UNIT	04-170-533	ZG		228-014-533	00EP030C			533	00EP030C	124-000 UNIT	04-170-533	ZG	
228-014-217	00SE001C			212	00SE001C	124-000 UNIT	04-170-217	ZG		228-014-522	GRD			522	GRD	124-000 UNIT	04-170-522	ZG		228-014-534	00EP029T			534	00EP029T	124-000 UNIT	04-170-534	ZG		228-014-534	00EP029T			534	00EP029T	124-000 UNIT	04-170-534	ZG	
228-014-218	00SE000T			213	00SE000T	124-000 UNIT	04-170-218	ZG		228-014-523	00SE010C			523	00SE010C	124-000 UNIT	04-170-523	ZG		228-014-535	GRD			535	GRD	124-000 UNIT	04-170-535	ZG		228-014-535	GRD			535	GRD	124-000 UNIT	04-170-535	ZG	
228-014-220	00SE013C			214	00SE013C	124-000 UNIT	04-170-220	ZG		228-014-524	00SE009T			524	00SE009T	124-000 UNIT	04-170-524	ZG		228-014-536	00EP026C			536	00EP026C	124-000 UNIT	04-170-536	ZG		228-014-536	00EP026C			536	00EP026C	124-000 UNIT	04-170-536	ZG	
228-014-221	00SE012T			215	00SE012T	124-000 UNIT	04-170-221	ZG												228-014-537	00EP025T			537	00EP025T	124-000 UNIT	04-170-537	ZG		228-014-537	00EP025T			537	00EP025T	124-000 UNIT	04-170-537	ZG	
228-014-223	00SE009C			216	00SE009C	124-000 UNIT	04-170-223	ZG												228-014-538	GRD			538	GRD	124-000 UNIT	04-170-538	ZG		228-014-538	GRD			538	GRD	124-000 UNIT	04-170-538	ZG	
228-014-224	00SE008T			217	00SE008T	124-000 UNIT	04-170-224	ZG												228-014-539	00EP022C			539	00EP022C	124-000 UNIT	04-170-539	ZG		228-014-539	00EP022C			539	00EP022C	124-000 UNIT	04-170-539	ZG	
228-035-000	00SE023T			218	00SE023T	124-000 UNIT	04-170-300	ZG		228-014-232	GRD			232	GRD	124-000 UNIT	04-170-232	ZG		228-014-540	00EP021T			540	00EP021T	124-000 UNIT	04-170-540	ZG		228-014-540	00EP021T			540	00EP021T	124-000 UNIT	04-170-540	ZG	
228-035-001	GRD			219	GRD	124-000 UNIT	04-170-301	ZG		228-014-233	00EP029C			233	00EP029C	124-000 UNIT	04-170-233	ZG		228-014-541	GRD			541	GRD	124-000 UNIT	04-170-541	ZG		228-014-541	GRD			541	GRD	124-000 UNIT	04-170-541	ZG	
228-035-002	00SE020C			220	00SE020C	124-000 UNIT	04-170-302	ZG		228-014-234	00EP028T			234	00EP028T	124-000 UNIT	04-170-234	ZG		228-014-542	00EP018C			542	00EP018C	124-000 UNIT	04-170-542	ZG		228-014-542	00EP018C			542	00EP018C	124-000 UNIT	04-170-542	ZG	
228-035-003	00SE019T			221	00SE019T	124-000 UNIT	04-170-303	ZG						235						228-014-543	00EP017T			543	00EP017T	124-000 UNIT	04-170-543	ZG		228-014-543	00EP017T			543	00EP017T	124-000 UNIT	04-170-543	ZG	
228-035-004	GRD			222	GRD	124-000 UNIT	04-170-304	ZG		228-014-236	00EP025C			236	00EP025C	124-000 UNIT	04-170-236	ZG		228-014-544	GRD			544	GRD	124-000 UNIT	04-170-544	ZG		228-014-544	GRD			544	GRD	124-000 UNIT	04-170-544	ZG	
228-035-005	00SE016C			223	00SE016C	124-000 UNIT	04-170-305	ZG		228-014-237	00EP024T			237	00EP024T	124-000 UNIT	04-170-237	ZG		228-014-545	00EP014C			545	00EP014C	124-000 UNIT	04-170-545	ZG		228-014-545	00EP014C			545	00EP014C	124-000 UNIT	04-170-545	ZG	
228-035-006	00SE031T			224	00SE031T	124-000 UNIT	04-170-306	ZG						238						228-014-546	00EP013T			546	00EP013T	124-000 UNIT	04-170-546	ZG		228-014-546	00EP013T			546	00EP013T	124-000 UNIT	04-170-546	ZG	
228-035-007	GRD			225	GRD	124-000 UNIT	04-170-307	ZG		228-014-239	00EP021C			239	00EP021C	124-000 UNIT	04-170-239	ZG		228-014-547	GRD			547	GRD	124-000 UNIT	04-170-547	ZG		228-014-547	GRD			547	GRD				

AP FIG 19 CAD 072

ECL-BUS UNIT CONTROL AND RETURN, BAY 1 TO BAY 0

AP FIG 19 CAD 072

(CONT'D)

AP FIG 19 CAD 072

(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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE																				
J1										J1										J2										J2										J2										J2									
028-176										028-176 (CONT'D)										028-176										028-176 (CONT'D)										028-176 (CONT'D)										028-176 (CONT'D)									
JACK/UNIT (EBU)										JACK/UNIT (EBU)										JACK/UNIT (EBU)										JACK/UNIT (EBU)										JACK/UNIT (EBU)										JACK/UNIT (EBU)									
128-006-201	NC			200	00EMM1C 024-000	UNIT	04-176-201	ZJ		128-006-510	00STCD2C			510	00STCD2C 024-000	UNIT	04-176-510	ZJ		128-006-447	GRD			447	GRD	024-000	UNIT	04-176-447	ZJ					447	GRD	024-000	UNIT	04-176-447	ZJ																				
128-006-202	00EMM0T			202	00EMM0T 024-000	UNIT	04-176-202	ZJ		128-006-511	00STER3T			511	00STER3T 024-000	UNIT	04-176-511	ZJ		128-006-448	00EKS4C			448	00EKS4C 024-000	UNIT	04-176-448	ZJ					448	00EKS4C 024-000	UNIT	04-176-448	ZJ																						
128-006-203	NC			203						128-006-512	NC			512	NC					128-006-449	00EKS4T			449	00EKS4T 024-000	UNIT	04-176-449	ZJ					449	00EKS4T 024-000	UNIT	04-176-449	ZJ																						
128-006-204	00SPARE0			204	00SPARE0 024-000	UNIT	04-176-204	ZJ		128-006-514	00STCD4C			514	00STCD4C 024-000	UNIT	04-176-514	ZJ		128-006-451	00STER4C			451	00STER4C 024-000	UNIT	04-176-451	ZJ					451	00STER4C 024-000	UNIT	04-176-451	ZJ																						
128-006-205	00SPARE1			205	00SPARE1 024-000	UNIT	04-176-205	ZJ		128-006-515	00SPARE14			515	00SPARE14 024-000	UNIT	04-176-515	ZJ		128-006-452	00STCD4T			452	00STCD4T 024-000	UNIT	04-176-452	ZJ					452	00STCD4T 024-000	UNIT	04-176-452	ZJ																						
128-006-207	00STER1C			207	00STER1C 024-000	UNIT	04-176-207	ZJ		128-006-516	NC			516	NC					128-006-454	00EKS50C			454	00EKS50C 024-000	UNIT	04-176-454	ZJ					454	00EKS50C 024-000	UNIT	04-176-454	ZJ																						
128-006-208	00STCD1T			208	00STCD1T 024-000	UNIT	04-176-208	ZJ		128-006-517	00EKS50C			517	00EKS50C 024-000	UNIT	04-176-517	ZJ		128-006-455	00EKS50T			455	00EKS50T 024-000	UNIT	04-176-455	ZJ					455	00EKS50T 024-000	UNIT	04-176-455	ZJ																						
128-006-210	00STER3C			209	00STER3C 024-000	UNIT	04-176-210	ZJ		128-006-518	00EKS51T			518	00EKS51T 024-000	UNIT	04-176-518	ZJ		128-006-456	NC			456	NC									456	NC					456	NC																		
128-006-211	00STCD3T			211	00STCD3T 024-000	UNIT	04-176-211	ZJ		128-006-520	00EM652C			520	00EM652C 024-000	UNIT	04-176-520	ZJ		128-006-532	GRD			532	GRD	024-000	UNIT	04-176-532	ZJ					532	GRD	024-000	UNIT	04-176-532	ZJ																				
128-006-212	NC			212						128-006-521	00ELSY3T			521	00ELSY3T 024-000	UNIT	04-176-521	ZJ		128-006-533	00STCD0C			533	00STCD0C 024-000	UNIT	04-176-533	ZJ					533	00STCD0C 024-000	UNIT	04-176-533	ZJ																						
128-006-214	00SPARE2			214	00SPARE2 024-000	UNIT	04-176-214	ZJ		128-006-522	NC			522	NC					128-006-534	00STER1T			534	00STER1T 024-000	UNIT	04-176-534	ZJ					534	00STER1T 024-000	UNIT	04-176-534	ZJ																						
128-006-215	00SPARE3			215	00SPARE3 024-000	UNIT	04-176-215	ZJ		128-006-523	00EL654C			523	00EL654C 024-000	UNIT	04-176-523	ZJ		128-006-535	GRD			535	GRD	024-000	UNIT	04-176-535	ZJ					535	GRD	024-000	UNIT	04-176-535	ZJ																				
128-006-217	00EMSY1C			217	00EMSY1C 024-000	UNIT	04-176-217	ZJ		128-006-524	00SPARE15			524	00SPARE15 024-000	UNIT	04-176-524	ZJ		128-006-536	00STCD2C			536	00STCD2C 024-000	UNIT	04-176-536	ZJ					536	00STCD2C 024-000	UNIT	04-176-536	ZJ																						
128-006-218	00EM651T			218	00EM651T 024-000	UNIT	04-176-218	ZJ		128-006-525	00EL654C			525	00EL654C 024-000	UNIT	04-176-525	ZJ		128-006-537	00STER3T			537	00STER3T 024-000	UNIT	04-176-537	ZJ					537	00STER3T 024-000	UNIT	04-176-537	ZJ																						
128-006-220	00ELSY3C			220	00ELSY3C 024-000	UNIT	04-176-220	ZJ		128-006-526	00EM652C			526	00EM652C 024-000	UNIT	04-176-526	ZJ		128-006-538	GRD			538	GRD	024-000	UNIT	04-176-538	ZJ					538	GRD	024-000	UNIT	04-176-538	ZJ																				
128-006-221	00EL653T			221	00EL653T 024-000	UNIT	04-176-221	ZJ		128-006-527	00EL654C			527	00EL654C 024-000	UNIT	04-176-527	ZJ		128-006-539	00EXM2C			539	00EXM2C 024-000	UNIT	04-176-539	ZJ					539	00EXM2C 024-000	UNIT	04-176-539	ZJ																						
128-006-222	NC			222						128-006-528	00EL654C			528	00EL654C 024-000	UNIT	04-176-528	ZJ		128-006-540	00EXM1T			540	00EXM1T 024-000	UNIT	04-176-540	ZJ					540	00EXM1T 024-000	UNIT	04-176-540	ZJ																						
128-006-223	00SPARE4			223	00SPARE4 024-000	UNIT	04-176-223	ZJ		128-006-529	00EXM1C			529	00EXM1C 024-000	UNIT	04-176-529	ZJ		128-006-541	GRD			541	GRD	024-000	UNIT	04-176-541	ZJ					541	GRD	024-000	UNIT	04-176-541	ZJ																				
128-006-224	00SPARE5			224	00SPARE5 024-000	UNIT	04-176-224	ZJ		128-006-530	00EXM0T			530	00EXM0T 024-000	UNIT	04-176-530	ZJ		128-006-542	00ECDATC			542	00ECDATC 024-000	UNIT	04-176-542	ZJ					542	00ECDATC 024-000	UNIT	04-176-542	ZJ																						
128-006-300	00EMM3T			300	00EMM3T 024-000	UNIT	04-176-300	ZJ		128-006-531	00STCD3T			531	00STCD3T 024-000	UNIT	04-176-531	ZJ		128-006-543	00IC01			543	00IC01 024-000	UNIT	04-176-543	ZJ					543	00IC01 024-000	UNIT	04-176-543	ZJ																						
128-006-302	00EMM0C			302	00EMM0C 024-000	UNIT	04-176-302	ZJ		128-006-532	00STCD3T			532	00STCD3T 024-000	UNIT	04-176-532	ZJ		128-006-544	NC			544	NC									544	NC																								
128-006-303	00EMM0C			303	00EMM0C 024-000	UNIT	04-176-303	ZJ		128-006-533	00EXM1C			533	00EXM1C 024-000	UNIT	04-176-533	ZJ		128-006-545	GRD			545	GRD	024-000	UNIT	04-176-545	ZJ					545	GRD	024-000	UNIT	04-176-545	ZJ																				
128-006-304	00EMM0C			304	00EMM0C 024-000	UNIT	04-176-304	ZJ		128-006-534	00EXM1C			534	00EXM1C 024-000	UNIT	04-176-534	ZJ		128-006-546	00EKS52C			546	00EKS52C 024-000	UNIT	04-176-546	ZJ					546	00EKS52C 024-000	UNIT	04-176-546	ZJ																						
128-006-305	00SPARE6			305	00SPARE6 024-000	UNIT	04-176-305	ZJ		128-006-535	00EXM0T			535	00EXM0T 024-000	UNIT	04-176-535	ZJ		128-006-547	00EKS53T			547	00EKS53T 024-000	UNIT	04-176-547	ZJ					547	00EKS53T 024-000	UNIT	04-176-547	ZJ																						
128-006-306	00STER0T			306	00STER0T 024-000	UNIT	04-176-306	ZJ		128-006-536	00EXM1C			536	00EXM1C 024-000	UNIT	04-176-536	ZJ		128-006-548	GRD			548	GRD	024-000	UNIT	04-176-548	ZJ					548	GRD	024-000	UNIT	04-176-548	ZJ																				
128-006-307	NC			307						128-006-537	00EXM0T			537	00EXM0T 024-000	UNIT	04-176-537	ZJ		128-006-549	00EKS54C			549	00EKS54C 024-000	UNIT	04-176-549	ZJ					549	00EKS54C 024-000	UNIT	04-176-549	ZJ																						
128-006-308	00STCD1C			308	00STCD1C 024-000	UNIT	04-176-308	ZJ		128-006-538	00IC00			538	00IC00 024-000	UNIT	04-176-538	ZJ		128-006-550	00IDG1			550	00IDG1 024-000	UNIT	04-176-550	ZJ																															

(CONT'D)

—TO CONNECTION—

FROM CONNECTION

DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OK
.....J8				028-158	JACK/UNIT	(EBU).....		
	NC			200				
	NC			201				
	NC			202				
	NC			203				
	NC			204				
	NC			205				
	NC			206				
	NC			207				
	NC			208				
	NC			209				
	NC			210				
	NC			211				
	NC			212				
128-014-213	GRD			213	GRD 024-000	UNIT	04-158-213	ZJ
128-014-214	00SE205C			214	00SE205C 024-000	UNIT	04-158-214	ZJ
128-014-215	00SE204T			215	00SE204T 024-000	UNIT	04-158-215	ZJ
	NC			216				
128-014-217	00SE201C			217	00SE201C 024-000	UNIT	04-158-217	ZJ
128-014-218	00SE200T			218	00SE200T 024-000	UNIT	04-158-218	ZJ
	NC			219				
128-014-220	00SE213C			220	00SE213C 024-000	UNIT	04-158-220	ZJ
128-014-221	00SE212T			221	00SE212T 024-000	UNIT	04-158-221	ZJ
	NC			222				
128-014-223	00SE209C			223	00SE209C 024-000	UNIT	04-158-223	ZJ
128-014-224	00SE208T			224	00SE208T 024-000	UNIT	04-158-224	ZJ
	NC			300				
	NC			301				
	NC			302				
	NC			303				
	NC			304				
	NC			305				
	NC			306				
	NC			307				
	NC			308				
	NC			309				
	NC			310				
	NC			311				
	NC			312				
128-014-313	00SE207T			313	00SE207T 024-000	UNIT	04-158-313	ZJ
128-014-314	GRD			314	GRD 024-000	UNIT	04-158-314	ZJ
128-014-315	00SE204C			315	00SE204C 024-000	UNIT	04-158-315	ZJ
128-014-316	00SE203T			316	00SE203T 024-000	UNIT	04-158-316	ZJ
128-014-317	GRD			317	GRD 024-000	UNIT	04-158-317	ZJ
128-014-318	00SE200C			318	00SE200C 024-000	UNIT	04-158-318	ZJ
128-014-319	00SE215T			319	00SE215T 024-000	UNIT	04-158-319	ZJ
128-014-320	GRD			320	GRD 024-000	UNIT	04-158-320	ZJ
128-014-321	00SE212C			321	00SE212C 024-000	UNIT	04-158-321	ZJ
128-014-322	00SE211T			322	00SE211T 024-000	UNIT	04-158-322	ZJ
128-014-323	GRD			323	GRD 024-000	UNIT	04-158-323	ZJ
128-014-324	00SE208C			324	00SE208C 024-000	UNIT	04-158-324	ZJ
	NC			400				
	NC			401				
	NC			402				
	NC			403				
	NC			404				
	NC			405				
	NC			406				
	NC			407				
	NC			408				
	NC			409				
	NC			410				
	NC			411				

(CONT'D)

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DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOT
-----J8									
				028-158 (CONT'D)	JACK/UNIT	(E8U)			
	NC			510					
	NC			511					
	NC			512					
128-014-513	GRD			513	GRD	024-000 UNIT	04-158-513	ZJ	
128-014-514	00SE206C			514	00SE206C	024-000 UNIT	04-158-514	ZJ	
128-014-515	00SE205T			515	00SE205T	024-000 UNIT	04-158-515	ZJ	
128-014-516	GRD			516	GRD	024-000 UNIT	04-158-516	ZJ	
128-014-517	00SE202C			517	00SE202C	024-000 UNIT	04-158-517	ZJ	
128-014-518	00SE201T			518	00SE201T	024-000 UNIT	04-158-518	ZJ	
128-014-519	GRD			519	GRD	024-000 UNIT	04-158-519	ZJ	
128-014-520	00SE214C			520	00SE214C	024-000 UNIT	04-158-520	ZJ	
128-014-521	00SE213T			521	00SE213T	024-000 UNIT	04-158-521	ZJ	
128-014-522	GRD			522	GRD	024-000 UNIT	04-158-522	ZJ	
128-014-523	00SE210C			523	00SE210C	024-000 UNIT	04-158-523	ZJ	
128-014-524	00SE209T			524	00SE209T	024-000 UNIT	04-158-524	ZJ	
-----J7									
				028-164	JACK/UNIT	(E8U)			
128-034-000	GRD			200	GRD	024-000 UNIT	04-164-200	ZJ	
128-034-001	00SE121C			201	00SE121C	024-000 UNIT	04-164-201	ZJ	
128-034-002	00SE120T			202	00SE120T	024-000 UNIT	04-164-202	ZJ	
	NC			203					
128-034-004	00SE117C			204	00SE117C	024-000 UNIT	04-164-204	ZJ	
128-034-005	00SE116T			205	00SE116T	024-000 UNIT	04-164-205	ZJ	
	NC			206					
128-034-007	00SE129C			207	00SE129C	024-000 UNIT	04-164-207	ZJ	
128-034-008	00SE128T			208	00SE128T	024-000 UNIT	04-164-208	ZJ	
	NC			209					
128-034-010	00SE125C			210	00SE125C	024-000 UNIT	04-164-210	ZJ	
128-034-011	00SE124T			211	00SE124T	024-000 UNIT	04-164-211	ZJ	
	NC			212					
128-022-213	GRD			213	GRD	024-000 UNIT	04-164-213	ZJ	
128-022-214	00SE105C			214	00SE105C	024-000 UNIT	04-164-214	ZJ	
128-022-215	00SE104T			215	00SE104T	024-000 UNIT	04-164-215	ZJ	
	NC			216					
128-022-217	00SE101C			217	00SE101C	024-000 UNIT	04-164-217	ZJ	
128-022-218	00SE100T			218	00SE100T	024-000 UNIT	04-164-218	ZJ	
	NC			219					
128-022-220	00SE113C			220	00SE113C	024-000 UNIT	04-164-220	ZJ	
128-022-221	00SE112T			221	00SE112T	024-000 UNIT	04-164-221	ZJ	
	NC			222					
128-022-223	00SE109C			223	00SE109C	024-000 UNIT	04-164-223	ZJ	
128-022-224	00SE108T			224	00SE108T	024-000 UNIT	04-164-224	ZJ	
128-035-000	00SE123T			300	00SE123T	024-000 UNIT	04-164-300	ZJ	
128-035-001	GRD			301	GRD	024-000 UNIT	04-164-301	ZJ	
128-035-002	00SE120C			302	00SE120C	024-000 UNIT	04-164-302	ZJ	
128-035-003	00SE119T			303	00SE119T	024-000 UNIT	04-164-303		

(CONT'D)

UNIT D)

DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J7					028-164 (CONT'D)	JACK/UNIT	(EBU).....		
128-022-415	GRD			415	GRD	024-000 UNIT	04-164-415	ZJ	
128-022-416	00SE103C			416	00SE103C	024-000 UNIT	04-164-416	ZJ	
128-022-417	00SE102T			417	00SE102T	024-000 UNIT	04-164-417	ZJ	
	NC			418					
128-022-419	00SE115C			419	00SE115C	024-000 UNIT	04-164-419	ZJ	
128-022-420	00SE114T			420	00SE114T	024-000 UNIT	04-164-420	ZJ	
	NC			421					
128-022-422	00SE111C			422	00SE111C	024-000 UNIT	04-164-422	ZJ	
128-022-423	00SE110T			423	00SE110T	024-000 UNIT	04-164-423	ZJ	
	NC			424					
128-037-000	GRD			500	GRD	024-000 UNIT	04-164-500	ZJ	
128-037-001	00SE122C			501	00SE122C	024-000 UNIT	04-164-501	ZJ	
128-037-002	00SE121T			502	00SE121T	024-000 UNIT	04-164-502	ZJ	
128-037-003	GRD			503	GRD	024-000 UNIT	04-164-503	ZJ	
128-037-004	00SE118C			504	00SE118C	024-000 UNIT	04-164-504	ZJ	
128-037-005	00SE117T			505	00SE117T	024-000 UNIT	04-164-505	ZJ	
128-037-006	GRD			506	GRD	024-000 UNIT	04-164-506	ZJ	
128-037-007	00SE130C			507	00SE130C	024-000 UNIT	04-164-507	ZJ	
128-037-008	00SE129T			508	00SE129T	024-000 UNIT	04-164-508	ZJ	
128-037-009	GRD			509	GRD	024-000 UNIT	04-164-509	ZJ	
128-037-010	00SE126C			510	00SE126C	024-000 UNIT	04-164-510	ZJ	
128-037-011	00SE125T			511	00SE125T	024-000 UNIT	04-164-511	ZJ	
	NC			512					
128-022-513	GRD			513	GRD	024-000 UNIT	04-164-513	ZJ	
128-022-514	00SE106C			514	00SE106C	024-000 UNIT	04-164-514	ZJ	
128-022-515	00SE105T			515	00SE105T	024-000 UNIT	04-164-515	ZJ	
128-022-516	GRD			516	GRD	024-000 UNIT	04-164-516	ZJ	
128-022-517	00SE102C			517	00SE102C	024-000 UNIT	04-164-517	ZJ	
128-022-518	00SE101T			518	00SE101T	024-000 UNIT	04-164-518	ZJ	
128-022-519	GRD			519	GRD	024-000 UNIT	04-164-519	ZJ	
128-022-520	00SE114C			520	00SE114C	024-000 UNIT	04-164-520	ZJ	
128-022-521	00SE113T			521	00SE113T	024-000 UNIT	04-164-521	ZJ	
128-022-522	GRD			522	GRD	024-000 UNIT	04-164-522	ZJ	
128-022-523	00SE110C			523	00SE110C	024-000 UNIT	04-164-523	ZJ	
128-022-524	00SE109T			524	00SE109T	024-000 UNIT	04-164-524	ZJ	

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(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J3				028-170	JACK/UNIT	(EBU).....			
128-014-200	GRD			200	GRD	024-000 UNIT	04-170-200	ZJ	
128-014-201	00SE021C			201	00SE021C 024-000	UNIT	04-170-201	ZJ	
128-014-202	00SE020T			202	00SE020T 024-000	UNIT	04-170-202	ZJ	
	NC			203					
128-014-204	00SE017C			204	00SE017C 024-000	UNIT	04-170-204	ZJ	
128-014-205	00SE016T			205	00SE016T 024-000	UNIT	04-170-205	ZJ	
	NC			206					
128-014-207	00SE029C			207	00SE029C 024-000	UNIT	04-170-207	ZJ	
128-014-208	00SE028T			208	00SE028T 024-000	UNIT	04-170-208	ZJ	
	NC			209					
128-014-210	00SE025C			210	00SE025C 024-000	UNIT	04-170-210	ZJ	
128-014-211	00SE024T			211	00SE024T 024-000	UNIT	04-170-211	ZJ	
	NC			212					
128-014-213	GRD			213	GRD	024-000 UNIT	04-170-213	ZJ	
128-014-214	00SE005C			214	00SE005C 024-000	UNIT	04-170-214	ZJ	
128-014-215	00SE004T			215	00SE004T 024-000	UNIT	04-170-215	ZJ	
	NC			216					
128-014-217	00SE001C			217	00SE001C 024-000	UNIT	04-170-217	ZJ	
128-014-218	00SE000T			218	00SE000T 024-000	UNIT	04-170-218	ZJ	
	NC			219					
128-014-220	00SE013C			220	00SE013C 024-000	UNIT	04-170-220	ZJ	
128-014-221	00SE012T			221	00SE012T 024-000	UNIT	04-170-221	ZJ	
	NC			222					
128-014-223	00SE009C			223	00SE009C 024-000	UNIT	04-170-223	ZJ	
128-014-224	00SE008T			224	00SE008T 024-000	UNIT	04-170-224	ZJ	
128-014-300	00SE023T			300	00SE023T 024-000	UNIT	04-170-300	ZJ	
128-014-301	GRD			301	GRD	024-000 UNIT	04-170-301	ZJ	
128-014-302	00SE020C			302	00SE020C 024-000	UNIT	04-170-302	ZJ	
128-014-303	00SE019T			303	00SE019T 024-000	UNIT	04-170-303	ZJ	
128-014-304	GRD			304	GRD	024-000 UNIT	04-170-304	ZJ	
128-014-305	00SE016C			305	00SE016C 024-000	UNIT	04-170-305	ZJ	
128-014-306	00SE031T			306	00SE031T 024-000	UNIT	04-170-306	ZJ	
128-014-307	GRD			307	GRD	024-000 UNIT	04-170-307	ZJ	
128-014-308	00SE028C			308	00SE028C 024-000	UNIT	04-170-308	ZJ	
128-014-309	00SE027T			309	00SE027T 024-000	UNIT	04-170-309	ZJ	
128-014-310	GRD			310	GRD	024-000 UNIT	04-170-310	ZJ	
128-014-311	00SE024C			311	00SE024C 024-000	UNIT	04-170-311	ZJ	
	NC			312					
128-014-313	00SE007T			313	00SE007T 024-000	UNIT	04-170-313	ZJ	
128-014-314	GRD			314	GRD	024-000 UNIT	04-170-314	ZJ	
128-014-315	00SE034C			315	00SE034C 024-000	UNIT	04-170-315	ZJ	
128-014-316	00SE033T			316	00SE033T 024-000	UNIT	04-170-316	ZJ	
128-014-317	GRD			317	GRD	024-000 UNIT	04-170-317	ZJ	
128-014-318	00SE000C			318	00SE000C 024-000	UNIT	04-170-318	ZJ	
128-014-319	00SE015T			319	00SE015T 024-000	UNIT	04-170-319	ZJ	
128-014-320	GRD			320	GRD	024-000 UNIT	04-170-320	ZJ	
128-014-321	00SE012C			321	00SE012C 024-000	UNIT	04-170-321	ZJ	
128-014-322	00SE011T			322	00SE011T 024-000	UNIT	04-170-322	ZJ	
128-014-323	GRD			323	GRD	024-000 UNIT	04-170-323	ZJ	
128-014-324	00SE008C			324	00SE008C 024-000	UNIT	04-170-324	ZJ	
128-014-400	00SE023C			400	00SE023C 024-000	UNIT	04-170-400	ZJ	
128-014-401	00SE022T			401	00SE022T 024-000	UNIT	04-170-401	ZJ	
128-014-402	GRD			402	GRD	024-000 UNIT	04-170-402	ZJ	
128-014-403	00SE019C			403	00SE019C 024-000	UNIT	04-170-403	ZJ	
128-014-404	00SE018T			404	00SE018T 024-000	UNIT	04-170-404	ZJ	
	NC			405					
128-014-406	00SE031C			406	00SE031C 024-000	UNIT	04-170-406	ZJ	
128-014-407	00SE030T			407	00SE030T 024-000	UNIT	04-170-407	ZJ	
	NC			408					
128-014-409	00SE027C			409	00SE027C 024-000	UNIT	04-170-409	ZJ	
128-014-410	00SE026T			410	00SE026T 024-000	UNIT	04-170-410	ZJ	
	NC			411					
	NC			412					
128-014-413	00SE007C			413	00SE007C 024-000	UNIT	04-170-413	ZJ	
128-014-414	00SE006T			414	00SE006T 024-000	UNIT	04-170-414	ZJ	
128-014-415	GRD			415	GRD	024-000 UNIT	04-170-415	ZJ	
128-014-416	00SE003C			416	00SE003C 024-000	UNIT	04-170-416	ZJ	
128-014-417	00SE002T			417	00SE002T 024-000	UNIT	04-170-417	ZJ	
	NC			418					
128-014-419	00SE015C			419	00SE015C 024-000	UNIT	04-170-419	ZJ	
128-014-420	00SE014T			420	00SE014T 024-000	UNIT	04-170-420	ZJ	
	NC			421					
128-014-422	00SE011C			422	00SE011C 024-000	UNIT	04-170-422	ZJ	
128-014-423	00SE010T			423	00SE010T 024-000	UNIT	04-170-423	ZJ	
	NC			424					
128-014-500	GRD			500	GRD	024-000 UNIT	04-170-500	ZJ	
128-014-501	00SE022C			501	00SE022C 024-000	UNIT	04-170-501	ZJ	
128-014-502	00SE021T			502	00SE021T 024-000	UNIT	04-170-502	ZJ	
128-014-503	GRD			503	GRD	024-000 UNIT	04-170-503	ZJ	
128-014-504	00SE018C			504	00SE018C 024-000	UNIT	04-170-504	ZJ	
128-014-505	00SE017T			505	00SE017T 024-000	UNIT	04-170-505	ZJ	
128-014-506	GRD			506	GRD	024-000 UNIT	04-170-506	ZJ	
128-014-507	00SE030C			507	00SE030C 024-000	UNIT	04-170-507	ZJ	
128-014-508	00SE029T			508	00SE029T 024-000	UNIT	04-170-508	ZJ	
128-014-509	GRD			509	GRD	024-000 UNIT	04-170-509	ZJ	

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(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J3				028-170 (CONT'D)	JACK/UNIT	(EBU).....			
128-014-510	00SE026C			510	00SE026C	024-000 UNIT	04-170-510	ZJ	
128-014-511	00SE025T			511	00SE025T	024-000 UNIT	04-170-511	ZJ	
	NC			512					
128-014-513	GRD			513	GRD	024-000 UNIT	04-170-513	ZJ	
128-014-514	00SE006C			514	00SE006C	024-000 UNIT	04-170-514	ZJ	
128-014-515	00SE005T			515	00SE005T	024-000 UNIT	04-170-515	ZJ	
128-014-516	GRD			516	GRD	024-000 UNIT	04-170-516	ZJ	
128-014-517	00SE002C			517	00SE002C	024-000 UNIT	04-170-517	ZJ	
128-014-518	00SE001T			518	00SE001T	024-000 UNIT	04-170-518	ZJ	
128-014-519	GRD			519	GRD	024-000 UNIT	04-170-519	ZJ	
128-014-520	00SE014C			520	00SE014C	024-000 UNIT	04-170-520	ZJ	
128-014-521	00SE013T			521	00SE013T	024-000 UNIT	04-170-521	ZJ	
128-014-522	GRD			522	GRD	024-000 UNIT	04-170-522	ZJ	
128-014-523	00SE010C			523	00SE010C	024-000 UNIT	04-170-523	ZJ	
128-014-524	00SE009T			524	00SE009T	024-000 UNIT	04-170-524	ZJ	
.....J4				028-170	JACK/UNIT	(EBU).....			
128-014-232	GRD			232	GRD	024-000 UNIT	04-170-232	ZJ	
128-014-233	00EP029C			233	00EP029C	024-000 UNIT	04-170-233	ZJ	
128-014-234	00EP028T			234	00EP028T	024-000 UNIT	04-170-234	ZJ	
	NC			235					
128-014-236	00EP025C			236	00EP025C	024-000 UNIT	04-170-236	ZJ	
128-014-237	00EP024T			237	00EP024T	024-000 UNIT	04-170-237	ZJ	
	NC			238					
128-014-239	00EP021C			239	00EP021C	024-000 UNIT	04-170-239	ZJ	
128-014-240	00EP020T			240	00EP020T	024-000 UNIT	04-170-240	ZJ	
	NC			241					
128-014-242	00EP017C			242	00EP017C	024-000 UNIT	04-170-242	ZJ	
128-014-243	00EP016T			243	00EP016T	024-000 UNIT	04-170-243	ZJ	
	NC			244					
128-014-245	GRD			245	GRD	024-000 UNIT	04-170-245	ZJ	
128-014-246	00EP013C			246	00EP013C	024-000 UNIT	04-170-246	ZJ	
128-014-247	00EP012T			247	00EP012T	024-000 UNIT	04-170-247	ZJ	
	NC			248					
128-014-249	00EP009C			249	00EP009C	024-000 UNIT	04-170-249	ZJ	
128-014-250	00EP008T			250	00EP008T	024-000 UNIT	04-170-250	ZJ	
	NC			251					
128-014-252	00EP005C			252	00EP005C	024-000 UNIT	04-170-252	ZJ	
128-014-253	00EP004T			253	00EP004T	024-000 UNIT	04-170-253	ZJ	
	NC			254					
128-014-255	00EP001C			255	00EP001C	024-000 UNIT	04-170-255	ZJ	
128-014-256	00EP000T			256	00EP000T	024-000 UNIT	04-170-256	ZJ	
128-014-332	00EP031T			332	00EP031T	024-000 UNIT	04-170-332	ZJ	
128-014-333	GRD			333	GRD	024-000 UNIT	04-170-333	ZJ	
128-014-334	00EP028C			334	00EP028C	024-000 UNIT	04-170-334	ZJ	
128-014-335	00EP027T			335	00EP027T	024-000 UNIT	04-170-335	ZJ	
128-014-336	GRD			336	GRD	024-000 UNIT	04-170-336	ZJ	
128-014-337	00EP024C			337	00EP024C	024-000 UNIT	04-170-337	ZJ	
128-014-338	00EP023T			338	00EP023T	024-000 UNIT	04-170-338	ZJ	
128-014-339	GRD			339	GRD	024-000 UNIT	04-170-339	ZJ	
128-014-340	00EP020C			340	00EP020C	024-000 UNIT	04-170-340	ZJ	
128-014-341	00EP019T			341	00EP019T	024-000 UNIT	04-170-341	ZJ	
128-014-342	GRD			342	GRD	024-000 UNIT	04-170-342	ZJ	
128-014-343	00EP016C			343	00EP016C	024-000 UNIT	04-170-343	ZJ	
	NC			344					
128-014-345	00EP015T			345	00EP015T	024-000 UNIT	04-170-345	ZJ	
128-014-346	GRD			346	GRD	024-000 UNIT	04-170-346	ZJ	
128-014-347	00EP012C			347	00EP012C	024-000 UNIT	04-170-347	ZJ	
128-014-348	00EP011T			348	00EP011T	024-000 UNIT	04-170-348	ZJ	
128-014-349	GRD			349	GRD	024-000 UNIT	04-170-349	ZJ	
128-014-350	00EP008C			350	00EP008C	024-000 UNIT	04-170-350	ZJ	
128-014-351	00EP007T			351	00EP007T	024-000 UNIT	04-170-351	ZJ	
128-014-352	GRD			352	GRD	024-000 UNIT	04-170-352	ZJ	
128-014-353	00EP004C			353	00EP004C	024-000 UNIT	04-170-353	ZJ	
128-014-354	00EP003T			354	00EP003T	024-000 UNIT	04-170-354	ZJ	
128-014-355	GRD			355	GRD	024-000 UNIT	04-170-355	ZJ	
128-014-356	00EP000C			356	00EP000C	024-000 UNIT	04-170-356	ZJ	
128-014-432	00EP031C			432	00EP031C	024-000 UNIT	04-170-432	ZJ	
128-014-433	00EP030T			433	00EP030T	024-000 UNIT	04-170-433	ZJ	
128-014-434	GRD			434	GRD	024-000 UNIT	04-170-434	ZJ	
128-014-435	00EP027C			435	00EP027C	024-000 UNIT	04-170-435	ZJ	
128-014-436	00EP026T			436	00EP026T	024-000 UNIT	04-170-436	ZJ	
	NC			437					
128-014-438	00EP023C			438	00EP023C	024-000 UNIT	04-170-438	ZJ	
128-014-439	00EP022T			439	00EP022T	024-000 UNIT	04-170-439	ZJ	
	NC			440					
128-014-441	00EP019C			441	00EP019C	024-000 UNIT	04-170-441	ZJ	
128-014-442	00EP018T			442	00EP018T	024-000 UNIT	04-170-442	ZJ	
	NC			443					
	NC			444					
128-014-445	00EP015C			445	00EP015C	024-000 UNIT	04-170-445	ZJ	
128-014-446	00EP014T			446	00EP014T	024-000 UNIT	04-170-446	ZJ	

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(CONT'D)

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(CONT'D)

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(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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
J5										J5										J6										J6									
028-164 JACK/UNIT (EBC)										028-164 (CONT'D) JACK/UNIT (EBC)										028-158 (CONT'D) JACK/UNIT (EBC)										028-158 (CONT'D) JACK/UNIT (EBC)									
128-022-232	GRD			232	GRD	024-000	UNIT			128-022-542	00EP118C			542	00EP118C	024-000	UNIT			128-028-447	GRD			447	GRD	024-000	UNIT												
128-022-233	00EP129C			233	00EP129C	024-000	UNIT			128-022-543	00EP117T			543	00EP117T	024-000	UNIT			128-028-448	00EP211C			448	00EP211C	024-000	UNIT												
128-022-234	00EP128T			234	00EP128T	024-000	UNIT				NC			544	NC					128-028-449	00EP210T			449	00EP210T	024-000	UNIT												
	NC			235						128-022-545	GRD			545	GRD	024-000	UNIT				NC			450	NC														
128-022-236	00EP125C			236	00EP125C	024-000	UNIT			128-022-546	00EP114C			546	00EP114C	024-000	UNIT			128-028-451	00EP207C			451	00EP207C	024-000	UNIT												
128-022-237	00EP124T			237	00EP124T	024-000	UNIT			128-022-547	00EP113T			547	00EP113T	024-000	UNIT			128-028-452	00EP206T			452	00EP206T	024-000	UNIT												
	NC			238						128-022-548	GRD			548	GRD	024-000	UNIT				NC			453	NC														
128-022-239	00EP121C			239	00EP121C	024-000	UNIT			128-022-549	00EP110C			549	00EP110C	024-000	UNIT			128-028-454	00EP203C			454	00EP203C	024-000	UNIT												
128-022-240	00EP120T			240	00EP120T	024-000	UNIT			128-022-550	00EP109T			550	00EP109T	024-000	UNIT			128-028-455	00EP202T			455	00EP202T	024-000	UNIT												
	NC			241						128-022-551	GRD			551	GRD	024-000	UNIT				NC			456	NC														
128-022-242	00EP117C			242	00EP117C	024-000	UNIT			128-022-552	00EP106C			552	00EP106C	024-000	UNIT			128-028-532	GRD			532	GRD	024-000	UNIT												
128-022-243	00EP116T			243	00EP116T	024-000	UNIT			128-022-553	00EP105T			553	00EP105T	024-000	UNIT			128-028-533	00EP230C			533	00EP230C	024-000	UNIT												
	NC			244						128-022-554	GRD			554	GRD	024-000	UNIT			128-028-534	00EP229T			534	00EP229T	024-000	UNIT												
128-022-245	GRD			245	GRD	024-000	UNIT			128-022-555	00EP102C			555	00EP102C	024-000	UNIT			128-028-535	GRD			535	GRD	024-000	UNIT												
128-022-246	00EP113C			246	00EP113C	024-000	UNIT			128-022-556	00EP101T			556	00EP101T	024-000	UNIT			128-028-536	00EP226C			536	00EP226C	024-000	UNIT												
128-022-247	00EP112T			247	00EP112T	024-000	UNIT													128-028-537	00EP225T			537	00EP225T	024-000	UNIT												
	NC			248																128-028-538	GRD			538	GRD	024-000	UNIT												
128-022-249	00EP109C			249	00EP109C	024-000	UNIT													128-028-539	00EP222C			539	00EP222C	024-000	UNIT												
128-022-250	00EP108T			250	00EP108T	024-000	UNIT													128-028-540	00EP221T			540	00EP221T	024-000	UNIT												
	NC			251						128-028-232	GRD			232	GRD	024-000	UNIT			128-028-541	GRD			541	GRD	024-000	UNIT												
128-022-252	00EP105C			252	00EP105C	024-000	UNIT			128-028-233	00EP229C			233	00EP229C	024-000	UNIT			128-028-542	00EP218C			542	00EP218C	024-000	UNIT												
128-022-253	00EP104T			253	00EP104T	024-000	UNIT			128-028-234	00EP228T			234	00EP228T	024-000	UNIT			128-028-543	00EP217T			543	00EP217T	024-000	UNIT												
	NC			254							NC			235	NC						NC			544	NC														
128-022-255	00EP101C			255	00EP101C	024-000	UNIT			128-028-236	00EP225C			236	00EP225C	024-000	UNIT			128-028-545	GRD			545	GRD	024-000	UNIT												
128-022-256	00EP100T			256	00EP100T	024-000	UNIT			128-028-237	00EP224T			237	00EP224T	024-000	UNIT			128-028-546	00EP214C			546	00EP214C	024-000	UNIT												
128-022-332	00EP131T			332	00EP131T	024-000	UNIT				NC			238	NC					128-028-547	00EP213T			547	00EP213T	024-000	UNIT												
128-022-333	GRD			333	GRD	024-000	UNIT			128-028-239	00EP221C			239	00EP221C	024-000	UNIT			128-028-548	GRD			548	GRD	024-000	UNIT												
128-022-334	00EP128C			334	00EP128C	024-000	UNIT			128-028-240	00EP220T			240	00EP220T	024-000	UNIT			128-028-549	00EP210C			549	00EP210C	024-000	UNIT												
128-022-335	00EP127T			335	00EP127T	024-000	UNIT				NC			241	NC						00EP209T			550	00EP209T	024-000	UNIT												
128-022-336	GRD			336	GRD	024-000	UNIT			128-028-242	00EP217C			242	00EP217C	024-000	UNIT			128-028-551	GRD			551	GRD	024-000	UNIT												
128-022-337	00EP124C			337	00EP124C	024-000	UNIT			128-028-243	00EP216T			243	00EP216T	024-000	UNIT			128-028-552	00EP206C			552	00EP206C	024-000	UNIT												
128-022-338	00EP123T			338	00EP123T	024-000	UNIT				NC			244	NC					128-028-553	00EP205T			553	00EP205T	024-000	UNIT												
128-022-339	GRD			339	GRD	024-000	UNIT			128-028-245	GRD			245	GRD	024-000	UNIT			128-028-554	GRD			554	GRD	024-000	UNIT												
128-022-340	00EP120C			340	00EP120C	024-000	UNIT			128-028-246	00EP213C			246	00EP213C	024-000	UNIT			128-028-555	00EP202C			555	00EP202C	024-000	UNIT												
128-022-341	00EP119T			341	00EP119T	024-000	UNIT			128-028-247	00EP212T			247	00EP212T	024-000	UNIT				00EP201T			556	00EP201T	024-000	UNIT												
128-022-342	GRD			342	GRD	024-000	UNIT				NC			248	NC																								
128-022-343	00EP116C			343	00EP116C	024-000	UNIT			128-028-249	00EP209C			249	00EP209C	024-000	UNIT			128-028-249	00EP208T			250	00EP208T	024-000	UNIT												
	NC			344						128-028-250	00EP208T			250	00EP208T	024-000	UNIT			128-028-250	NC			251	NC														
128-022-345	00EP115T			345																																			

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ECL-BUS UNIT CONTROL AND RETURN, BAY 7 TO BAY 8

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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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J1										J1										J2										J2									
828-006										828-006 (CONT'D)										828-006 (CONT'D)										828-006 (CONT'D)									
JACK/UNIT (EBCU)										JACK/UNIT (EBCU)										JACK/UNIT (EBCU)										JACK/UNIT (EBCU)									
728-176-200	GRD			200	GRD					728-176-510	1SPARE22			510	1SPARE22	824-000	UNIT	04-006-510	ZE	728-176-447	GRD			447	GRD	824-000	UNIT	04-006-447	ZE	728-176-447	GRD			447	GRD	824-000	UNIT	04-006-447	ZE
728-176-201	10EMX1C			201	10EMX1C	824-000	UNIT	04-006-201	ZE	728-176-511	1SPARE23			511	1SPARE23	824-000	UNIT	04-006-511	ZE	728-176-448	10EKS4C			448	10EKS4C	824-000	UNIT	04-006-448	ZE	728-176-448	10EKS4C			448	10EKS4C	824-000	UNIT	04-006-448	ZE
728-176-202	10EMX0T			202	10EMX0T	824-000	UNIT	04-006-202	ZE					512						728-176-449	10EKS4T			449	10EKS4T	824-000	UNIT	04-006-449	ZE	728-176-449	10EKS4T			449	10EKS4T	824-000	UNIT	04-006-449	ZE
728-176-203	NC			203	NC					728-176-513	GRD			513	GRD									450	NC					450	NC								
728-176-204	1SPARE0			204	1SPARE0	824-000	UNIT	04-006-204	ZE	728-176-514	1SPARE13			514	1SPARE13	824-000	UNIT	04-006-514	ZE	728-176-451	10STER4C			451	10STER4C	824-000	UNIT	04-006-451	ZE	728-176-451	10STER4C			451	10STER4C	824-000	UNIT	04-006-451	ZE
728-176-205	1SPARE1			205	1SPARE1	824-000	UNIT	04-006-205	ZE	728-176-515	1SPARE14			515	1SPARE14	824-000	UNIT	04-006-515	ZE	728-176-452	10STCD4T			452	10STCD4T	824-000	UNIT	04-006-452	ZE	728-176-452	10STCD4T			452	10STCD4T	824-000	UNIT	04-006-452	ZE
728-176-207	10STER1C			207	10STER1C	824-000	UNIT	04-006-207	ZE	728-176-516	GRD			516	GRD									453	NC					453	NC								
728-176-208	10STCD1T			208	10STCD1T	824-000	UNIT	04-006-208	ZE	728-176-517	10EM650C			517	10EM650C	824-000	UNIT	04-006-517	ZE	728-176-454	10EKS50C			454	10EKS50C	824-000	UNIT	04-006-454	ZE	728-176-454	10EKS50C			454	10EKS50C	824-000	UNIT	04-006-454	ZE
728-176-210	1SPARE16			210	1SPARE16	824-000	UNIT	04-006-210	ZE	728-176-518	10EMSY1T			518	10EMSY1T	824-000	UNIT	04-006-518	ZE	728-176-455	10EKS50T			455	10EKS50T	824-000	UNIT	04-006-455	ZE	728-176-455	10EKS50T			455	10EKS50T	824-000	UNIT	04-006-455	ZE
728-176-211	1SPARE17			211	1SPARE17	824-000	UNIT	04-006-211	ZE	728-176-519	GRD			519	GRD									456	NC					456	NC								
728-176-213	GRD			213	GRD					728-176-520	10EM652C			520	10EM652C	824-000	UNIT	04-006-520	ZE	728-176-532	GRD			532	GRD	824-000	UNIT	04-006-532	ZE	728-176-532	GRD			532	GRD	824-000	UNIT	04-006-532	ZE
728-176-214	1SPARE2			214	1SPARE2	824-000	UNIT	04-006-214	ZE	728-176-521	10ELSY3T			521	10ELSY3T	824-000	UNIT	04-006-521	ZE	728-176-533	10STCD0C			533	10STCD0C	824-000	UNIT	04-006-533	ZE	728-176-533	10STCD0C			533	10STCD0C	824-000	UNIT	04-006-533	ZE
728-176-215	1SPARE3			215	1SPARE3	824-000	UNIT	04-006-215	ZE	728-176-522	GRD			522	GRD									534	10STER1T	824-000	UNIT	04-006-534	ZE	728-176-534	10STER1T			534	10STER1T	824-000	UNIT	04-006-534	ZE
728-176-217	10EMSY1C			217	10EMSY1C	824-000	UNIT	04-006-217	ZE	728-176-523	10EL654C			523	10EL654C	824-000	UNIT	04-006-523	ZE	728-176-535	GRD			535	GRD	824-000	UNIT	04-006-535	ZE	728-176-535	GRD			535	GRD	824-000	UNIT	04-006-535	ZE
728-176-218	10EM651T			218	10EM651T	824-000	UNIT	04-006-218	ZE	728-176-524	1SPARE15			524	1SPARE15	824-000	UNIT	04-006-524	ZE	728-176-536	10STCD2C			536	10STCD2C	824-000	UNIT	04-006-536	ZE	728-176-536	10STCD2C			536	10STCD2C	824-000	UNIT	04-006-536	ZE
728-176-220	10ELSY3C			220	10ELSY3C	824-000	UNIT	04-006-220	ZE															537	10STER3T	824-000	UNIT	04-006-537	ZE	728-176-537	10STER3T			537	10STER3T	824-000	UNIT	04-006-537	ZE
728-176-221	10EL653T			221	10EL653T	824-000	UNIT	04-006-221	ZE	728-176-232	GRD			232	GRD	824-000	UNIT	04-006-232	ZE	728-176-538	GRD			538	GRD	824-000	UNIT	04-006-538	ZE	728-176-538	GRD			538	GRD	824-000	UNIT	04-006-538	ZE
728-176-223	1SPARE4			223	1SPARE4	824-000	UNIT	04-006-223	ZE	728-176-233	10STER1C			233	10STER1C	824-000	UNIT	04-006-233	ZE	728-176-539	10EXM2C			539	10EXM2C	824-000	UNIT	04-006-539	ZE	728-176-539	10EXM2C			539	10EXM2C	824-000	UNIT	04-006-539	ZE
728-176-224	1SPARE5			224	1SPARE5	824-000	UNIT	04-006-224	ZE	728-176-234	10STCD1T			234	10STCD1T	824-000	UNIT	04-006-234	ZE	728-176-540	10EXM1T			540	10EXM1T	824-000	UNIT	04-006-540	ZE	728-176-540	10EXM1T			540	10EXM1T	824-000	UNIT	04-006-540	ZE
728-176-300	10EMX3T			300	10EMX3T	824-000	UNIT	04-006-300	ZE	728-176-235	NC			235	NC									541	GRD	824-000	UNIT	04-006-541	ZE	728-176-541	GRD			541	GRD	824-000	UNIT	04-006-541	ZE
728-176-301	GRD			301	GRD					728-176-236	10STER3C			236	10STER3C	824-000	UNIT	04-006-236	ZE	728-176-542	10ECDATC			542	10ECDATC	824-000	UNIT	04-006-542	ZE	728-176-542	10ECDATC			542	10ECDATC	824-000	UNIT	04-006-542	ZE
728-176-302	10EMX0C			302	10EMX0C	824-000	UNIT	04-006-302	ZE	728-176-237	10STCD3T			237	10STCD3T	824-000	UNIT	04-006-237	ZE	728-176-543	10ICD1			543	10ICD1	824-000	UNIT	04-006-543	ZE	728-176-543	10ICD1			543	10ICD1	824-000	UNIT	04-006-543	ZE
728-176-303	10EMCADT			303	10EMCADT	824-000	UNIT	04-006-303	ZE															544	NC					544	NC								
728-176-304	GRD			304	GRD					728-176-238	10EXM1C			238	10EXM1C	824-000	UNIT	04-006-238	ZE	728-176-545	GRD			545	GRD	824-000	UNIT	04-006-545	ZE	728-176-545	GRD			545	GRD	824-000	UNIT	04-006-545	ZE
728-176-305	1SPARE6			305	1SPARE6	824-000	UNIT	04-006-305	ZE	728-176-239	10EXM0T			239	10EXM0T	824-000	UNIT	04-006-239	ZE	728-176-546	10EKS52C			546	10EKS52C	824-000	UNIT	04-006-546	ZE	728-176-546	10EKS52C			546	10EKS52C	824-000	UNIT	04-006-546	ZE
728-176-306	10STER0T			306	10STER0T	824-000	UNIT	04-006-306	ZE	728-176-240	10EXM0T			240	10EXM0T	824-000	UNIT	04-006-240	ZE	728-176-547	10EKS53T			547	10EKS53T	824-000	UNIT	04-006-547	ZE	728-176-547	10EKS53T			547	10EKS53T	824-000	UNIT	04-006-547	ZE

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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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J4										J4										J5										J5									
828-014										828-014 (CONT'D)										828-022										828-022 (CONT'D)									
JACK/UNIT (EBU)										JACK/UNIT (EBU)										JACK/UNIT (EBU)										JACK/UNIT (EBU)									
728-170-232	GRD			232	GRD	824-000	UNIT	04-014-232	ZE	728-170-542	10EP018C			542	10EP018C	824-000	UNIT	04-014-542	ZE	728-164-447	GRD			447	GRD	824-000	UNIT	04-022-447	ZE	728-164-447	GRD			447	GRD	824-000	UNIT	04-022-447	ZE
728-170-233	10EP029C			233	10EP029C	824-000	UNIT	04-014-233	ZE	728-170-543	10EP017T			543	10EP017T	824-000	UNIT	04-014-543	ZE	728-164-448	10EP111C			448	10EP111C	824-000	UNIT	04-022-448	ZE	728-164-448	10EP111C			448	10EP111C	824-000	UNIT	04-022-448	ZE
728-170-234	10EP028T			234	10EP028T	824-000	UNIT	04-014-234	ZE	728-170-544	10EP017T			544	10EP017T	824-000	UNIT	04-014-543	ZE	728-164-449	10EP110T			449	10EP110T	824-000	UNIT	04-022-449	ZE	728-164-449	10EP110T			449	10EP110T	824-000	UNIT	04-022-449	ZE
728-170-236	10EP025C			236	10EP025C	824-000	UNIT	04-014-236	ZE	728-170-545	GRD			545	GRD	824-000	UNIT	04-014-545	ZE	728-164-450	NC			450						728-164-451	10EP107C			451	10EP107C	824-000	UNIT	04-022-451	ZE
728-170-237	10EP024T			237	10EP024T	824-000	UNIT	04-014-237	ZE	728-170-546	10EP014C			546	10EP014C	824-000	UNIT	04-014-546	ZE	728-164-451	10EP107C			451	10EP107C	824-000	UNIT	04-022-451	ZE	728-164-452	10EP106T			452	10EP106T	824-000	UNIT	04-022-452	ZE
728-170-239	10EP021C			239	10EP021C	824-000	UNIT	04-014-239	ZE	728-170-547	10EP013T			547	10EP013T	824-000	UNIT	04-014-547	ZE	728-164-452	10EP106T			452	10EP106T	824-000	UNIT	04-022-452	ZE	728-164-453	NC			453					
728-170-240	10EP020T			240	10EP020T	824-000	UNIT	04-014-240	ZE	728-170-548	GRD			548	GRD	824-000	UNIT	04-014-548	ZE	728-164-454	10EP103C			454	10EP103C	824-000	UNIT	04-022-454	ZE	728-164-455	10EP102T			455	10EP102T	824-000	UNIT	04-022-455	ZE
728-170-242	NC			241						728-170-549	10EP010C			549	10EP010C	824-000	UNIT	04-014-549	ZE	728-164-455	NC			455						728-164-456	GRD			456	GRD	824-000	UNIT	04-022-456	ZE
728-170-242	10EP017C			242	10EP017C	824-000	UNIT	04-014-242	ZE	728-170-550	10EP009T			550	10EP009T	824-000	UNIT	04-014-550	ZE	728-164-456	10EP102T			456	10EP102T	824-000	UNIT	04-022-456	ZE	728-164-457	10EP125T			457	10EP125T	824-000	UNIT	04-022-457	ZE
728-170-243	10EP016T			243	10EP016T	824-000	UNIT	04-014-243	ZE	728-170-551	GRD			551	GRD	824-000	UNIT	04-014-551	ZE	728-164-457	10EP125T			457	10EP125T	824-000	UNIT	04-022-457	ZE	728-164-458	GRD			458	GRD	824-000	UNIT	04-022-458	ZE
728-170-245	GRD			244	GRD	824-000	UNIT	04-014-245	ZE	728-170-552	10EP006C			552	10EP006C	824-000	UNIT	04-014-552	ZE	728-164-458	GRD			458	GRD	824-000	UNIT	04-022-458	ZE	728-164-459	10EP122C			459	10EP122C	824-000	UNIT	04-022-459	ZE
728-170-246	10EP013C			246	10EP013C	824-000	UNIT	04-014-246	ZE	728-170-553	10EP005T			553	10EP005T	824-000	UNIT	04-014-553	ZE	728-164-459	10EP122C			459	10EP122C	824-000	UNIT	04-022-459	ZE	728-164-460	10EP121T			460	10EP121T	824-000	UNIT	04-022-460	ZE
728-170-247	10EP012T			247	10EP012T	824-000	UNIT	04-014-247	ZE	728-170-554	GRD			554	GRD	824-000	UNIT	04-014-554	ZE	728-164-460	10EP121T			460	10EP121T	824-000	UNIT	04-022-460	ZE	728-164-461	GRD			461	GRD	824-000	UNIT	04-022-461	ZE
728-170-249	10EP009C			249	10EP009C	824-000	UNIT	04-014-249	ZE	728-170-555	10EP002C			555	10EP002C	824-000	UNIT	04-014-555	ZE	728-164-461	GRD			461	GRD	824-000	UNIT	04-022-461	ZE	728-164-462	10EP118C			462	10EP118C	824-000	UNIT	04-022-462	ZE
728-170-250	10EP008T			250	10EP008T	824-000	UNIT	04-014-250	ZE	728-170-556	10EP001T			556	10EP001T	824-000	UNIT	04-014-556	ZE	728-164-462	10EP118C			462	10EP118C	824-000	UNIT	04-022-462	ZE	728-164-463	10EP117T			463	10EP117T	824-000	UNIT	04-022-463	ZE
728-170-252	10EP005C			252	10EP005C	824-000	UNIT	04-014-252	ZE	728-164-232	GRD			232	GRD	824-000	UNIT	04-022-232	ZE	728-164-463	10EP117T			463	10EP117T	824-000	UNIT	04-022-463	ZE	728-164-464	NC			464					
728-170-253	10EP004T			253	10EP004T	824-000	UNIT	04-014-253	ZE	728-164-233	10EP129C			233	10EP129C	824-000	UNIT	04-022-233	ZE	728-164-464	NC			464						728-164-465	GRD			465	GRD	824-000	UNIT	04-022-465	ZE
728-170-255	10EP001C			255	10EP001C	824-000	UNIT	04-014-255	ZE	728-164-234	10EP128T			234	10EP128T	824-000	UNIT	04-022-234	ZE	728-164-465	GRD			465	GRD	824-000	UNIT	04-022-465	ZE	728-164-466	10EP114C			466	10EP114C	824-000	UNIT	04-022-466	ZE
728-170-256	10EP000T			256	10EP000T	824-000	UNIT	04-014-256	ZE	728-164-235	NC			235						728-164-466	10EP114C			466	10EP114C	824-000	UNIT	04-022-466	ZE	728-164-467	10EP113T			467	10EP113T	824-000	UNIT	04-022-467	ZE
728-170-332	10EP031T			332	10EP031T	824-000	UNIT	04-014-332	ZE	728-164-236	10EP125C			236	10EP125C	824-000	UNIT	04-022-236	ZE	728-164-467	10EP113T			467	10EP113T	824-000	UNIT	04-022-467	ZE	728-164-468	GRD			468	GRD	824-000	UNIT	04-022-468	ZE
728-170-332	10EP031T			332	10EP031T	824-000	UNIT	04-014-332	ZE	728-164-237	10EP124T			237	10EP124T	824-000	UNIT	04-022-237	ZE	728-164-468	GRD			468	GRD	824-000	UNIT	04-022-468	ZE	728-164-469	10EP110C			469	10EP110C	824-000	UNIT	04-022-469	ZE
728-170-333	GRD			333	GRD	824-000	UNIT	04-014-333	ZE	728-164-238	NC			238						728-164-469	10EP110C			469	10EP110C	824-000	UNIT	04-022-469	ZE	728-164-470	10EP109T			470	10EP109T	824-000	UNIT	04-022-470	ZE
728-170-334	10EP028C			334	10EP028C	824-000	UNIT	04-014-334	ZE	728-164-239	10EP121C			239	10EP121C	824-000	UNIT	04-022-239	ZE	728-164-470	10EP109T			470	10EP109T	824-000	UNIT	04-022-470	ZE	728-164-471	GRD			471	GRD	824-000	UNIT	04-022-471	ZE
728-170-335	10EP027T			335	10EP027T	824-000	UNIT	04-014-335	ZE	728-164-240	10EP120T			240	10EP120T	824-000	UNIT	04-022-240	ZE	728-164-471	GRD			471	GRD														

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AP FIG 19 CAD 073

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AP FIG 19 CAD 074

(CONT'D)

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
J6										J6									
828-158-232	GRD			232	GRD	824-000	UNIT		04-028-232	ZE									
828-158-233	10EP229C			233	10EP229C	824-000	UNIT		04-028-233	ZE									
828-158-234	10EP228T			234	10EP228T	824-000	UNIT		04-028-234	ZE									
828-158-235	NC			235															
828-158-236	10EP225C			236	10EP225C	824-000	UNIT		04-028-236	ZE									
828-158-237	10EP224T			237	10EP224T	824-000	UNIT		04-028-237	ZE									
828-158-238	NC			238															
828-158-239	10EP221C			239	10EP221C	824-000	UNIT		04-028-239	ZE									
828-158-240	10EP220T			240	10EP220T	824-000	UNIT		04-028-240	ZE									
828-158-241	NC			241															
828-158-242	10EP217C			242	10EP217C	824-000	UNIT		04-028-242	ZE									
828-158-243	10EP216T			243	10EP216T	824-000	UNIT		04-028-243	ZE									
828-158-244	NC			244															
828-158-245	GRD			245	GRD	824-000	UNIT		04-028-245	ZE									
828-158-246	10EP213C			246	10EP213C	824-000	UNIT		04-028-246	ZE									
828-158-247	10EP212T			247	10EP212T	824-000	UNIT		04-028-247	ZE									
828-158-248	NC			248															
828-158-249	10EP209C			249	10EP209C	824-000	UNIT		04-028-249	ZE									
828-158-250	10EP208T			250	10EP208T	824-000	UNIT		04-028-250	ZE									
828-158-251	NC			251															
828-158-252	10EP205C			252	10EP205C	824-000	UNIT		04-028-252	ZE									
828-158-253	10EP204T			253	10EP204T	824-000	UNIT		04-028-253	ZE									
828-158-254	NC			254															
828-158-255	10EP201C			255	10EP201C	824-000	UNIT		04-028-255	ZE									
828-158-256	10EP200T			256	10EP200T	824-000	UNIT		04-028-256	ZE									
828-158-332	10EP231T			332	10EP231T	824-000	UNIT		04-028-332	ZE									
828-158-333	GRD			333	GRD	824-000	UNIT		04-028-333	ZE									
828-158-334	10EP228C			334	10EP228C	824-000	UNIT		04-028-334	ZE									
828-158-335	10EP227T			335	10EP227T	824-000	UNIT		04-028-335	ZE									
828-158-336	GRD			336	GRD	824-000	UNIT		04-028-336	ZE									
828-158-337	10EP224C			337	10EP224C	824-000	UNIT		04-028-337	ZE									
828-158-338	10EP223T			338	10EP223T	824-000	UNIT		04-028-338	ZE									
828-158-339	GRD			339	GRD	824-000	UNIT		04-028-339	ZE									
828-158-340	10EP220C			340	10EP220C	824-000	UNIT		04-028-340	ZE									
828-158-341	10EP219T			341	10EP219T	824-000	UNIT		04-028-341	ZE									
828-158-342	GRD			342	GRD	824-000	UNIT		04-028-342	ZE									
828-158-343	10EP216C			343	10EP216C	824-000	UNIT		04-028-343	ZE									
828-158-344	NC			344															
828-158-345	10EP215T			345	10EP215T	824-000	UNIT		04-028-345	ZE									
828-158-346	GRD			346	GRD	824-000	UNIT		04-028-346	ZE									
828-158-347	10EP212C			347	10EP212C	824-000	UNIT		04-028-347	ZE									
828-158-348	10EP211T			348	10EP211T	824-000	UNIT		04-028-348	ZE									
828-158-349	GRD			349	GRD	824-000	UNIT		04-028-349	ZE									
828-158-350	10EP208C			350	10EP208C	824-000	UNIT		04-028-350	ZE									
828-158-351	10EP207T			351	10EP207T	824-000	UNIT		04-028-351	ZE									
828-158-352	GRD			352	GRD	824-000	UNIT		04-028-352	ZE									
828-158-353	10EP204C			353	10EP204C	824-000	UNIT		04-028-353	ZE									
828-158-354	10EP203T			354	10EP203T	824-000	UNIT		04-028-354	ZE									
828-158-355	GRD			355	GRD	824-000	UNIT		04-028-355	ZE									
828-158-356	10EP200C			356	10EP200C	824-000	UNIT		04-028-356	ZE									
828-158-432	10EP231C			432	10EP231C	824-000	UNIT		04-028-432	ZE									
828-158-433	10EP230T			433	10EP230T	824-000	UNIT		04-028-433	ZE									
828-158-434	GRD			434	GRD	824-000	UNIT		04-028-434	ZE									
828-158-435	10EP227C			435	10EP227C	824-000	UNIT		04-028-435	ZE									
828-158-436	10EP226T			436	10EP226T	824-000	UNIT		04-028-436	ZE									
828-158-437	NC			437															
828-158-438	10EP223C			438	10EP223C	824-000	UNIT		04-028-438	ZE									
828-158-439	10EP222T			439	10EP222T	824-000	UNIT		04-028-439	ZE									
828-158-440	NC			440															
828-158-441	10EP219C			441	10EP219C	824-000	UNIT		04-028-441	ZE									
828-158-442	10EP218T			442	10EP218T	824-000	UNIT		04-028-442	ZE									
828-158-443	NC			443															
828-158-444	10EP215C			444	10EP215C	824-000	UNIT		04-028-444	ZE									
828-158-446	10EP214T			446	10EP214T	824-000	UNIT		04-028-446	ZE									
828-158-447	GRD			447	GRD	824-000	UNIT		04-028-447	ZE									
828-158-448	10EP211C			448	10EP211C	824-000	UNIT		04-028-448	ZE									

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DIAL FABRIC		DWG SIZE	ISSUE
		C2	3B
AT&T	SD-SD144-02		GB57

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(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J4				928-014 JACK/UNIT (EBU)			
828-170-232	GRD			232	GRD 924-000	UNIT	04-014-232
828-170-233	10EP029C			233	10EP029C 924-000	UNIT	04-014-233
828-170-234	10EP028T			234	10EP028T 924-000	UNIT	04-014-234
	NC			235			
828-170-236	10EP025C			236	10EP025C 924-000	UNIT	04-014-236
828-170-237	10EP024T			237	10EP024T 924-000	UNIT	04-014-237
	NC			238			
828-170-239	10EP021C			239	10EP021C 924-000	UNIT	04-014-239
828-170-240	10EP020T			240	10EP020T 924-000	UNIT	04-014-240
	NC			241			
828-170-242	10EP017C			242	10EP017C 924-000	UNIT	04-014-242
828-170-243	10EP016T			243	10EP016T 924-000	UNIT	04-014-243
	NC			244			
828-170-245	GRD			245	GRD 924-000	UNIT	04-014-245
828-170-246	10EP013C			246	10EP013C 924-000	UNIT	04-014-246
828-170-247	10EP012T			247	10EP012T 924-000	UNIT	04-014-247
	NC			248			
828-170-249	10EP009C			249	10EP009C 924-000	UNIT	04-014-249
828-170-250	10EP008T			250	10EP008T 924-000	UNIT	04-014-250
	NC			251			
828-170-252	10EP005C			252	10EP005C 924-000	UNIT	04-014-252
828-170-253	10EP004T			253	10EP004T 924-000	UNIT	04-014-253
	NC			254			
828-170-255	10EP001C			255	10EP001C 924-000	UNIT	04-014-255
828-170-256	10EP000T			256	10EP000T 924-000	UNIT	04-014-256
828-170-332	10EP031T			332	10EP031T 924-000	UNIT	04-014-332
828-170-333	GRD			333	GRD 924-000	UNIT	04-014-333
828-170-334	10EP028C			334	10EP028C 924-000	UNIT	04-014-334
828-170-335	10EP027T			335	10EP027T 924-000	UNIT	04-014-335
828-170-336	GRD			336	GRD 924-000	UNIT	04-014-336
828-170-337	10EP024C			337	10EP024C 924-000	UNIT	04-014-337
828-170-338	10EP023T			338	10EP023T 924-000	UNIT	04-014-338
828-170-339	GRD			339	GRD 924-000	UNIT	04-014-339
828-170-340	10EP020C			340	10EP020C 924-000	UNIT	04-014-340
828-170-341	10EP019T			341	10EP019T 924-000	UNIT	04-014-341
828-170-342	GRD			342	GRD 924-000	UNIT	04-014-342
828-170-343	10EP016C			343	10EP016C 924-000	UNIT	04-014-343
	NC			344			
828-170-345	10EP015T			345	10EP015T 924-000	UNIT	04-014-345
828-170-346	GRD			346	GRD 924-000	UNIT	04-014-346
828-170-347	10EP012C			347	10EP012C 924-000	UNIT	04-014-347
828-170-348	10EP011T			348	10EP011T 924-000	UNIT	04-014-348
828-170-349	GRD			349	GRD 924-000	UNIT	04-014-349
828-170-350	10EP008C			350	10EP008C 924-000	UNIT	04-014-350
828-170-351	10EP007T			351	10EP007T 924-000	UNIT	04-014-351
828-170-352	GRD			352	GRD 924-000	UNIT	04-014-352
828-170-353	10EP004C			353	10EP004C 924-000	UNIT	04-014-353
828-170-354	10EP003T			354	10EP003T 924-000	UNIT	04-014-354
828-170-355	GRD			355	GRD 924-000	UNIT	04-014-355
828-170-356	10EP000C			356	10EP000C 924-000	UNIT	04-014-356
828-170-432	10EP031C			432	10EP031C 924-000	UNIT	04-014-432
828-170-433	10EP030T			433	10EP030T 924-000	UNIT	04-014-433
828-170-434	GRD			434	GRD 924-000	UNIT	04-014-434
828-170-435	10EP027C			435	10EP027C 924-000	UNIT	04-014-435
828-170-436	10EP026T			436	10EP026T 924-000	UNIT	04-014-436
	NC			437			
828-170-438	10EP023C			438	10EP023C 924-000	UNIT	04-014-438
828-170-439	10EP022T			439	10EP022T 924-000	UNIT	04-014-439
	NC			440			
828-170-441	10EP019C			441	10EP019C 924-000	UNIT	04-014-441
828-170-442	10EP018T			442	10EP018T 924-000	UNIT	04-014-442
	NC			443			
828-170-445	10EP015C			445	10EP015C 924-000	UNIT	04-014-445
828-170-446	10EP014T			446	10EP014T 924-000	UNIT	04-014-446
828-170-447	GRD			447	GRD 924-000	UNIT	04-014-447
828-170-448	10EP011C			448	10EP011C 924-000	UNIT	04-014-448
828-170-449	10EP010T			449	10EP010T 924-000	UNIT	04-014-449
	NC			450			
828-170-451	10EP007C			451	10EP007C 924-000	UNIT	04-014-451
828-170-452	10EP006T			452	10EP006T 924-000	UNIT	04-014-452
	NC			453			
828-170-454	10EP003C			454	10EP003C 924-000	UNIT	04-014-454
828-170-455	10EP002T			455	10EP002T 924-000	UNIT	04-014-455
	NC			456			
828-170-532	GRD			532	GRD 924-000	UNIT	04-014-532
828-170-533	10EP030C			533	10EP030C 924-000	UNIT	04-014-533
828-170-534	10EP029T			534	10EP029T 924-000	UNIT	04-014-534
828-170-535	GRD			535	GRD 924-000	UNIT	04-014-535
828-170-536	10EP026C			536	10EP026C 924-000	UNIT	04-014-536
828-170-537	10EP025T			537	10EP025T 924-000	UNIT	04-014-537
828-170-538	GRD			538	GRD 924-000	UNIT	04-014-538
828-170-539	10EP022C			539	10EP022C 924-000	UNIT	04-014-539
828-170-540	10EP021T			540	10EP021T 924-000	UNIT	04-014-540
828-170-541	GRD			541	GRD 924-000	UNIT	04-014-541

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(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOT
J4				928-014 (CONT'D)	JACK/UNIT	(EBU)			
828-170-542	10EP018C			542	10EP018C 924-000	UNIT	04-014-542	ZF	
828-170-543	10EP017T			543	10EP017T 924-000	UNIT	04-014-543	ZF	
	NC			544					
828-170-545	GRD			545	GRD 924-000	UNIT	04-014-545	ZF	
828-170-546	10EP014C			546	10EP014C 924-000	UNIT	04-014-546	ZF	
828-170-547	10EP013T			547	10EP013T 924-000	UNIT	04-014-547	ZF	
828-170-548	GRD			548	GRD 924-000	UNIT	04-014-548	ZF	
828-170-549	10EP010C			549	10EP010C 924-000	UNIT	04-014-549	ZF	
828-170-550	10EP009T			550	10EP009T 924-000	UNIT	04-014-550	ZF	
828-170-551	GRD			551	GRD 924-000	UNIT	04-014-551	ZF	
828-170-552	10EP006C			552	10EP006C 924-000	UNIT	04-014-552	ZF	
828-170-553	10EP005T			553	10EP005T 924-000	UNIT	04-014-553	ZF	
828-170-554	GRD			554	GRD 924-000	UNIT	04-014-554	ZF	
828-170-555	10EP002C			555	10EP002C 924-000	UNIT	04-014-555	ZF	
828-170-556	10EP001T			556	10EP001T 924-000	UNIT	04-014-556	ZF	
J5				928-022-	JACK/UNIT	(EBU)			
828-164-232	GRD			232	GRD 924-000	UNIT	04-022-232	ZF	
828-164-233	10EP129C			233	10EP129C 924-000	UNIT	04-022-233	ZF	
828-164-234	10EP128T			234	10EP128T 924-000	UNIT	04-022-234	ZF	
	NC			235					
828-164-236	10EP125C			236	10EP125C 924-000	UNIT	04-022-236	ZF	
828-164-237	10EP124T			237	10EP124T 924-000	UNIT	04-022-237	ZF	
	NC			238					
828-164-239	10EP121C			239	10EP121C 924-000	UNIT	04-022-239	ZF	
828-164-240	10EP120T			240	10EP120T 924-000	UNIT	04-022-240	ZF	
	NC			241					
828-164-242	10EP117C			242	10EP117C 924-000	UNIT	04-022-242	ZF	
828-164-243	10EP116T			243	10EP116T 924-000	UNIT	04-022-243	ZF	
	NC			244					
828-164-245	GRD			245	GRD 924-000	UNIT	04-022-245	ZF	
828-164-246	10EP113C			246	10EP113C 924-000	UNIT	04-022-246	ZF	
828-164-247	10EP112T			247	10EP112T 924-000	UNIT	04-022-247	ZF	
	NC			248					
828-164-249	10EP109C			249	10EP109C 924-000	UNIT	04-022-249	ZF	
828-164-250	10EP108T			250	10EP108T 924-000	UNIT	04-022-250	ZF	
	NC			251					
828-164-252	10EP105C			252	10EP105C 924-000	UNIT	04-022-252	ZF	
828-164-253	10EP104T			253	10EP104T 924-000	UNIT	04-022-253	ZF	
	NC			254					
828-164-255	10EP101C			255	10EP101C 924-000	UNIT	04-022-255	ZF	
828-164-256	10EP100T			256	10EP100T 924-000	UNIT	04-022-256	ZF	
828-164-332	10EP131T			332	10EP131T 924-000	UNIT	04-022-332	ZF	
828-164-333	GRD			333	GRD 924-000	UNIT	04-022-333	ZF	
828-164-334	10EP128C			334	10EP128C 924-000	UNIT	04-022-334	ZF	
828-164-335	10EP127T			335	10EP127T 924-000	UNIT	04-022-335	ZF	
828-164-336	GRD			336	GRD 924-000	UNIT	04-022-336	ZF	
828-164-337	10EP124C			337	10EP124C 924-000	UNIT	04-022-337	ZF	
828-164-338	10EP123T			338	10EP123T 924-000	UNIT	04-022-338	ZF	
828-164-339	GRD			339	GRD 924-000	UNIT	04-022-339	ZF	
828-164-340	10EP120C			340	10EP120C 924-000	UNIT	04-022-340	ZF	
828-164-341	10EP119T			341	10EP119T 924-000	UNIT	04-022-341	ZF	
828-164-342	GRD			342	GRD 924-000	UNIT	04-022-342	ZF	
828-164-343	10EP116C			343	10EP116C 924-000	UNIT	04-022-343	ZF	
	NC			344					
828-164-345	10EP115T			345	10EP115T 924-000	UNIT	04-022-345	ZF	
828-164-346	GRD			346	GRD 924-000	UNIT	04-022-346	ZF	
828-164-347	10EP112C			347	10EP112C 924-000	UNIT	04-022-347	ZF	
828-164-348	10EP111T			348	10EP111T 924-000	UNIT	04-022-348	ZF	
828-164-349	GRD			349	GRD 924-000	UNIT	04-022-349	ZF	
828-164-350	10EP108C			350	10EP108C 924-000	UNIT	04-022-350	ZF	
828-164-351	10EP107T			351	10EP107T 924-000	UNIT	04-022-351	ZF	
828-164-352	GRD			352	GRD 924-000	UNIT	04-022-352	ZF	
828-164-353	10EP104C			353	10EP104C 924-000	UNIT	04-022-353	ZF	
828-164-354	10EP103T			354	10EP103T 924-000	UNIT	04-022-354	ZF	
828-164-355	GRD			355	GRD 924-000	UNIT	04-022-355	ZF	
828-164-356	10EP100C			356	10EP100C 924-000	UNIT	04-022-356	ZF	
828-164-432	10EP131C			432	10EP131C 924-000	UNIT	04-022-432	ZF	
828-164-433	10EP130T			433	10EP130T 924-000	UNIT	04-022-433	ZF	
828-164-434	GRD			434	GRD 924-000	UNIT	04-022-434	ZF	
828-164-435	10EP127C			435	10EP127C 924-000	UNIT	04-022-435	ZF	
828-164-436	10EP126T			436	10EP126T 924-000	UNIT	04-022-436	ZF	
	NC			437					
828-164-438	10EP123C			438	10EP123C 924-000	UNIT	04-022-438	ZF	
828-164-439	10EP122T			439	10EP122T 924-000	UNIT	04-022-439	ZF	
	NC			440					
828-164-441	10EP119C			441	10EP119C 924-000	UNIT	04-022-441	ZF	
828-164-442	10EP118T			442	10EP118T 924-000	UNIT	04-022-442	ZF	
	NC			443					
	NC			444					
828-164-445	10EP115C			445	10EP115C 924-000	UNIT	04-022-445	ZF	
828-164-446	10EP114T			446	10EP114T 924-000	UNIT	04-022-446	ZF	

R	TO CONNECTION				FROM CONNECTION					OPT	N
	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL			
	-----J6				928-028	JACK/UNIT	(EBU)	-----			
	828-158-232	GRD		232	GRD	924-000	UNIT	04-028-232	2F		
	828-158-233	10EP229C		233	10EP229C	924-000	UNIT	04-028-233	2F		
	828-158-234	10EP228T		234	10EP228T	924-000	UNIT	04-028-234	2F		
B		NC		235							
	828-158-236	10EP225C		236	10EP225C	924-000	UNIT	04-028-236	2F		
	828-158-237	10EP224T		237	10EP224T	924-000	UNIT	04-028-237	2F		
		NC		238							
	828-158-239	10EP221C		239	10EP221C	924-000	UNIT	04-028-239	2F		
	828-158-240	10EP220T		240	10EP220T	924-000	UNIT	04-028-240	2F		
		NC		241							
	828-158-242	10EP217C		242	10EP217C	924-000	UNIT	04-028-242	2F		
	828-158-243	10EP216T		243	10EP216T	924-000	UNIT	04-028-243	2F		
		NC		244							
	828-158-245	GRD		245	GRD	924-000	UNIT	04-028-245	2F		
	828-158-246	10EP213C		246	10EP213C	924-000	UNIT	04-028-246	2F		
	828-158-247	10EP212T		247	10EP212T	924-000	UNIT	04-028-247	2F		
C		NC		248							
	828-158-249	10EP209C		249	10EP209C	924-000	UNIT	04-028-249	2F		
	828-158-250	10EP208T		250	10EP208T	924-000	UNIT	04-028-250	2F		
		NC		251							
	823-158-252	10EP205C		252	10EP205C	924-000	UNIT	04-028-252	2F		
	828-158-253	10EP204T		253	10EP204T	924-000	UNIT	04-028-253	2F		
		NC		254							
	828-158-255	10EP201C		255	10EP201C	924-000	UNIT	04-028-255	2F		
	828-158-256	10EP200T		256	10EP200T	924-000	UNIT	04-028-256	2F		
	828-158-332	10EP231T		332	10EP231T	924-000	UNIT	04-028-332	2F		
	828-158-333	GRD		333	GRD	924-000	UNIT	04-028-333	2F		
	828-158-334	10EP228C		334	10EP228C	924-000	UNIT	04-028-334	2F		
	828-158-335	10EP227T		335	10EP227T	924-000	UNIT	04-028-335	2F		
D		GRD		336	GRD	924-000	UNIT	04-028-336	2F		
	828-158-337	10EP224C		337	10EP224C	924-000	UNIT	04-028-337	2F		
	828-158-338	10EP223T		338	10EP223T	924-000	UNIT	04-028-338	2F		
	828-158-339	GRD		339	GRD	924-000	UNIT	04-028-339	2F		
	828-158-340	10EP220C		340	10EP220C	924-000	UNIT	04-028-340	2F		
	828-158-341	10EP219T		341	10EP219T	924-000	UNIT	04-028-341	2F		
	828-158-342	GRD		342	GRD	924-000	UNIT	04-028-342	2F		
	828-158-343	10EP216C									

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J6				928-028 (CONT'D)	JACK/UNIT	(E8U)			
828-158-542	10EP218C			542	10EP218C	924-000 UNIT	04-028-542	ZF	
828-158-543	10EP217T			543	10EP217T	924-000 UNIT	04-028-543	ZF	
	NC			544					
328-158-545	GRD			545	GRD	924-000 UNIT	04-028-545	ZF	
828-158-546	10EP214C			546	10EP214C	924-000 UNIT	04-028-546	ZF	
828-158-547	10EP213T			547	10EP213T	924-000 UNIT	04-028-547	ZF	
828-158-548	GRD			548	GRD	924-000 UNIT	04-028-548	ZF	
828-158-549	10EP210C			549	10EP210C	924-000 UNIT	04-028-549	ZF	
828-158-550	10EP209T			550	10EP209T	924-000 UNIT	04-028-550	ZF	
828-158-551	GRD			551	GRD	924-000 UNIT	04-028-551	ZF	
828-158-552	10EP206C			552	10EP206C	924-000 UNIT	04-028-552	ZF	
828-158-553	10EP205T			553	10EP205T	924-000 UNIT	04-028-553	ZF	
828-158-554	GRD			554	GRD	924-000 UNIT	04-028-554	ZF	
828-158-555	10EP202C			555	10EP202C	924-000 UNIT	04-028-555	ZF	
828-158-556	10EP201T			556	10EP201T	924-000 UNIT	04-028-556	ZF	

AP FIG 19 CAD 075

ECL-BUS UNIT CONTROL AND RETURN, BAY 9 TO BAY 10

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				1028-006	JACK/UNIT	(E8U)			
928-176-200				200					
928-176-201	10EMXM1C			201	10EMXM1C	1024-000 UNIT	04-006-201	ZG	
928-176-202	10EMXM0T			202	10EMXM0T	1024-000 UNIT	04-006-202	ZG	
	NC			203					
928-176-204	1SPARE0			204	1SPARE0	1024-000 UNIT	04-006-204	ZG	
928-176-205	1SPARE1			205	1SPARE1	1024-000 UNIT	04-006-205	ZG	
	NC			206					
928-176-207	10STER1C			207	10STER1C	1024-000 UNIT	04-006-207	ZG	
928-176-208	10STCD1T			208	10STCD1T	1024-000 UNIT	04-006-208	ZG	
	NC			209					
928-176-210	10STER3C			210	10STER3C	1024-000 UNIT	04-006-210	ZG	
928-176-211	10STCD3T			211	10STCD3T	1024-000 UNIT	04-006-211	ZG	
	NC			212					
928-176-213				213					
928-176-214	1SPARE2			214	1SPARE2	1024-000 UNIT	04-006-214	ZG	
928-176-215	1SPARE3			215	1SPARE3	1024-000 UNIT	04-006-215	ZG	
	NC			216					
928-176-217	10EMSY1C			217	10EMSY1C	1024-000 UNIT	04-006-217	ZG	
928-176-218	10EM651T			218	10EM651T	1024-000 UNIT	04-006-218	ZG	
	NC			219					
928-176-220	10ELSY3C			220	10ELSY3C	1024-000 UNIT	04-006-220	ZG	
928-176-221	10EL653T			221	10EL653T	1024-000 UNIT	04-006-221	ZG	

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				1028-006 (CONT'D)	JACK/UNIT	(E8U).....			
928-176-402				402					
928-176-403	10EMCADC			403	10EMCADC	1024-000 UNIT	04-006-403	ZG	
928-176-404	10EMCDTT			404	10EMCDTT	1024-000 UNIT	04-006-404	ZG	
	NC			405					
928-176-406	10STER0C			406	10STER0C	1024-000 UNIT	04-006-406	ZG	
928-176-407	10STCD0T			407	10STCD0T	1024-000 UNIT	04-006-407	ZG	
	NC			408					
928-176-409	10STER2C			409	10STER2C	1024-000 UNIT	04-006-409	ZG	
928-176-410	10STCD2T			410	10STCD2T	1024-000 UNIT	04-006-410	ZG	
	NC			411					
	NC			412					
928-176-413	1SPARE10			413	1SPARE10	1024-000 UNIT	04-006-413	ZG	
928-176-414	1SPARE11			414	1SPARE11	1024-000 UNIT	04-006-414	ZG	
928-176-415				415					
928-176-416	10EMSY0C			416	10EMSY0C	1024-000 UNIT	04-006-416	ZG	
928-176-417	10EM650T			417	10EM650T	1024-000 UNIT	04-006-417	ZG	
	NC			418					
928-176-419	10EMSY2C			419	10EMSY2C	1024-000 UNIT	04-006-419	ZG	
928-176-420	10EM652T			420	10EM652T	1024-000 UNIT	04-006-420	ZG	
	NC			421					
928-176-422	10ELSY4C			422	10ELSY4C	1024-000 UNIT	04-006-422	ZG	
928-176-423	10EL654T			423	10EL654T	1024-000 UNIT	04-006-423	ZG	
	NC			424					
				500					
928-176-500				501	10EMMM2C	1024-000 UNIT	04-006-501	ZG	
928-176-501	10EMMM2C			502	10EMMM1T	1024-000 UNIT	04-006-502	ZG	
928-176-502	10EMMM1T			503					
928-176-503				504	10EMCDTC	1024-000 UNIT	04-006-504	ZG	
928-176-504	10EMCDTC			505	1SPARE12	1024-000 UNIT	04-006-505	ZG	
928-176-505	1SPARE12			506					
928-176-506				507	10STCD0C	1024-000 UNIT	04-006-507	ZG	
928-176-507	10STCD0C			508	10STER1T	1024-000 UNIT	04-006-508	ZG	
928-176-508	10STER1T			509					
928-176-509				510	10STCD2C	1024-000 UNIT	04-006-510	ZG	
928-176-510	10STCD2C			511	10STER3T	1024-000 UNIT	04-006-511	ZG	
928-176-511	10STER3T			512					
	NC			513					
928-176-513				514	1SPARE13	1024-000 UNIT	04-006-514	ZG	
928-176-514	1SPARE13			515	1SPARE14	1024-000 UNIT	04-006-515	ZG	
928-176-515	1SPARE14			516					
928-176-516				517	10EM650C	1024-000 UNIT	04-006-517	ZG	
928-176-517	10EM650C			518	10EMSY				

A vertical timeline diagram showing the sequence of events from A to H. The timeline is a vertical line with horizontal tick marks. The events are labeled A through H from top to bottom. Event D has a horizontal line segment extending to the left, indicating a specific duration or period.

AP FIG 19 CAD 075
(CONT'D)

TO CONNECTION		FROM CONNECTION	
DESTINATION	LEAD DESIG	TERMINATION	TERMINAL
.....J2			
1028-006	JACK/UNIT	(EBC)	
928-176-232	GRD	1024-000 UNIT	04-006-232
928-176-233	10STER1C	1024-000 UNIT	04-006-233
928-176-234	10STCD1T	1024-000 UNIT	04-006-234
928-176-235	NC		
928-176-236	10STER3C	1024-000 UNIT	04-006-236
928-176-237	10STCD3T	1024-000 UNIT	04-006-237
928-176-238	NC		
928-176-239	10EXM1C	1024-000 UNIT	04-006-239
928-176-240	10EXM0T	1024-000 UNIT	04-006-240
928-176-241	NC		
928-176-242	101C00	1024-000 UNIT	04-006-242
928-176-243	101CP1	1024-000 UNIT	04-006-243
928-176-244	NC		
928-176-245	GRD	1024-000 UNIT	04-006-245
928-176-246	10EKS3C	1024-000 UNIT	04-006-246
928-176-247	10EK653T	1024-000 UNIT	04-006-247
928-176-248	NC		
928-176-249	101D00	1024-000 UNIT	04-006-249
928-176-250	101DH1	1024-000 UNIT	04-006-250
928-176-251	NC		
928-176-252	10STER5C	1024-000 UNIT	04-006-252
928-176-253	10STCD5T	1024-000 UNIT	04-006-253
928-176-254	NC		
928-176-255	10EKS31C	1024-000 UNIT	04-006-255
928-176-256	10EK651T	1024-000 UNIT	04-006-256
928-176-332	10STER0T	1024-000 UNIT	04-006-332
928-176-333	GRD	1024-000 UNIT	04-006-333
928-176-334	10STCD1C	1024-000 UNIT	04-006-334
928-176-335	10STER2T	1024-000 UNIT	04-006-335
928-176-336	GRD	1024-000 UNIT	04-006-336
928-176-337	10STCD3C	1024-000 UNIT	04-006-337
928-176-338	10EXM3T	1024-000 UNIT	04-006-338
928-176-339	GRD	1024-000 UNIT	04-006-339
928-176-340	10EXM0C	1024-000 UNIT	04-006-340
928-176-341	10ECADDT	1024-000 UNIT	04-006-341
928-176-342	GRD	1024-000 UNIT	04-006-342
928-176-343	101CP0	1024-000 UNIT	04-006-343
928-176-344	NC		
928-176-345	10EKS32T	1024-000 UNIT	04-006-345
928-176-346	GRD	1024-000 UNIT	04-006-346
928-176-347	10EK653C	1024-000 UNIT	04-006-347
928-176-348	10EKS34T	1024-000 UNIT	04-006-348
928-176-349	GRD	1024-000 UNIT	04-006-349
928-176-350	101DH0	1024-000 UNIT	04-006-350
928-176-351	10STER4T	1024-000 UNIT	04-006-351
928-176-352	GRD	1024-000 UNIT	04-006-352
928-176-353	10STCD5C	1024-000 UNIT	04-006-353
928-176-354	10EKS30T	1024-000 UNIT	04-006-354
928-176-355	GRD	1024-000 UNIT	04-006-355
928-176-356	10EK651C	1024-000 UNIT	04-006-356
928-176-432	10STER0C	1024-000 UNIT	04-006-432
928-176-433	10STCD0T	1024-000 UNIT	04-006-433
928-176-434	GRD	1024-000 UNIT	04-006-434
928-176-435	10STER2C	1024-000 UNIT	04-006-435
928-176-436	10STCD2T	1024-000 UNIT	04-006-436
928-176-437	NC		
928-176-438	10EXM3C	1024-000 UNIT	04-006-438
928-176-439	10EXM2T	1024-000 UNIT	04-006-439
928-176-440	NC		
928-176-441	10ECADD0	1024-000 UNIT	04-006-441
928-176-442	10ECDA1T	1024-000 UNIT	04-006-442
928-176-443	NC		
928-176-444	NC		
928-176-445	10EKS32C	1024-000 UNIT	04-006-445
928-176-446	10EK652T	1024-000 UNIT	04-006-446
928-176-447	GRD	1024-000 UNIT	04-006-447
928-176-448	10EKS34C	1024-000 UNIT	04-006-448
928-176-449	10EK654T	1024-000 UNIT	04-006-449
928-176-450	NC		
928-176-451	10STER4C	1024-000 UNIT	04-006-451
928-176-452	10STCD4T	1024-000 UNIT	04-006-452
928-176-453	NC		
928-176-454	10EKS30C	1024-000 UNIT	04-006-454
928-176-455	10EK650T	1024-000 UNIT	04-006-455
928-176-456	NC		
928-176-532	GRD	1024-000 UNIT	04-006-532
928-176-533	10STCD0C	1024-000 UNIT	04-006-533
928-176-534	10STER1T	1024-000 UNIT	04-006-534
928-176-535	GRD	1024-000 UNIT	04-006-535
928-176-536	10STCD2C	1024-000 UNIT	04-006-536
928-176-537	10STER3T	1024-000 UNIT	04-006-537
928-176-538	GRD	1024-000 UNIT	04-006-538
928-176-539	10EXM2C	1024-000 UNIT	04-006-539
928-176-540	10EXM1T	1024-000 UNIT	04-006-540
928-176-541	GRD	1024-000 UNIT	04-006-541

AP FIG 19 CAD 075
(CONT'D)

TO CONNECTION		FROM CONNECTION	
DESTINATION	LEAD DESIG	TERMINATION	TERMINAL
.....J2			
1028-006	JACK/UNIT	(EBC)	
928-176-542	10ECDA1C	1024-000 UNIT	04-006-542
928-176-543	101C01	1024-000 UNIT	04-006-543
928-176-544	NC		
928-176-545	GRD	1024-000 UNIT	04-006-545
928-176-546	10EK652C	1024-000 UNIT	04-006-546
928-176-547	10EKS33T	1024-000 UNIT	04-006-547
928-176-548	GRD	1024-000 UNIT	04-006-548
928-176-549	10EK654C	1024-000 UNIT	04-006-549
928-176-550	101D01	1024-000 UNIT	04-006-550
928-176-551	GRD	1024-000 UNIT	04-006-551
928-176-552	10STCD4C	1024-000 UNIT	04-006-552
928-176-553	10STER5T	1024-000 UNIT	04-006-553
928-176-554	GRD	1024-000 UNIT	04-006-554
928-176-555	10EK650C	1024-000 UNIT	04-006-555
928-176-556	10EKS31T	1024-000 UNIT	04-006-556
.....J3			
1028-014	JACK/UNIT	(EBC)	
128-170-000	GRD	1024-000 UNIT	04-014-200
128-170-001	00SE021C	1024-000 UNIT	04-014-201
128-170-002	00SE020T	1024-000 UNIT	04-014-202
128-170-003	NC		
128-170-004	00SE017C	1024-000 UNIT	04-014-204
128-170-005	00SE016T	1024-000 UNIT	04-014-205
128-170-006	NC		
128-170-007	00SE029C	1024-000 UNIT	04-014-207
128-170-008	00SE028T	1024-000 UNIT	04-014-208
128-170-009	NC		
128-170-010	00SE025C	1024-000 UNIT	04-014-210
128-170-011	00SE024T	1024-000 UNIT	04-014-211
128-170-012	NC		
128-170-013	GRD	1024-000 UNIT	04-014-213
128-170-014	00SE005C	1024-000 UNIT	04-014-214
128-170-015	00SE004T	1024-000 UNIT	04-014-215
128-170-016	NC		
128-170-017	00SE001C	1024-000 UNIT	04-014-217
128-170-018	00SE000T	1024-000 UNIT	04-014-218
128-170-019	NC		
128-170-020	00SE013C	1024-000 UNIT	04-014-220
128-170-021	00SE012T	1024-000 UNIT	04-014-221
128-170-022	NC		
128-170-023	00SE009C	1024-000 UNIT	04-014-223
128-170-024	00SE008T	1024-000 UNIT	04-014-224
128-170-025	00SE023T	1024-000 UNIT	04-014-300
128-170-026	GRD	1024-000 UNIT	04-014-301
128-170-027	00SE020C	1024-000 UNIT	04-014-302
128-170-028	00SE019T	1024-000 UNIT	04-014-303
128-170-029	GRD	1024-000 UNIT	04-014-304
128-170-030	00SE016C	1024-000 UNIT	04-014-305
128-170-031	00SE031T	1024-000 UNIT	04-014-306
128-170-032	GRD	1024-000 UNIT	04-014-307
128-170-033	00SE028C	1024-000 UNIT	04-014-308
128-170-034	00SE027T	1024-000 UNIT	04-014-309
128-170-035	GRD	1024-000 UNIT	04-014-310
128-170-036	00SE024C	1024-000 UNIT	04-014-311
128-170-037	NC		
128-170-038	00SE007T	1024-000 UNIT	04-014-313
128-170-039	GRD	1024-000 UNIT	04-014-314
128-170-040	00SE004C	1024-000 UNIT	04-014-315
128-170-041	00SE003T	1024-000 UNIT	04-014-316
128-170-042	GRD	1024-000 UNIT	04-014-317
128-170-043	00SE000C	1024-000 UNIT	04-014-318
128-170-044	00SE015T	1024-000 UNIT	04-014-319
128-170-045	GRD	1024-000 UNIT	04-014-320
128-170-046	00SE012C	1024-000 UNIT	04-014-321
128-170-047	00SE011T	1024-000 UNIT	04-014-322
128-170-048	GRD	1024-000 UNIT	04-014-323
128-170-049	00SE008C	1024-000 UNIT	04-014-324
128-170-050	00SE023C	1024-000 UNIT	04-014-400
128-170-051	00SE022T	1024-000 UNIT	04-014-401
128-170-052	GRD	1024-000 UNIT	04-014-402
128-170-053	00SE019C	1024-000 UNIT	04-014-403
128-170-054	00SE018T	1024-000 UNIT	04-014-404
128-170-055	NC		
128-170-056	00SE031C	1024-000 UNIT	04-014-406
128-170-057	00SE030T	1024-000 UNIT	04-014-407
128-170-058	NC		
128-170-059	00SE027C	1024-000 UNIT	04-014-409
128-170-060	00SE026T	1024-000 UNIT	04-014-410
128-170-061	NC		
128-170-062	NC		
128-170-063	00SE007C	1024-000 UNIT	04-014-413
128-170-064	00SE006T	1024-000 UNIT	04-014-414

AP FIG 19 CAD 075
(CONT'D)

TO CONNECTION		FROM CONNECTION	
DESTINATION	LEAD DESIG	TERMINATION	TERMINAL
.....J3			
1028-014	JACK/UNIT	(EBC)	
128-170-415	GRD	1024-000 UNIT	04-014-415
128-170-416	00SE003C	1024-000 UNIT	04-014-416
128-170-417	00SE002T	1024-000 UNIT	04-014-417
128-170-418	NC		
128-170-419	00SE015C	1024-000 UNIT	04-014-419
128-170-420	00SE014T	1024-000 UNIT	04-014-420
128-170-421	NC		
128-170-422	00SE011C	1024-000 UNIT	04-014-422
128-170-423	00SE010T	1024-000 UNIT	04-014-423
128-170-424	NC		
128-170-425	GRD	1024-000 UNIT	04-014-500
128-170-426	00SE022C	1024-000 UNIT	04-014-501
128-170-427	00SE021T	1024-000 UNIT	04-014-502
128-170-428	GRD	1024-000 UNIT	04-014-503
128-170-429	00SE018C	1024-000 UNIT	04-014-504
128-170-430	00SE017T	1024-000 UNIT	04-014-505
128-170-431	GRD	1024-000 UNIT	04-014-506
128-170-432	00SE030C	1024-000 UNIT	04-014-507
128-170-433	00SE029T	1024-000 UNIT	04-014-508
128-170-434	GRD	1024-000 UNIT	04-014-509
128-170-435	00SE026C	1024-000 UNIT	04-014-510
128-170-436	00SE025T	1024-000 UNIT	04-014-511
128-170-437	NC		
128-170-438	GRD	1024-000 UNIT	04-014-513
128-170-439	00SE006C	1024-000 UNIT	04-014-514
128-170-440	00SE005T	1024-000 UNIT	04-014-515
128-170-441	GRD	1024-000 UNIT	04-014-516
128-170-442	00SE002C	1024-000 UNIT	04-014-517
128-170-443	00SE001T	1024-000 UNIT	04-014-518
128-170-444	GRD	1024-000 UNIT	04-014-519
128-170-445	00SE014C	1024-000 UNIT	04-014-520
128-170-446	00SE013T	1024-000 UNIT	04-014-521
128-170-447	GRD	1024-000 UNIT	04-014-522
128-170-448	00SE010C	1024-000 UNIT	04-014-523
128-170-449	00SE009T	1024-000 UNIT	04-014-524

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AP FIG 19 CAD 075 (CONT'D)										AP FIG 19 CAD 075 (CONT'D)										AP FIG 19 CAD 075 (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
.....J7										J7										J8									
	NC			1028-022	JACK/UNIT	(EBU)					NC			1028-022	JACK/UNIT	(EBU)					NC				1028-028	JACK/UNIT	(EBU)		
	NC			200							NC			510							928-158-015	GRD			415	GRD	1024-000 UNIT	04-028-415	ZF
	NC			201							NC			511							928-158-016	10SE203C			416	10SE203C	1024-000 UNIT	04-028-416	ZF
	NC			202							NC			512							928-158-017	10SE202T			417	10SE202T	1024-000 UNIT	04-028-417	ZF
	NC			203							NC			513	GRD	1024-000 UNIT	04-022-513	ZF				NC		418					
	NC			204						928-164-513	GRD			513	10SE106C	1024-000 UNIT	04-022-514	ZF			928-158-019	10SE215C			419	10SE215C	1024-000 UNIT	04-028-419	ZF
	NC			205						928-164-514	10SE105T			515	10SE105T	1024-000 UNIT	04-022-515	ZF			928-158-020	10SE214T			420	10SE214T	1024-000 UNIT	04-028-420	ZF
	NC			206						928-164-515	GRD			516	GRD	1024-000 UNIT	04-022-516	ZF				NC		421					
	NC			207						928-164-516	10SE102C			517	10SE102C	1024-000 UNIT	04-022-517	ZF			928-158-022	10SE211C			422	10SE211C	1024-000 UNIT	04-028-422	ZF
	NC			208						928-164-517	10SE101T			518	10SE101T	1024-000 UNIT	04-022-518	ZF			928-158-023	10SE210T			423	10SE210T	1024-000 UNIT	04-028-423	ZF
	NC			209						928-164-518	GRD			519	GRD	1024-000 UNIT	04-022-519	ZF				NC		424					
	NC			210						928-164-519	10SE114C			520	10SE114C	1024-000 UNIT	04-022-520	ZF				NC		500					
	NC			211						928-164-520	10SE113T			521	10SE113T	1024-000 UNIT	04-022-521	ZF				NC		501					
	NC			212						928-164-521	GRD			522	GRD	1024-000 UNIT	04-022-522	ZF				NC		502					
928-164-213	GRD			213	GRD	1024-000 UNIT	04-022-213	ZF		928-164-522	10SE110C			523	10SE110C	1024-000 UNIT	04-022-523	ZF				NC		503					
928-164-214	10SE105C			214	10SE105C	1024-000 UNIT	04-022-214	ZF		928-164-523	10SE109T			524	10SE109T	1024-000 UNIT	04-022-524	ZF				NC		504					
928-164-215	10SE104T			215	10SE104T	1024-000 UNIT	04-022-215	ZF														NC		505					
	NC			216																		NC		506					
928-164-217	10SE101C			217	10SE101C	1024-000 UNIT	04-022-217	ZF														NC		507					
928-164-218	10SE100T			218	10SE100T	1024-000 UNIT	04-022-218	ZF														NC		508					
	NC			219																		NC		509					
928-164-220	10SE113C			220	10SE113C	1024-000 UNIT	04-022-220	ZF														NC		510					
928-164-221	10SE112T			221	10SE112T	1024-000 UNIT	04-022-221	ZF														NC		511					
	NC			222																		NC		512					
928-164-223	10SE109C			223	10SE109C	1024-000 UNIT	04-022-223	ZF														NC		513	GRD	1024-000 UNIT	04-028-513	ZF	
928-164-224	10SE108T			224	10SE108T	1024-000 UNIT	04-022-224	ZF														NC		514	10SE206C	1024-000 UNIT	04-028-514	ZF	
	NC			300																		NC		515	10SE205T	1024-000 UNIT	04-028-515	ZF	
	NC			301																		NC		516	GRD	1024-000 UNIT	04-028-516	ZF	
	NC			302																		NC		517	10SE202C	1024-000 UNIT	04-028-517	ZF	
	NC			303																		NC		518	10SE201T	1024-000 UNIT	04-028-518	ZF	
	NC			304																		NC		519	GRD	1024-000 UNIT	04-028-519	ZF	
	NC			305																		NC		520	10SE214C	1024-000 UNIT	04-028-520	ZF	
	NC			306																		NC		521	10SE213T	1024-000 UNIT	04-028-521	ZF	
	NC			307																		NC		522	GRD	1024-000 UNIT	04-028-522	ZF	
	NC			308						928-158-013	GRD			213	GRD	1024-000 UNIT	04-028-213	ZF			928-158-014	10SE205C			214	10SE205C	1024-000 UNIT	04-028-214	ZF
	NC			309						928-158-014	10SE204T			215	10SE204T	1024-000 UNIT	04-028-215	ZF			928-158-015	10SE204T			216	10SE204T	1024-000 UNIT	04-028-216	ZF
	NC			310						928-158-015	NC			217	10SE201C	1024-000 UNIT	04-028-217	ZF				NC		218	10SE200T	1024-000 UNIT	04-028-218	ZF	
	NC			311										219	NC								NC		220	10SE213C	1024-000 UNIT	04-028-220	ZF
928-164-313	10SE107T			313	10SE107T	1024-000 UNIT	04-022-313	ZF		928-158-017	10SE201C			221	10SE212T	1024-000 UNIT	04-028-221	ZF			928-158-018	10SE213C			222	10SE212T	1024-000 UNIT	04-028-222	ZF
928-164-314	GRD			314	GRD	1024-000 UNIT	04-022-314	ZF		928-158-018	10SE200T			223	10SE209C	1024-000 UNIT	04-028-223	ZF				NC		224	10SE208T	1024-000 UNIT	04-028-224	ZF	
928-164-315	10SE104C			315	10SE104C	1024-000 UNIT	04-022-315	ZF						300	NC														

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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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE																				
J4 1028-014 JACK/UNIT (EBU)										J4 1028-014 (CONT'D) JACK/UNIT (EBU)										J5 1028-022 JACK/UNIT (EBU)										J5 1028-022 (CONT'D) JACK/UNIT (EBU)										J5 1028-022 (CONT'D) JACK/UNIT (EBU)																			
928-170-232	GRD			232	GRD	1024-000 UNIT	04-014-232	ZG		928-170-542	10EP018C			542	10EP018C	1024-000 UNIT	04-014-542	ZG		928-164-447	GRD			447	GRD	1024-000 UNIT	04-022-447	ZG		928-164-547	GRD			547	GRD	1024-000 UNIT	04-022-547	ZG																					
928-170-233	10EP029C			233	10EP029C	1024-000 UNIT	04-014-233	ZG		928-170-543	10EP017T			543	10EP017T	1024-000 UNIT	04-014-543	ZG		928-164-448	10EP111C			448	10EP111C	1024-000 UNIT	04-022-448	ZG		928-164-548	10EP113T			548	10EP113T	1024-000 UNIT	04-022-548	ZG																					
928-170-234	10EP028T			234	10EP028T	1024-000 UNIT	04-014-234	ZG		928-170-545	GRD			545	GRD	1024-000 UNIT	04-014-545	ZG		928-164-449	10EP110T			449	10EP110T	1024-000 UNIT	04-022-449	ZG		928-164-549	GRD			549	GRD	1024-000 UNIT	04-022-549	ZG																					
928-170-235	NC			235	NC					928-170-546	10EP014C			546	10EP014C	1024-000 UNIT	04-014-546	ZG		928-164-450	NC			450	NC					928-164-550	10EP110C			550	10EP110C	1024-000 UNIT	04-022-550	ZG																					
928-170-236	10EP025C			236	10EP025C	1024-000 UNIT	04-014-236	ZG		928-170-547	10EP013T			547	10EP013T	1024-000 UNIT	04-014-547	ZG		928-164-451	10EP107C			451	10EP107C	1024-000 UNIT	04-022-451	ZG		928-164-551	10EP106T			551	10EP106T	1024-000 UNIT	04-022-551	ZG																					
928-170-237	10EP024T			237	10EP024T	1024-000 UNIT	04-014-237	ZG		928-170-548	GRD			548	GRD	1024-000 UNIT	04-014-548	ZG		928-164-452	10EP106T			452	10EP106T	1024-000 UNIT	04-022-452	ZG		928-164-552	10EP106T			552	10EP106T	1024-000 UNIT	04-022-552	ZG																					
928-170-239	10EP021C			239	10EP021C	1024-000 UNIT	04-014-239	ZG		928-170-549	10EP010C			549	10EP010C	1024-000 UNIT	04-014-549	ZG		928-164-454	10EP103C			454	10EP103C	1024-000 UNIT	04-022-454	ZG		928-164-554	10EP103T			554	10EP103T	1024-000 UNIT	04-022-554	ZG																					
928-170-240	10EP020T			240	10EP020T	1024-000 UNIT	04-014-240	ZG		928-170-550	10EP009T			550	10EP009T	1024-000 UNIT	04-014-550	ZG		928-164-455	10EP102T			455	10EP102T	1024-000 UNIT	04-022-455	ZG		928-164-555	10EP102C			555	10EP102C	1024-000 UNIT	04-022-555	ZG																					
928-170-242	10EP017C			242	10EP017C	1024-000 UNIT	04-014-242	ZG		928-170-551	GRD			551	GRD	1024-000 UNIT	04-014-551	ZG		928-164-456	NC			456	NC					928-164-556	10EP101T			556	10EP101T	1024-000 UNIT	04-022-556	ZG																					
928-170-243	10EP016T			243	10EP016T	1024-000 UNIT	04-014-243	ZG		928-170-552	10EP006C			552	10EP006C	1024-000 UNIT	04-014-552	ZG		928-164-457	GRD			457	GRD	1024-000 UNIT	04-022-457	ZG		928-164-557	10EP125T			557	10EP125T	1024-000 UNIT	04-022-557	ZG																					
928-170-245	GRD			245	GRD	1024-000 UNIT	04-014-245	ZG		928-170-553	10EP005T			553	10EP005T	1024-000 UNIT	04-014-553	ZG		928-164-458	10EP129T			458	10EP129T	1024-000 UNIT	04-022-458	ZG		928-164-558	10EP129T			558	10EP129T	1024-000 UNIT	04-022-558	ZG																					
928-170-246	10EP013C			246	10EP013C	1024-000 UNIT	04-014-246	ZG		928-170-554	GRD			554	GRD	1024-000 UNIT	04-014-554	ZG		928-164-459	GRD			459	GRD	1024-000 UNIT	04-022-459	ZG		928-164-559	10EP126C			559	10EP126C	1024-000 UNIT	04-022-559	ZG																					
928-170-247	10EP012T			247	10EP012T	1024-000 UNIT	04-014-247	ZG		928-170-555	10EP003T			555	10EP003T	1024-000 UNIT	04-014-555	ZG		928-164-460	10EP126C			460	10EP126C	1024-000 UNIT	04-022-460	ZG		928-164-560	10EP126C			560	10EP126C	1024-000 UNIT	04-022-560	ZG																					
928-170-249	10EP009C			249	10EP009C	1024-000 UNIT	04-014-249	ZG		928-164-232	GRD			232	GRD	1024-000 UNIT	04-022-232	ZG		928-164-461	10EP125T			461	10EP125T	1024-000 UNIT	04-022-461	ZG		928-164-561	10EP125T			561	10EP125T	1024-000 UNIT	04-022-561	ZG																					
928-170-250	10EP008T			250	10EP008T	1024-000 UNIT	04-014-250	ZG		928-164-233	10EP129C			233	10EP129C	1024-000 UNIT	04-022-233	ZG		928-164-462	10EP128T			462	10EP128T	1024-000 UNIT	04-022-462	ZG		928-164-562	10EP128T			562	10EP128T	1024-000 UNIT	04-022-562	ZG																					
928-170-252	10EP005C			252	10EP005C	1024-000 UNIT	04-014-252	ZG		928-164-234	10EP128T			234	10EP128T	1024-000 UNIT	04-022-234	ZG		928-164-463	NC			463	NC					928-164-563	10EP128T			563	10EP128T	1024-000 UNIT	04-022-563	ZG																					
928-170-253	10EP004T			253	10EP004T	1024-000 UNIT	04-014-253	ZG		928-164-235	NC			235	NC					928-164-464	10EP124T			464	10EP124T	1024-000 UNIT	04-022-464	ZG		928-164-564	10EP124T			564	10EP124T	1024-000 UNIT	04-022-564	ZG																					
928-170-255	10EP001C			255	10EP001C	1024-000 UNIT	04-014-255	ZG		928-164-236	10EP125C			236	10EP125C	1024-000 UNIT	04-022-236	ZG		928-164-465	10EP124T			465	10EP124T	1024-000 UNIT	04-022-465	ZG		928-164-565	10EP124T			565	10EP124T	1024-000 UNIT	04-022-565	ZG																					
928-170-256	10EP000T			256	10EP000T	1024-000 UNIT	04-014-256	ZG		928-164-237	10EP124T			237	10EP124T	1024-000 UNIT	04-022-237	ZG		928-164-466	10EP124T			466	10EP124T	1024-000 UNIT	04-022-466	ZG		928-164-566	10EP124T			566	10EP124T	1024-000 UNIT	04-022-566	ZG																					
928-170-332	10EP031T			332	10EP031T	1024-000 UNIT	04-014-332	ZG		928-164-238	10EP124T			238	10EP124T	1024-000 UNIT	04-022-238	ZG		928-164-467	10EP124T			467	10EP124T	1024-000 UNIT	04-022-467	ZG		928-164-567	10EP124T			567	10EP124T	1024-000 UNIT	04-022-567	ZG																					
928-170-333	GRD			333	GRD	1024-000 UNIT	04-014-333	ZG		928-164-239	10EP121C			239	10EP121C	1024-000 UNIT	04-022-239	ZG		928-164-468	10EP121C			468	10EP121C	1024-000 UNIT	04-022-468	ZG		928-164-568	10EP121C			568	10EP121C	1024-000 UNIT	04-022-568	ZG																					
928-170-334	10EP028C			334	10EP028C	1024-000 UNIT	04-014-334	ZG		928-164-240	10EP120T			240	10EP120T	1024-000 UNIT	04-022-240	ZG		928-164-469	10EP121C			469	10EP121C	1024-000 UNIT	04-022-469	ZG		928-164-569	10EP121C			569	10EP121C	1024-000 UNIT	04-022-569	ZG																					
928-170-335	10EP027T			335	10EP027T	1024-000 UNIT	04-014-335	ZG		928-164-242	10EP117C			242	10EP117C	1024-000 UNIT	04-022-242	ZG		928-164-470	10EP121C			470	10EP121C	1024-000 UNIT	04-022-470	ZG		928-164-570	10EP121C																												

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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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J6										J6										J1										1128-006									
1028-028 JACK/UNIT (EBU)										1028-028 (CONT'D) JACK/UNIT (EBU)										1128-006 (CONT'D) JACK/UNIT (EBU)																			
928-158-232	GRD			232	GRD	1024-000 UNIT	04-028-232	ZG		928-158-542	10EP218C			542	10EP218C	1024-000 UNIT	04-028-542	ZG		1028-176-402				402					1028-176-402	10EMCADC			402	10EMCADC	1124-000 UNIT	04-006-402	ZJ		
928-158-233	10EP229C			233	10EP229C	1024-000 UNIT	04-028-233	ZG		928-158-543	10EP217T			543	10EP217T	1024-000 UNIT	04-028-543	ZG		1028-176-403	10EMCADC			403	10EMCADC	1124-000 UNIT	04-006-403	ZJ		1028-176-403	10EMCADC			403	10EMCADC	1124-000 UNIT	04-006-403	ZJ	
928-158-234	10EP228T			234	10EP228T	1024-000 UNIT	04-028-234	ZG						544						1028-176-404	10EMCADT			404	10EMCADT	1124-000 UNIT	04-006-404	ZJ		1028-176-404	10EMCADT			404	10EMCADT	1124-000 UNIT	04-006-404	ZJ	
	NC			235						928-158-545	GRD			545	GRD	1024-000 UNIT	04-028-545	ZG						405					1028-176-405	10STER0C			405	10STER0C	1124-000 UNIT	04-006-405	ZJ		
928-158-236	10EP225C			236	10EP225C	1024-000 UNIT	04-028-236	ZG		928-158-546	10EP214C			546	10EP214C	1024-000 UNIT	04-028-546	ZG		1028-176-406	10STER0C			406	10STER0C	1124-000 UNIT	04-006-406	ZJ		1028-176-406	10STER0C			406	10STER0C	1124-000 UNIT	04-006-406	ZJ	
928-158-237	10EP224T			237	10EP224T	1024-000 UNIT	04-028-237	ZG		928-158-547	10EP213T			547	10EP213T	1024-000 UNIT	04-028-547	ZG		1028-176-407	10STER0T			407	10STER0T	1124-000 UNIT	04-006-407	ZJ		1028-176-407	10STER0T			407	10STER0T	1124-000 UNIT	04-006-407	ZJ	
	NC			238						928-158-548	GRD			548	GRD	1024-000 UNIT	04-028-548	ZG						408					1028-176-408	10STER2C			408	10STER2C	1124-000 UNIT	04-006-408	ZJ		
928-158-239	10EP221C			239	10EP221C	1024-000 UNIT	04-028-239	ZG		928-158-549	10EP210C			549	10EP210C	1024-000 UNIT	04-028-549	ZG		1028-176-409	10STER2C			409	10STER2C	1124-000 UNIT	04-006-409	ZJ		1028-176-409	10STER2C			409	10STER2C	1124-000 UNIT	04-006-409	ZJ	
928-158-240	10EP220T			240	10EP220T	1024-000 UNIT	04-028-240	ZG		928-158-550	10EP209T			550	10EP209T	1024-000 UNIT	04-028-550	ZG		1028-176-410	10STER2C			410	10STER2C	1124-000 UNIT	04-006-410	ZJ		1028-176-410	10STER2C			410	10STER2C	1124-000 UNIT	04-006-410	ZJ	
	NC			241						928-158-551	GRD			551	GRD	1024-000 UNIT	04-028-551	ZG						411					1028-176-411	10STER4C			411	10STER4C	1124-000 UNIT	04-006-411	ZJ		
928-158-242	10EP217C			242	10EP217C	1024-000 UNIT	04-028-242	ZG		928-158-552	10EP206C			552	10EP206C	1024-000 UNIT	04-028-552	ZG		1028-176-413	10STER4C			413	10STER4C	1124-000 UNIT	04-006-413	ZJ		1028-176-413	10STER4C			413	10STER4C	1124-000 UNIT	04-006-413	ZJ	
928-158-243	10EP216T			243	10EP216T	1024-000 UNIT	04-028-243	ZG		928-158-553	10EP205T			553	10EP205T	1024-000 UNIT	04-028-553	ZG		1028-176-414	10STER4C			414	10STER4C	1124-000 UNIT	04-006-414	ZJ		1028-176-414	10STER4C			414	10STER4C	1124-000 UNIT	04-006-414	ZJ	
	NC			244						928-158-554	GRD			554	GRD	1024-000 UNIT	04-028-554	ZG		1028-176-415	10STER4C			415	10STER4C	1124-000 UNIT	04-006-415	ZJ		1028-176-415	10STER4C			415	10STER4C	1124-000 UNIT	04-006-415	ZJ	
928-158-245	GRD			245	GRD	1024-000 UNIT	04-028-245	ZG		928-158-555	10EP202C			555	10EP202C	1024-000 UNIT	04-028-555	ZG		1028-176-416	10ELSY4C			416	10ELSY4C	1124-000 UNIT	04-006-416	ZJ		1028-176-416	10ELSY4C			416	10ELSY4C	1124-000 UNIT	04-006-416	ZJ	
928-158-246	10EP213C			246	10EP213C	1024-000 UNIT	04-028-246	ZG		928-158-556	10EP201T			556	10EP201T	1024-000 UNIT	04-028-556	ZG		1028-176-417	10ELSY4C			417	10ELSY4C	1124-000 UNIT	04-006-417	ZJ		1028-176-417	10ELSY4C			417	10ELSY4C	1124-000 UNIT	04-006-417	ZJ	
928-158-247	10EP212T			247	10EP212T	1024-000 UNIT	04-028-247	ZG												1028-176-418	10ELSY4C			418	10ELSY4C	1124-000 UNIT	04-006-418	ZJ		1028-176-418	10ELSY4C			418	10ELSY4C	1124-000 UNIT	04-006-418	ZJ	
	NC			248																1028-176-419	10ELSY4C			419	10ELSY4C	1124-000 UNIT	04-006-419	ZJ		1028-176-419	10ELSY4C			419	10ELSY4C	1124-000 UNIT	04-006-419	ZJ	
928-158-249	10EP209C			249	10EP209C	1024-000 UNIT	04-028-249	ZG												1028-176-420	10ELSY4C			420	10ELSY4C	1124-000 UNIT	04-006-420	ZJ		1028-176-420	10ELSY4C			420	10ELSY4C	1124-000 UNIT	04-006-420	ZJ	
928-158-250	10EP208T			250	10EP208T	1024-000 UNIT	04-028-250	ZG												1028-176-421	10ELSY4C			421	10ELSY4C	1124-000 UNIT	04-006-421	ZJ		1028-176-421	10ELSY4C			421	10ELSY4C	1124-000 UNIT	04-006-421	ZJ	
	NC			251																1028-176-422	10ELSY4C			422	10ELSY4C	1124-000 UNIT	04-006-422	ZJ		1028-176-422	10ELSY4C			422	10ELSY4C	1124-000 UNIT	04-006-422	ZJ	
928-158-252	10EP205C			252	10EP205C	1024-000 UNIT	04-028-252	ZG												1028-176-423	10ELSY4C			423	10ELSY4C	1124-000 UNIT	04-006-423	ZJ		1028-176-423	10ELSY4C			423	10ELSY4C	1124-000 UNIT	04-006-423	ZJ	
928-158-253	10EP204T			253	10EP204T	1024-000 UNIT	04-028-253	ZG																424															
	NC			254																1028-176-500	10EMXM2C			500	10EMXM2C	1124-000 UNIT	04-006-500	ZJ		1028-176-500	10EMXM2C			500	10EMXM2C	1124-000 UNIT	04-006-500	ZJ	
928-158-255	10EP201C			255	10EP201C	1024-000 UNIT	04-028-255	ZG												1028-176-501	10EMXM2C			501	10EMXM2C	1124-000 UNIT	04-006-501	ZJ		1028-176-501	10EMXM2C			501	10EMXM2C	1124-000 UNIT	04-006-501	ZJ	
928-158-256	10EP200T			256	10EP200T	1024-000 UNIT	04-028-256	ZG												1028-176-502	10EMXM1T			502	10EMXM1T	1124-000 UNIT	04-006-502	ZJ		1028-176-502	10EMXM1T			502	10EMXM1T	1124-000 UNIT	04-006-502	ZJ	
928-158-332	10EP231T			332	10EP231T	1024-000 UNIT	04-028-332	ZG												1028-176-503	10EMXM1T			503	10EMXM1T	1124-000 UNIT	04-006-503	ZJ		1028-176-503	10EMXM1T			503	10EMXM1T	1124-000 UNIT	04-006-503	ZJ	
928-158-333	GRD			333	GRD	1024-000 UNIT	04-028-333	ZG												1028-176-504	10EMXM1T			504	10EMXM1T	1124-000 UNIT	04-006-0												

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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	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										
J4										J4										J5										J5										J5										J5									
1128-014										1128-014 (CONT'D)										1128-022										1128-022 (CONT'D)										1128-022 (CONT'D)										1128-022 (CONT'D)									
1028-170-232	GRD			232	GRD	1124-000 UNIT	04-014-232	ZJ		1028-170-542	10EP018C			542	10EP018C	1124-000 UNIT	04-014-542	ZJ		1028-164-447	GRD			447	GRD	1124-000 UNIT	04-022-447	ZJ		1028-164-447	GRD			447	GRD	1124-000 UNIT	04-022-447	ZJ		1028-164-447	GRD			447	GRD	1124-000 UNIT	04-022-447	ZJ		1028-164-447	GRD			447	GRD	1124-000 UNIT	04-022-447	ZJ	
1028-170-233	10EP029C			233	10EP029C	1124-000 UNIT	04-014-233	ZJ		1028-170-543	10EP017T			543	10EP017T	1124-000 UNIT	04-014-543	ZJ		1028-164-448	10EP111C			448	10EP111C	1124-000 UNIT	04-022-448	ZJ		1028-164-448	10EP111C			448	10EP111C	1124-000 UNIT	04-022-448	ZJ		1028-164-448	10EP111C			448	10EP111C	1124-000 UNIT	04-022-448	ZJ		1028-164-448	10EP111C			448	10EP111C	1124-000 UNIT	04-022-448	ZJ	
1028-170-234	10EP028T			234	10EP028T	1124-000 UNIT	04-014-234	ZJ												1028-164-449	10EP110T			449	10EP110T	1124-000 UNIT	04-022-449	ZJ		1028-164-449	10EP110T			449	10EP110T	1124-000 UNIT	04-022-449	ZJ		1028-164-449	10EP110T			449	10EP110T	1124-000 UNIT	04-022-449	ZJ		1028-164-449	10EP110T			449	10EP110T	1124-000 UNIT	04-022-449	ZJ	
1028-170-235	NC			235	NC															1028-164-450	NC			450	NC					1028-164-450	NC			450	NC					1028-164-450	NC			450	NC					1028-164-450	NC			450	NC				
1028-170-236	10EP025C			236	10EP025C	1124-000 UNIT	04-014-236	ZJ		1028-170-545	GRD			545	GRD	1124-000 UNIT	04-014-545	ZJ		1028-164-451	10EP107C			451	10EP107C	1124-000 UNIT	04-022-451	ZJ		1028-164-451	10EP107C			451	10EP107C	1124-000 UNIT	04-022-451	ZJ		1028-164-451	10EP107C			451	10EP107C	1124-000 UNIT	04-022-451	ZJ		1028-164-451	10EP107C			451	10EP107C	1124-000 UNIT	04-022-451	ZJ	
1028-170-237	10EP024T			237	10EP024T	1124-000 UNIT	04-014-237	ZJ		1028-170-546	10EP014C			546	10EP014C	1124-000 UNIT	04-014-546	ZJ		1028-164-452	10EP106T			452	10EP106T	1124-000 UNIT	04-022-452	ZJ		1028-164-452	10EP106T			452	10EP106T	1124-000 UNIT	04-022-452	ZJ		1028-164-452	10EP106T			452	10EP106T	1124-000 UNIT	04-022-452	ZJ		1028-164-452	10EP106T			452	10EP106T	1124-000 UNIT	04-022-452	ZJ	
1028-170-238	NC			238	NC					1028-170-547	10EP013T			547	10EP013T	1124-000 UNIT	04-014-547	ZJ		1028-164-453	NC			453	NC					1028-164-453	NC			453	NC					1028-164-453	NC			453	NC					1028-164-453	NC			453	NC				
1028-170-239	10EP021C			239	10EP021C	1124-000 UNIT	04-014-239	ZJ		1028-170-548	GRD			548	GRD	1124-000 UNIT	04-014-548	ZJ		1028-164-454	10EP103C			454	10EP103C	1124-000 UNIT	04-022-454	ZJ		1028-164-454	10EP103C			454	10EP103C	1124-000 UNIT	04-022-454	ZJ		1028-164-454	10EP103C			454	10EP103C	1124-000 UNIT	04-022-454	ZJ		1028-164-454	10EP103C			454	10EP103C	1124-000 UNIT	04-022-454	ZJ	
1028-170-240	10EP020T			240	10EP020T	1124-000 UNIT	04-014-240	ZJ		1028-170-549	10EP010C			549	10EP010C	1124-000 UNIT	04-014-549	ZJ		1028-164-455	10EP102T			455	10EP102T	1124-000 UNIT	04-022-455	ZJ		1028-164-455	10EP102T			455	10EP102T	1124-000 UNIT	04-022-455	ZJ		1028-164-455	10EP102T			455	10EP102T	1124-000 UNIT	04-022-455	ZJ		1028-164-455	10EP102T			455	10EP102T	1124-000 UNIT	04-022-455	ZJ	
1028-170-241	NC			241	NC					1028-170-550	10EP009T			550	10EP009T	1124-000 UNIT	04-014-550	ZJ		1028-164-456	NC			456	NC					1028-164-456	NC			456	NC					1028-164-456	NC			456	NC					1028-164-456	NC			456	NC				
1028-170-242	10EP017C			242	10EP017C	1124-000 UNIT	04-014-242	ZJ		1028-170-551	GRD			551	GRD	1124-000 UNIT	04-014-551	ZJ		1028-164-457	GRD			457	GRD	1124-000 UNIT	04-022-457	ZJ		1028-164-457	GRD			457	GRD	1124-000 UNIT	04-022-457	ZJ		1028-164-457	GRD			457	GRD	1124-000 UNIT	04-022-457	ZJ		1028-164-457	GRD			457	GRD	1124-000 UNIT	04-022-457	ZJ	
1028-170-243	10EP016T			243	10EP016T	1124-000 UNIT	04-014-243	ZJ		1028-170-552	10EP006C			552	10EP006C	1124-000 UNIT	04-014-552	ZJ		1028-164-458	10EP130C			458	10EP130C	1124-000 UNIT	04-022-458	ZJ		1028-164-458	10EP130C			458	10EP130C	1124-000 UNIT	04-022-458	ZJ		1028-164-458	10EP130C			458	10EP130C	1124-000 UNIT	04-022-458	ZJ		1028-164-458	10EP130C			458	10EP130C	1124-000 UNIT	04-022-458	ZJ	
1028-170-244	NC			244	NC					1028-170-553	10EP005T			553	10EP005T	1124-000 UNIT	04-014-553	ZJ		1028-164-459	10EP129T			459	10EP129T	1124-000 UNIT	04-022-459	ZJ		1028-164-459	10EP129T			459	10EP129T	1124-000 UNIT	04-022-459	ZJ		1028-164-459	10EP129T			459	10EP129T	1124-000 UNIT	04-022-459	ZJ		1028-164-459	10EP129T			459	10EP129T	1124-000 UNIT	04-022-459	ZJ	
1028-170-245	GRD			245	GRD	1124-000 UNIT	04-014-245	ZJ		1028-170-554	GRD			554	GRD	1124-000 UNIT	04-014-554	ZJ		1028-164-460	GRD			460	GRD	1124-000 UNIT	04-022-460	ZJ		1028-164-460	GRD			460	GRD	1124-000 UNIT	04-022-460	ZJ		1028-164-460	GRD			460	GRD	1124-000 UNIT	04-022-460	ZJ		1028-164-460	GRD			460	GRD	1124-000 UNIT	04-022-460	ZJ	
1028-170-246	10EP013C			246	10EP013C	1124-000 UNIT	04-014-246	ZJ		1028-170-555	10EP002C			555	10EP002C	1124-000 UNIT	04-014-555	ZJ		1028-164-461	10EP128T			461	10EP128T	1124-000 UNIT	04-022-461	ZJ		1028-164-461	10EP128T			461	10EP128T	1124-000 UNIT	04-022-461	ZJ		1028-164-461	10EP128T			461	10EP128T	1124-000 UNIT	04-022-461	ZJ		1028-164-461	10EP128T			461	10EP128T	1124-000 UNIT	04-022-461	ZJ	
1028-170-247	10EP012T			247	10EP012T	1124-000 UNIT	04-014-247	ZJ		1028-170-556	10EP001T			556	10EP001T	1124-000 UNIT	04-014-556	ZJ		1028-164-462	NC			462	NC					1028-164-462	NC			462	NC					1028-164-462	NC			462	NC					1028-164-462	NC			462	NC				
1028-170-248	NC			248	NC															1028-164-463	10EP126C			463	10EP126C	1124-000 UNIT	04-022-463	ZJ		1028-164-463	10EP126C			463	10EP126C	1124-000 UNIT	04-022-463	ZJ		1028-164-463	10EP126C			463	10EP126C	1124-000 UNIT	04-022-463	ZJ		1028-164-463	10EP126C			463	10EP126C	1124-000 UNIT	04-022-463	ZJ	
1028-170-249	10EP009C			249	10EP009C	1124-000 UNIT	04-014-249	ZJ		1028-164-464	10EP125T			464	10EP125T	1124-000 UNIT	04-022-464-																																										

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	C2	3B
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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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J2										J2										J7										J7									
345-176										345-176 (CONT'D)										345-164 (CONT'D)										345-164 (CONT'D)									
445-006-232	GRD			232	GRD	341-000 UNIT	04-176-232	ZE		445-006-542	DEEC0ATC			542	DEEC0ATC	341-000 UNIT	04-176-542	ZE		445-036-015	GRD			415	GRD	341-000 UNIT	04-164-415	ZE		445-036-015	GRD			415	GRD	341-000 UNIT	04-164-415	ZE	
445-006-233	DESTER1C			233	DESTER1C	341-000 UNIT	04-176-233	ZE		445-006-543	DE1C01			543	DE1C01	341-000 UNIT	04-176-543	ZE		445-036-016	DESE003C			416	DESE003C	341-000 UNIT	04-164-416	ZE		445-036-016	DESE003C			416	DESE003C	341-000 UNIT	04-164-416	ZE	
445-006-234	DESTD01T			234	DESTD01T	341-000 UNIT	04-176-234	ZE						544						445-036-017	DESE002T			417	DESE002T	341-000 UNIT	04-164-417	ZE		445-036-017	DESE002T			417	DESE002T	341-000 UNIT	04-164-417	ZE	
	NC			235						445-006-545	GRD			545	GRD	341-000 UNIT	04-176-545	ZE						418															
445-006-236	DESTER3C			236	DESTER3C	341-000 UNIT	04-176-236	ZE		445-006-546	DEEK652C			546	DEEK652C	341-000 UNIT	04-176-546	ZE		445-036-019	DESE015C			419	DESE015C	341-000 UNIT	04-164-419	ZE		445-036-019	DESE015C			419	DESE015C	341-000 UNIT	04-164-419	ZE	
445-006-237	DESTD03T			237	DESTD03T	341-000 UNIT	04-176-237	ZE		445-006-547	DEEKSY3T			547	DEEKSY3T	341-000 UNIT	04-176-547	ZE		445-036-020	DESE014T			420	DESE014T	341-000 UNIT	04-164-420	ZE		445-036-020	DESE014T			420	DESE014T	341-000 UNIT	04-164-420	ZE	
	NC			238						445-006-548	GRD			548	GRD	341-000 UNIT	04-176-548	ZE						421															
445-006-239	DEEXM1C			239	DEEXM1C	341-000 UNIT	04-176-239	ZE		445-006-549	DEEK654C			549	DEEK654C	341-000 UNIT	04-176-549	ZE		445-036-022	DESE011C			422	DESE011C	341-000 UNIT	04-164-422	ZE		445-036-022	DESE011C			422	DESE011C	341-000 UNIT	04-164-422	ZE	
445-006-240	DEEXM0T			240	DEEXM0T	341-000 UNIT	04-176-240	ZE		445-006-550	DE1DG1			550	DE1DG1	341-000 UNIT	04-176-550	ZE		445-036-023	DESE010T			423	DESE010T	341-000 UNIT	04-164-423	ZE		445-036-023	DESE010T			423	DESE010T	341-000 UNIT	04-164-423	ZE	
	NC			241										551										424															
445-006-242	DE1C00			242	DE1C00	341-000 UNIT	04-176-242	ZE		445-006-551	GRD			551	GRD	341-000 UNIT	04-176-551	ZE						425															
445-006-243	DE1CP1			243	DE1CP1	341-000 UNIT	04-176-243	ZE		445-006-552	DESTD04C			552	DESTD04C	341-000 UNIT	04-176-552	ZE						426															
	NC			244						445-006-553	DESTER5T			553	DESTER5T	341-000 UNIT	04-176-553	ZE						427															
445-006-245	GRD			245	GRD	341-000 UNIT	04-176-245	ZE		445-006-554	GRD			554	GRD	341-000 UNIT	04-176-554	ZE						428															
445-006-246	DEEKSY3C			246	DEEKSY3C	341-000 UNIT	04-176-246	ZE		445-006-555	DEEK650C			555	DEEK650C	341-000 UNIT	04-176-555	ZE						429															
445-006-247	DEEK653T			247	DEEK653T	341-000 UNIT	04-176-247	ZE		445-006-556	DEEKSY1T			556	DEEKSY1T	341-000 UNIT	04-176-556	ZE						430															
	NC			248																				431															
445-006-249	DE1DG0			249	DE1DG0	341-000 UNIT	04-176-249	ZE																432															
445-006-250	DE1DH1			250	DE1DH1	341-000 UNIT	04-176-250	ZE																433															
	NC			251																				434															
445-006-252	DESTER5C			252	DESTER5C	341-000 UNIT	04-176-252	ZE																435															
445-006-253	DESTD05T			253	DESTD05T	341-000 UNIT	04-176-253	ZE																436															
	NC			254																				437															
445-006-255	DEEKSY1C			255	DEEKSY1C	341-000 UNIT	04-176-255	ZE																438															
445-006-256	DEEK651T			256	DEEK651T	341-000 UNIT	04-176-256	ZE																439															
445-006-332	DESTER0T			332	DESTER0T	341-000 UNIT	04-176-332	ZE																440															
445-006-333	GRD			333	GRD	341-000 UNIT	04-176-333	ZE																441															
445-006-334	DESTD1C			334	DESTD1C	341-000 UNIT	04-176-334	ZE																442															
445-006-335	DESTER2T			335	DESTER2T	341-000 UNIT	04-176-335	ZE																443															
445-006-336	GRD			336	GRD	341-000 UNIT	04-176-336	ZE																444															
445-006-337	DESTD03C			337	DESTD03C	341-000 UNIT	04-176-337	ZE																445															
445-006-338	DEEXM3T			338	DEEXM3T	341-000 UNIT	04-176-338	ZE																446															
445-006-339	GRD			339	GRD	341-000 UNIT	04-176-339	ZE																447															
445-006-340	DEEXM0C			340	DEEXM0C	341-000 UNIT	04-176-340	ZE		445-034-013	GRD			213	GRD	341-000 UNIT	04-164-213	ZE						448															
445-006-341	DEECADDT			341	DEECADDT	341-000 UNIT	04-176-341	ZE		445-034-014	DESE005C			214	DESE005C	341-000 UNIT	04-164-214	ZE						449															
445-006-342	GRD			342	GRD	341-000 UNIT																																	

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—TO CONNECTION—

FROM CONNECTION

3.2. Solution

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC		DWG SIZE	ISSUE
		C2	3B
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TO CONNECTION		FROM CONNECTION	
DESTINATION	LEAD DESIG	TERMINAL	LEAD DESIG
445-022-232	GRD	232	GRD
445-022-233	DEEP129C	233	DEEP129C
445-022-234	DEEP128T	234	DEEP128T
445-022-236	NC	235	NC
445-022-237	DEEP125C	236	DEEP125C
445-022-239	DEEP124T	237	DEEP124T
445-022-240	NC	238	NC
445-022-242	DEEP117C	239	DEEP121C
445-022-243	DEEP116T	240	DEEP120T
445-022-245	NC	241	NC
445-022-246	GRD	242	DEEP117C
445-022-247	DEEP113C	243	DEEP116T
445-022-249	DEEP112T	244	NC
445-022-250	DEEP109C	245	GRD
445-022-252	DEEP108T	246	DEEP113C
445-022-253	NC	247	DEEP112T
445-022-255	DEEP105C	248	NC
445-022-256	DEEP104T	249	DEEP109C
445-022-258	NC	250	DEEP108T
445-022-259	DEEP101C	251	NC
445-022-260	DEEP100T	252	DEEP105C
445-022-262	DEEP131T	253	DEEP104T
445-022-263	GRD	254	NC
445-022-264	DEEP128C	255	DEEP101C
445-022-265	DEEP127T	256	DEEP100T
445-022-266	GRD	332	DEEP131T
445-022-267	DEEP124C	333	GRD
445-022-268	DEEP123T	334	DEEP128C
445-022-269	GRD	335	DEEP127T
445-022-270	DEEP120C	336	GRD
445-022-271	DEEP119T	337	DEEP124C
445-022-272	GRD	338	DEEP123T
445-022-273	DEEP116C	339	GRD
445-022-274	DEEP115T	340	DEEP120C
445-022-275	GRD	341	DEEP119T
445-022-276	DEEP112C	342	GRD
445-022-277	DEEP111T	343	DEEP116C
445-022-278	GRD	344	NC
445-022-279	DEEP108C	345	DEEP115T
445-022-280	DEEP107T	346	GRD
445-022-281	DEEP104C	347	DEEP112C
445-022-282	DEEP103T	348	DEEP111T
445-022-283	GRD	349	GRD
445-022-284	DEEP100C	350	DEEP108C
445-022-285	DEEP131C	351	DEEP107T
445-022-286	DEEP130T	352	GRD
445-022-287	GRD	353	DEEP104C
445-022-288	DEEP127C	354	DEEP103T
445-022-289	DEEP126T	355	GRD
445-022-290	NC	356	DEEP100C
445-022-291	DEEP123C	432	DEEP131C
445-022-292	DEEP122T	433	DEEP130T
445-022-293	NC	434	GRD
445-022-294	DEEP119C	435	DEEP127C
445-022-295	DEEP118T	436	DEEP126T
445-022-296	NC	437	NC
445-022-297	DEEP115C	438	DEEP123C
445-022-298	DEEP114T	439	DEEP122T
445-022-299	GRD	440	NC
445-022-300	DEEP111C	441	DEEP119C
445-022-301	DEEP110T	442	DEEP118T
445-022-302	NC	443	NC
445-022-303	DEEP107C	444	NC
445-022-304	DEEP106T	445	DEEP115C
445-022-305	NC	446	DEEP114T
445-022-306	DEEP103C	447	GRD
445-022-307	DEEP102T	448	DEEP111C
445-022-308	NC	449	DEEP110T
445-022-309	GRD	450	NC
445-022-310	DEEP130C	451	DEEP107C
445-022-311	DEEP129T	452	DEEP106T
445-022-312	GRD	453	NC
445-022-313	DEEP126C	454	DEEP103C
445-022-314	DEEP125T	455	DEEP102T
445-022-315	GRD	456	NC
445-022-316	DEEP122C	532	GRD
445-022-317	DEEP121T	533	DEEP130C
445-022-318	GRD	534	DEEP129T
445-022-319	DEEP118C	535	GRD
445-022-320	DEEP117T	536	DEEP126C
445-022-321	NC	537	DEEP125T
445-022-322	DEEP114C	538	GRD
445-022-323	DEEP113T	539	DEEP122C
445-022-324	GRD	540	DEEP121T
445-022-325	DEEP110C	541	GRD
445-022-326	DEEP109T	542	DEEP118C
445-022-327	GRD	543	DEEP117T
445-022-328	DEEP106C	544	NC
445-022-329	DEEP105T	545	GRD
445-022-330	DEEP104C	546	DEEP124C
445-022-331	DEEP103T	547	DEEP123T
445-022-332	GRD	548	GRD
445-022-333	DEEP102C	549	DEEP121C
445-022-334	DEEP101T	550	DEEP120T
445-022-335	NC	551	NC
445-022-336	GRD	552	DEEP117C
445-022-337	DEEP229C	553	DEEP116T
445-022-338	DEEP228T	554	NC
445-022-339	DEEP225C	555	GRD
445-022-340	DEEP224T	556	DEEP209C
445-022-341	NC	557	DEEP208T
445-022-342	DEEP221C	558	NC
445-022-343	DEEP220T	559	DEEP205C
445-022-344	NC	560	DEEP204T
445-022-345	DEEP217C	561	NC
445-022-346	DEEP216T	562	DEEP201C
445-022-347	GRD	563	DEEP200T
445-022-348	DEEP213C	564	DEEP231T
445-022-349	DEEP212T	565	GRD
445-022-350	NC	566	DEEP228C
445-022-351	DEEP209C	567	DEEP227T
445-022-352	DEEP208T	568	GRD
445-022-353	NC	569	DEEP224C
445-022-354	DEEP205C	570	DEEP223T
445-022-355	DEEP204T	571	GRD
445-022-356	NC	572	DEEP220C
445-022-357	DEEP201C	573	DEEP219T
445-022-358	DEEP200T	574	GRD
445-022-359	DEEP231T	575	DEEP216C
445-022-360	GRD	576	NC
445-022-361	DEEP228C	577	DEEP215T
445-022-362	DEEP227T	578	GRD
445-022-363	GRD	579	DEEP212C
445-022-364	DEEP224C	580	DEEP211T
445-022-365	DEEP223T	581	GRD
445-022-366	GRD	582	DEEP208C
445-022-367	DEEP220C	583	DEEP207T
445-022-368	DEEP219T	584	GRD
445-022-369	GRD	585	DEEP204C
445-022-370	DEEP216C	586	DEEP203T
445-022-371	NC	587	GRD
445-022-372	DEEP215T	588	DEEP200C
445-022-373	GRD	589	DEEP231C
445-022-374	DEEP212C	590	DEEP230T
445-022-375	DEEP211T	591	GRD
445-022-376	GRD	592	DEEP227C
445-022-377	DEEP208C	593	DEEP226T
445-022-378	DEEP207T	594	NC
445-022-379	GRD	595	DEEP223C
445-022-380	DEEP204C	596	DEEP222T
445-022-381	DEEP203T	597	NC
445-022-382	GRD	598	DEEP219C
445-022-383	DEEP200C	599	DEEP218T
445-022-384	DEEP231C	600	NC
445-022-385	DEEP230T	601	NC
445-022-386	GRD	602	DEEP215C
445-022-387	DEEP227C	603	DEEP214T
445-022-388	DEEP226T	604	NC
445-022-389	NC	605	NC
445-022-390	DEEP223C	606	NC
445-022-391	DEEP222T	607	NC
445-022-392	NC	608	NC
445-022-393	DEEP219C	609	NC
445-022-394	DEEP218T	610	NC
445-022-395	NC	611	NC
445-022-396	DEEP215C	612	NC
445-022-397	DEEP214T	613	NC
445-022-398	NC	614	NC
445-022-399	NC	615	NC
445-022-400	NC	616	NC
445-022-401	NC	617	NC
445-022-402	NC	618	NC
445-022-403	NC	619	NC
445-022-404	NC	620	NC
445-022-405	NC	621	NC
445-022-406	NC	622	NC
445-022-407	NC	623	NC
445-022-408	NC	624	NC
445-022-409	NC	625	NC
445-022-410	NC	626	NC
445-022-411	NC	627	NC
445-022-412	NC	628	NC
445-022-413	NC	629	NC
445-022-414	NC	630	NC
445-022-415	NC	631	NC
445-022-416	NC	632	NC
445-022-417	NC	633	NC
445-022-418	NC	634	NC
445-022-419	NC	635	NC
445-022-420	NC	636	NC
445-022-421	NC	637	NC
445-022-422	NC	638	NC
445-022-423	NC	639	NC
445-022-424	NC	640	NC
445-022-425	NC	641	NC
445-022-426	NC	642	NC
445-022-427	NC	643	NC
445-022-428	NC	644	NC
445-022-429	NC	645	NC
445-022-430	NC	646	NC
445-022-431	NC	647	NC
445-022-432	NC	648	NC
445-022-433	NC	649	NC
445-022-434	NC	650	NC
445-022-435	NC	651	NC
445-022-436	NC	652	NC
445-022-437	NC	653	NC
445-022-438	NC	654	NC
445-022-439	NC	655	NC
445-022-440	NC	656	NC
445-022-441	NC	657	NC
445-022-442	NC	658	NC
445-022-443	NC	659	NC
445-022-444	NC	660	NC
445-022-445	NC	661	NC
445-022-446	NC	662	NC
445-022-447	NC	663	NC
445-022-448	NC	664	NC
445-022-449	NC	665	NC
445-022-450	NC	666	NC
445-022-451	NC	667	NC
445-022-452	NC	668	NC
445-022-453	NC	669	NC
445-022-454	NC	670	NC
445-022-455	NC	671	NC
445-022-456	NC	672	NC
445-022-457	NC	673	NC
445-022-458	NC	674	NC
445-022-459	NC	675	NC
445-022-460	NC	676	NC
445-022-461	NC	677	NC
445-022-462	NC	678	NC
445-022-463	NC	679	NC
445-022-464	NC	680	NC
445-022-465	NC	681	NC
445-022-466	NC	682	NC
445-022-467	NC	683	NC
445-022-468	NC	684	NC
445-022-469	NC	685	NC
445-022-470	NC	686	NC
445-022-471	NC	687	NC
445-022-472	NC	688	NC
445-022-473	NC	689	NC
445-022-474	NC	690	NC
445-022-475	NC	691	NC
445-022-476	NC	692	NC
445-022-477	NC	693	NC
445-022-478	NC	694	NC
445-022-479	NC	695	NC
445-022-480	NC	696	NC
445-022-481	NC	697	NC
445-022-482	NC	698	NC
445-022-483	NC	699	NC
445-022-484	NC	700	NC
445-022-485	NC	701	NC
445-022-486	NC	702	NC
445-022-487	NC	703	NC
445-022-488	NC	704	NC
445-022-489	NC	705	NC
445-022-490	NC	706	NC
445-022-491	NC	707	NC
445-022-492	NC	708	NC
445-022-493	NC	709	NC
445-022-494	NC	710	NC
445-022-495	NC	711	NC
445-022-496	NC	712	NC
445-022-497	NC	713	NC
445-022-498	NC	714	NC
445-022-499	NC	715	NC
445-022-500	NC	716	NC
445-022-501	NC	717	NC
445-022-502	NC	718	NC
445-022-503	NC	719	NC
445-022-504	NC	720	NC
445-022-505	NC	721	NC
445-022-506	NC	722	NC
445-022-507	NC	723	NC
445-022-508	NC	724	NC
445-022-509	NC	725	NC
445-022-510	NC	726	NC
445-022-511	NC	727	NC
445-022-512	NC	728	NC
445-022-513	NC	729	NC
445-022-514	NC	730	NC
445-022-515	NC	731	NC
445-022-516	NC	732	NC
445-022-517	NC	733	NC
445-022-518	NC	734	NC
445-022-519			

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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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J7										J7										J4										J4									
345-164 JACK/UNIT (EBU).....										345-164 (CONT'D) JACK/UNIT (EBU).....										345-170 (CONT'D) JACK/UNIT (EBU).....										345-170 (CONT'D) JACK/UNIT (EBU).....									
NC				200						NC				510						445-014-447	GRD			447	GRD	341-000	UNIT	04-170-447	ZF			447	GRD	341-000	UNIT	04-170-447	ZF		
NC				201						NC				511						445-014-448	DEEP011C			448	DEEP011C	341-000	UNIT	04-170-448	ZF			448	DEEP011C	341-000	UNIT	04-170-448	ZF		
NC				202						NC				512						445-014-449	DEEP010T			449	DEEP010T	341-000	UNIT	04-170-449	ZF			449	DEEP010T	341-000	UNIT	04-170-449	ZF		
NC				203						445-022-513	GRD			513	GRD	341-000	UNIT	04-164-513	ZF		NC			450	NC					450	NC								
NC				204						445-022-514	DESE006C			514	DESE006C	341-000	UNIT	04-164-514	ZF		445-014-451	DEEP007C			451	DEEP007C	341-000	UNIT	04-170-451	ZF			451	DEEP007C	341-000	UNIT	04-170-451	ZF	
NC				205						445-022-515	DESE005T			515	DESE005T	341-000	UNIT	04-164-515	ZF		445-014-452	DEEP006T			452	DEEP006T	341-000	UNIT	04-170-452	ZF			452	DEEP006T	341-000	UNIT	04-170-452	ZF	
NC				206						445-022-516	GRD			516	GRD	341-000	UNIT	04-164-516	ZF		NC			453	NC					453	NC								
NC				207						445-022-517	DESE002C			517	DESE002C	341-000	UNIT	04-164-517	ZF		445-014-454	DEEP003C			454	DEEP003C	341-000	UNIT	04-170-454	ZF			454	DEEP003C	341-000	UNIT	04-170-454	ZF	
NC				208						445-022-518	DESE001T			518	DESE001T	341-000	UNIT	04-164-518	ZF		445-014-455	DEEP002T			455	DEEP002T	341-000	UNIT	04-170-455	ZF			455	DEEP002T	341-000	UNIT	04-170-455	ZF	
NC				209						445-022-519	GRD			519	GRD	341-000	UNIT	04-164-519	ZF		NC			456	NC					456	NC								
NC				210						445-022-520	DESE014C			520	DESE014C	341-000	UNIT	04-164-520	ZF		445-014-532	GRD			532	GRD	341-000	UNIT	04-170-532	ZF			532	GRD	341-000	UNIT	04-170-532	ZF	
NC				211						445-022-521	DESE013T			521	DESE013T	341-000	UNIT	04-164-521	ZF		445-014-533	DEEP030C			533	DEEP030C	341-000	UNIT	04-170-533	ZF			533	DEEP030C	341-000	UNIT	04-170-533	ZF	
445-022-213	GRD			213	GRD	341-000	UNIT	04-164-213	ZF	445-022-522	GRD			522	GRD	341-000	UNIT	04-164-522	ZF		445-014-534	DEEP029T			534	DEEP029T	341-000	UNIT	04-170-534	ZF			534	DEEP029T	341-000	UNIT	04-170-534	ZF	
445-022-214	DESE005C			214	DESE005C	341-000	UNIT	04-164-214	ZF	445-022-523	DESE010C			523	DESE010C	341-000	UNIT	04-164-523	ZF		445-014-535	GRD			535	GRD	341-000	UNIT	04-170-535	ZF			535	GRD	341-000	UNIT	04-170-535	ZF	
445-022-215	DESE004T			215	DESE004T	341-000	UNIT	04-164-215	ZF	445-022-524	DESE009T			524	DESE009T	341-000	UNIT	04-164-524	ZF		445-014-536	DEEP026C			536	DEEP026C	341-000	UNIT	04-170-536	ZF			536	DEEP026C	341-000	UNIT	04-170-536	ZF	
NC				216																445-014-537	DEEP025T			537	DEEP025T	341-000	UNIT	04-170-537	ZF			537	DEEP025T	341-000	UNIT	04-170-537	ZF		
445-022-217	DESE001C			217	DESE001C	341-000	UNIT	04-164-217	ZF											445-014-538	GRD			538	GRD	341-000	UNIT	04-170-538	ZF			538	GRD	341-000	UNIT	04-170-538	ZF		
445-022-218	DESE000T			218	DESE000T	341-000	UNIT	04-164-218	ZF											445-014-539	DEEP022C			539	DEEP022C	341-000	UNIT	04-170-539	ZF			539	DEEP022C	341-000	UNIT	04-170-539	ZF		
NC				219																445-014-540	DEEP021T			540	DEEP021T	341-000	UNIT	04-170-540	ZF			540	DEEP021T	341-000	UNIT	04-170-540	ZF		
445-022-220	DESE013C			220	DESE013C	341-000	UNIT	04-164-220	ZF	445-014-232	GRD			232	GRD	341-000	UNIT	04-170-232	ZF		445-014-541	GRD			541	GRD	341-000	UNIT	04-170-541	ZF			541	GRD	341-000	UNIT	04-170-541	ZF	
445-022-221	DESE012T			221	DESE012T	341-000	UNIT	04-164-221	ZF	445-014-233	DEEP029C			233	DEEP029C	341-000	UNIT	04-170-233	ZF		445-014-542	DEEP018C			542	DEEP018C	341-000	UNIT	04-170-542	ZF			542	DEEP018C	341-000	UNIT	04-170-542	ZF	
NC				222						445-014-234	DEEP028T			234	DEEP028T	341-000	UNIT	04-170-234	ZF		445-014-543	DEEP017T			543	DEEP017T	341-000	UNIT	04-170-543	ZF			543	DEEP017T	341-000	UNIT	04-170-543	ZF	
445-022-223	DESE009C			223	DESE009C	341-000	UNIT	04-164-223	ZF	445-014-236	DEEP025C			236	DEEP025C	341-000	UNIT	04-170-236	ZF		NC			544	NC					544	NC								
445-022-224	DESE008T			224	DESE008T	341-000	UNIT	04-164-224	ZF	445-014-237	DEEP024T			237	DEEP024T	341-000	UNIT	04-170-237	ZF		445-014-545	GRD			545	GRD	341-000	UNIT	04-170-545	ZF			545	GRD	341-000	UNIT	04-170-545	ZF	
NC				300						445-014-239	DEEP021C			239	DEEP021C	341-000	UNIT	04-170-239	ZF		445-014-546	DEEP014C			546	DEEP014C	341-000	UNIT	04-170-546	ZF			546	DEEP014C	341-000	UNIT	04-170-546	ZF	
NC				301						445-014-240	DEEP020T			240	DEEP020T	341-000	UNIT	04-170-240	ZF		445-014-547	DEEP013T			547	DEEP013T	341-000	UNIT	04-170-547	ZF			547	DEEP013T	341-000	UNIT	04-170-547	ZF	
NC				302						NC				241	NC					445-014-548	GRD			548	GRD	341-000	UNIT	04-170-548	ZF			548	GRD	341-000	UNIT	04-170-548	ZF		
NC				303						445-014-242	DEEP017C			242	DEEP017C	341-000	UNIT	04-170-242	ZF		445-014-549	DEEP010C			549	DEEP010C	341-000	UNIT	04-170-549	ZF			549	DEEP010C	341-000	UNIT	04-170-549	ZF	
NC				304						445-014-243	DEEP016T			243	DEEP016T	341-000	UNIT	04-170-243	ZF		445-014-550	DEEP009T			550	DEEP009T	341-000	UNIT	04-170-550	ZF			550	DEEP009T	341-000	UNIT	04-170-550	ZF	
NC				305						NC				244	NC					445-014-551	GRD																		

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(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J5				345-164	JACK/UNIT (EBC)		
445-022-232	GRD			232	GRD	341-000 UNIT	04-164-232
445-022-233	OEEP129C			233	OEEP129C	341-000 UNIT	04-164-233
445-022-234	OEEP128T			234	OEEP128T	341-000 UNIT	04-164-234
	NC			235			
445-022-236	OEEP125C			236	OEEP125C	341-000 UNIT	04-164-236
445-022-237	OEEP124T			237	OEEP124T	341-000 UNIT	04-164-237
	NC			238			
445-022-239	OEEP121C			239	OEEP121C	341-000 UNIT	04-164-239
445-022-240	OEEP120T			240	OEEP120T	341-000 UNIT	04-164-240
	NC			241			
445-022-242	OEEP117C			242	OEEP117C	341-000 UNIT	04-164-242
445-022-243	OEEP116T			243	OEEP116T	341-000 UNIT	04-164-243
	NC			244			
445-022-245	GRD			245	GRD	341-000 UNIT	04-164-245
445-022-246	OEEP113C			246	OEEP113C	341-000 UNIT	04-164-246
445-022-247	OEEP112T			247	OEEP112T	341-000 UNIT	04-164-247
	NC			248			
445-022-249	OEEP109C			249	OEEP109C	341-000 UNIT	04-164-249
445-022-250	OEEP108T			250	OEEP108T	341-000 UNIT	04-164-250
	NC			251			
445-022-252	OEEP105C			252	OEEP105C	341-000 UNIT	04-164-252
445-022-253	OEEP104T			253	OEEP104T	341-000 UNIT	04-164-253
	NC			254			
445-022-255	OEEP101C			255	OEEP101C	341-000 UNIT	04-164-255
445-022-256	OEEP100T			256	OEEP100T	341-000 UNIT	04-164-256
445-022-332	OEEP131T			332	OEEP131T	341-000 UNIT	04-164-332
445-022-333	GRD			333	GRD	341-000 UNIT	04-164-333
445-022-334	OEEP128C			334	OEEP128C	341-000 UNIT	04-164-334
445-022-335	OEEP127T			335	OEEP127T	341-000 UNIT	04-164-335
445-022-336	GRD			336	GRD	341-000 UNIT	04-164-336
445-022-337	OEEP124C			337	OEEP124C	341-000 UNIT	04-164-337
445-022-338	OEEP123T			338	OEEP123T	341-000 UNIT	04-164-338
445-022-339	GRD			339	GRD	341-000 UNIT	04-164-339
445-022-340	OEEP120C			340	OEEP120C	341-000 UNIT	04-164-340
445-022-341	OEEP119T			341	OEEP119T	341-000 UNIT	04-164-341
445-022-342	GRD			342	GRD	341-000 UNIT	04-164-342
445-022-343	OEEP116C			343	OEEP116C	341-000 UNIT	04-164-343
	NC			344			
445-022-345	OEEP115T			345	OEEP115T	341-000 UNIT	04-164-345
445-022-346	GRD			346	GRD	341-000 UNIT	04-164-346
445-022-347	OEEP112C			347	OEEP112C	341-000 UNIT	04-164-347
445-022-348	OEEP111T			348	OEEP111T	341-000 UNIT	04-164-348
445-022-349	GRD			349	GRD	341-000 UNIT	04-164-349
445-022-350	OEEP108C			350	OEEP108C	341-000 UNIT	04-164-350
445-022-351	OEEP107T			351	OEEP107T	341-000 UNIT	04-164-351
445-022-352	GRD			352	GRD	341-000 UNIT	04-164-352
445-022-353	OEEP104C			353	OEEP104C	341-000 UNIT	04-164-353
445-022-354	OEEP103T			354	OEEP103T	341-000 UNIT	04-164-354
445-022-355	GRD			355	GRD	341-000 UNIT	04-164-355
445-022-356	OEEP100C			356	OEEP100C	341-000 UNIT	04-164-356
445-022-432	OEEP131C			432	OEEP131C	341-000 UNIT	04-164-432
445-022-433	OEEP130T			433	OEEP130T	341-000 UNIT	04-164-433
445-022-434	GRD			434	GRD	341-000 UNIT	04-164-434
445-022-435	OEEP127C			435	OEEP127C	341-000 UNIT	04-164-435
445-022-436	OEEP126T			436	OEEP126T	341-000 UNIT	04-164-436
	NC			437			
445-022-438	OEEP123C			438	OEEP123C	341-000 UNIT	04-164-438
445-022-439	OEEP122T			439	OEEP122T	341-000 UNIT	04-164-439
	NC			440			
445-022-441	OEEP119C			441	OEEP119C	341-000 UNIT	04-164-441
445-022-442	OEEP118T			442	OEEP118T	341-000 UNIT	04-164-442
	NC			443			
	NC			444			
445-022-445	OEEP115C			445	OEEP115C	341-000 UNIT	04-164-445
445-022-446	OEEP114T			446	OEEP114T	341-000 UNIT	04-164-446
445-022-447	GRD			447	GRD	341-000 UNIT	04-164-447
445-022-448	OEEP111C			448	OEEP111C	341-000 UNIT	04-164-448
445-022-449	OEEP110T			449	OEEP110T	341-000 UNIT	04-164-449
	NC			450			
445-022-451	OEEP107C			451	OEEP107C	341-000 UNIT	04-164-451
445-022-452	OEEP106T			452	OEEP106T	341-000 UNIT	04-164-452
	NC			453			
445-022-454	OEEP103C			454	OEEP103C	341-000 UNIT	04-164-454
445-022-455	OEEP102T			455	OEEP102T	341-000 UNIT	04-164-455
	NC			456			
445-022-532	GRD			532	GRD	341-000 UNIT	04-164-532
445-022-533	OEEP130C			533	OEEP130C	341-000 UNIT	04-164-533
445-022-534	OEEP129T			534	OEEP129T	341-000 UNIT	04-164-534
445-022-535	GRD			535	GRD	341-000 UNIT	04-164-535
445-022-536	OEEP126C			536	OEEP126C	341-000 UNIT	04-164-536
445-022-537	OEEP125T			537	OEEP125T	341-000 UNIT	04-164-537
445-022-538	GRD			538	GRD	341-000 UNIT	04-164-538
445-022-539	OEEP122C			539	OEEP122C	341-000 UNIT	04-164-539
445-022-540	OEEP121T			540	OEEP121T	341-000 UNIT	04-164-540
445-022-541	GRD			541	GRD	341-000 UNIT	04-164-541

AP FIG 19 CAD 078

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J5				345-164	JACK/UNIT (EBC)		
445-022-542	OEEP118C			542	OEEP118C	341-000 UNIT	04-164-542
445-022-543	OEEP117T			543	OEEP117T	341-000 UNIT	04-164-543
	NC			544			
445-022-545	GRD			545	GRD	341-000 UNIT	04-164-545
445-022-546	OEEP114C			546	OEEP114C	341-000 UNIT	04-164-546
445-022-547	OEEP113T			547	OEEP113T	341-000 UNIT	04-164-547
445-022-548	GRD			548	GRD	341-000 UNIT	04-164-548
445-022-549	OEEP110C			549	OEEP110C	341-000 UNIT	04-164-549
445-022-550	OEEP109T			550	OEEP109T	341-000 UNIT	04-164-550
445-022-551	GRD			551	GRD	341-000 UNIT	04-164-551
445-022-552	OEEP106C			552	OEEP106C	341-000 UNIT	04-164-552
445-022-553	OEEP105T			553	OEEP105T	341-000 UNIT	04-164-553
445-022-554	GRD			554	GRD	341-000 UNIT	04-164-554
445-022-555	OEEP102C			555	OEEP102C	341-000 UNIT	04-164-555
445-022-556	OEEP101T			556	OEEP101T	341-000 UNIT	04-164-556
J6				345-158	JACK/UNIT (EBC)		
445-028-232	GRD			232	GRD	341-000 UNIT	04-158-232
445-028-233	OEEP229C			233	OEEP229C	341-000 UNIT	04-158-233
445-028-234	OEEP228T			234	OEEP228T	341-000 UNIT	04-158-234
	NC			235			
445-028-236	OEEP225C			236	OEEP225C	341-000 UNIT	04-158-236
445-028-237	OEEP224T			237	OEEP224T	341-000 UNIT	04-158-237
	NC			238			
445-028-239	OEEP221C			239	OEEP221C	341-000 UNIT	04-158-239
445-028-240	OEEP220T			240	OEEP220T	341-000 UNIT	04-158-240
	NC			241			
445-028-242	OEEP217C			242	OEEP217C	341-000 UNIT	04-158-242
445-028-243	OEEP216T			243	OEEP216T	341-000 UNIT	04-158-243
	NC			244			
445-028-245	GRD			245	GRD	341-000 UNIT	04-158-245
445-028-246	OEEP213C			246	OEEP213C	341-000 UNIT	04-158-246
445-028-247	OEEP212T			247	OEEP212T	341-000 UNIT	04-158-247
	NC			248			
445-028-249	OEEP209C			249	OEEP209C	341-000 UNIT	04-158-249
445-028-250	OEEP208T			250	OEEP208T	341-000 UNIT	04-158-250
	NC			251			
445-028-252	OEEP205C			252	OEEP205C	341-000 UNIT	04-158-252
445-028-253	OEEP204T			253	OEEP204T	341-000 UNIT	04-158-253
	NC			254			
445-028-255	OEEP201C			255	OEEP201C	341-000 UNIT	04-158-255
445-028-256	OEEP200T			256	OEEP200T	341-000 UNIT	04-158-256
445-028-332	OEEP231T			332	OEEP231T	341-000 UNIT	04-158-332
445-028-333	GRD			333	GRD	341-000 UNIT	04-158-333
445-028-334	OEEP228C			334	OEEP228C	341-000 UNIT	04-158-334
445-028-335	OEEP227T			335	OEEP227T	341-000 UNIT	04-158-335
445-028-336	GRD			336	GRD	341-000 UNIT	04-158-336
445-028-337	OEEP224C			337	OEEP224C	341-000 UNIT	04-158-337
445-028-338	OEEP223T			338	OEEP223T	341-000 UNIT	04-158-338
445-028-339	GRD			339	GRD	341-000 UNIT	04-158-339
445-028-340	OEEP220C			340	OEEP220C	341-000 UNIT	04-158-340
445-028-341	OEEP219T			341	OEEP219T	341-000 UNIT	04-158-341
445-028-342	GRD			342	GRD	341-000 UNIT	04-158-342
445-028-343	OEEP216C			343	OEEP216C	341-000 UNIT	04-158-343
	NC			344			
445-028-345	OEEP215T			345	OEEP215T	341-000 UNIT	04-158-345
445-028-346	GRD			346	GRD	341-000 UNIT	04-158-346
445-028-347	OEEP212C			347	OEEP212C	341-000 UNIT	04-158-347
445-028-348	OEEP211T			348	OEEP211T	341-000 UNIT	04-158-348
445-028-349	GRD			349	GRD	341-000 UNIT	04-158-349
445-028-350	OEEP208C			350	OEEP208C	341-000 UNIT	04-158-350
445-028-351	OEEP207T			351	OEEP207T	341-000 UNIT	04-158-351
445-028-352	GRD			352	GRD	341-000 UNIT	04-158-352
445-028-353	OEEP204C			353	OEEP204C	341-000 UNIT	04-158-353
445-028-354	OEEP203T			354	OEEP203T	341-000 UNIT	04-158-354
445-028-355	GRD			355	GRD	341-000 UNIT	04-158-355
445-028-356	OEEP200C			356	OEEP200C	341-000 UNIT	04-158-356
445-028-432	OEEP231C			432	OEEP231C	341-000 UNIT	04-158-432
445-028-433	OEEP230T			433	OEEP230T	341-000 UNIT	04-158-43

AP FIG 19 CAD 079

ECL-BUS UNIT CONTROL AND RETURN, BAY 2 TO BAY 1

AP FIG 19 CAD 079

(CONT'D)

AP FIG 19 CAD 079

(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	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
.....J1										J1										J2										J2									
145-176-200	GRD			200	GRD					145-176-510	DESTCD2C			510	DESTCD2C	241-000	UNIT	04-006-510	ZG	245-006-447	GRD			447	GRD	141-000	UNIT	04-176-447	ZG	245-006-447	GRD			447	GRD	141-000	UNIT	04-176-447	ZG
145-176-201	DEEMXM1C			201	DEEMXM1C	241-000	UNIT	04-006-201	ZG	145-176-511	DESTER3T			511	DESTER3T	241-000	UNIT	04-006-511	ZG	245-006-448	DEEKSY4C			448	DEEKSY4C	141-000	UNIT	04-176-448	ZG	245-006-448	DEEKSY4C			448	DEEKSY4C	141-000	UNIT	04-176-448	ZG
145-176-202	DEEMXM0T			202	DEEMXM0T	241-000	UNIT	04-006-202	ZG		NC			512	NC					245-006-449	DEEK654T			449	DEEK654T	141-000	UNIT	04-176-449	ZG	245-006-449	DEEK654T			449	DEEK654T	141-000	UNIT	04-176-449	ZG
145-176-204	OSPARE0			204	OSPARE0	241-000	UNIT	04-006-204	ZG	145-176-513	GRD			513	GRD						NC			450	NC						NC			450	NC				
145-176-205	OSPARE1			205	OSPARE1	241-000	UNIT	04-006-205	ZG	145-176-514	OSPARE13			514	OSPARE13	241-000	UNIT	04-006-514	ZG	245-006-451	DESTER4C			451	DESTER4C	141-000	UNIT	04-176-451	ZG	245-006-451	DESTER4C			451	DESTER4C	141-000	UNIT	04-176-451	ZG
145-176-207	DESTER1C			207	DESTER1C	241-000	UNIT	04-006-207	ZG	145-176-515	OSPARE14			515	OSPARE14	241-000	UNIT	04-006-515	ZG	245-006-452	DESTCD4T			452	DESTCD4T	141-000	UNIT	04-176-452	ZG	245-006-452	DESTCD4T			452	DESTCD4T	141-000	UNIT	04-176-452	ZG
145-176-208	DESTCD1T			208	DESTCD1T	241-000	UNIT	04-006-208	ZG	145-176-516	GRD			516	GRD					245-006-454	DEEKSY0C			454	DEEKSY0C	141-000	UNIT	04-176-454	ZG	245-006-454	DEEKSY0C			454	DEEKSY0C	141-000	UNIT	04-176-454	ZG
145-176-210	DESTER3C			210	DESTER3C	241-000	UNIT	04-006-210	ZG	145-176-517	DEEM650C			517	DEEM650C	241-000	UNIT	04-006-517	ZG	245-006-455	DEEK650T			455	DEEK650T	141-000	UNIT	04-176-455	ZG	245-006-455	DEEK650T			455	DEEK650T	141-000	UNIT	04-176-455	ZG
145-176-211	DESTCD3T			211	DESTCD3T	241-000	UNIT	04-006-211	ZG	145-176-518	DEEMSY1T			518	DEEMSY1T	241-000	UNIT	04-006-518	ZG	245-006-532	GRD			532	GRD	141-000	UNIT	04-176-532	ZG	245-006-532	GRD			532	GRD	141-000	UNIT	04-176-532	ZG
145-176-213	GRD			213	GRD					145-176-519	GRD			519	GRD					245-006-533	DESTCD0C			533	DESTCD0C	141-000	UNIT	04-176-533	ZG	245-006-533	DESTCD0C			533	DESTCD0C	141-000	UNIT	04-176-533	ZG
145-176-214	OSPARE2			214	OSPARE2	241-000	UNIT	04-006-214	ZG	145-176-520	DEELSY3T			520	DEELSY3T	241-000	UNIT	04-006-520	ZG	245-006-534	DESTER1T			534	DESTER1T	141-000	UNIT	04-176-534	ZG	245-006-534	DESTER1T			534	DESTER1T	141-000	UNIT	04-176-534	ZG
145-176-215	OSPARE3			215	OSPARE3	241-000	UNIT	04-006-215	ZG	145-176-521	GRD			521	GRD					245-006-535	GRD			535	GRD	141-000	UNIT	04-176-535	ZG	245-006-535	GRD			535	GRD	141-000	UNIT	04-176-535	ZG
145-176-217	DEEMSY1C			217	DEEMSY1C	241-000	UNIT	04-006-217	ZG	145-176-522	DEEL654C			522	DEEL654C	241-000	UNIT	04-006-522	ZG	245-006-536	DESTCD2C			536	DESTCD2C	141-000	UNIT	04-176-536	ZG	245-006-536	DESTCD2C			536	DESTCD2C	141-000	UNIT	04-176-536	ZG
145-176-218	DEEM651T			218	DEEM651T	241-000	UNIT	04-006-218	ZG	145-176-523	OSPARE15			523	OSPARE15	241-000	UNIT	04-006-523	ZG	245-006-537	DESTER3T			537	DESTER3T	141-000	UNIT	04-176-537	ZG	245-006-537	DESTER3T			537	DESTER3T	141-000	UNIT	04-176-537	ZG
145-176-220	DEELSY3C			220	DEELSY3C	241-000	UNIT	04-006-220	ZG	145-176-524	GRD			524	GRD					245-006-538	GRD			538	GRD	141-000	UNIT	04-176-538	ZG	245-006-538	GRD			538	GRD	141-000	UNIT	04-176-538	ZG
145-176-221	DEEL653T			221	DEEL653T	241-000	UNIT	04-006-221	ZG	245-006-232	GRD			232	GRD	141-000	UNIT	04-176-232	ZG	245-006-539	DEEXM2C			539	DEEXM2C	141-000	UNIT	04-176-539	ZG	245-006-539	DEEXM2C			539	DEEXM2C	141-000	UNIT	04-176-539	ZG
145-176-223	OSPARE4			223	OSPARE4	241-000	UNIT	04-006-223	ZG	245-006-233	DESTER1C			233	DESTER1C	141-000	UNIT	04-176-233	ZG	245-006-540	DEEXM1T			540	DEEXM1T	141-000	UNIT	04-176-540	ZG	245-006-540	DEEXM1T			540	DEEXM1T	141-000	UNIT	04-176-540	ZG
145-176-224	OSPARE5			224	OSPARE5	241-000	UNIT	04-006-224	ZG	245-006-234	DESTCD1T			234	DESTCD1T	141-000	UNIT	04-176-234	ZG	245-006-541	GRD			541	GRD	141-000	UNIT	04-176-541	ZG	245-006-541	GRD			541	GRD	141-000	UNIT	04-176-541	ZG
145-176-300	DEEMXM3T			300	DEEMXM3T	241-000	UNIT	04-006-300	ZG	245-006-235	NC			235	NC					245-006-542	DEECADATC			542	DEECADATC	141-000	UNIT	04-176-542	ZG	245-006-542	DEECADATC			542	DEECADATC	141-000	UNIT	04-176-542	ZG
145-176-301	GRD			301	GRD					245-006-236	DESTER3C			236	DESTER3C	141-000	UNIT	04-176-236	ZG	245-006-543	DEIC01			543	DEIC01	141-000	UNIT	04-176-543	ZG	245-006-543	DEIC01			543	DEIC01	141-000	UNIT	04-176-543	ZG
145-176-302	DEEMXM0C			302	DEEMXM0C	241-000	UNIT	04-006-302	ZG	245-006-237	DESTCD3T			237	DESTCD3T	141-000	UNIT	04-176-237	ZG	245-006-544	NC			544	NC						NC			544	NC				
145-176-303	DEEMCADT			303	DEEMCADT	241-000	UNIT	04-006-303	ZG	245-006-238	NC			238	NC					245-006-545	GRD			545	GRD	141-000	UNIT	04-176-545	ZG	245-006-545	GRD			545	GRD	141-000	UNIT	04-176-545	ZG
145-176-304	GRD			304	GRD					245-006-239	DEEXM1C			239	DEEXM1C	141-000	UNIT	04-176-239	ZG	245-006-546	DEEK652C			546	DEEK652C	141-000	UNIT	04-176-546	ZG	245-006-546	DEEK652C			546	DEEK652C	141-000	UNIT	04-176-546	ZG
145-176-305	OSPARE6			305	OSPARE6	241-000	UNIT	04-006-305	ZG	245-006-240	DEEXM0T			240	DEEXM0T	141-000	UNIT	04-176-240	ZG	245-006-547	DEEKSY3T			547	DEEKSY3T	141-000	UNIT	04-176-547	ZG	245-006-547	DEEKSY3T			547	DEEKSY3T	141-000	UNIT	04-176-547	ZG
145-176-306	DESTER0T			306	DESTER0T	241-000	UNIT	04-006-306																															

AP FIG 19 CAD 079 (CONT'D)										AP FIG 19 CAD 079 (CONT'D)										AP FIG 19 CAD 079 (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	
.....J8										J8										J7										
	NC			145-158	JACK/UNIT	(EBU)					NC			145-158	JACK/UNIT	(EBU)					245-022-415	GRD			145-164	JACK/UNIT	(EBU)			
	NC			200							NC			510							245-022-416	OESE103C			415	GRD	141-000	UNIT	04-164-415	ZG
	NC			201							NC			511							245-022-417	OESE102T			416	OESE103C	141-000	UNIT	04-164-416	ZG
	NC			202							NC			512								NC			417	OESE102T	141-000	UNIT	04-164-417	ZG
	NC			203										513	GRD	141-000	UNIT	04-158-513	ZG		245-022-419	OESE115C			418					
	NC			204							245-028-513	GRD		513	GRD	141-000	UNIT	04-158-513	ZG		245-022-420	OESE114T			419	OESE115C	141-000	UNIT	04-164-419	ZG
	NC			205							245-028-514	OESE206C		514	OESE206C	141-000	UNIT	04-158-514	ZG		245-022-421	NC			420	OESE114T	141-000	UNIT	04-164-420	ZG
	NC			206							245-028-515	OESE205T		515	OESE205T	141-000	UNIT	04-158-515	ZG		NC			421						
	NC			207							245-028-516	GRD		516	GRD	141-000	UNIT	04-158-516	ZG		245-022-422	OESE111C			422	OESE111C	141-000	UNIT	04-164-422	ZG
	NC			208							245-028-517	OESE202C		517	OESE202C	141-000	UNIT	04-158-517	ZG		245-022-423	OESE110T			423	OESE110T	141-000	UNIT	04-164-423	ZG
	NC			209							245-028-518	OESE201T		518	OESE201T	141-000	UNIT	04-158-518	ZG		NC			424						
	NC			210							245-028-519	GRD		519	GRD	141-000	UNIT	04-158-519	ZG		NC			500						
	NC			211							245-028-520	OESE214C		520	OESE214C	141-000	UNIT	04-158-520	ZG		NC			501						
	NC			212							245-028-521	OESE213T		521	OESE213T	141-000	UNIT	04-158-521	ZG		NC			502						
245-028-213	GRD			213	GRD	141-000	UNIT	04-158-213	ZG		245-028-522	GRD		522	GRD	141-000	UNIT	04-158-522	ZG		NC			503						
245-028-214	OESE205C			214	OESE205C	141-000	UNIT	04-158-214	ZG		245-028-523	OESE210C		523	OESE210C	141-000	UNIT	04-158-523	ZG		NC			504						
245-028-215	OESE204T			215	OESE204T	141-000	UNIT	04-158-215	ZG		245-028-524	OESE209T		524	OESE209T	141-000	UNIT	04-158-524	ZG		NC			505						
	NC			216																	NC			506						
245-028-217	OESE201C			217	OESE201C	141-000	UNIT	04-158-217	ZG												NC			507						
245-028-218	OESE200T			218	OESE200T	141-000	UNIT	04-158-218	ZG												NC			508						
	NC			219																	NC			509						
245-028-220	OESE213C			220	OESE213C	141-000	UNIT	04-158-220	ZG												NC			510						
245-028-221	OESE212T			221	OESE212T	141-000	UNIT	04-158-221	ZG												NC			511						
	NC			222																	NC			512						
245-028-223	OESE209C			223	OESE209C	141-000	UNIT	04-158-223	ZG												245-022-513	GRD			513	GRD	141-000	UNIT	04-164-513	ZG
245-028-224	OESE208T			224	OESE208T	141-000	UNIT	04-158-224	ZG												245-022-514	OESE106C			514	OESE106C	141-000	UNIT	04-164-514	ZG
	NC			300																	245-022-515	OESE105T			515	OESE105T	141-000	UNIT	04-164-515	ZG
	NC			301																	245-022-516	GRD			516	GRD	141-000	UNIT	04-164-516	ZG
	NC			302																	245-022-517	OESE102C			517	OESE102C	141-000	UNIT	04-164-517	ZG
	NC			303																	245-022-518	OESE101T			518	OESE101T	141-000	UNIT	04-164-518	ZG
	NC			304																	245-022-519	GRD			519	GRD	141-000	UNIT	04-164-519	ZG
	NC			305																	245-022-520	OESE114C			520	OESE114C	141-000	UNIT	04-164-520	ZG
	NC			306																	245-022-521	OESE113T			521	OESE113T	141-000	UNIT	04-164-521	ZG
	NC			307																	245-022-522	GRD			522	GRD	141-000	UNIT	04-164-522	ZG
	NC			308																	245-022-523	OESE110C			523	OESE110C	141-000	UNIT	04-164-523	ZG
	NC			309																	245-022-524	OESE109T			524	OESE109T	141-000	UNIT	04-164-524	ZG
	NC			310																										
	NC			311																										
	NC			312																										
245-028-313	OESE207T			313	OESE207T	141-000	UNIT	04-158-313	ZG																					
245-028-314	GRD			314	GRD	141-000	UNIT	04-158-314	ZG																					
245-028-315	OESE204C			315	OESE204C	141-000	UNIT	04-158-315</																						

(CONT'D)

—TO CONNECTION

—FROM CONNECTION

—TO CONNECTION—

—FROM CONNECTION

(CONT'D)

(CONT'D)

—TO CONNECTION—

~~_____~~ FROM CONNECTION

DESTINATION

TERMINATION

DESTINATION	LEAD DEPT
ALABAMA	ALABAMA
ALASKA	ALASKA
ARIZONA	ARIZONA
ARKANSAS	ARKANSAS
CALIFORNIA	CALIFORNIA
COLORADO	COLORADO
CONNECTICUT	CONNECTICUT
DELAWARE	DELAWARE
FLORIDA	FLORIDA
GEORGIA	GEORGIA
HAWAII	HAWAII
ILLINOIS	ILLINOIS
INDIANA	INDIANA
IOWA	IOWA
KANSAS	KANSAS
KENTUCKY	KENTUCKY
LOUISIANA	LOUISIANA
MAINE	MAINE
MARYLAND	MARYLAND
MASSACHUSETTS	MASSACHUSETTS
MICHIGAN	MICHIGAN
MINNESOTA	MINNESOTA
MISSISSIPPI	MISSISSIPPI
MISSOURI	MISSOURI
MONTANA	MONTANA
NEBRASKA	NEBRASKA
NEVADA	NEVADA
NEW HAMPSHIRE	NEW HAMPSHIRE
NEW JERSEY	NEW JERSEY
NEW YORK	NEW YORK
NORTH CAROLINA	NORTH CAROLINA
NORTH DAKOTA	NORTH DAKOTA
OHIO	OHIO
OKLAHOMA	OKLAHOMA
OREGON	OREGON
PENNSYLVANIA	PENNSYLVANIA
RHODE ISLAND	RHODE ISLAND
SOUTH CAROLINA	SOUTH CAROLINA
SOUTH DAKOTA	SOUTH DAKOTA
TENNESSEE	TENNESSEE
TEXAS	TEXAS
UTAH	UTAH
Vermont	VERMONT
VIRGINIA	VIRGINIA
WASHINGTON	WASHINGTON
WEST VIRGINIA	WEST VIRGINIA
WISCONSIN	WISCONSIN
WYOMING	WYOMING

TERMINATION

DESTINATION	LEAD
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LEAD

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC		DWG SIZE	ISSUE
		CZ	38
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AP FIG 19 CAD 079

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AP FIG 19 CAD 079

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AP FIG 19 CAD 079

(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	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	
.....J5										J5										J6										145-158 (CONT'D)										
245-022-232	GRD			232	GRD	141-000 UNIT	04-164-232	ZG		245-022-542	DEEP118C			542	DEEP118C	141-000 UNIT	04-164-542	ZG		245-028-447	GRD			447	GRD	141-000 UNIT	04-158-447	ZG		245-028-448	DEEP211C			448	DEEP211C	141-000 UNIT	04-158-448	ZG		
245-022-233	DEEP129C			233	DEEP129C	141-000 UNIT	04-164-233	ZG		245-022-543	DEEP117T			543	DEEP117T	141-000 UNIT	04-164-543	ZG		245-028-449	DEEP210T			449	DEEP210T	141-000 UNIT	04-158-449	ZG		245-028-451	DEEP207C			451	DEEP207C	141-000 UNIT	04-158-451	ZG		
245-022-234	DEEP128T			234	DEEP128T	141-000 UNIT	04-164-234	ZG			NC			544							NC			450						245-028-452	DEEP206T			452	DEEP206T	141-000 UNIT	04-158-452	ZG		
245-022-236	DEEP125C			236	DEEP125C	141-000 UNIT	04-164-236	ZG		245-022-545	GRD			545	GRD	141-000 UNIT	04-164-545	ZG			245-028-453	DEEP207C			453					245-028-454	DEEP203C			454	DEEP203C	141-000 UNIT	04-158-454	ZG		
245-022-237	DEEP124T			237	DEEP124T	141-000 UNIT	04-164-237	ZG		245-022-546	DEEP114C			546	DEEP114C	141-000 UNIT	04-164-546	ZG			245-028-455	DEEP202T			455	DEEP202T	141-000 UNIT	04-158-455	ZG		245-028-532	GRD			532	GRD	141-000 UNIT	04-158-532	ZG	
245-022-239	DEEP121C			239	DEEP121C	141-000 UNIT	04-164-239	ZG		245-022-547	DEEP113T			547	DEEP113T	141-000 UNIT	04-164-547	ZG			245-028-533	DEEP230C			533	DEEP230C	141-000 UNIT	04-158-533	ZG		245-028-534	DEEP229T			534	DEEP229T	141-000 UNIT	04-158-534	ZG	
245-022-240	DEEP120T			240	DEEP120T	141-000 UNIT	04-164-240	ZG		245-022-548	GRD			548	GRD	141-000 UNIT	04-164-548	ZG			245-028-535	GRD			535	GRD	141-000 UNIT	04-158-535	ZG		245-028-536	DEEP226C			536	DEEP226C	141-000 UNIT	04-158-536	ZG	
245-022-242	DEEP117C			242	DEEP117C	141-000 UNIT	04-164-242	ZG		245-022-549	DEEP110C			549	DEEP110C	141-000 UNIT	04-164-549	ZG			245-028-537	DEEP225T			537	DEEP225T	141-000 UNIT	04-158-537	ZG		245-028-538	GRD			538	GRD	141-000 UNIT	04-158-538	ZG	
245-022-243	DEEP116T			243	DEEP116T	141-000 UNIT	04-164-243	ZG		245-022-550	DEEP109T			550	DEEP109T	141-000 UNIT	04-164-550	ZG			245-028-539	DEEP222C			539	DEEP222C	141-000 UNIT	04-158-539	ZG		245-028-541	GRD			541	GRD	141-000 UNIT	04-158-541	ZG	
245-022-245	GRD			245	GRD	141-000 UNIT	04-164-245	ZG		245-022-551	GRD			551	GRD	141-000 UNIT	04-164-551	ZG			245-028-542	DEEP218C			542	DEEP218C	141-000 UNIT	04-158-542	ZG		245-028-543	DEEP217T			543	DEEP217T	141-000 UNIT	04-158-543	ZG	
245-022-246	DEEP113C			246	DEEP113C	141-000 UNIT	04-164-246	ZG		245-022-552	DEEP106C			552	DEEP106C	141-000 UNIT	04-164-552	ZG			245-028-545	GRD			545	GRD	141-000 UNIT	04-158-545	ZG		245-028-546	DEEP214C			546	DEEP214C	141-000 UNIT	04-158-546	ZG	
245-022-247	DEEP112T			247	DEEP112T	141-000 UNIT	04-164-247	ZG		245-022-553	DEEP105T			553	DEEP105T	141-000 UNIT	04-164-553	ZG			245-028-547	DEEP213T			547	DEEP213T	141-000 UNIT	04-158-547	ZG		245-028-548	GRD			548	GRD	141-000 UNIT	04-158-548	ZG	
245-022-249	DEEP109C			249	DEEP109C	141-000 UNIT	04-164-249	ZG		245-022-554	GRD			554	GRD	141-000 UNIT	04-164-554	ZG			245-028-549	DEEP210C			549	DEEP210C	141-000 UNIT	04-158-549	ZG		245-028-550	DEEP209T			550	DEEP209T	141-000 UNIT	04-158-550	ZG	
245-022-250	DEEP108T			250	DEEP108T	141-000 UNIT	04-164-250	ZG		245-022-555	DEEP102C			555	DEEP102C	141-000 UNIT	04-164-555	ZG			245-028-551	GRD			551	GRD	141-000 UNIT	04-158-551	ZG		245-028-552	DEEP206C			552	DEEP206C	141-000 UNIT	04-158-552	ZG	
245-022-252	DEEP105C			252	DEEP105C	141-000 UNIT	04-164-252	ZG		245-022-556	DEEP101T			556	DEEP101T	141-000 UNIT	04-164-556	ZG			245-028-553	DEEP205T			553	DEEP205T	141-000 UNIT	04-158-553	ZG		245-028-554	GRD			554	GRD	141-000 UNIT	04-158-554	ZG	
245-022-253	DEEP104T			253	DEEP104T	141-000 UNIT	04-164-253	ZG													245-028-555	DEEP202C			555	DEEP202C	141-000 UNIT	04-158-555	ZG		245-028-556	DEEP201T			556	DEEP201T	141-000 UNIT	04-158-556	ZG	
245-022-255	DEEP101C			255	DEEP101C	141-000 UNIT	04-164-255	ZG		J6										145-158 JACK/UNIT (EBCU).....																				
245-022-256	DEEP100T			256	DEEP100T	141-000 UNIT	04-164-256	ZG		245-028-232	GRD			232	GRD	141-000 UNIT	04-158-232	ZG		245-028-545	GRD			545	GRD	141-000 UNIT	04-158-545	ZG		245-028-546	DEEP214C			546	DEEP214C	141-000 UNIT	04-158-546	ZG		
245-022-332	DEEP131T			332	DEEP131T	141-000 UNIT	04-164-332	ZG		245-028-233	DEEP229C			233	DEEP229C	141-000 UNIT	04-158-233	ZG		245-028-547	DEEP213T			547	DEEP213T	141-000 UNIT	04-158-547	ZG		245-028-548	GRD			548	GRD	141-000 UNIT	04-158-548	ZG		
245-022-333	GRD			333	GRD	141-000 UNIT	04-164-333	ZG		245-028-234	DEEP228T			234	DEEP228T	141-000 UNIT	04-158-234	ZG		245-028-549	DEEP210C			549	DEEP210C	141-000 UNIT	04-158-549	ZG		245-028-550	DEEP209T			550	DEEP209T	141-000 UNIT	04-158-550	ZG		
245-022-334	DEEP128C			334	DEEP128C	141-000 UNIT	04-164-334	ZG		245-028-236	DEEP225C			236	DEEP225C	141-000 UNIT	04-158-236	ZG		245-028-551	GRD			551	GRD	141-000 UNIT	04-158-551	ZG		245-028-552	DEEP206C			552	DEEP206C	141-000 UNIT	04-158-552	ZG		
245-022-335	DEEP127T			335	DEEP127T	141-000 UNIT	04-164-335	ZG		245-028-237	DEEP224T			237	DEEP224T	141-000 UNIT	04-158-237	ZG		245-028-553	DEEP205T			553	DEEP205T	141-000 UNIT	04-158-553	ZG		245-028-554	GRD			554	GRD	141-000 UNIT	04-158-554	ZG		
245-022-336	GRD			336	GRD	141-000 UNIT	04-164-336	ZG		245-028-239	DEEP221C			239	DEEP221C	141-000 UNIT	04-158-239	ZG		245-028-555	DEEP202C			555	DEEP202C	141-000 UNIT	04-158-555	ZG		245-028-556	DEEP201T			556	DEEP201T	141-000 UNIT	04-158-556	ZG		
245-022-337	DEEP124C			33																																				

AP FIG 19 CAD 080

ECL-BUS UNIT CONTROL AND RETURN, BAY 1 TO BAY 0

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(CONT'D)

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(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	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
J1										J1										J2										J2									
045-176										045-176 (CONT'D)										045-176 (CONT'D)										045-176 (CONT'D)									
JACK/UNIT (EBCU)										JACK/UNIT (EBCU)										JACK/UNIT (EBCU)										JACK/UNIT (EBCU)									
145-006-201	NC			200	DEEMX1C	041-000 UNIT	04-176-201	ZJ		145-006-510	DESTCD2C			510	DESTCD2C	041-000 UNIT	04-176-510	ZJ		145-006-447	GRD			447	GRD	041-000 UNIT	04-176-447	ZJ		145-006-447	GRD			447	GRD	041-000 UNIT	04-176-447	ZJ	
145-006-202	DEEMX1C			201	DEEMX1C	041-000 UNIT	04-176-202	ZJ		145-006-511	DESTER3T			511	DESTER3T	041-000 UNIT	04-176-511	ZJ		145-006-448	DEEKSY4C			448	DEEKSY4C	041-000 UNIT	04-176-448	ZJ		145-006-448	DEEKSY4C			448	DEEKSY4C	041-000 UNIT	04-176-448	ZJ	
145-006-203	NC			202	DEEMX1C	041-000 UNIT	04-176-203	ZJ		145-006-512	NC			512	NC					145-006-449	DEEK654T			449	DEEK654T	041-000 UNIT	04-176-449	ZJ		145-006-449	DEEK654T			449	DEEK654T	041-000 UNIT	04-176-449	ZJ	
145-006-204	OSPARE0			203	OSPARE0	041-000 UNIT	04-176-204	ZJ		145-006-513	NC			513	NC					145-006-450	NC			450	NC					145-006-450	NC			450	NC				
145-006-205	OSPARE1			204	OSPARE1	041-000 UNIT	04-176-205	ZJ		145-006-514	DESTCD4C			514	DESTCD4C	041-000 UNIT	04-176-514	ZJ		145-006-451	DESTER4C			451	DESTER4C	041-000 UNIT	04-176-451	ZJ		145-006-451	DESTER4C			451	DESTER4C	041-000 UNIT	04-176-451	ZJ	
145-006-206	OSPARE1			205	OSPARE1	041-000 UNIT	04-176-206	ZJ		145-006-515	OSPARE14			515	OSPARE14	041-000 UNIT	04-176-515	ZJ		145-006-452	DESTCD4T			452	DESTCD4T	041-000 UNIT	04-176-452	ZJ		145-006-452	DESTCD4T			452	DESTCD4T	041-000 UNIT	04-176-452	ZJ	
145-006-207	DESTER1C			206	DESTER1C	041-000 UNIT	04-176-207	ZJ		145-006-516	NC			516	NC					145-006-453	NC			453	NC					145-006-453	NC			453	NC				
145-006-208	DESTER1C			207	DESTER1C	041-000 UNIT	04-176-208	ZJ		145-006-517	DEEM650C			517	DEEM650C	041-000 UNIT	04-176-517	ZJ		145-006-454	DEEKSY0C			454	DEEKSY0C	041-000 UNIT	04-176-454	ZJ		145-006-454	DEEKSY0C			454	DEEKSY0C	041-000 UNIT	04-176-454	ZJ	
145-006-209	DESTER1C			208	DESTER1C	041-000 UNIT	04-176-209	ZJ		145-006-518	DEEMSY1T			518	DEEMSY1T	041-000 UNIT	04-176-518	ZJ		145-006-455	DEEK650T			455	DEEK650T	041-000 UNIT	04-176-455	ZJ		145-006-455	DEEK650T			455	DEEK650T	041-000 UNIT	04-176-455	ZJ	
145-006-210	DESTER3C			209	DESTER3C	041-000 UNIT	04-176-210	ZJ		145-006-519	NC			519	NC					145-006-456	NC			456	NC					145-006-456	NC			456	NC				
145-006-211	DESTER3C			210	DESTER3C	041-000 UNIT	04-176-211	ZJ		145-006-520	DEEM652C			520	DEEM652C	041-000 UNIT	04-176-520	ZJ		145-006-532	GRD			532	GRD	041-000 UNIT	04-176-532	ZJ		145-006-532	GRD			532	GRD	041-000 UNIT	04-176-532	ZJ	
145-006-212	DESTER3C			211	DESTER3C	041-000 UNIT	04-176-212	ZJ		145-006-521	DEELSY3T			521	DEELSY3T	041-000 UNIT	04-176-521	ZJ		145-006-533	DESTER0C			533	DESTER0C	041-000 UNIT	04-176-533	ZJ		145-006-533	DESTER0C			533	DESTER0C	041-000 UNIT	04-176-533	ZJ	
145-006-213	NC			212	NC					145-006-522	NC			522	NC					145-006-534	DESTER1T			534	DESTER1T	041-000 UNIT	04-176-534	ZJ		145-006-534	DESTER1T			534	DESTER1T	041-000 UNIT	04-176-534	ZJ	
145-006-214	OSPARE2			213	OSPARE2	041-000 UNIT	04-176-214	ZJ		145-006-523	DEEL654C			523	DEEL654C	041-000 UNIT	04-176-523	ZJ		145-006-535	GRD			535	GRD	041-000 UNIT	04-176-535	ZJ		145-006-535	GRD			535	GRD	041-000 UNIT	04-176-535	ZJ	
145-006-215	OSPARE3			214	OSPARE3	041-000 UNIT	04-176-215	ZJ		145-006-524	OSPARE15			524	OSPARE15	041-000 UNIT	04-176-524	ZJ		145-006-536	DESTER0T			536	DESTER0T	041-000 UNIT	04-176-536	ZJ		145-006-536	DESTER0T			536	DESTER0T	041-000 UNIT	04-176-536	ZJ	
145-006-216	NC			215	NC					145-006-525	OSPARE15			525	OSPARE15	041-000 UNIT	04-176-525	ZJ		145-006-537	DESTER3T			537	DESTER3T	041-000 UNIT	04-176-537	ZJ		145-006-537	DESTER3T			537	DESTER3T	041-000 UNIT	04-176-537	ZJ	
145-006-217	DEEMSY1C			216	DEEMSY1C	041-000 UNIT	04-176-217	ZJ		145-006-526	OSPARE15			526	OSPARE15	041-000 UNIT	04-176-526	ZJ		145-006-538	GRD			538	GRD	041-000 UNIT	04-176-538	ZJ		145-006-538	GRD			538	GRD	041-000 UNIT	04-176-538	ZJ	
145-006-218	DEEM651T			217	DEEM651T	041-000 UNIT	04-176-218	ZJ		145-006-527	OSPARE15			527	OSPARE15	041-000 UNIT	04-176-527	ZJ		145-006-539	DEEKX2C			539	DEEKX2C	041-000 UNIT	04-176-539	ZJ		145-006-539	DEEKX2C			539	DEEKX2C	041-000 UNIT	04-176-539	ZJ	
145-006-219	NC			218	NC					145-006-528	OSPARE15			528	OSPARE15	041-000 UNIT	04-176-528	ZJ		145-006-540	DEEKX1T			540	DEEKX1T	041-000 UNIT	04-176-540	ZJ		145-006-540	DEEKX1T			540	DEEKX1T	041-000 UNIT	04-176-540	ZJ	
145-006-220	DEELSY3C			219	DEELSY3C	041-000 UNIT	04-176-220	ZJ		145-006-529	OSPARE15			529	OSPARE15	041-000 UNIT	04-176-529	ZJ		145-006-541	GRD			541	GRD	041-000 UNIT	04-176-541	ZJ		145-006-541	GRD			541	GRD	041-000 UNIT	04-176-541	ZJ	
145-006-221	DEEL653T			220	DEEL653T	041-000 UNIT	04-176-221	ZJ		145-006-530	OSPARE15			530	OSPARE15	041-000 UNIT	04-176-530	ZJ		145-006-542	DEECDDATC			542	DEECDDATC	041-000 UNIT	04-176-542	ZJ		145-006-542	DEECDDATC			542	DEECDDATC	041-000 UNIT	04-176-542	ZJ	
145-006-222	NC			221	NC					145-006-531	OSPARE15			531	OSPARE15	041-000 UNIT	04-176-531	ZJ		145-006-543	DEICD1			543	DEICD1	041-000 UNIT	04-176-543	ZJ		145-006-543	DEICD1			543	DEICD1	041-000 UNIT	04-176-543	ZJ	
145-006-223	OSPARE4			222	OSPARE4	041-000 UNIT	04-176-223	ZJ		145-006-532	OSPARE15			532	OSPARE15	041-000 UNIT	04-176-532	ZJ		145-006-544	NC			544	NC					145-006-544	NC			544	NC				
145-006-224	OSPARE5			223	OSPARE5	041-000 UNIT	04-176-224	ZJ		145-006-533	OSPARE15			533	OSPARE15	041-000 UNIT	04-176-533	ZJ		145-006-545	GRD			545	GRD	041-000 UNIT	04-176-545	ZJ		145-006-545	GRD			545	GRD	041-000 UNIT	04-176-545	ZJ	
145-006-300	DEEMX3T			224	DEEMX3T	041-000 UNIT	04-176-300	ZJ		145-006-534	OSPARE15			534	OSPARE15	041-000 UNIT	04-176-534	ZJ		145-006-546	DEEK652C			546	DEEK652C	041-000 UNIT	04-176-546	ZJ		145-006-546	DEEK652C			546	DEEK652C	041-000 UNIT	04-176-546	ZJ	
145-006-301	NC			225	NC					145-006-535	OSPARE15			535	OSPARE15	041-000 UNIT	04-176-535	ZJ		145-006-547	DEEKSY3T			547	DEEKSY3T	041-000 UNIT	04-176-547	ZJ		145-006-547	DEEKSY3T			547	DEEKSY3T	041-000 UNIT	04-176-547	ZJ	
145-006-302	DEEMX0C			226	DEEMX0C	041-000																																	

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC			
		DWG SIZE C2	ISSUE 3B
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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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J5										J5										J6										J6										
045-164 JACK/UNIT (EUB)										045-164 (CONT'D) JACK/UNIT (EUB)										045-158 JACK/UNIT (EUB)										045-158 (CONT'D) JACK/UNIT (EUB)										
145-022-232	GRD			232	GRD	041-000 UNIT	04-164-232	ZJ		145-022-542	DEEP118C			542	DEEP118C	041-000 UNIT	04-164-542	ZJ		145-028-447	GRD			447	GRD	041-000 UNIT	04-158-447	ZJ		145-028-447	GRD			447	GRD	041-000 UNIT	04-158-447	ZJ		
145-022-233	DEEP129C			233	DEEP129C	041-000 UNIT	04-164-233	ZJ		145-022-543	DEEP117T			543	DEEP117T	041-000 UNIT	04-164-543	ZJ		145-028-448	DEEP211C			448	DEEP211C	041-000 UNIT	04-158-448	ZJ		145-028-448	DEEP211C			448	DEEP211C	041-000 UNIT	04-158-448	ZJ		
145-022-234	DEEP128T			234	DEEP128T	041-000 UNIT	04-164-234	ZJ						544	NC					145-028-449	DEEP210T			449	DEEP210T	041-000 UNIT	04-158-449	ZJ		145-028-449	DEEP210T			449	DEEP210T	041-000 UNIT	04-158-449	ZJ		
145-022-235	NC			235	NC									545	GRD	041-000 UNIT	04-164-545	ZJ					450	NC									450	NC						
145-022-236	DEEP125C			236	DEEP125C	041-000 UNIT	04-164-236	ZJ		145-022-545	GRD			545	DEEP114C	041-000 UNIT	04-164-546	ZJ		145-028-451	DEEP207C			451	DEEP207C	041-000 UNIT	04-158-451	ZJ		145-028-451	DEEP207C			451	DEEP207C	041-000 UNIT	04-158-451	ZJ		
145-022-237	DEEP124T			237	DEEP124T	041-000 UNIT	04-164-237	ZJ		145-022-546	DEEP113T			546	DEEP113T	041-000 UNIT	04-164-547	ZJ		145-028-452	DEEP206T			452	DEEP206T	041-000 UNIT	04-158-452	ZJ		145-028-452	DEEP206T			452	DEEP206T	041-000 UNIT	04-158-452	ZJ		
145-022-239	DEEP121C			239	DEEP121C	041-000 UNIT	04-164-239	ZJ		145-022-547	GRD			548	GRD	041-000 UNIT	04-164-548	ZJ					453	NC										453	NC					
145-022-240	DEEP120T			240	DEEP120T	041-000 UNIT	04-164-240	ZJ		145-022-548	DEEP110C			549	DEEP110C	041-000 UNIT	04-164-549	ZJ		145-028-454	DEEP203C			454	DEEP203C	041-000 UNIT	04-158-454	ZJ		145-028-454	DEEP203C			454	DEEP203C	041-000 UNIT	04-158-454	ZJ		
145-022-242	DEEP117C			242	DEEP117C	041-000 UNIT	04-164-242	ZJ		145-022-550	DEEP109T			550	DEEP109T	041-000 UNIT	04-164-550	ZJ		145-028-455	DEEP202T			455	DEEP202T	041-000 UNIT	04-158-455	ZJ		145-028-455	DEEP202T			455	DEEP202T	041-000 UNIT	04-158-455	ZJ		
145-022-243	DEEP116T			243	DEEP116T	041-000 UNIT	04-164-243	ZJ		145-022-551	GRD			551	GRD	041-000 UNIT	04-164-551	ZJ					456	NC										456	NC					
145-022-245	GRD			245	GRD	041-000 UNIT	04-164-245	ZJ		145-022-552	DEEP106C			552	DEEP106C	041-000 UNIT	04-164-552	ZJ		145-028-532	GRD			532	GRD	041-000 UNIT	04-158-532	ZJ		145-028-532	GRD			532	GRD	041-000 UNIT	04-158-532	ZJ		
145-022-246	DEEP113C			246	DEEP113C	041-000 UNIT	04-164-246	ZJ		145-022-553	DEEP105T			553	DEEP105T	041-000 UNIT	04-164-553	ZJ		145-028-533	DEEP230C			533	DEEP230C	041-000 UNIT	04-158-533	ZJ		145-028-533	DEEP230C			533	DEEP230C	041-000 UNIT	04-158-533	ZJ		
145-022-247	DEEP112T			247	DEEP112T	041-000 UNIT	04-164-247	ZJ		145-022-554	GRD			554	GRD	041-000 UNIT	04-164-554	ZJ		145-028-534	DEEP229T			534	DEEP229T	041-000 UNIT	04-158-534	ZJ		145-028-534	DEEP229T			534	DEEP229T	041-000 UNIT	04-158-534	ZJ		
145-022-249	DEEP109C			249	DEEP109C	041-000 UNIT	04-164-249	ZJ		145-022-555	DEEP102C			555	DEEP102C	041-000 UNIT	04-164-555	ZJ		145-028-535	GRD			535	GRD	041-000 UNIT	04-158-535	ZJ		145-028-535	GRD			535	GRD	041-000 UNIT	04-158-535	ZJ		
145-022-250	DEEP108T			250	DEEP108T	041-000 UNIT	04-164-250	ZJ		145-022-556	DEEP101T			556	DEEP101T	041-000 UNIT	04-164-556	ZJ		145-028-536	DEEP226C			536	DEEP226C	041-000 UNIT	04-158-536	ZJ		145-028-536	DEEP226C			536	DEEP226C	041-000 UNIT	04-158-536	ZJ		
145-022-252	DEEP105C			252	DEEP105C	041-000 UNIT	04-164-252	ZJ						557						145-028-537	DEEP225T			537	DEEP225T	041-000 UNIT	04-158-537	ZJ		145-028-537	DEEP225T			537	DEEP225T	041-000 UNIT	04-158-537	ZJ		
145-022-253	DEEP104T			253	DEEP104T	041-000 UNIT	04-164-253	ZJ						558	GRD	041-000 UNIT	04-158-538	ZJ		145-028-538	GRD			538	GRD	041-000 UNIT	04-158-538	ZJ		145-028-538	GRD			538	GRD	041-000 UNIT	04-158-538	ZJ		
145-022-255	DEEP101C			255	DEEP101C	041-000 UNIT	04-164-255	ZJ		145-028-232	GRD			232	GRD	041-000 UNIT	04-158-232	ZJ		145-028-545	DEEP222C			539	DEEP222C	041-000 UNIT	04-158-539	ZJ		145-028-539	DEEP222C			539	DEEP222C	041-000 UNIT	04-158-539	ZJ		
145-022-256	DEEP100T			256	DEEP100T	041-000 UNIT	04-164-256	ZJ		145-028-233	DEEP229C			233	DEEP229C	041-000 UNIT	04-158-233	ZJ		145-028-546	DEEP221T			540	DEEP221T	041-000 UNIT	04-158-540	ZJ		145-028-540	DEEP221T			540	DEEP221T	041-000 UNIT	04-158-540	ZJ		
145-022-332	DEEP131T			332	DEEP131T	041-000 UNIT	04-164-332	ZJ		145-028-234	DEEP228T			234	DEEP228T	041-000 UNIT	04-158-234	ZJ		145-028-541	GRD			541	GRD	041-000 UNIT	04-158-541	ZJ		145-028-541	GRD			541	GRD	041-000 UNIT	04-158-541	ZJ		
145-022-333	GRD			333	GRD	041-000 UNIT	04-164-333	ZJ		145-028-236	DEEP225C			236	DEEP225C	041-000 UNIT	04-158-236	ZJ		145-028-542	DEEP218C			542	DEEP218C	041-000 UNIT	04-158-542	ZJ		145-028-542	DEEP218C			542	DEEP218C	041-000 UNIT	04-158-542	ZJ		
145-022-334	DEEP128C			334	DEEP128C	041-000 UNIT	04-164-334	ZJ		145-028-237	DEEP224T			237	DEEP224T	041-000 UNIT	04-158-237	ZJ		145-028-543	DEEP217T			543	DEEP217T	041-000 UNIT	04-158-543	ZJ		145-028-543	DEEP217T			543	DEEP217T	041-000 UNIT	04-158-543	ZJ		
145-022-335	DEEP127T			335	DEEP127T	041-000 UNIT	04-164-335	ZJ						238	NC									544	NC										544	NC				
145-022-336	GRD			336	GRD	041-000 UNIT	04-164-336	ZJ		145-028-239	DEEP221C			239	DEEP221C	041-000 UNIT	04-158-239	ZJ		145-028-545	DEEP214C			545	DEEP214C	041-000 UNIT	04-158-545	ZJ		145-028-545	DEEP214C			545	DEEP214C	041-000 UNIT	04-158-545	ZJ		
145-022-337	DEEP124C			337	DEEP124C	041-000 UNIT	04-164-337	ZJ		145-028-240	DEEP220T			240	DEEP220T	041-000 UNIT	04-158-240	ZJ		145-028-547	DEEP213T			547	DEEP213T	041-000 UNIT	04-158-547	ZJ		145-028-547	DEEP213T			547	DEEP213T	041-000 UNIT	04-158-547	ZJ		
145-022-338	DEEP123T			338	DEEP123T	041-000 UNIT	04-164-338	ZJ		145-028-242	DEEP217C			242																										

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DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
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DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
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DESTINATION	LEAD DESIG	METHOD	WIRE SIZ	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
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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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J4										J4										J5										J5										
845-014										845-014 (CONT'D)										845-022										845-022 (CONT'D)										
JACK/UNIT (EBC)										JACK/UNIT (EBC)										JACK/UNIT (EBC)										JACK/UNIT (EBC)										
745-170-232	GRD			232	GRD	841-000 UNIT	04-014-232	ZE		745-170-542	1EEP018C			542	1EEP018C	841-000 UNIT	04-014-542	ZE		745-164-447	GRD			447	GRD	841-000 UNIT	04-022-447	ZE		745-164-447	GRD			447	GRD	841-000 UNIT	04-022-447	ZE		
745-170-233	1EEP029C			233	1EEP029C	841-000 UNIT	04-014-233	ZE		745-170-543	1EEP017T			543	1EEP017T	841-000 UNIT	04-014-543	ZE		745-164-448	1EEP111C			448	1EEP111C	841-000 UNIT	04-022-448	ZE		745-164-448	1EEP111C			448	1EEP111C	841-000 UNIT	04-022-448	ZE		
745-170-234	1EEP028T			234	1EEP028T	841-000 UNIT	04-014-234	ZE						544						745-164-449	1EEP110T			449	1EEP110T	841-000 UNIT	04-022-449	ZE		745-164-449	1EEP110T			449	1EEP110T	841-000 UNIT	04-022-449	ZE		
	NC			235										545	GRD	841-000 UNIT	04-014-545	ZE						450	NC															
745-170-236	1EEP025C			236	1EEP025C	841-000 UNIT	04-014-236	ZE		745-170-545	GRD			545	GRD	841-000 UNIT	04-014-545	ZE		745-164-451	1EEP107C			451	1EEP107C	841-000 UNIT	04-022-451	ZE		745-164-451	1EEP107C			451	1EEP107C	841-000 UNIT	04-022-451	ZE		
745-170-237	1EEP024T			237	1EEP024T	841-000 UNIT	04-014-237	ZE		745-170-546	1EEP014C			546	1EEP014C	841-000 UNIT	04-014-546	ZE		745-164-452	1EEP106T			452	1EEP106T	841-000 UNIT	04-022-452	ZE		745-164-452	1EEP106T			452	1EEP106T	841-000 UNIT	04-022-452	ZE		
	NC			238						745-170-547	1EEP013T			547	1EEP013T	841-000 UNIT	04-014-547	ZE						453	NC															
745-170-239	1EEP021C			239	1EEP021C	841-000 UNIT	04-014-239	ZE		745-170-548	GRD			548	GRD	841-000 UNIT	04-014-548	ZE		745-164-454	1EEP103C			454	1EEP103C	841-000 UNIT	04-022-454	ZE		745-164-454	1EEP103C			454	1EEP103C	841-000 UNIT	04-022-454	ZE		
745-170-240	1EEP020T			240	1EEP020T	841-000 UNIT	04-014-240	ZE		745-170-549	1EEP010C			549	1EEP010C	841-000 UNIT	04-014-549	ZE		745-164-455	1EEP102T			455	1EEP102T	841-000 UNIT	04-022-455	ZE		745-164-455	1EEP102T			455	1EEP102T	841-000 UNIT	04-022-455	ZE		
	NC			241						745-170-550	1EEP009T			550	1EEP009T	841-000 UNIT	04-014-550	ZE						456	NC															
745-170-242	1EEP017C			242	1EEP017C	841-000 UNIT	04-014-242	ZE		745-170-551	GRD			551	GRD	841-000 UNIT	04-014-551	ZE		745-164-532	GRD			532	GRD	841-000 UNIT	04-022-532	ZE		745-164-532	GRD			532	GRD	841-000 UNIT	04-022-532	ZE		
745-170-243	1EEP016T			243	1EEP016T	841-000 UNIT	04-014-243	ZE		745-170-552	1EEP006C			552	1EEP006C	841-000 UNIT	04-014-552	ZE		745-164-533	1EEP130C			533	1EEP130C	841-000 UNIT	04-022-533	ZE		745-164-533	1EEP130C			533	1EEP130C	841-000 UNIT	04-022-533	ZE		
	NC			244						745-170-553	1EEP005T			553	1EEP005T	841-000 UNIT	04-014-553	ZE		745-164-534	1EEP129T			534	1EEP129T	841-000 UNIT	04-022-534	ZE		745-164-534	1EEP129T			534	1EEP129T	841-000 UNIT	04-022-534	ZE		
745-170-245	GRD			245	GRD	841-000 UNIT	04-014-245	ZE		745-170-554	GRD			554	GRD	841-000 UNIT	04-014-554	ZE		745-164-535	GRD			535	GRD	841-000 UNIT	04-022-535	ZE		745-164-535	GRD			535	GRD	841-000 UNIT	04-022-535	ZE		
745-170-246	1EEP013C			246	1EEP013C	841-000 UNIT	04-014-246	ZE		745-170-555	1EEP002C			555	1EEP002C	841-000 UNIT	04-014-555	ZE		745-164-536	1EEP126C			536	1EEP126C	841-000 UNIT	04-022-536	ZE		745-164-536	1EEP126C			536	1EEP126C	841-000 UNIT	04-022-536	ZE		
745-170-247	1EEP012T			247	1EEP012T	841-000 UNIT	04-014-247	ZE		745-170-556	1EEP001T			556	1EEP001T	841-000 UNIT	04-014-556	ZE		745-164-537	1EEP125T			537	1EEP125T	841-000 UNIT	04-022-537	ZE		745-164-537	1EEP125T			537	1EEP125T	841-000 UNIT	04-022-537	ZE		
	NC			248																																				
745-170-249	1EEP009C			249	1EEP009C	841-000 UNIT	04-014-249	ZE						232	GRD	841-000 UNIT	04-022-232	ZE		745-164-538	GRD			538	GRD	841-000 UNIT	04-022-538	ZE		745-164-538	GRD			538	GRD	841-000 UNIT	04-022-538	ZE		
745-170-250	1EEP008T			250	1EEP008T	841-000 UNIT	04-014-250	ZE		745-164-233	1EEP129C			233	1EEP129C	841-000 UNIT	04-022-233	ZE		745-164-539	1EEP122C			539	1EEP122C	841-000 UNIT	04-022-539	ZE		745-164-539	1EEP122C			539	1EEP122C	841-000 UNIT	04-022-539	ZE		
	NC			251						745-164-234	1EEP128T			234	1EEP128T	841-000 UNIT	04-022-234	ZE		745-164-540	1EEP121T			540	1EEP121T	841-000 UNIT	04-022-540	ZE		745-164-540	1EEP121T			540	1EEP121T	841-000 UNIT	04-022-540	ZE		
745-170-252	1EEP005C			252	1EEP005C	841-000 UNIT	04-014-252	ZE						235											541	GRD	841-000 UNIT	04-022-541	ZE		745-164-541	GRD			541	GRD	841-000 UNIT	04-022-541	ZE	
745-170-253	1EEP004T			253	1EEP004T	841-000 UNIT	04-014-253	ZE		745-164-236	1EEP125C			236	1EEP125C	841-000 UNIT	04-022-236	ZE		745-164-542	1EEP118C			542	1EEP118C	841-000 UNIT	04-022-542	ZE		745-164-542	1EEP118C			542	1EEP118C	841-000 UNIT	04-022-542	ZE		
	NC			254						745-164-237	1EEP124T			237	1EEP124T	841-000 UNIT	04-022-237	ZE		745-164-543	1EEP117T			543	1EEP117T	841-000 UNIT	04-022-543	ZE		745-164-543	1EEP117T			543	1EEP117T	841-000 UNIT	04-022-543	ZE		
745-170-255	1EEP001C			255	1EEP001C	841-000 UNIT	04-014-255	ZE						238											544	NC														
745-170-256	1EEP000T			256	1EEP000T	841-000 UNIT	04-014-256	ZE		745-164-238	1EEP121C			238	1EEP121C	841-000 UNIT	04-022-238	ZE		745-164-545	GRD			545	GRD	841-000 UNIT	04-022-545	ZE		745-164-545	GRD			545	GRD	841-000 UNIT	04-022-545	ZE		
745-170-332	1EEP031T			332	1EEP031T	841-000 UNIT	04-014-332	ZE		745-164-239	1EEP120T			239	1EEP120T	841-000 UNIT	04-022-239	ZE		745-164-546	1EEP114C			546	1EEP114C	841-000 UNIT	04-022-546	ZE		745-164-546	1EEP114C			546	1EEP114C	841-000 UNIT	04-022-546	ZE		
745-170-333	GRD			333	GRD	841-000 UNIT	04-014-333	ZE		745-164-240	1EEP117C			240	1EEP117C	841-000 UNIT	04-022-240	ZE		745-164-547	1EEP113T			547	1EEP113T	841-000 UNIT	04-022-547	ZE		745-164-547	1EEP113T			547	1EEP113T	841-000 UNIT	04-022-547	ZE		
745-170-334	1EEP028C			334	1EEP028C	841-000 UNIT	04-014-334	ZE		745-164-241	1EEP116T			241																										

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(CONT'D)

TO CONNECTION		FROM CONNECTION		TO CONNECTION		FROM CONNECTION	
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J6		845-028		JACK/UNIT (EBU)			
745-158-232	GRD			232	GRD	841-000 UNIT	04-028-232
745-158-233	1EEP229C			233	1EEP229C	841-000 UNIT	04-028-233
745-158-234	1EEP228T			234	1EEP228T	841-000 UNIT	04-028-234
	NC			235			
745-158-236	1EEP225C			236	1EEP225C	841-000 UNIT	04-028-236
745-158-237	1EEP224T			237	1EEP224T	841-000 UNIT	04-028-237
	NC			238			
745-158-239	1EEP221C			239	1EEP221C	841-000 UNIT	04-028-239
745-158-240	1EEP220T			240	1EEP220T	841-000 UNIT	04-028-240
	NC			241			
745-158-242	1EEP217C			242	1EEP217C	841-000 UNIT	04-028-242
745-158-243	1EEP216T			243	1EEP216T	841-000 UNIT	04-028-243
	NC			244			
745-158-245	GRD			245	GRD	841-000 UNIT	04-028-245
745-158-246	1EEP213C			246	1EEP213C	841-000 UNIT	04-028-246
745-158-247	1EEP212T			247	1EEP212T	841-000 UNIT	04-028-247
	NC			248			
745-158-249	1EEP209C			249	1EEP209C	841-000 UNIT	04-028-249
745-158-250	1EEP208T			250	1EEP208T	841-000 UNIT	04-028-250
	NC			251			
745-158-252	1EEP205C			252	1EEP205C	841-000 UNIT	04-028-252
745-158-253	1EEP204T			253	1EEP204T	841-000 UNIT	04-028-253
	NC			254			
745-158-255	1EEP201C			255	1EEP201C	841-000 UNIT	04-028-255
745-158-256	1EEP200T			256	1EEP200T	841-000 UNIT	04-028-256
745-158-332	1EEP231T			332	1EEP231T	841-000 UNIT	04-028-332
745-158-333	GRD			333	GRD	841-000 UNIT	04-028-333
745-158-334	1EEP228C			334	1EEP228C	841-000 UNIT	04-028-334
745-158-335	1EEP227T			335	1EEP227T	841-000 UNIT	04-028-335
745-158-336	GRD			336	GRD	841-000 UNIT	04-028-336
745-158-337	1EEP224C			337	1EEP224C	841-000 UNIT	04-028-337
745-158-338	1EEP223T			338	1EEP223T	841-000 UNIT	04-028-338
745-158-339	GRD			339	GRD	841-000 UNIT	04-028-339
745-158-340	1EEP220C			340	1EEP220C	841-000 UNIT	04-028-340
745-158-341	1EEP219T			341	1EEP219T	841-000 UNIT	04-028-341
745-158-342	GRD			342	GRD	841-000 UNIT	04-028-342
745-158-343	1EEP216C			343	1EEP216C	841-000 UNIT	04-028-343
	NC			344			
745-158-345	1EEP215T			345	1EEP215T	841-000 UNIT	04-028-345
745-158-346	GRD			346	GRD	841-000 UNIT	04-028-346
745-158-347	1EEP212C			347	1EEP212C	841-000 UNIT	04-028-347
745-158-348	1EEP211T			348	1EEP211T	841-000 UNIT	04-028-348
745-158-349	GRD			349	GRD	841-000 UNIT	04-028-349
745-158-350	1EEP208C			350	1EEP208C	841-000 UNIT	04-028-350
745-158-351	1EEP207T			351	1EEP207T	841-000 UNIT	04-028-351
745-158-352	GRD			352	GRD	841-000 UNIT	04-028-352
745-158-353	1EEP204C			353	1EEP204C	841-000 UNIT	04-028-353
745-158-354	1EEP203T			354	1EEP203T	841-000 UNIT	04-028-354
745-158-355	GRD			355	GRD	841-000 UNIT	04-028-355
745-158-356	1EEP200C			356	1EEP200C	841-000 UNIT	04-028-356
745-158-432	1EEP231C			432	1EEP231C	841-000 UNIT	04-028-432
745-158-433	1EEP230T			433	1EEP230T	841-000 UNIT	04-028-433
745-158-434	GRD			434	GRD	841-000 UNIT	04-028-434
745-158-435	1EEP227C			435	1EEP227C	841-000 UNIT	04-028-435
745-158-436	1EEP226T			436	1EEP226T	841-000 UNIT	04-028-436
	NC			437			
745-158-438	1EEP223C			438	1EEP223C	841-000 UNIT	04-028-438
745-158-439	1EEP222T			439	1EEP222T	841-000 UNIT	04-028-439
	NC			440			
745-158-441	1EEP219C			441	1EEP219C	841-000 UNIT	04-028-441
745-158-442	1EEP218T			442	1EEP218T	841-000 UNIT	04-028-442
	NC			443			
745-158-445	1EEP215C			445	1EEP215C	841-000 UNIT	04-028-445
745-158-446	1EEP214T			446	1EEP214T	841-000 UNIT	04-028-446
745-158-447	GRD			447	GRD	841-000 UNIT	04-028-447
745-158-448	1EEP211C			448	1EEP211C	841-000 UNIT	04-028-448
745-158-449	1EEP210T			449	1EEP210T	841-000 UNIT	04-028-449
	NC			450			
745-158-451	1EEP207C			451	1EEP207C	841-000 UNIT	04-028-451
745-158-452	1EEP206T			452	1EEP206T	841-000 UNIT	04-028-452
	NC			453			
745-158-454	1EEP203C			454	1EEP203C	841-000 UNIT	04-028-454
745-158-455	1EEP202T			455	1EEP202T	841-000 UNIT	04-028-455
	NC			456			
745-158-532	GRD			532	GRD	841-000 UNIT	04-028-532
745-158-533	1EEP230C			533	1EEP230C	841-000 UNIT	04-028-533
745-158-534	1EEP229T			534	1EEP229T	841-000 UNIT	04-028-534
745-158-535	GRD			535	GRD	841-000 UNIT	04-028-535
745-158-536	1EEP226C			536	1EEP226C	841-000 UNIT	04-028-536
745-158-537	1EEP225T			537	1EEP225T	841-000 UNIT	04-028-537
745-158-538	GRD			538	GRD	841-000 UNIT	04-028-538
745-158-539	1EEP222C			539	1EEP222C	841-000 UNIT	04-028-539
745-158-540	1EEP221T			540	1EEP221T	841-000 UNIT	04-028-540
745-158-541	GRD			541	GRD	841-000 UNIT	04-028-541

AP FIG 19 CAD 081
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TO CONNECTION		FROM CONNECTION		TO CONNECTION		FROM CONNECTION	
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J6		845-028		JACK/UNIT (EBU)			
745-158-542	1EEP218C			542	1EEP218C	841-000 UNIT	04-028-542
745-158-543	1EEP217T			543	1EEP217T	841-000 UNIT	04-028-543
	NC			544			
745-158-545	GRD			545	GRD	841-000 UNIT	04-028-545
745-158-546	1EEP214C			546	1EEP214C	841-000 UNIT	04-028-546
745-158-547	1EEP213T			547	1EEP213T	841-000 UNIT	04-028-547
745-158-548	GRD			548	GRD	841-000 UNIT	04-028-548
745-158-549	1EEP210C			549	1EEP210C	841-000 UNIT	04-028-549
745-158-550	1EEP209T			550	1EEP209T	841-000 UNIT	04-028-550
745-158-551	GRD			551	GRD	841-000 UNIT	04-028-551
745-158-552	1EEP206C			552	1EEP206C	841-000 UNIT	04-028-552
745-158-553	1EEP205T			553	1EEP205T	841-000 UNIT	04-028-553
745-158-554	GRD			554	GRD	841-000 UNIT	04-028-554
745-158-555	1EEP202C			555	1EEP202C	841-000 UNIT	04-028-555
745-158-556	1EEP201T			556	1EEP201T	841-000 UNIT	04-028-556

TO CONNECTION		FROM CONNECTION		TO CONNECTION		FROM CONNECTION	
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J1		945-006		JACK/UNIT (EBU)			
845-176-200	GRD			200	GRD		
845-176-201	1EEMXM1C			201	1EEMXM1C	941-000 UNIT	04-006-201
845-176-202	1EEMXM0T			202	1EEMXM0T	941-000 UNIT	04-006-202
	NC			203			
845-176-204	1SPARE0			204	1SPARE0	941-000 UNIT	04-006-204
845-176-205	1SPARE1			205	1SPARE1	941-000 UNIT	04-006-205
	NC			206			
845-176-207	1ESTER1C			207	1ESTER1C	941-000 UNIT	04-006-207
845-176-208	1ESTCD1T			208	1ESTCD1T	941-000 UNIT	04-006-208
	NC			209			
845-176-210	1SPARE16			210	1SPARE16	941-000 UNIT	04-006-210
845-176-211	1SPARE17			211	1SPARE17	941-000 UNIT	04-006-211
	NC			212			
845-176-213	GRD			213	GRD		
845-176-214	1SPARE2			214	1SPARE2	941-000 UNIT	04-006-214
845-176-215	1SPARE3			215	1SPARE3	941-000 UNIT	04-006-215
	NC			216			
845-176-217	1EEMSY1C			217	1EEMSY1C	941-000 UNIT	04-006-217
845-176-218	1EEM651T			218	1EEM651T	941-000 UNIT	04-006-218
	NC			219			
845-176-220	1EELSY3C			220	1EELSY3C	941-000 UNIT	04-006-220
845-176-221	1EEL653T			221	1EEL653T	941-000 UNIT	04-006-221
	NC			222			
845-176-223	1SPARE4			223	1SPARE4	941-000 UNIT	04-006-223
845-176-224	1SPARE5			224	1SPARE5	941-000 UNIT	04-006-224
845-176-300	1EEMXM3T			300	1EEMXM3T	941-000 UNIT	04-006-300
845-176-301	GRD			301	GRD		
845-176-302	1EEMXM0C			302	1EEMXM0C	941-000 UNIT	04-006-302
845-176-303	1EEMCADT			303	1EEMCADT	941-000 UNIT	04-006-303
845-176-304	GRD			304	GRD		
845-176-305	1SPARE6			305	1SPARE6	941-000 UNIT	04-006-305
845-176-306	1ESTER0T			306	1ESTER0T	941-000 UNIT	04-006-306
845-176-307	GRD			307	GRD		
845-176-308	1ESTCD1C			308	1ESTCD1C	941-000 UNIT	04-006-308
845-176-309	1ESTER2T			309	1ESTER2T	941-000 UNIT	04-006-309
845-176-310	GRD			310	GRD		
845-176-311	1SPARE19			311	1SPARE19	941-000 UNIT	04-006-311
	NC			312			
845-176-313	1SPARE7			313	1SPARE7	941-000 UNIT	04-006-313
845-176-314	GRD			314	GRD		
845-176-315	1SPARE8			315	1SPARE8	941-000 UNIT	04-006-315
845-176-316	1EEMSY0T			316	1EEMSY0T	941-000 UNIT	04-006-316
845-176-317	GRD			317	GRD		
845-176-318	1EEM651C			318	1EEM651C	941-000 UNIT	04-006-318
845-176-319	1EEMSY2T			319	1EEMSY2T	941-000 UNIT	04-006-319
845-176-320	GRD			320	GRD		
845-176-321	1EEL653C			321	1EEL653C	941-000 UNIT	04-006-321
845-176-322	1EELSY4T			322	1EELSY4T	941-000 UNIT	04-006-322
845-176-323	GRD			323	GRD		
845-176-324	1SPARE9			324	1SPARE9	941-000 UNIT	04-006-324
845-176-400	1EEMXM3C			400	1EEMXM3C	941-000 UNIT	04-006

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—TO CONNECTION

—FROM CONNECTION—

—TO CONNECTION—

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—TO CONNECTION

—FROM CONNECTION

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		Q	3B
AT&T	SD-5D144-02		GB87

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AP FIG 19 CAD 082

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AP FIG 19 CAD 082

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AP FIG 19 CAD 082

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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										
J4										J4										J5										J5									
945-014 JACK/UNIT (E8U)										945-014 JACK/UNIT (E8U)										945-022 JACK/UNIT (E8U)										945-022 JACK/UNIT (E8U)									
845-170-232	GRD			232	GRD	941-000 UNIT	04-014-232	ZF		845-170-542	1EEP018C			542	1EEP018C	941-000 UNIT	04-014-542	ZF		845-164-447	GRD			447	GRD	941-000 UNIT	04-022-447	ZF											
845-170-233	1EEP029C			233	1EEP029C	941-000 UNIT	04-014-233	ZF		845-170-543	1EEP017T			543	1EEP017T	941-000 UNIT	04-014-543	ZF		845-164-448	1EEP111C			448	1EEP111C	941-000 UNIT	04-022-448	ZF											
845-170-234	1EEP028T			234	1EEP028T	941-000 UNIT	04-014-234	ZF						544						845-164-449	1EEP110T			449	1EEP110T	941-000 UNIT	04-022-449	ZF											
	NC			235										545										450															
845-170-236	1EEP025C			236	1EEP025C	941-000 UNIT	04-014-236	ZF		845-170-545	GRD			545	GRD	941-000 UNIT	04-014-545	ZF		845-164-451	1EEP107C			451	1EEP107C	941-000 UNIT	04-022-451	ZF											
845-170-237	1EEP024T			237	1EEP024T	941-000 UNIT	04-014-237	ZF		845-170-546	1EEP014C			546	1EEP014C	941-000 UNIT	04-014-546	ZF		845-164-452	1EEP106T			452	1EEP106T	941-000 UNIT	04-022-452	ZF											
	NC			238						845-170-547	1EEP013T			547	1EEP013T	941-000 UNIT	04-014-547	ZF						453															
845-170-239	1EEP021C			239	1EEP021C	941-000 UNIT	04-014-239	ZF		845-170-548	GRD			548	GRD	941-000 UNIT	04-014-548	ZF		845-164-454	1EEP103C			454	1EEP103C	941-000 UNIT	04-022-454	ZF											
845-170-240	1EEP020T			240	1EEP020T	941-000 UNIT	04-014-240	ZF		845-170-549	1EEP010C			549	1EEP010C	941-000 UNIT	04-014-549	ZF		845-164-455	1EEP102T			455	1EEP102T	941-000 UNIT	04-022-455	ZF											
	NC			241						845-170-550	1EEP009T			550	1EEP009T	941-000 UNIT	04-014-550	ZF						456															
845-170-242	1EEP017C			242	1EEP017C	941-000 UNIT	04-014-242	ZF		845-170-551	GRD			551	GRD	941-000 UNIT	04-014-551	ZF						457															
845-170-243	1EEP016T			243	1EEP016T	941-000 UNIT	04-014-243	ZF		845-170-552	1EEP006C			552	1EEP006C	941-000 UNIT	04-014-552	ZF		845-164-532	GRD			532	GRD	941-000 UNIT	04-022-532	ZF											
	NC			244						845-170-553	1EEP005T			553	1EEP005T	941-000 UNIT	04-014-553	ZF		845-164-533	1EEP130C			533	1EEP130C	941-000 UNIT	04-022-533	ZF											
845-170-245	GRD			245	GRD	941-000 UNIT	04-014-245	ZF		845-170-554	GRD			554	GRD	941-000 UNIT	04-014-554	ZF		845-164-534	1EEP129T			534	1EEP129T	941-000 UNIT	04-022-534	ZF											
845-170-246	1EEP013C			246	1EEP013C	941-000 UNIT	04-014-246	ZF		845-170-555	1EEP002C			555	1EEP002C	941-000 UNIT	04-014-555	ZF		845-164-535	GRD			535	GRD	941-000 UNIT	04-022-535	ZF											
845-170-247	1EEP012T			247	1EEP012T	941-000 UNIT	04-014-247	ZF		845-170-556	1EEP001T			556	1EEP001T	941-000 UNIT	04-014-556	ZF		845-164-536	1EEP126C			536	1EEP126C	941-000 UNIT	04-022-536	ZF											
	NC			248										557						845-164-537	1EEP125T			537	1EEP125T	941-000 UNIT	04-022-537	ZF											
845-170-249	1EEP009C			249	1EEP009C	941-000 UNIT	04-014-249	ZF						558						845-164-538	GRD			538	GRD	941-000 UNIT	04-022-538	ZF											
845-170-250	1EEP008T			250	1EEP008T	941-000 UNIT	04-014-250	ZF						559						845-164-539	1EEP122C			539	1EEP122C	941-000 UNIT	04-022-539	ZF											
	NC			251						845-164-232	GRD			232	GRD	941-000 UNIT	04-022-232	ZF		845-164-540	1EEP121T			540	1EEP121T	941-000 UNIT	04-022-540	ZF											
845-170-252	1EEP005C			252	1EEP005C	941-000 UNIT	04-014-252	ZF		845-164-233	1EEP129C			233	1EEP129C	941-000 UNIT	04-022-233	ZF		845-164-541	GRD			541	GRD	941-000 UNIT	04-022-541	ZF											
845-170-253	1EEP004T			253	1EEP004T	941-000 UNIT	04-014-253	ZF		845-164-234	1EEP128T			234	1EEP128T	941-000 UNIT	04-022-234	ZF		845-164-542	1EEP118C			542	1EEP118C	941-000 UNIT	04-022-542	ZF											
	NC			254										235						845-164-543	1EEP117T			543	1EEP117T	941-000 UNIT	04-022-543	ZF											
845-170-255	1EEP001C			255	1EEP001C	941-000 UNIT	04-014-255	ZF						236										544															
845-170-256	1EEP000T			256	1EEP000T	941-000 UNIT	04-014-256	ZF		845-164-236	1EEP125C			236	1EEP125C	941-000 UNIT	04-022-236	ZF		845-164-545	GRD			545	GRD	941-000 UNIT	04-022-545	ZF											
845-170-332	1EEP031T			332	1EEP031T	941-000 UNIT	04-014-332	ZF		845-164-237	1EEP124T			237	1EEP124T	941-000 UNIT	04-022-237	ZF		845-164-546	1EEP114C			546	1EEP114C	941-000 UNIT	04-022-546	ZF											
845-170-333	GRD			333	GRD	941-000 UNIT	04-014-333	ZF						238						845-164-547	1EEP113T			547	1EEP113T	941-000 UNIT	04-022-547	ZF											
845-170-334	1EEP028C			334	1EEP028C	941-000 UNIT	04-014-334	ZF		845-164-239	1EEP121C			239	1EEP121C	941-000 UNIT	04-022-239	ZF		845-164-548	GRD			548	GRD	941-000 UNIT	04-022-548	ZF											
845-170-335	1EEP027T			335	1EEP027T	941-000 UNIT	04-014-335	ZF		845-164-240	1EEP120T			240	1EEP120T	941-000 UNIT	04-022-240	ZF		845-164-549	1EEP110C			549	1EEP110C	941-000 UNIT	04-022-549	ZF											
845-170-336	GRD			336	GRD	941-000 UNIT	04-014-336	ZF						241						845-164-550	1EEP109T			550	1EEP109T	941-000 UNIT	04-022-550	ZF											
845-170-337	1EEP024C			337	1EEP024C	941-000 UNIT	04-014-337	ZF		845-164-242	1EEP117C			242	1EEP117C	941-000 UNIT	04-022-242	ZF		845-164-551	GRD			551	GRD	941-000 UNIT	04-022-551	ZF											
845-170-338	1EEP023T			338	1EEP023T	941-000 UNIT	04-014-338	ZF		845-164-243	1EEP116T			243	1EEP116T	941-000 UNIT	04-022-243	ZF		845-164-552	1EEP106C			552	1EEP106C	941-000 UNIT	04-022-552	ZF											
845-170-339	GRD			339	GRD	941-000 UNIT	04-014-339	ZF						244						845-164-553	1EEP105T			553	1EEP105T	941-000 UNIT	04-022-553	ZF											
845-170-340	1EEP020C			340	1EEP020C	941-000 UNIT	04-014-340	ZF		845-164-245	GRD			245	GRD	941-000 UNIT	04-022-245	ZF		845-164-554	GRD			554	GRD	941-000 UNIT	04-022-554	ZF											
845-170-341	1EEP019T			341	1EEP019T	941-000 UNIT	04-014-341	ZF		845-164-246	1EEP113C			246	1EEP113C	941-000 UNIT	04-022-246	ZF		845-164-555	1EEP102C			555	1EEP102C	941-000 UNIT	04-022-555	ZF											
845-170-342	GRD			342	GRD	941-000 UNIT	04-014-342	ZF		845-164-247	1EEP112T			247																									

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC		OMG SIZE	
		CZ	ISSUE 3B
AT&T	SD-SD144-02		GB90

AP FIG 19 CAD 083

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AP FIG 19 CAD 083

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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	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										
J2										J2										J3										J3										J3										J3									
1045-006										1045-006 (CONT'D)										1045-014										1045-014 (CONT'D)										1045-014 (CONT'D)										1045-014 (CONT'D)									
945-176-232	GRD			232	GRD	1041-000 UNIT	04-006-232	ZG		945-176-542	1EECDATC			542	1EECDATC	1041-000 UNIT	04-006-542	ZG		145-170-415	GRD			415	GRD	1041-000 UNIT	04-014-415	ZG		145-170-415	GRD			415	GRD	1041-000 UNIT	04-014-415	ZG		145-170-415	GRD			415	GRD	1041-000 UNIT	04-014-415	ZG											
945-176-233	1ESTER1C			233	1ESTER1C	1041-000 UNIT	04-006-233	ZG		945-176-543	1E1C01			543	1E1C01	1041-000 UNIT	04-006-543	ZG		145-170-416	0E0E003C			416	0E0E003C	1041-000 UNIT	04-014-416	ZG		145-170-416	0E0E003C			416	0E0E003C	1041-000 UNIT	04-014-416	ZG		145-170-416	0E0E003C			416	0E0E003C	1041-000 UNIT	04-014-416	ZG											
945-176-234	1ESTCD1T			234	1ESTCD1T	1041-000 UNIT	04-006-234	ZG						544						145-170-417	0E0E002T			417	0E0E002T	1041-000 UNIT	04-014-417	ZG		145-170-417	0E0E002T			417	0E0E002T	1041-000 UNIT	04-014-417	ZG		145-170-417	0E0E002T			417	0E0E002T	1041-000 UNIT	04-014-417	ZG											
	NC			235										545										418																																			
945-176-236	1ESTER3C			236	1ESTER3C	1041-000 UNIT	04-006-236	ZG		945-176-545	GRD			545	GRD	1041-000 UNIT	04-006-545	ZG		145-170-419	0E0E015C			419	0E0E015C	1041-000 UNIT	04-014-419	ZG		145-170-419	0E0E015C			419	0E0E015C	1041-000 UNIT	04-014-419	ZG		145-170-419	0E0E015C			419	0E0E015C	1041-000 UNIT	04-014-419	ZG											
945-176-237	1ESTCD3T			237	1ESTCD3T	1041-000 UNIT	04-006-237	ZG		945-176-546	1EEK652C			546	1EEK652C	1041-000 UNIT	04-006-546	ZG		145-170-420	0E0E014T			420	0E0E014T	1041-000 UNIT	04-014-420	ZG		145-170-420	0E0E014T			420	0E0E014T	1041-000 UNIT	04-014-420	ZG		145-170-420	0E0E014T			420	0E0E014T	1041-000 UNIT	04-014-420	ZG											
	NC			238						945-176-547	1EEKSY3T			547	1EEKSY3T	1041-000 UNIT	04-006-547	ZG						421																																			
945-176-239	1EEKM1C			239	1EEKM1C	1041-000 UNIT	04-006-239	ZG		945-176-548	GRD			548	GRD	1041-000 UNIT	04-006-548	ZG		145-170-422	0E0E011C			422	0E0E011C	1041-000 UNIT	04-014-422	ZG		145-170-422	0E0E011C			422	0E0E011C	1041-000 UNIT	04-014-422	ZG		145-170-422	0E0E011C			422	0E0E011C	1041-000 UNIT	04-014-422	ZG											
945-176-240	1EEKM0T			240	1EEKM0T	1041-000 UNIT	04-006-240	ZG		945-176-549	1EEK654C			549	1EEK654C	1041-000 UNIT	04-006-549	ZG		145-170-423	0E0E010T			423	0E0E010T	1041-000 UNIT	04-014-423	ZG		145-170-423	0E0E010T			423	0E0E010T	1041-000 UNIT	04-014-423	ZG		145-170-423	0E0E010T			423	0E0E010T	1041-000 UNIT	04-014-423	ZG											
	NC			241						945-176-550	1E1DG1			550	1E1DG1	1041-000 UNIT	04-006-550	ZG						424																																			
945-176-242	1E1C00			242	1E1C00	1041-000 UNIT	04-006-242	ZG		945-176-551	GRD			551	GRD	1041-000 UNIT	04-006-551	ZG		145-157-000	GRD			500	GRD	1041-000 UNIT	04-014-500	ZG		145-157-000	GRD			500	GRD	1041-000 UNIT	04-014-500	ZG		145-157-000	GRD			500	GRD	1041-000 UNIT	04-014-500	ZG											
945-176-243	1E1CP1			243	1E1CP1	1041-000 UNIT	04-006-243	ZG		945-176-552	1ESTCD4C			552	1ESTCD4C	1041-000 UNIT	04-006-552	ZG		145-157-001	0E0E022C			501	0E0E022C	1041-000 UNIT	04-014-501	ZG		145-157-001	0E0E022C			501	0E0E022C	1041-000 UNIT	04-014-501	ZG		145-157-001	0E0E022C			501	0E0E022C	1041-000 UNIT	04-014-501	ZG											
	NC			244						945-176-553	1ESTER5T			553	1ESTER5T	1041-000 UNIT	04-006-553	ZG		145-157-002	0E0E021T			502	0E0E021T	1041-000 UNIT	04-014-502	ZG		145-157-002	0E0E021T			502	0E0E021T	1041-000 UNIT	04-014-502	ZG		145-157-002	0E0E021T			502	0E0E021T	1041-000 UNIT	04-014-502	ZG											
945-176-245	GRD			245	GRD	1041-000 UNIT	04-006-245	ZG		945-176-554	GRD			554	GRD	1041-000 UNIT	04-006-554	ZG		145-157-003	GRD			503	GRD	1041-000 UNIT	04-014-503	ZG		145-157-003	GRD			503	GRD	1041-000 UNIT	04-014-503	ZG		145-157-003	GRD			503	GRD	1041-000 UNIT	04-014-503	ZG											
945-176-246	1EEKSY3C			246	1EEKSY3C	1041-000 UNIT	04-006-246	ZG		945-176-555	1EEK650C			555	1EEK650C	1041-000 UNIT	04-006-555	ZG		145-157-004	0E0E018C			504	0E0E018C	1041-000 UNIT	04-014-504	ZG		145-157-004	0E0E018C			504	0E0E018C	1041-000 UNIT	04-014-504	ZG		145-157-004	0E0E018C			504	0E0E018C	1041-000 UNIT	04-014-504	ZG											
945-176-247	1EEK653T			247	1EEK653T	1041-000 UNIT	04-006-247	ZG		945-176-556	1EEKSY1T			556	1EEKSY1T	1041-000 UNIT	04-006-556	ZG		145-157-005	0E0E017T			505	0E0E017T	1041-000 UNIT	04-014-505	ZG		145-157-005	0E0E017T			505	0E0E017T	1041-000 UNIT	04-014-505	ZG		145-157-005	0E0E017T			505	0E0E017T	1041-000 UNIT	04-014-505	ZG											
	NC			248																145-157-006	GRD			506	GRD	1041-000 UNIT	04-014-506	ZG		145-157-006	GRD			506	GRD	1041-000 UNIT	04-014-506	ZG		145-157-006	GRD			506	GRD	1041-000 UNIT	04-014-506	ZG											
945-176-249	1E1DG0			249	1E1DG0	1041-000 UNIT	04-006-249	ZG						200	GRD	1041-000 UNIT	04-014-200	ZG		145-157-007	0E0E030C			507	0E0E030C	1041-000 UNIT	04-014-507	ZG		145-157-007	0E0E030C			507	0E0E030C	1041-000 UNIT	04-014-507	ZG		145-157-007	0E0E030C			507	0E0E030C	1041-000 UNIT	04-014-507	ZG											
945-176-250	1E1DH1			250	1E1DH1	1041-000 UNIT	04-006-250	ZG						201	0E0E021C	1041-000 UNIT	04-014-201	ZG		145-157-008	0E0E029T			508	0E0E029T	1041-000 UNIT	04-014-508	ZG		145-157-008	0E0E029T			508	0E0E029T	1041-000 UNIT	04-014-508	ZG		145-157-008	0E0E029T			508	0E0E029T	1041-000 UNIT	04-014-508	ZG											
	NC			251										202	0E0E020T	1041-000 UNIT	04-014-202	ZG		145-157-009	GRD			509	GRD	1041-000 UNIT	04-014-509	ZG		145-157-009	GRD			509	GRD	1041-000 UNIT	04-014-509	ZG		145-157-009	GRD			509	GRD	1041-000 UNIT	04-014-509	ZG											
945-176-252	1ESTER5C			252	1ESTER5C	1041-000 UNIT	04-006-252	ZG						203	NC					145-157-010	0E0E026C			510	0E0E026C	1041-000 UNIT	04-014-510	ZG		145-157-010	0E0E026C			510	0E0E026C	1041-000 UNIT	04-014-510	ZG		145-157-010	0E0E026C			510	0E0E026C	1041-000 UNIT	04-014-510	ZG											
945-176-253	1ESTCD5T			253	1ESTCD5T	1041-000 UNIT	04-006-253	ZG						204	0E0E017C																																												

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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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J7										J7										J8										J8									
1045-022 JACK/UNIT (EBU).....										1045-022 (CONT'D) JACK/UNIT (EBU).....										1045-028 (CONT'D) JACK/UNIT (EBU).....										1045-028 (CONT'D) JACK/UNIT (EBU).....									
NC	200									NC	510									945-158-015	GRD			415	GRD	1041-000 UNIT	04-028-415	ZG		945-158-016	1E5E203C			416	1E5E203C	1041-000 UNIT	04-028-416	ZG	
NC	201									NC	511									945-158-017	1E5E202T			417	1E5E202T	1041-000 UNIT	04-028-417	ZG		945-158-019	1E5E215C			419	1E5E215C	1041-000 UNIT	04-028-419	ZG	
NC	202									NC	512									945-158-020	1E5E214T			418	1E5E214T	1041-000 UNIT	04-028-420	ZG		945-158-022	1E5E211C			422	1E5E211C	1041-000 UNIT	04-028-422	ZG	
NC	203									945-164-513	GRD			513	GRD	1041-000 UNIT	04-022-513	ZG		NC				421					945-158-023	1E5E210T			423	1E5E210T	1041-000 UNIT	04-028-423	ZG		
NC	204									945-164-514	1E5E106C			514	1E5E106C	1041-000 UNIT	04-022-514	ZG		NC				424															
NC	205									945-164-515	1E5E105T			515	1E5E105T	1041-000 UNIT	04-022-515	ZG		945-158-015	1E5E205T			514	1E5E205T	1041-000 UNIT	04-028-514	ZG		945-158-016	GRD			515	GRD	1041-000 UNIT	04-028-515	ZG	
NC	206									945-164-516	GRD			516	GRD	1041-000 UNIT	04-022-516	ZG		945-158-017	1E5E202C			516	1E5E202C	1041-000 UNIT	04-028-516	ZG		945-158-018	1E5E201T			517	1E5E201T	1041-000 UNIT	04-028-517	ZG	
NC	207									945-164-517	1E5E102C			517	1E5E102C	1041-000 UNIT	04-022-517	ZG		945-158-019	GRD			517	GRD	1041-000 UNIT	04-028-517	ZG		945-158-020	1E5E214C			518	1E5E214C	1041-000 UNIT	04-028-518	ZG	
NC	208									945-164-518	1E5E101T			518	1E5E101T	1041-000 UNIT	04-022-518	ZG		945-158-021	1E5E213T			518	1E5E213T	1041-000 UNIT	04-028-518	ZG		945-158-022	GRD			519	GRD	1041-000 UNIT	04-028-519	ZG	
NC	209									945-164-519	GRD			519	GRD	1041-000 UNIT	04-022-519	ZG		945-158-023	1E5E210C			519	1E5E210C	1041-000 UNIT	04-028-519	ZG		945-158-024	1E5E209T			520	1E5E209T	1041-000 UNIT	04-028-520	ZG	
NC	210									945-164-520	1E5E114C			520	1E5E114C	1041-000 UNIT	04-022-520	ZG		945-158-024	1E5E209T			520	1E5E209T	1041-000 UNIT	04-028-520	ZG		945-158-024	1E5E209T			521	1E5E213T	1041-000 UNIT	04-028-521	ZG	
NC	211									945-164-521	1E5E113T			521	1E5E113T	1041-000 UNIT	04-022-521	ZG		945-158-024	1E5E209T			521	1E5E213T	1041-000 UNIT	04-028-521	ZG		945-158-024	1E5E209T			522	GRD	1041-000 UNIT	04-028-522	ZG	
NC	212									945-164-522	GRD			522	GRD	1041-000 UNIT	04-022-522	ZG		945-158-024	1E5E209T			522	GRD	1041-000 UNIT	04-028-522	ZG		945-158-024	1E5E209T			523	1E5E210C	1041-000 UNIT	04-028-523	ZG	
945-164-213	GRD			213	GRD	1041-000 UNIT	04-022-213	ZG		945-164-523	1E5E110C			523	1E5E110C	1041-000 UNIT	04-022-523	ZG		945-158-024	1E5E209T			523	1E5E210C	1041-000 UNIT	04-028-523	ZG		945-158-024	1E5E209T			524	1E5E209T	1041-000 UNIT	04-028-524	ZG	
945-164-214	1E5E105C			214	1E5E105C	1041-000 UNIT	04-022-214	ZG		945-164-524	1E5E109T			524	1E5E109T	1041-000 UNIT	04-022-524	ZG						524	1E5E209T	1041-000 UNIT	04-028-524	ZG											
945-164-215	1E5E104T			215	1E5E104T	1041-000 UNIT	04-022-215	ZG																															
945-164-217	1E5E101C			217	1E5E101C	1041-000 UNIT	04-022-217	ZG																															
945-164-218	1E5E100T			218	1E5E100T	1041-000 UNIT	04-022-218	ZG																															
945-164-220	1E5E113C			220	1E5E113C	1041-000 UNIT	04-022-220	ZG																															
945-164-221	1E5E112T			221	1E5E112T	1041-000 UNIT	04-022-221	ZG																															
945-164-223	1E5E109C			223	1E5E109C	1041-000 UNIT	04-022-223	ZG																															
945-164-224	1E5E108T			224	1E5E108T	1041-000 UNIT	04-022-224	ZG																															
NC	300									NC	200																												
NC	301									NC	201																												
NC	302									NC	202																												
NC	303									NC	203																												
NC	304									NC	204																												
NC	305									NC	205																												
NC	306									NC	206																												
NC	307									NC	207																												
NC	308									NC	208																												
NC	309									NC	209																												
NC	310									NC	210																												
NC	311									NC	211																												
NC	312									NC	212																												

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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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J4										J4										J5										J5									
1045-014 JACK/UNIT (EBU)										1045-014 JACK/UNIT (EBU)										1045-022 JACK/UNIT (EBU)										1045-022 JACK/UNIT (EBU)									
945-170-252	GRD			232	GRD	1041-000 UNIT	04-014-232	ZG		945-170-542	1EEP018C			542	1EEP018C	1041-000 UNIT	04-014-542	ZG		945-164-447	GRD			447	GRD	1041-000 UNIT	04-022-447	ZG		945-164-447	GRD			447	GRD	1041-000 UNIT	04-022-447	ZG	
945-170-253	1EEP029C			233	1EEP029C	1041-000 UNIT	04-014-233	ZG		945-170-543	1EEP017T			543	1EEP017T	1041-000 UNIT	04-014-543	ZG		945-164-448	1EEP111C			448	1EEP111C	1041-000 UNIT	04-022-448	ZG		945-164-448	1EEP111C			448	1EEP111C	1041-000 UNIT	04-022-448	ZG	
945-170-234	1EEP028T			234	1EEP028T	1041-000 UNIT	04-014-234	ZG						544						945-164-449	1EEP110T			449	1EEP110T	1041-000 UNIT	04-022-449	ZG		945-164-449	1EEP110T			449	1EEP110T	1041-000 UNIT	04-022-449	ZG	
	NC			235						945-170-545	GRD			545	GRD	1041-000 UNIT	04-014-545	ZG						450															
945-170-236	1EEP025C			236	1EEP025C	1041-000 UNIT	04-014-236	ZG		945-170-546	1EEP014C			546	1EEP014C	1041-000 UNIT	04-014-546	ZG		945-164-451	1EEP107C			451	1EEP107C	1041-000 UNIT	04-022-451	ZG		945-164-451	1EEP107C			451	1EEP107C	1041-000 UNIT	04-022-451	ZG	
945-170-237	1EEP024T			237	1EEP024T	1041-000 UNIT	04-014-237	ZG		945-170-547	1EEP013T			547	1EEP013T	1041-000 UNIT	04-014-547	ZG		945-164-452	1EEP106T			452	1EEP106T	1041-000 UNIT	04-022-452	ZG		945-164-452	1EEP106T			452	1EEP106T	1041-000 UNIT	04-022-452	ZG	
	NC			238										548										453															
945-170-239	1EEP021C			239	1EEP021C	1041-000 UNIT	04-014-239	ZG		945-170-549	1EEP010C			549	1EEP010C	1041-000 UNIT	04-014-549	ZG		945-164-454	1EEP103C			454	1EEP103C	1041-000 UNIT	04-022-454	ZG		945-164-454	1EEP103C			454	1EEP103C	1041-000 UNIT	04-022-454	ZG	
945-170-240	1EEP020T			240	1EEP020T	1041-000 UNIT	04-014-240	ZG		945-170-550	1EEP009T			550	1EEP009T	1041-000 UNIT	04-014-550	ZG		945-164-455	1EEP102T			455	1EEP102T	1041-000 UNIT	04-022-455	ZG		945-164-455	1EEP102T			455	1EEP102T	1041-000 UNIT	04-022-455	ZG	
	NC			241						945-170-551	GRD			551	GRD	1041-000 UNIT	04-014-551	ZG						456															
945-170-242	1EEP017C			242	1EEP017C	1041-000 UNIT	04-014-242	ZG		945-170-552	1EEP006C			552	1EEP006C	1041-000 UNIT	04-014-552	ZG		945-164-532	GRD			532	GRD	1041-000 UNIT	04-022-532	ZG		945-164-532	GRD			532	GRD	1041-000 UNIT	04-022-532	ZG	
945-170-243	1EEP016T			243	1EEP016T	1041-000 UNIT	04-014-243	ZG		945-170-553	1EEP005T			553	1EEP005T	1041-000 UNIT	04-014-553	ZG		945-164-533	1EEP130C			533	1EEP130C	1041-000 UNIT	04-022-533	ZG		945-164-533	1EEP130C			533	1EEP130C	1041-000 UNIT	04-022-533	ZG	
	GRD			245	GRD	1041-000 UNIT	04-014-245	ZG		945-170-554	GRD			554	GRD	1041-000 UNIT	04-014-554	ZG		945-164-534	1EEP129T			534	1EEP129T	1041-000 UNIT	04-022-534	ZG		945-164-534	1EEP129T			534	1EEP129T	1041-000 UNIT	04-022-534	ZG	
945-170-246	1EEP013C			246	1EEP013C	1041-000 UNIT	04-014-246	ZG		945-170-555	1EEP002C			555	1EEP002C	1041-000 UNIT	04-014-555	ZG		945-164-535	GRD			535	GRD	1041-000 UNIT	04-022-535	ZG		945-164-535	GRD			535	GRD	1041-000 UNIT	04-022-535	ZG	
945-170-247	1EEP012T			247	1EEP012T	1041-000 UNIT	04-014-247	ZG		945-170-556	1EEP001T			556	1EEP001T	1041-000 UNIT	04-014-556	ZG		945-164-536	1EEP126C			536	1EEP126C	1041-000 UNIT	04-022-536	ZG		945-164-536	1EEP126C			536	1EEP126C	1041-000 UNIT	04-022-536	ZG	
	NC			244																				457															
945-170-249	1EEP009C			249	1EEP009C	1041-000 UNIT	04-014-249	ZG																458															
945-170-250	1EEP008T			250	1EEP008T	1041-000 UNIT	04-014-250	ZG																459															
	NC			251																				460															
945-170-252	1EEP005C			252	1EEP005C	1041-000 UNIT	04-014-252	ZG																461															
945-170-253	1EEP004T			253	1EEP004T	1041-000 UNIT	04-014-253	ZG		945-164-232	GRD			232	GRD	1041-000 UNIT	04-022-232	ZG		945-164-540	1EEP122C			539	1EEP122C	1041-000 UNIT	04-022-539	ZG		945-164-540	1EEP122C			539	1EEP122C	1041-000 UNIT	04-022-539	ZG	
	NC			254						945-164-233	1EEP129C			233	1EEP129C	1041-000 UNIT	04-022-233	ZG		945-164-541	GRD			540	GRD	1041-000 UNIT	04-022-540	ZG		945-164-541	GRD			540	GRD	1041-000 UNIT	04-022-540	ZG	
945-170-255	1EEP001C			255	1EEP001C	1041-000 UNIT	04-014-255	ZG		945-164-234	1EEP128T			234	1EEP128T	1041-000 UNIT	04-022-234	ZG		945-164-542	1EEP118C			541	1EEP118C	1041-000 UNIT	04-022-541	ZG		945-164-542	1EEP118C			541	1EEP118C	1041-000 UNIT	04-022-541	ZG	
945-170-256	1EEP000T			256	1EEP000T	1041-000 UNIT	04-014-256	ZG																542															
945-170-332	1EEP031T			332	1EEP031T	1041-000 UNIT	04-014-332	ZG		945-164-236	1EEP125C			236	1EEP125C	1041-000 UNIT	04-022-236	ZG		945-164-543	1EEP117T			543	1EEP117T	1041-000 UNIT	04-022-543	ZG		945-164-543	1EEP117T			543	1EEP117T	1041-000 UNIT	04-022-543	ZG	
945-170-333	GRD			333	GRD	1041-000 UNIT	04-014-333	ZG		945-164-237	1EEP124T			237	1EEP124T	1041-000 UNIT	04-022-237	ZG						544															
945-170-334	1EEP028C			334	1EEP028C	1041-000 UNIT	04-014-334	ZG																545															
945-170-335	1EEP027T			335	1EEP027T	1041-000 UNIT	04-014-335	ZG		945-164-239	1EEP121C			239	1EEP121C	1041-000 UNIT	04-022-239	ZG		945-164-545	GRD			545	GRD	1041-000 UNIT	04-022-545	ZG		945-164-545	GRD			545	GRD	1041-000 UNIT	04-022-545	ZG	
945-170-336	GRD			336	GRD	1041-000 UNIT	04-014-336	ZG		945-164-240	1EEP120T			240	1EEP120T	1041-000 UNIT	04-022-240	ZG		945-164-546																			

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTES
.....J6				1045-028	JACK/UNIT	(E8U).....			
945-158-232	GRD			232	GRD	1041-000 UNIT	04-028-232	ZG	
945-158-233	1EEP229C			233	1EEP229C	1041-000 UNIT	04-028-233	ZG	
945-158-234	1EEP228T			234	1EEP228T	1041-000 UNIT	04-028-234	ZG	
	NC			235					
945-158-236	1EEP225C			236	1EEP225C	1041-000 UNIT	04-028-236	ZG	
945-158-237	1EEP224T			237	1EEP224T	1041-000 UNIT	04-028-237	ZG	
	NC			238					
945-158-239	1EEP221C			239	1EEP221C	1041-000 UNIT	04-028-239	ZG	
945-158-240	1EEP220T			240	1EEP220T	1041-000 UNIT	04-028-240	ZG	
	NC			241					
945-158-242	1EEP217C			242	1EEP217C	1041-000 UNIT	04-028-242	ZG	
945-158-243	1EEP216T			243	1EEP216T	1041-000 UNIT	04-028-243	ZG	
	NC			244					
945-158-245	GRD			245	GRD	1041-000 UNIT	04-028-245	ZG	
945-158-246	1EEP213C			246	1EEP213C	1041-000 UNIT	04-028-246	ZG	
945-158-247	1EEP212T			247	1EEP212T	1041-000 UNIT	04-028-247	ZG	
	NC			248					
945-158-249	1EEP209C			249	1EEP209C	1041-000 UNIT	04-028-249	ZG	
945-158-250	1EEP208T			250	1EEP208T	1041-000 UNIT	04-028-250	ZG	
	NC			251					
945-158-252	1EEP205C			252	1EEP205C	1041-000 UNIT	04-028-252	ZG	
945-158-253	1EEP204T			253	1EEP204T	1041-000 UNIT	04-028-253	ZG	
	NC			254					
945-158-255	1EEP201C			255	1EEP201C	1041-000 UNIT	04-028-255	ZG	
945-158-256	1EEP200T			256	1EEP200T	1041-000 UNIT	04-028-256	ZG	
945-158-332	1EEP231T			332	1EEP231T	1041-000 UNIT	04-028-332	ZG	
945-158-333	GRD			333	GRD	1041-000 UNIT	04-028-333	ZG	
945-158-334	1EEP228C			334	1EEP228C	1041-000 UNIT	04-028-334	ZG	
945-158-335	1EEP227T			335	1EEP227T	1041-000 UNIT	04-028-335	ZG	
945-158-336	GRD			336	GRD	1041-000 UNIT	04-028-336	ZG	
945-158-337	1EEP224C			337	1EEP224C	1041-000 UNIT	04-028-337	ZG	
945-158-338	1EEP223T			338	1EEP223T	1041-000 UNIT	04-028-338	ZG	
945-158-339	GRD			339	GRD	1041-000 UNIT	04-028-339	ZG	
945-158-340	1EEP220C			340	1EEP220C	1041-000 UNIT	04-028-340	ZG	
945-158-341	1EEP219T			341	1EEP219T	1041-000 UNIT	04-028-341	ZG	
945-158-342	GRD			342	GRD	1041-000 UNIT	04-028-342	ZG	
945-158-343	1EEP216C			343	1EEP216C	1041-000 UNIT	04-028-343	ZG	
	NC			344					
945-158-345	1EEP215T			345	1EEP215T	1041-000 UNIT	04-028-345	ZG	

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J6				1045-028 (CONT'D)	JACK/UNIT	(EBU)	.....		
945-158-542	1EEP218C			542	1EEP218C	1041-000 UNIT	04-028-542	ZG	
945-158-543	1EEP217T			543	1EEP217T	1041-000 UNIT	04-028-543	ZG	
	NC			544					
945-158-545	GRD			545	GRD	1041-000 UNIT	04-028-545	ZG	
945-158-546	1EEP214C			546	1EEP214C	1041-000 UNIT	04-028-546	ZG	
945-158-547	1EEP213T			547	1EEP213T	1041-000 UNIT	04-028-547	ZG	
945-158-548	GRD			548	GRD	1041-000 UNIT	04-028-548	ZG	
945-158-549	1EEP210C			549	1EEP210C	1041-000 UNIT	04-028-549	ZG	
945-158-550	1EEP209T			550	1EEP209T	1041-000 UNIT	04-028-550	ZG	
945-158-551	GRD			551	GRD	1041-000 UNIT	04-028-551	ZG	
945-158-552	1EEP206C			552	1EEP206C	1041-000 UNIT	04-028-552	ZG	
945-158-553	1EEP205T			553	1EEP205T	1041-000 UNIT	04-028-553	ZG	
945-158-554	GRD			554	GRD	1041-000 UNIT	04-028-554	ZG	
945-158-555	1EEP202C			555	1EEP202C	1041-000 UNIT	04-028-555	ZG	
945-158-556	1EEP201T			556	1EEP201T	1041-000 UNIT	04-028-556	ZG	

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ECL-BUS UNIT CONTROL AND RETURN, BAY 10 TO BAY 11

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				1145-006	JACK/UNIT	(EBU)	.....		
1045-176-200				200					
1045-176-201	1EEM0M1C			201	1EEM0M1C	1141-000 UNIT	04-006-201	ZJ	
1045-176-202	1EEM0M0T			202	1EEM0M0T	1141-000 UNIT	04-006-202	ZJ	
	NC			203					
1045-176-204	1SPARE0			204	1SPARE0	1141-000 UNIT	04-006-204	ZJ	
1045-176-205	1SPARE1			205	1SPARE1	1141-000 UNIT	04-006-205	ZJ	
	NC			206					
1045-176-207	1ESTER1C			207	1ESTER1C	1141-000 UNIT	04-006-207	ZJ	
1045-176-208	1ESTCD1T			208	1ESTCD1T	1141-000 UNIT	04-006-208	ZJ	
	NC			209					
1045-176-210	1ESTER3C			210	1ESTER3C	1141-000 UNIT	04-006-210	ZJ	
1045-176-211	1ESTCD3T			211	1ESTCD3T	1141-000 UNIT	04-006-211	ZJ	
	NC			212					
				213					
1045-176-214	1SPARE2			214	1SPARE2	1141-000 UNIT	04-006-214	ZJ	
1045-176-215	1SPARE3			215	1SPARE3	1141-000 UNIT	04-006-215	ZJ	
	NC			216					
1045-176-217	1EEMSY1C			217	1EEMSY1C	1141-000 UNIT	04-006-217	ZJ	
1045-176-218	1EEM651T			218	1EEM651T	1141-000 UNIT	04-006-218	ZJ	
	NC			219					
1045-176-220	1EELSY3C			220	1EELSY3C	1141-000 UNIT	04-006-220	ZJ	
1045-176-221	1EEL653T			221	1EEL653T	1141-000 UNIT	04-006-221	ZJ	

(CONT'D)

TO CONNECTION			FROM CONNECTION						
DESTINATION	LEAD DESIGN	METHOD	WIRE SYM	TERMINAL	LEAD DESIGN	TERMINATION	TERMINAL	OPT	NOTE
J1				1145-006 (CONT'D)	JACK/UNIT	(EBU)			
1045-176-402				402					
1045-176-403	1EEMCADC			403	1EEMCADC	1141-000 UNIT	04-006-403	ZJ	
1045-176-404	1EEMCDTT			404	1EEMCDTT	1141-000 UNIT	04-006-404	ZJ	
	NC			405					
1045-176-406	1ESTER0C			406	1ESTER0C	1141-000 UNIT	04-006-406	ZJ	
1045-176-407	1ESTCD0T			407	1ESTCD0T	1141-000 UNIT	04-006-407	ZJ	
	NC			408					
1045-176-409	1ESTER2C			409	1ESTER2C	1141-000 UNIT	04-006-409	ZJ	
1045-176-410	1ESTCD2T			410	1ESTCD2T	1141-000 UNIT	04-006-410	ZJ	
	NC			411					
	NC			412					
1045-176-413	1ESTER4C			413	1ESTER4C	1141-000 UNIT	04-006-413	ZJ	
1045-176-414	1ESTCD4T			414	1ESTCD4T	1141-000 UNIT	04-006-414	ZJ	
1045-176-415				415					
1045-176-416	1EEMSY0C			416	1EEMSY0C	1141-000 UNIT	04-006-416	ZJ	
1045-176-417	1EEM650T			417	1EEM650T	1141-000 UNIT	04-006-417	ZJ	
	NC			418					
1045-176-419	1EEMSY2C			419	1EEMSY2C	1141-000 UNIT	04-006-419	ZJ	
1045-176-420	1EEM652T			420	1EEM652T	1141-000 UNIT	04-006-420	ZJ	
	NC			421					
1045-176-422	1EELSY4C			422	1EELSY4C	1141-000 UNIT	04-006-422	ZJ	
1045-176-423	1EEL654T			423	1EEL654T	1141-000 UNIT	04-006-423	ZJ	
	NC			424					
1045-176-500				500					
1045-176-501	1EEMXM2C			501	1EEMXM2C	1141-000 UNIT	04-006-501	ZJ	
1045-176-502	1EEMXM1T			502	1EEMXM1T	1141-000 UNIT	04-006-502	ZJ	
1045-176-503				503					
1045-176-504	1EEMCDTC			504	1EEMCDTC	1141-000 UNIT	04-006-504	ZJ	
1045-176-505	1SPARE12			505	1SPARE12	1141-000 UNIT	04-006-505	ZJ	
1045-176-506				506					
1045-176-507	1ESTCD0C			507	1ESTCD0C	1141-000 UNIT	04-006-507	ZJ	
1045-176-508	1ESTER1T			508	1ESTER1T	1141-000 UNIT	04-006-508	ZJ	
1045-176-509				509					
1045-176-510	1ESTCD2C			510	1ESTCD2C	1141-000 UNIT	04-006-510	ZJ	
1045-176-511	1ESTER3T			511	1ESTER3T	1141-000 UNIT	04-006-511	ZJ	
	NC			512					
				513					
1045-176-513				513					
1045-176-514	1ESTCD4C			514	1ESTCD4C	1141-000 UNIT	04-006-514	ZJ	
1045-176-515	1SPARE14			515	1SPARE14	1141-000 UNIT	04-006-515	ZJ	
1045-176-516				516					
1045-176-517	1EEM650C			517	1EEM650C	11			

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(CONT'D)

AP FIG 19 CAD 084

(CONT'D)

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(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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE																				
J2										J2										J3										J3										J3										J3									
1145-006										1145-006 (CONT'D)										1145-014										1145-014 (CONT'D)										1145-014										1145-014 (CONT'D)									
JACK/UNIT (EBCU)										JACK/UNIT (EBCU)										JACK/UNIT (EBCU)										JACK/UNIT (EBCU)										JACK/UNIT (EBCU)										JACK/UNIT (EBCU)									
1045-176-232	GRD			232	GRD	1141-000 UNIT	04-006-232	ZJ		1045-176-542	1EECDATC			542	1EECDATC	1141-000 UNIT	04-006-542	ZJ		1045-170-415	GRD			415	GRD	1141-000 UNIT	04-014-415	ZJ		1045-170-513	GRD			513	GRD	1141-000 UNIT	04-014-513	ZJ																					
1045-176-233	1ESTER1C			233	1ESTER1C	1141-000 UNIT	04-006-233	ZJ		1045-176-543	1E1C01			543	1E1C01	1141-000 UNIT	04-006-543	ZJ		1045-170-416	DESE003C			416	DESE003C	1141-000 UNIT	04-014-416	ZJ		1045-170-514	DESE006C			514	DESE006C	1141-000 UNIT	04-014-514	ZJ																					
1045-176-234	1ESTCD1T			234	1ESTCD1T	1141-000 UNIT	04-006-234	ZJ						544						1045-170-417	DESE002T			417	DESE002T	1141-000 UNIT	04-014-417	ZJ		1045-170-515	DESE005T			515	DESE005T	1141-000 UNIT	04-014-515	ZJ																					
	NC			235										545																																													
1045-176-236	1ESTER3C			236	1ESTER3C	1141-000 UNIT	04-006-236	ZJ		1045-176-545	GRD			545	GRD	1141-000 UNIT	04-006-545	ZJ		1045-170-419	DESE015C			419	DESE015C	1141-000 UNIT	04-014-419	ZJ		1045-170-516	GRD			516	GRD	1141-000 UNIT	04-014-516	ZJ																					
1045-176-237	1ESTCD3T			237	1ESTCD3T	1141-000 UNIT	04-006-237	ZJ		1045-176-546	1EEK652C			546	1EEK652C	1141-000 UNIT	04-006-546	ZJ		1045-170-420	DESE014T			420	DESE014T	1141-000 UNIT	04-014-420	ZJ		1045-170-517	DESE002C			517	DESE002C	1141-000 UNIT	04-014-517	ZJ																					
	NC			238						1045-176-547	1EEKSY3T			547	1EEKSY3T	1141-000 UNIT	04-006-547	ZJ																																									
1045-176-239	1EEKXM1C			239	1EEKXM1C	1141-000 UNIT	04-006-239	ZJ		1045-176-548	GRD			548	GRD	1141-000 UNIT	04-006-548	ZJ		1045-170-422	DESE011C			422	DESE011C	1141-000 UNIT	04-014-422	ZJ		1045-170-518	DESE001T			518	DESE001T	1141-000 UNIT	04-014-518	ZJ																					
1045-176-240	1EEKXM0T			240	1EEKXM0T	1141-000 UNIT	04-006-240	ZJ		1045-176-549	1EEK654C			549	1EEK654C	1141-000 UNIT	04-006-549	ZJ		1045-170-423	DESE010T			423	DESE010T	1141-000 UNIT	04-014-423	ZJ		1045-170-519	GRD			519	GRD	1141-000 UNIT	04-014-519	ZJ																					
	NC			241						1045-176-550	1E1D01			550	1E1D01	1141-000 UNIT	04-006-550	ZJ																																									
1045-176-242	1E1C00			242	1E1C00	1141-000 UNIT	04-006-242	ZJ		1045-176-551	GRD			551	GRD	1141-000 UNIT	04-006-551	ZJ		1045-170-500	GRD			500	GRD	1141-000 UNIT	04-014-500	ZJ		1045-170-520	DESE014C			520	DESE014C	1141-000 UNIT	04-014-520	ZJ																					
1045-176-243	1E1CP1			243	1E1CP1	1141-000 UNIT	04-006-243	ZJ		1045-176-552	1ESTCD4C			552	1ESTCD4C	1141-000 UNIT	04-006-552	ZJ		1045-170-501	DESE022C			501	DESE022C	1141-000 UNIT	04-014-501	ZJ		1045-170-521	DESE013T			521	DESE013T	1141-000 UNIT	04-014-521	ZJ																					
	NC			244						1045-176-553	1ESTER5T			553	1ESTER5T	1141-000 UNIT	04-006-553	ZJ		1045-170-502	DESE021T			502	DESE021T	1141-000 UNIT	04-014-502	ZJ		1045-170-522	GRD			522	GRD	1141-000 UNIT	04-014-522	ZJ																					
1045-176-245	GRD			245	GRD	1141-000 UNIT	04-006-245	ZJ		1045-176-554	GRD			554	GRD	1141-000 UNIT	04-006-554	ZJ		1045-170-503	DESE020T			503	DESE020T	1141-000 UNIT	04-014-503	ZJ		1045-170-523	DESE010C			523	DESE010C	1141-000 UNIT	04-014-523	ZJ																					
1045-176-246	1EEKSY3C			246	1EEKSY3C	1141-000 UNIT	04-006-246	ZJ		1045-176-555	1EEK650C			555	1EEK650C	1141-000 UNIT	04-006-555	ZJ		1045-170-504	DESE018C			504	DESE018C	1141-000 UNIT	04-014-504	ZJ		1045-170-524	DESE009T			524	DESE009T	1141-000 UNIT	04-014-524	ZJ																					
1045-176-247	1EEK653T			247	1EEK653T	1141-000 UNIT	04-006-247	ZJ		1045-176-556	1EEKSY1T			556	1EEKSY1T	1141-000 UNIT	04-006-556	ZJ																																									
	NC			248																																																							
1045-176-249	1E1D00			249	1E1D00	1141-000 UNIT	04-006-249	ZJ		J3										1145-014 (CONT'D)										1145-014 (CONT'D)																													
1045-176-250	1E1DH1			250	1E1DH1	1141-000 UNIT	04-006-250	ZJ		1045-170-200	GRD			200	GRD	1141-000 UNIT	04-014-200	ZJ		1045-170-506	GRD			506	GRD	1141-000 UNIT	04-014-506	ZJ		1045-170-525	DESE025T			525	DESE025T	1141-000 UNIT	04-014-525	ZJ																					
	NC			251						1045-170-201	DESE021C			201	DESE021C	1141-000 UNIT	04-014-201	ZJ		1045-170-508	DESE029T			508	DESE029T	1141-000 UNIT	04-014-508	ZJ																															
1045-176-252	1ESTER5C			252	1ESTER5C	1141-000 UNIT	04-006-252	ZJ		1045-170-202	DESE020T			202	DESE020T	1141-000 UNIT	04-014-202	ZJ		1045-170-509	GRD			509	GRD	1141-000 UNIT	04-014-509	ZJ																															
1045-176-253	1ESTCD5T			253	1ESTCD5T	1141-000 UNIT	04-006-253	ZJ						203						1045-170-510	DESE026C			510	DESE026C	1141-000 UNIT	04-014-510	ZJ																															
	NC			254						1045-170-204	DESE017C			204	DESE017C	1141-000 UNIT	04-014-204	ZJ		1045-170-511	NC			511																																			
1045-176-255	1EEKSY1C			255	1EEKSY1C	1141-000 UNIT	04-006-255	ZJ		1045-170-205	DESE016T			205	DESE016T	1141-000 UNIT	04-014-205	ZJ		1045-170-513	GRD			513	GRD	1141-000 UNIT	04-014-513	ZJ																															
1045-176-256	1EEK651T			256	1EEK651T	1141-000 UNIT	04-006-256	ZJ						206						1045-170-514	DESE006C			514	DESE006C	1141-000 UNIT	04-014-514	ZJ																															
1045-176-332	1ESTER0T			332	1ESTER0T	1141-000 UNIT	04-006-332	ZJ		1045-170-207	DESE029C			207	DESE029C	1141-000 UNIT	04-014-207	ZJ		1045-170-515	DESE005T			515	DESE005T	1141-000 UNIT	04-014-515	ZJ																															
1045-176-333	GRD			333	GRD	1141-000 UNIT	04-006-333	ZJ		1045-170-208	DESE028T			208	DESE028T	1141-000 UNIT	04-014-208	ZJ		1045-170-516	GRD			516	GRD	1141-000 UNIT	04-014-516	ZJ																															
1045-176-334	1ESTCD1C			334	1ESTCD1C	1141-000 UNIT	04-006-334	ZJ		1045-170-210	DESE025C			210	DESE025C	1141-000 UNIT	04-014-210	ZJ		1045-170-517	DESE002C			517	DESE002C	1141-000 UNIT	04-014-517	ZJ																															
1045-176-335	1ESTER2T			335	1ESTER2T	1141-000 UNIT	04-006-335	ZJ		1045-170-211	DESE024T			211	DESE024T	1141-000 UNIT	04-014-211	ZJ		1045-170-518	DESE001T			518	DESE001T	1141-000 UNIT	04-014-518	ZJ																															
1045-176-336	GRD			336	GRD	1141-000 UNIT	04-006-336	ZJ						212						1045-170-519	GRD			519	GRD	1141																																	

(CONT'D)

— TO CONNECTION —

FROM CONNECTION

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC		
	DWG SIZE C2	ISSUE 3B
AT&T	SD-5D144-02	GB96

AP FIG 19 CAD 084

(CONT'D)

TO CONNECTION		FROM CONNECTION		TO CONNECTION		FROM CONNECTION	
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J4		1145-014		JACK/UNIT (EBU)			
1045-170-232	GRD	232	GRD	1141-000 UNIT	04-014-232	ZJ	
1045-170-233	1EEP029C	233	1EEP029C	1141-000 UNIT	04-014-233	ZJ	
1045-170-234	1EEP028T	234	1EEP028T	1141-000 UNIT	04-014-234	ZJ	
	NC	235					
1045-170-236	1EEP025C	236	1EEP025C	1141-000 UNIT	04-014-236	ZJ	
1045-170-237	1EEP024T	237	1EEP024T	1141-000 UNIT	04-014-237	ZJ	
	NC	238					
1045-170-239	1EEP021C	239	1EEP021C	1141-000 UNIT	04-014-239	ZJ	
1045-170-240	1EEP020T	240	1EEP020T	1141-000 UNIT	04-014-240	ZJ	
	NC	241					
1045-170-242	1EEP017C	242	1EEP017C	1141-000 UNIT	04-014-242	ZJ	
1045-170-243	1EEP016T	243	1EEP016T	1141-000 UNIT	04-014-243	ZJ	
	NC	244					
1045-170-245	GRD	245	GRD	1141-000 UNIT	04-014-245	ZJ	
1045-170-246	1EEP013C	246	1EEP013C	1141-000 UNIT	04-014-246	ZJ	
1045-170-247	1EEP012T	247	1EEP012T	1141-000 UNIT	04-014-247	ZJ	
	NC	248					
1045-170-249	1EEP009C	249	1EEP009C	1141-000 UNIT	04-014-249	ZJ	
1045-170-250	1EEP008T	250	1EEP008T	1141-000 UNIT	04-014-250	ZJ	
	NC	251					
1045-170-252	1EEP005C	252	1EEP005C	1141-000 UNIT	04-014-252	ZJ	
1045-170-253	1EEP004T	253	1EEP004T	1141-000 UNIT	04-014-253	ZJ	
	NC	254					
1045-170-255	1EEP001C	255	1EEP001C	1141-000 UNIT	04-014-255	ZJ	
1045-170-256	1EEP000T	256	1EEP000T	1141-000 UNIT	04-014-256	ZJ	
1045-170-332	1EEP031T	332	1EEP031T	1141-000 UNIT	04-014-332	ZJ	
1045-170-333	GRD	333	GRD	1141-000 UNIT	04-014-333	ZJ	
1045-170-334	1EEP028C	334	1EEP028C	1141-000 UNIT	04-014-334	ZJ	
1045-170-335	1EEP027T	335	1EEP027T	1141-000 UNIT	04-014-335	ZJ	
1045-170-336	GRD	336	GRD	1141-000 UNIT	04-014-336	ZJ	
1045-170-337	1EEP024C	337	1EEP024C	1141-000 UNIT	04-014-337	ZJ	
1045-170-338	1EEP023T	338	1EEP023T	1141-000 UNIT	04-014-338	ZJ	
1045-170-339	GRD	339	GRD	1141-000 UNIT	04-014-339	ZJ	
1045-170-340	1EEP020C	340	1EEP020C	1141-000 UNIT	04-014-340	ZJ	
1045-170-341	1EEP019T	341	1EEP019T	1141-000 UNIT	04-014-341	ZJ	
1045-170-342	GRD	342	GRD	1141-000 UNIT	04-014-342	ZJ	
1045-170-343	1EEP016C	343	1EEP016C	1141-000 UNIT	04-014-343	ZJ	
	NC	344					
1045-170-345	1EEP015T	345	1EEP015T	1141-000 UNIT	04-014-345	ZJ	
1045-170-346	GRD	346	GRD	1141-000 UNIT	04-014-346	ZJ	
1045-170-347	1EEP012C	347	1EEP012C	1141-000 UNIT	04-014-347	ZJ	
1045-170-348	1EEP011T	348	1EEP011T	1141-000 UNIT	04-014-348	ZJ	
1045-170-349	GRD	349	GRD	1141-000 UNIT	04-014-349	ZJ	
1045-170-350	1EEP008C	350	1EEP008C	1141-000 UNIT	04-014-350	ZJ	
1045-170-351	1EEP007T	351	1EEP007T	1141-000 UNIT	04-014-351	ZJ	
1045-170-352	GRD	352	GRD	1141-000 UNIT	04-014-352	ZJ	
1045-170-353	1EEP004C	353	1EEP004C	1141-000 UNIT	04-014-353	ZJ	
1045-170-354	1EEP003T	354	1EEP003T	1141-000 UNIT	04-014-354	ZJ	
1045-170-355	GRD	355	GRD	1141-000 UNIT	04-014-355	ZJ	
1045-170-356	1EEP000C	356	1EEP000C	1141-000 UNIT	04-014-356	ZJ	
1045-170-432	1EEP031C	432	1EEP031C	1141-000 UNIT	04-014-432	ZJ	
1045-170-433	1EEP030T	433	1EEP030T	1141-000 UNIT	04-014-433	ZJ	
1045-170-434	GRD	434	GRD	1141-000 UNIT	04-014-434	ZJ	
1045-170-435	1EEP027C	435	1EEP027C	1141-000 UNIT	04-014-435	ZJ	
1045-170-436	1EEP026T	436	1EEP026T	1141-000 UNIT	04-014-436	ZJ	
	NC	437					
1045-170-438	1EEP023C	438	1EEP023C	1141-000 UNIT	04-014-438	ZJ	
1045-170-439	1EEP022T	439	1EEP022T	1141-000 UNIT	04-014-439	ZJ	
	NC	440					
1045-170-441	1EEP019C	441	1EEP019C	1141-000 UNIT	04-014-441	ZJ	
1045-170-442	1EEP018T	442	1EEP018T	1141-000 UNIT	04-014-442	ZJ	
	NC	443					
1045-170-445	1EEP015C	445	1EEP015C	1141-000 UNIT	04-014-445	ZJ	
1045-170-446	1EEP014T	446	1EEP014T	1141-000 UNIT	04-014-446	ZJ	
1045-170-447	GRD	447	GRD	1141-000 UNIT	04-014-447	ZJ	
1045-170-448	1EEP011C	448	1EEP011C	1141-000 UNIT	04-014-448	ZJ	
1045-170-449	1EEP010T	449	1EEP010T	1141-000 UNIT	04-014-449	ZJ	
	NC	450					
1045-170-451	1EEP007C	451	1EEP007C	1141-000 UNIT	04-014-451	ZJ	
1045-170-452	1EEP006T	452	1EEP006T	1141-000 UNIT	04-014-452	ZJ	
	NC	453					
1045-170-454	1EEP003C	454	1EEP003C	1141-000 UNIT	04-014-454	ZJ	
1045-170-455	1EEP002T	455	1EEP002T	1141-000 UNIT	04-014-455	ZJ	
	NC	456					
1045-170-532	GRD	532	GRD	1141-000 UNIT	04-014-532	ZJ	
1045-170-533	1EEP030C	533	1EEP030C	1141-000 UNIT	04-014-533	ZJ	
1045-170-534	1EEP029T	534	1EEP029T	1141-000 UNIT	04-014-534	ZJ	
1045-170-535	GRD	535	GRD	1141-000 UNIT	04-014-535	ZJ	
1045-170-536	1EEP026C	536	1EEP026C	1141-000 UNIT	04-014-536	ZJ	
1045-170-537	1EEP025T	537	1EEP025T	1141-000 UNIT	04-014-537	ZJ	
1045-170-538	GRD	538	GRD	1141-000 UNIT	04-014-538	ZJ	
1045-170-539	1EEP022C	539	1EEP022C	1141-000 UNIT	04-014-539	ZJ	
1045-170-540	1EEP021T	540	1EEP021T	1141-000 UNIT	04-014-540	ZJ	
1045-170-541	GRD	541	GRD	1141-000 UNIT	04-014-541	ZJ	

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(CONT'D)

TO CONNECTION				FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT
J4				1145-014 (CONT'D)	JACK/UNIT	(EBU)		
1045-170-542	1EEP018C		542	1EEP018C	1141-000 UNIT	04-014-542	ZJ	
1045-170-543	1EEP017T		543	1EEP017T	1141-000 UNIT	04-014-543	ZJ	
	NC		544					
1045-170-545	GRD		545	GRD	1141-000 UNIT	04-014-545	ZJ	
1045-170-546	1EEP014C		546	1EEP014C	1141-000 UNIT	04-014-546	ZJ	
1045-170-547	1EEP013T		547	1EEP013T	1141-000 UNIT	04-014-547	ZJ	
1045-170-548	GRD		548	GRD	1141-000 UNIT	04-014-548	ZJ	
1045-170-549	1EEP010C		549	1EEP010C	1141-000 UNIT	04-014-549	ZJ	
1045-170-550	1EEP009T		550	1EEP009T	1141-000 UNIT	04-014-550	ZJ	
1045-170-551	GRD		551	GRD	1141-000 UNIT	04-014-551	ZJ	
1045-170-552	1EEP006C		552	1EEP006C	1141-000 UNIT	04-014-552	ZJ	
1045-170-553	1EEP005T		553	1EEP005T	1141-000 UNIT	04-014-553	ZJ	
1045-170-554	GRD		554	GRD	1141-000 UNIT	04-014-554	ZJ	
1045-170-555	1EEP002C		555	1EEP002C	1141-000 UNIT	04-014-555	ZJ	
1045-170-556	1EEP001T		556	1EEP001T	1141-000 UNIT	04-014-556	ZJ	
J5				1145-022	JACK/UNIT	(EBU)		
1045-164-232	GRD		232	GRD	1141-000 UNIT	04-022-232	ZJ	
1045-164-233	1EEP129C		233	1EEP129C	1141-000 UNIT	04-022-233	ZJ	
1045-164-234	1EEP128T		234	1EEP128T	1141-000 UNIT	04-022-234	ZJ	
	NC		235					
1045-164-236	1EEP125C		236	1EEP125C	1141-000 UNIT	04-022-236	ZJ	
1045-164-237	1EEP124T		237	1EEP124T	1141-000 UNIT	04-022-237	ZJ	
	NC		238					
1045-164-239	1EEP121C		239	1EEP121C	1141-000 UNIT	04-022-239	ZJ	
1045-164-240	1EEP120T		240	1EEP120T	1141-000 UNIT	04-022-240	ZJ	
	NC		241					
1045-164-242	1EEP117C		242	1EEP117C	1141-000 UNIT	04-022-242	ZJ	
1045-164-243	1EEP116T		243	1EEP116T	1141-000 UNIT	04-022-243	ZJ	
	NC		244					
1045-164-245	GRD		245	GRD	1141-000 UNIT	04-022-245	ZJ	
1045-164-246	1EEP113C		246	1EEP113C	1141-000 UNIT	04-022-246	ZJ	
1045-164-247	1EEP112T		247	1EEP112T	1141-000 UNIT	04-022-247	ZJ	
	NC		248					
1045-164-249	1EEP109C		249	1EEP109C	1141-000 UNIT	04-022-249	ZJ	
1045-164-250	1EEP108T		250	1EEP108T	1141-000 UNIT	04-022-250	ZJ	
	NC		251					
1045-164-252	1EEP105C		252	1EEP105C	1141-000 UNIT	04-022-252	ZJ	
1045-164-253	1EEP104T		253	1EEP104T	1141-000 UNIT	04-022-253	ZJ	
	NC		254					
1045-164-255	1EEP101C		255	1EEP101C	1141-000 UNIT	04-022-255	ZJ	
1045-164-256	1EEP100T		256	1EEP100T	1141-000 UNIT	04-022-256	ZJ	
1045-164-332	1EEP131T		332	1EEP131T	1141-000 UNIT	04-022-332	ZJ	
1045-164-333	GRD		333	GRD	1141-000 UNIT	04-022-333	ZJ	
1045-164-334	1EEP128C		334	1EEP128C	1141-000 UNIT	04-022-334	ZJ	
1045-164-335	1EEP127T		335	1EEP127T	1141-000 UNIT	04-022-335	ZJ	
1045-164-336	GRD		336	GRD	1141-000 UNIT	04-022-336	ZJ	
1045-164-337	1EEP124C		337	1EEP124C	1141-000 UNIT	04-022-337	ZJ	
1045-164-338	1EEP123T		338	1EEP123T	1141-000 UNIT	04-022-338	ZJ	
1045-164-339	GRD		339	GRD	1141-000 UNIT	04-022-339	ZJ	
1045-164-340	1EEP120C		340	1EEP120C	1141-000 UNIT	04-022-340	ZJ	
1045-164-341	1EEP119T		341	1EEP119T	1141-000 UNIT	04-022-341	ZJ	
1045-164-342	GRD		342	GRD	1141-000 UNIT	04-022-342	ZJ	
1045-164-343	1EEP116C		343	1EEP116C	1141-000 UNIT	04-022-343	ZJ	
	NC		344					
1045-164-345	1EEP115T		345	1EEP115T	1141-000 UNIT	04-022-345	ZJ	
1045-164-346	GRD		346	GRD	1141-000 UNIT	04-022-346	ZJ	
1045-164-347	1EEP112C		347	1EEP112C	1141-000 UNIT	04-022-347	ZJ	
1045-164-348	1EEP111T		348	1EEP111T	1141-000 UNIT	04-022-348	ZJ	
1045-164-349	GRD		349	GRD	1141-000 UNIT	04-022-349	ZJ	
1045-164-350	1EEP108C		350	1EEP108C	1141-000 UNIT	04-022-350	ZJ	
1045-164-351	1EEP107T		351	1EEP107T	1141-000 UNIT	04-022-351	ZJ	
1045-164-352	GRD		352	GRD	1141-000 UNIT	04-022-352	ZJ	
1045-164-353	1EEP104C		353	1EEP104C	1141-000 UNIT	04-022-353	ZJ	
1045-164-354	1EEP107T		354	1EEP107T	1141-000 UNIT	04-022-354	ZJ	
1045-164-355	GRD		355	GRD	1141-000 UNIT	04-022-355	ZJ	
1045-164-356	1EEP100C		356	1EEP100C	1141-000 UNIT	04-022-356	ZJ	
1045-164-432	1EEP131C		432	1EEP131C	1141-000 UNIT	04-022-432	ZJ	
1045-164-433	1EEP130T		433	1EEP130T	1141-000 UNIT	04-022-433	ZJ	
1045-164-434	GRD		434	GRD	1141-000 UNIT	04-022-434	ZJ	
1045-164-435	1EEP127C		435	1EEP127C	1141-000 UNIT	04-022-435	ZJ	
1045-164-436	1EEP126T		436	1EEP126T	1141-000 UNIT	04-022-436	ZJ	
	NC		437					
1045-164-438	1EEP123C		438	1EEP123C	1141-000 UNIT	04-022-438	ZJ	
1045-164-439	1EEP122T		439	1EEP122T	1141-000 UNIT	04-022-439	ZJ	
	NC		440					
1045-164-441	1EEP119C		441	1EEP119C	1141-000 UNIT	04-022-441	ZJ	
1045-164-442	1EEP118T		442	1EEP118T	1141-000 UNIT	04-022-442	ZJ	
	NC		443					
	NC		444					
1045-164-445	1EEP115C		445	1EEP115C	1141-000 UNIT	04-022-445	ZJ	
1045-164-446	1EEP114T		446	1EEP114T	1141-000 UNIT	04-022-446	ZJ	

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(CONT'D)

AP FIG 19 CAD 084

(CONT'D)

AP FIG 1 CAD 085

(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	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										
J6										J6										J1										J1										J1										J1									
1045-158-232	GRD			232	GRD	1141-000 UNIT	04-028-232	ZJ		1045-158-542	1EEP218C			542	1EEP218C	1141-000 UNIT	04-028-542	ZJ		428-176-322	NC									428-176-322	NC									428-176-322	NC																		
1045-158-233	1EEP229C			233	1EEP229C	1141-000 UNIT	04-028-233	ZJ		1045-158-543	1EEP217T			543	1EEP217T	1141-000 UNIT	04-028-543	ZJ		428-176-423	NC									428-176-423	NC									428-176-423	NC																		
1045-158-234	1EEP228T			234	1EEP228T	1141-000 UNIT	04-028-234	ZJ						544																																													
1045-158-235	NC			235						1045-158-545	GRD			545	GRD	1141-000 UNIT	04-028-545	ZJ		428-176-521	00ELSY4T									428-176-521	00ELSY4T										428-176-521	00ELSY4T																	
1045-158-236	1EEP225C			236	1EEP225C	1141-000 UNIT	04-028-236	ZJ		1045-158-546	1EEP214C			546	1EEP214C	1141-000 UNIT	04-028-546	ZJ		428-176-521	00EL654T									428-176-521	00EL654T										428-176-521	00EL654T																	
1045-158-237	1EEP224T			237	1EEP224T	1141-000 UNIT	04-028-237	ZJ		1045-158-547	1EEP213T			547	1EEP213T	1141-000 UNIT	04-028-547	ZJ		428-176-521	NC									428-176-521	NC									428-176-521	NC																		
1045-158-238	NC			238						1045-158-548	GRD			548	GRD	1141-000 UNIT	04-028-548	ZJ		428-176-521	NC									428-176-521	NC									428-176-521	NC																		
1045-158-239	1EEP221C			239	1EEP221C	1141-000 UNIT	04-028-239	ZJ		1045-158-549	1EEP210C			549	1EEP210C	1141-000 UNIT	04-028-549	ZJ		428-176-521	NC									428-176-521	NC									428-176-521	NC																		
1045-158-240	1EEP220T			240	1EEP220T	1141-000 UNIT	04-028-240	ZJ		1045-158-550	1EEP209T			550	1EEP209T	1141-000 UNIT	04-028-550	ZJ		428-176-521	NC									428-176-521	NC									428-176-521	NC																		
1045-158-241	NC			241						1045-158-551	GRD			551	GRD	1141-000 UNIT	04-028-551	ZJ		428-176-521	NC									428-176-521	NC									428-176-521	NC																		
1045-158-242	1EEP217C			242	1EEP217C	1141-000 UNIT	04-028-242	ZJ		1045-158-552	1EEP206C			552	1EEP206C	1141-000 UNIT	04-028-552	ZJ		428-176-521	NC									428-176-521	NC									428-176-521	NC																		
1045-158-243	1EEP216T			243	1EEP216T	1141-000 UNIT	04-028-243	ZJ		1045-158-553	1EEP205T			553	1EEP205T	1141-000 UNIT	04-028-553	ZJ		428-176-521	NC									428-176-521	NC									428-176-521	NC																		
1045-158-244	NC			244						1045-158-554	GRD			554	GRD	1141-000 UNIT	04-028-554	ZJ		428-176-521	NC									428-176-521	NC									428-176-521	NC																		
1045-158-245	GRD			245	GRD	1141-000 UNIT	04-028-245	ZJ		1045-158-555	1EEP202C			555	1EEP202C	1141-000 UNIT	04-028-555	ZJ		428-176-521	NC									428-176-521	NC									428-176-521	NC																		
1045-158-246	1EEP213C			246	1EEP213C	1141-000 UNIT	04-028-246	ZJ		1045-158-556	1EEP201T			556	1EEP201T	1141-000 UNIT	04-028-556	ZJ		428-176-521	NC									428-176-521	NC									428-176-521	NC																		
1045-158-247	1EEP212T			247	1EEP212T	1141-000 UNIT	04-028-247	ZJ		AP FIG 1 CAD 085										ECL BUS UNIT CONTROL, BAY 4 TO CMCU BAY 5										ECL BUS UNIT CONTROL, BAY 4 TO CMCU BAY 5										ECL BUS UNIT CONTROL, BAY 4 TO CMCU BAY 5																			
1045-158-248	NC			248						TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION																			
1045-158-249	1EEP209C			249	1EEP209C	1141-000 UNIT	04-028-249	ZJ		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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
1045-158-250	1EEP208T			250	1EEP208T	1141-000 UNIT	04-028-250	ZJ		J1	528-111	JACK/UNIT	(CMCU)							J1	528-111	JACK/UNIT	(CMCU)							J1	528-111	JACK/UNIT	(CMCU)							J1	528-111	JACK/UNIT	(CMCU)																
1045-158-251	NC			251						NC				000						NC										NC										NC																			
1045-158-252	1EEP205C			252	1EEP205C	1141-000 UNIT	04-028-252	ZJ		NC				001						NC										NC										NC																			
1045-158-253	1EEP204T			253	1EEP204T	1141-000 UNIT	04-028-253	ZJ		NC				002						NC										NC										NC																			
1045-158-254	NC			254						NC				003						NC										NC										NC																			
1045-158-255	1EEP201C			255	1EEP201C	1141-000 UNIT	04-028-255	ZJ		NC				004						NC										NC										NC																			
1045-158-256	1EEP200T			256	1EEP200T	1141-000 UNIT	04-028-256	ZJ		NC				005						NC										NC										NC																			
1045-158-332	1EEP231T			332	1EEP231T	1141-000 UNIT	04-028-332	ZJ		NC				006						NC										NC										NC																			
1045-158-333	GRD			333	GRD	1141-000 UNIT	04-028-333	ZJ		NC				007						NC										NC										NC																			
1045-158-334	1EEP228C			334	1EEP228C	1141-000 UNIT	04-028-334	ZJ		428-176-406	00STER0C			008						428-176-406	00STER0C								428-176-406	00STER0C									428-176-406	00STER0C																			
1045-158-335	1EEP227T			335	1EEP227T	1141-000 UNIT	04-028-335	ZJ		428-176-507	00STCD0C			009						428-176-507	00STCD0C								428-176-507	00STCD0C									428-176-507	00STCD0C																			
1045-158-336	GRD			336	GRD	1141-000 UNIT	04-028-336	ZJ		428-176-400	00EMX3C			010						428-176-400	00EMX3C								428-176-400	00EMX3C									428-176-400	00EMX3C																			
1045-158-337	1EEP224C			337	1EEP224C	1141-000 UNIT	04-028-337	ZJ		428-176-501	00EMX2C																																																

EEL-BUS UNIT CONTROL, BAY 7 TO CMCJ BAY 6

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(CONT'D)

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GB99

ECL-BUS UNIT CONTROL, BAY 7 TO CMCU BAY 6

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	CONNECTED TERMINAL	OPT	NOTE
.....J1				628-112	JACK/UNIT	(CMCU)			
	NC			238					
745-006-316	1EEMSYOT			239	1EEMSYOT 624-000	UNIT	04-112-239		
745-006-417	1EEM650T			240	1EEM650T 624-000	UNIT	04-112-240		
	NC			241					
745-006-518	1EEMSY1T			242	1EEMSY1T 624-000	UNIT	04-112-242		
745-006-218	1EEM651T			243	1EEM651T 624-000	UNIT	04-112-243		
745-006-416	1EEMSY0C			338	1EEMSY0C 624-000	UNIT	04-112-338		
745-006-517	1EEM650C			339	1EEM650C 624-000	UNIT	04-112-339		
	NC			340					
745-006-217	1EEMSY1C			341	1EEMSY1C 624-000	UNIT	04-112-341		
745-006-318	1EEM651C			342	1EEM651C 624-000	UNIT	04-112-342		
	NC			343					

AP FIG 19 CAD 089

ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 0

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				028-103	JACK/UNIT	(EBU)			
	NC			000					ZJ
	NC			001					
	NC			002					
	NC			003					ZJ
	NC			004					
	NC			005					
	NC			006					ZJ
028-091-007	00STCD0C			007	00STCD0C 024-000	UNIT	04-103-007		ZJ
028-091-008	00STER1T			008	00STER1T 024-000	UNIT	04-103-008		ZJ
	NC			009					ZJ
028-091-010	00STCD2C			010	00STCD2C 024-000	UNIT	04-103-010		ZJ
028-091-011	00STER3T			011	00STER3T 024-000	UNIT	04-103-011		ZJ
	NC			012					
028-091-013	GRD			013	GRD 024-000	UNIT	04-103-013		ZJ
028-091-014	00STCD4C			014	00STCD4C 024-000	UNIT	04-103-014		ZJ
	NC			015					
	NC			016					ZJ
	NC			017					
	NC			018					
	NC			019					ZJ
	NC			020					
	NC			021					
	NC			022					ZJ
	NC			023					
	NC			024					
.....J1				028-102	JACK/UNIT	(EBU)			
	NC			000					
	NC			001					
	NC			002					ZJ
	NC			003					
	NC			004					
	NC			005					
028-090-006	00STER0C			006	00STER0C 024-000	UNIT	04-102-006		ZJ
028-090-007	00STCD0T			007	00STCD0T 024-000	UNIT	04-102-007		ZJ
	NC			008					
028-090-009	00STER2C			009	00STER2C 024-000	UNIT	04-102-009		ZJ
028-090-010	00STCD2T			010	00STCD2T 024-000	UNIT	04-102-010		ZJ
	NC			011					
	NC			012					
028-090-013	00STER4C			013	00STER4C 024-000	UNIT	04-102-013		ZJ
028-090-014	00STCD4T			014	00STCD4T 024-000	UNIT	04-102-014		ZJ
	NC			015					ZJ
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	CONNECTED TERMINAL	OPT	NOTE
.....J1				628-112	JACK/UNIT	(CMCU)			
	NC			238					
745-006-316	1EEMSYOT			239	1EEMSYOT 624-000	UNIT	04-112-239		
745-006-417	1EEM650T			240	1EEM650T 624-000	UNIT	04-112-240		
	NC			241					
745-006-518	1EEMSY1T			242	1EEMSY1T 624-000	UNIT	04-112-242		
745-006-218	1EEM651T			243	1EEM651T 624-000	UNIT	04-112-243		
745-006-416	1EEMSY0C			338	1EEMSY0C 624-000	UNIT	04-112-338		
745-006-517	1EEM650C			339	1EEM650C 624-000	UNIT	04-112-339		
	NC			340					
745-006-217	1EEMSY1C			341	1EEMSY1C 624-000	UNIT	04-112-341		
745-006-318	1EEM651C			342	1EEM651C 624-000	UNIT	04-112-342		
	NC			343					

AP FIG 19 CAD 089

ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 0

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				028-103	JACK/UNIT	(EBU)			
	NC			000					ZJ
	NC			001					
	NC			002					
	NC			003					ZJ
	NC			004					
	NC			005					
	NC			006					ZJ
028-091-007	00STCD0C			007	00STCD0C 024-000	UNIT	04-103-007		ZJ
028-091-008	00STER1T			008	00STER1T 024-000	UNIT	04-103-008		ZJ
	NC			009					ZJ
028-091-010	00STCD2C			010	00STCD2C 024-000	UNIT	04-103-010		ZJ
028-091-011	00STER3T			011	00STER3T 024-000	UNIT	04-103-011		ZJ
	NC			012					
028-091-013	GRD			013	GRD 024-000	UNIT	04-103-013		ZJ
028-091-014	00STCD4C			014	00STCD4C 024-000	UNIT	04-103-014		ZJ
	NC			015					
	NC			016					ZJ
	NC			017					
	NC			018					
	NC			019					ZJ
	NC			020					
	NC			021					
	NC			022					ZJ
	NC			023					
	NC			024					
.....J1				028-102	JACK/UNIT	(EBU)			
	NC			000					
	NC			001					
	NC			002					ZJ
	NC			003					
	NC			004					
	NC			005					
028-090-006	00STER0C			006	00STER0C 024-000	UNIT	04-102-006		ZJ
028-090-007	00STCD0T			007	00STCD0T 024-000	UNIT	04-102-007		ZJ
	NC			008					
028-090-009	00STER2C			009	00STER2C 024-000	UNIT	04-102-009		ZJ
028-090-010	00STCD2T			010	00STCD2T 024-000	UNIT	04-102-010		ZJ
	NC			011					
	NC			012					
028-090-013	00STER4C			013	00STER4C 024-000	UNIT	04-102-013		ZJ
028-090-014	00STCD4T			014	00STCD4T 024-000	UNIT	04-102-014		ZJ
	NC			015					ZJ
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					

<CONT'D>

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				028-101	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001				ZJ	
	NC			002					
	NC			003					
	NC			004				ZJ	
	NC			005					
028-089-006	00STER0T			006	00STER0T 024-000	UNIT	04-101-006	ZJ	
	NC			007				ZJ	
028-089-008	00STCD1C			008	00STCD1C 024-000	UNIT	04-101-008	ZJ	
028-089-009	00STER2T			009	00STER2T 024-000	UNIT	04-101-009	ZJ	
	NC			010				ZJ	
028-089-011	00STCD3C			011	00STCD3C 024-000	UNIT	04-101-011	ZJ	
	NC			012					
028-089-013	00STER4T			013	00STER4T 024-000	UNIT	04-101-013	ZJ	
	NC			014				ZJ	
	NC			015					
	NC			016					
	NC			017				ZJ	
	NC			018					
	NC			019					
	NC			020				ZJ	
	NC			021					
	NC			022					
	NC			023				ZJ	
	NC			024					
.....J1				028-100	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001				ZJ	
	NC			002					
	NC			003					
	NC			004					
	NC			005					
	NC			006					
028-088-007	00STER1C			007	00STER1C 024-000	UNIT	04-100-007	ZJ	
028-088-008	00STCD1T			008	00STCD1T 024-000	UNIT	04-100-008	ZJ	
	NC			009					
028-088-010	00STER3C			010	00STER3C 024-000	UNIT	04-100-010	ZJ	
028-088-011	00STCD3T			011	00STCD3T 024-000	UNIT	04-100-011	ZJ	
	NC			012					
	NC			013				ZJ	
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

DWG SIZE

ISSUE

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

ONG SIZE
7

ISSUE
32

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SD-5D144-02

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{CONT'D}

	0
32	32
32	32
32	32
32	32
32	32
32	32

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ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 3

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

DWG SIZE
C2

ISSUE
3B

ATBT

SD-SD144-02

GB101

AP FIG 19 CAD 090 (CONT'D)										AP FIG 19 CAD 090 (CONT'D)										AP FIG 19 CAD 091 (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
.....J1 328-094 JACK/UNIT (EBU)..... NC 200 NC 201 NC 202 NC 203 NC 204 NC 205 NC 206 NC 207 NC 208 NC 209 328-090-013 OOSTER4C 210 OOSTER4C 424-000 UNIT 04-094-210 ZE 328-090-014 OOSTCD4T 211 OOSTCD4T 424-000 UNIT 04-094-211 ZE NC 212 NC 213 NC 214 NC 215 NC 216 NC 217 NC 218 NC 219 NC 220 NC 221 NC 222 NC 223 NC 224 NC 300 NC 301 NC 302 NC 303 NC 304 NC 305 NC 306 NC 307 NC 308 NC 309 528-091-014 OOSTCD4C 310 OOSTCD4C 424-000 UNIT 04-094-311 ZE NC 311 NC 312 NC 313 NC 314 NC 315 NC 316 NC 317 NC 318 NC 319 NC 320 NC 321 NC 322 NC 323 NC 324 NC 401 NC 402 NC 403 NC 404 NC 405 NC 406 NC 407 NC 408 NC 409 NC 410 NC 411 NC 412 NC 413 NC 414 NC 415 NC 416 NC 417 NC 418 NC 419 NC 420 NC 421 NC 422 NC 423 NC 424 NC 500 NC 501 NC 502 NC 503 NC 504 NC 505 NC 506 NC 507 NC 508 NC 509 NC 510										J1 328-094 JACK/UNIT (EBU)..... 328-089-013 OOSTER4T 511 OOSTER4T 424-000 UNIT 04-094-511 ZE NC 512 NC 513 NC 514 NC 515 NC 516 NC 517 NC 518 NC 519 NC 520 NC 521 NC 522 NC 523 NC 524										J1 128-102 JACK/UNIT (EBU)..... NC 024 J1 128-101 JACK/UNIT (EBU)..... NC 000 NC 001 NC 002 NC 003 NC 004 NC 005 128-089-006 OOSTER0T 006 OOSTER0T 124-000 UNIT 04-101-006 ZG 128-089-008 OOSTCD1C 007 OOSTCD1C 124-000 UNIT 04-101-008 ZG 128-089-009 OOSTER2T 008 OOSTER2T 124-000 UNIT 04-101-009 ZG NC 010 NC 011 NC 012 128-089-013 OOSTER4T 013 OOSTER4T 124-000 UNIT 04-101-013 ZG NC 014 NC 015 NC 016 NC 017 NC 018 NC 019 NC 020 NC 021 NC 022 NC 023 NC 024 J1 128-100 JACK/UNIT (EBU)..... NC 000 NC 001 NC 002 NC 003 NC 004 NC 005 NC 006 128-088-007 OOSTER1C 007 OOSTER1C 124-000 UNIT 04-100-007 ZG 128-088-008 OOSTCD1T 008 OOSTCD1T 124-000 UNIT 04-100-008 ZG NC 009 NC 010 NC 011 NC 012 NC 013 NC 014 NC 015 NC 016 NC 017 NC 018 NC 019 NC 020 NC 021 NC 022 NC 023 NC 024									
AP FIG 19 CAD 091 ECL-BUS UNIT ERROR ORIGINATOR, LOWER EBU BAY 1																													
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
.....J1 128-103 JACK/UNIT (EBU)..... NC 000 NC 001 NC 002 NC 003 NC 004 NC 005 NC 006 128-091-007 OOSTCD0C 007 OOSTCD0C 124-000 UNIT 04-103-007 ZG 128-091-008 OOSTER1T 008 OOSTER1T 124-000 UNIT 04-103-008 ZG NC 009 128-091-010 OOSTCD2C 010 OOSTCD2C 124-000 UNIT 04-103-010 ZG NC 011 NC 012 NC 013 128-091-014 OOSTCD4C 014 OOSTCD4C 124-000 UNIT 04-103-014 ZG NC 015 NC 016 NC 017 NC 018 NC 019 NC 020 NC 021 NC 022 NC 023 NC 024										J1 128-102 JACK/UNIT (EBU)..... NC 000 NC 001 NC 002 NC 003 NC 004 NC 005 NC 006 128-090-006 OOSTER0C 006 OOSTER0C 124-000 UNIT 04-102-006 ZG 128-090-007 OOSTCD0T 007 OOSTCD0T 124-000 UNIT 04-102-007 ZG NC 008 128-090-009 OOSTER2C 009 OOSTER2C 124-000 UNIT 04-102-009 ZG 128-090-010 OOSTCD2T 010 OOSTCD2T 124-000 UNIT 04-102-010 ZG NC 011 NC 012 128-090-013 OOSTER4C 013 OOSTER4C 124-000 UNIT 04-102-013 ZG 128-090-014 OOSTCD4T 014 OOSTCD4T 124-000 UNIT 04-102-014 ZG NC 015 NC 016 NC 017 NC 018 NC 019 NC 020 NC 021 NC 022 NC 023																			

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

AT&T

DWG SIZE
C2

ISSUE
3B

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GB102

AP FIG 19 CAD 092
(CONT'D)

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AP FIG 19 CAD 092 (CONT'D)										AP FIG 19 CAD 092 (CONT'D)										AP FIG 1 CAD 093 (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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
J1										J1										J1										J1									
428-094										428-094 (CONT'D)										228-102 (CONT'D)										228-101									
JACK/UNIT (EBU)										JACK/UNIT (EBU)										JACK/UNIT (EBU)										JACK/UNIT (EBU)									
NC				200						NC				511	00STER2T	424-000 UNIT	04-094-511			NC				024															
NC				201						NC				512						NC				000															
NC				202						NC				513						NC				001						ZF									
NC				203						NC				514						NC				002															
NC				204						NC				515						NC				003															
NC				205						NC				516						NC				004						ZF									
NC				206						NC				517						NC				005															
NC				207						NC				518						NC				006	00STER0T	224-000 UNIT	04-101-006			ZF									
NC				208						NC				519						NC				007						ZF									
NC				209						NC				520						NC				008															
428-090-009	00STER2C			210	00STER2C	424-000 UNIT	04-094-210			NC				521						228-089-006	00STER0T			009	00STER2T	224-000 UNIT	04-101-009			ZF									
428-090-010	00STCD2T			211	00STCD2T	424-000 UNIT	04-094-211			NC				522						228-091-009	00STER2T			010						ZF									
NC				212						NC				523						NC				011															
NC				213						NC				524						NC				012															
NC				214						NC										228-091-013	00STER4T			013	00STER4T	224-000 UNIT	04-101-013			ZF									
NC				215						NC										NC				014						ZF									
NC				216						NC										NC				015															
NC				217						NC										NC				016															
NC				218						NC										NC				017															
NC				219						NC										NC				018						ZF									
NC				220						NC										NC				019															
NC				221						NC										NC				020						ZF									
NC				222						NC										NC				021															
NC				223						NC										NC				022															
NC				224						NC										NC				023						ZF									
NC				300						NC										NC				024															
NC				301						NC										NC																			
NC				302						NC										NC																			
NC				303						NC										NC																			
NC				304						NC										NC																			
NC				305						NC										NC																			
NC				306						NC										NC																			
NC				307						NC										NC																			
NC				308						NC										NC																			
NC				309						NC										NC																			
NC				310						NC										NC																			
428-091-010	00STCD2C			311	00STCD2C	424-000 UNIT	04-094-311			NC				000						228-100	JACK/UNIT (EBU)			000						ZF									
NC				312						NC				001						NC				001															
NC				313						NC				002						NC				002															
NC				314						NC				003						NC				003															
NC				315						NC				004						NC				004															
NC				316						NC				005						NC				005															
NC				317						NC				006	00STCD0C	224-000 UNIT	04-103-007			NC			006																
NC				318						NC				007						NC				007															
NC				319						NC				008						NC				008															
NC				320						NC				009	00STCD2C	224-000 UNIT	04-103-010			NC			009																
NC				321						NC				010						NC				010															
NC				322						NC				011						NC				011															
NC				323						NC																													

(CONT'D)

A vertical scale is shown with a horizontal line and tick marks. The scale is labeled from 0 to 8 cm on the right side. Points A through H are marked on the left side of the scale. Point A is at the 0 cm mark, B is at 1 cm, C is at 2 cm, D is at 4 cm, E is at 5 cm, F is at 6 cm, G is at 7 cm, and H is at 8 cm. A horizontal arrow points to point D, which is at the 4 cm mark.

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A	TO CONNECTION				FROM CONNECTION					
	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
B	J1				928-091	JACK/UNIT	(EBU).....			
		NC			000					
		NC			001				ZF	
		NC			002					
		NC			003					
		NC			004				ZF	
		NC			005					
		NC			006					
	928-103-007	10STCD0C			007	10STCD0C 924-000	UNIT	04-091-007	ZF	
		NC			008					
		NC			009				ZF	
	928-103-010	10STCD2C			010	10STCD2C 924-000	UNIT	04-091-010	ZF	
		NC			011					
		NC			012					
		NC			013					
C	928-103-014	10STCD4C			014	10STCD4C 924-000	UNIT	04-091-014	ZF	
		NC			015					
		NC			016				ZF	
		NC			017					
		NC			018					
		NC			019				ZF	
		NC			020					
		NC			021					
		NC			022					
		NC			023				ZF	
		NC			024					
	J1				928-090	JACK/UNIT	(EBU).....			
		NC			000					
		NC			001					
		NC			002				ZF	
	NC			003						
	NC			004						
	NC			005						
928-102-006	10STER0C			006	10STER0C 924-000	UNIT	04-090-006	ZF		
928-102-007	10STCD0T			007	10STCD0T 924-000	UNIT	04-090-007	ZF		
	NC			008						
928-103-009	10STER2C			009	10STER2C 924-000	UNIT	04-090-009	ZF		
928-103-010	10STCD2T			010	10STCD2T 924-000	UNIT	04-090-010	ZF		
	NC			011						
	NC			012						
	NC			013						
	NC			014						
	NC			015				ZF		
	NC			016						
	NC			017						
	NC			018						
	NC			019						
	NC			020						
	NC			021						
	NC			022						
	NC			023						
	NC			024						
F	J1				928-089	JACK/UNIT	(EBU).....			
		NC			000					
		NC			001				ZF	
		NC			002					

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				928-088	JACK/UNIT	(EBU).....			
	NC			000					ZF
	NC			001					
	NC			002					
	NC			003					
	NC			004					
	NC			005					
	NC			006					
	NC			007					
	NC			008					
	NC			009					
	NC			010					
	NC			011					
	NC			012					
	NC			013					ZF
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					

AP FIG 19 CAD 095

ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 7

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				728-094	JACK/UNIT	(EBU).....			
	NC			200					
	NC			201					
	NC			202					
	NC			203					
	NC			204					
	NC			205					
	NC			206					
	NC			207					
	NC			208					
	NC			209					
728-102-009	10STER2C			210	10STER2C 724-000	UNIT	04-094-210		
728-102-010	10STCD2T			211	10STCD2T 724-000	UNIT	04-094-211		
	NC			212					
	NC			213					
	NC			214					
	NC			215					
	NC			216					
	NC			217					
	NC			218					
	NC			219					
	NC			220					
	NC			221					
	NC			222					
	NC			223					
	NC			224					
	NC			300					
	NC			301					
	NC			302					
	NC			303					
	NC			304					
	NC			305</					

(CONT'D)

TO CONNECTION		FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE
.....01				728-094 (CONT'D)	JACK/UNIT	(E8U).....			
	NC			318					
	NC			319					
	NC			320					
	NC			321					
	NC			322					
	NC			323					
	NC			324					
	NC			401					
	NC			402					
	NC			403					
	NC			404					
	NC			405					
	NC			406					
	NC			407					
	NC			408					
	NC			409					
	NC			410					
	NC			411					
	NC			412					
	NC			413					
	NC			414					
	NC			415					
	NC			416					
	NC			417					
	NC			418					
	NC			419					
	NC			420					
	NC			421					
	NC			422					
	NC			423					
	NC			424					
	NC			500					
	NC			501					
	NC			502					
	NC			503					
	NC			504					
	NC			505					
	NC			506					
	NC			507					
	NC			508					
	NC			509					
	NC			510					
728-101-009	10STER2T			511	10STER2T	724-000	UNIT	04-094-511	
	NC			512					
	NC			513					
	NC			514					
	NC			515					
	NC			516					
	NC			517					
	NC			518					
	NC			519					
	NC			520					
	NC			521					
	NC			522					
	NC			523					
	NC			524					

GB106

AP FIG 19 CAD 095
(CONT'D)

AP FIG 19 CAD 095
(CONT'D)

AP FIG 19 CAD 096
(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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
J1										J1										J1										J1									
728-091										728-088										1028-094 (CONT'D)										JACK/UNIT (EBU)									
JACK/UNIT (EBU)										JACK/UNIT (EBU)										JACK/UNIT (EBU)										JACK/UNIT (EBU)									
NC 000										NC 000										NC 318										NC 318									
NC 001										NC 001										NC 319										NC 319									
NC 002										NC 002										NC 320										NC 320									
NC 003										NC 003										NC 321										NC 321									
NC 004										NC 004										NC 322										NC 322									
NC 005										NC 005										NC 323										NC 323									
NC 006										NC 006										NC 324										NC 324									
728-103-007 10STCD0C										728-100-007 10STER1C										10STER1C 724-000 UNIT 04-088-007										10STER1C 724-000 UNIT 04-088-007									
728-103-008 10STER1T										728-100-008 10STCD1T										10STCD1T 724-000 UNIT 04-088-008										10STCD1T 724-000 UNIT 04-088-008									
NC 009										NC 009										NC 401										NC 401									
NC 010										NC 010										NC 402										NC 402									
NC 011										NC 011										NC 403										NC 403									
NC 012										NC 012										NC 404										NC 404									
NC 013										NC 013										NC 405										NC 405									
NC 014										NC 014										NC 406										NC 406									
NC 015										NC 015										NC 407										NC 407									
NC 016										NC 016										NC 408										NC 408									
NC 017										NC 017										NC 409										NC 409									
NC 018										NC 018										NC 410										NC 410									
NC 019										NC 019										NC 411										NC 411									
NC 020										NC 020										NC 412										NC 412									
NC 021										NC 021										NC 413										NC 413									
NC 022										NC 022										NC 414										NC 414									
NC 023										NC 023										NC 415										NC 415									
NC 024										NC 024										NC 416										NC 416									
NC 024										NC 024										NC 417										NC 417									
NC 000										NC 000										NC 418										NC 418									
NC 001										NC 001										NC 419										NC 419									
NC 002										NC 002										NC 420										NC 420									
NC 003										NC 003										NC 421										NC 421									
NC 004										NC 004										NC 422										NC 422									
NC 005										NC 005										NC 423										NC 423									
NC 006										NC 006										NC 424										NC 424									
728-102-006 10STER0C										10STER0C 724-000 UNIT 04-090-006										10STER0C 724-000 UNIT 04-090-006										10STER0C 724-000 UNIT 04-090-006									
728-102-007 10STCD0T										10STCD0T 724-000 UNIT 04-090-007										10STCD0T 724-000 UNIT 04-090-007										10STCD0T 724-000 UNIT 04-090-007									
NC 008										NC 008										NC 501										NC 501									
NC 009										NC 009										NC 502										NC 502									
NC 010										NC 010										NC 503										NC 503									
NC 011										NC 011										NC 504										NC 504									
NC 012										NC 012										NC 505										NC 505									
NC 013										NC 013										NC 506										NC 506									
NC 014										NC 014										NC 507										NC 507									
NC 015										NC 015										NC 508										NC 508									
NC 016										NC 016										NC 509										NC 509									
NC 017										NC 017										NC 510										NC 510									
NC 018										NC 018										NC 511										NC 511									
NC 019										NC 019										NC 512										NC 512									
NC 020										NC 020										NC 513										NC 513									
NC 021										NC 021										NC 514										NC 514									
NC 022										NC 022										NC 515										NC 515									
NC 023										NC 023										NC 516										NC 516									
NC 024										NC 024										NC 517										NC 517									
NC 024										NC 024										NC 518										NC 518									
NC 000										NC 000										NC 519										NC 519									
NC 001										NC 001										NC 520										NC 520									
NC 002										NC 002										NC 521										NC 521									
NC 003										NC 003										NC 522										NC 522									
NC 004										NC 004										NC 523										NC 523									
NC 005										NC 005										NC 524										NC 524									
728-101-006 10STER0T										10STER0T 724-000 UNIT 04-089-006										10STER0T 724-000 UNIT 04-089-006										10STER0T 724-000 UNIT 04-089-006									
728-101-008 10STCD1C										10STCD1C 724-000 UNIT 04-089-008										10STCD1C 724-000 UNIT 04-089-008										10STCD1C 724-000 UNIT 04-089-008									
NC 009										NC 009										NC 301										NC 301									
NC 010										NC 010										NC 302										NC 302									
NC 011										NC 011										NC 303										NC 303									
NC 012										NC 012										NC 304										NC 304									
NC 013										NC 013										NC 305										NC 305									
NC 014										NC 014										NC 306										NC 306									
NC 015										NC 015										NC 307										NC 307									
NC 016										NC 016										NC 308										NC 308									
NC 017										NC 017										NC 309										NC 309									
NC 018										NC 018										NC 310										NC 310									
NC 019										NC 019										NC 311										NC 311									
NC 020										NC 020										NC 312										NC 312									
NC 021										NC 021										NC 313										NC 313									
NC 022										NC 022										NC 314										NC 314									
NC 023										NC 023										NC 315										NC 315									
NC 024										NC 024										NC 316										NC 316									
NC 024										NC 024										NC 317										NC 317									

AP FIG 19 CAD 096

ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 10

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
J1										1028-094 JACK/UNIT (EBU)									
NC 200										ZG									
NC 201										ZG									
NC 202										ZG									
NC 203										ZG									
NC 204										ZG									
NC 205										ZG									
NC 206										ZG									
NC 207										ZG									
NC 208										ZG									
NC 209										ZG									
1028-100-010 10STER3C										10STER3C 1024-000 UNIT 04-094-210 ZG									
1028-100-011 10STCD3T										10STCD3T 1024-000 UNIT 04-094-211 ZG									
NC 212										ZG									
NC 213										ZG									
NC 214										ZG									
NC 215										ZG									
NC 216										ZG									
NC 217										ZG									
NC 218										ZG									
NC 219										ZG									
NC 220										ZG									
NC 221										ZG									
NC 222										ZG									
NC 223										ZG									
NC 224										ZG									
NC 300										ZG									
NC 301										ZG									
NC 302										ZG									
NC 303										ZG									
NC 304										ZG									
NC 305										ZG									
NC 306										ZG									
NC 307										ZG									
NC 308										ZG									
NC 309										ZG									
NC 310										ZG									
1028-101-011 10STCD3C										10STCD3C 1024-000 UNIT 04-094-311 ZG									
NC 312										ZG									
NC 313										ZG									
NC 314										ZG									
NC 315										ZG									
NC 316										ZG									
NC 317										ZG									

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(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				1028-091	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001				ZG	
	NC			002					
	NC			003					
	NC			004				ZG	
	NC			005					
	NC			006					
1028-103-007	10STCD0C			007	10STCD0C 1024-000 UNIT		04-091-007	ZG	
1028-103-008	10STER1T			008	10STER1T 1024-000 UNIT		04-091-008	ZG	
	NC			009				ZG	
1028-103-010	10STCD2C			010	10STCD2C 1024-000 UNIT		04-091-010	ZG	
	NC			011					
	NC			012					
	NC			013					
1028-103-014	10STCD4C			014	10STCD4C 1024-000 UNIT		04-091-014	ZG	
	NC			015				ZG	
	NC			016					
	NC			017				ZG	
	NC			018					
	NC			019				ZG	
	NC			020					
	NC			021					
	NC			022				ZG	
	NC			023					
	NC			024					
.....J1				1028-090	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001					
	NC			002				ZG	
	NC			003					
	NC			004					
	NC			005					
1028-102-006	10STER0C			006	10STER0C 1024-000 UNIT		04-090-006	ZG	
1028-102-007	10STCD0T			007	10STCD0T 1024-000 UNIT		04-090-007	ZG	
	NC			008					
1028-102-009	10STER2C			009	10STER2C 1024-000 UNIT		04-090-009	ZG	
1028-102-010	10STCD2T			010	10STCD2T 1024-000 UNIT		04-090-010	ZG	
	NC			011					
	NC			012					
1028-103-013	10STER4C			013	10STER4C 1024-000 UNIT		04-090-013	ZG	
1028-103-014	10STCD4T			014	10STCD4T 1024-000 UNIT		04-090-014	ZG	
	NC			015				ZG	
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
.....J1				1028-089	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001					
	NC			002				ZG	
	NC			003					
	NC			004					
	NC			005				ZG	
1028-101-006	10STER0T			006	10STER0T 1024-000 UNIT		04-089-006	ZG	
	NC			007				ZG	
1028-101-008	10STCD1C			008	10STCD1C 1024-000 UNIT		04-089-008	ZG	
1028-101-009	10STER2T			009	10STER2T 1024-000 UNIT		04-089-009	ZG	
	NC			010				ZG	
	NC			011					
	NC			012					
	NC			013					
	NC			014					
	NC			015				ZG	
	NC			016					
	NC			017					
	NC			018				ZG	
	NC			019					
	NC			020					
	NC			021				ZG	
	NC			022					
	NC			023					
	NC			024				ZG	

(CGNT 'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
J1				1028-088	JACK/UNIT	(EBU)			
	NC			000					ZG
	NC			001					
	NC			002					
	NC			003					
	NC			004					
	NC			005					
	NC			006					
1028-100-007	10STER1C			007	10STER1C	1024-000 UNIT	04-088-007		ZG
1028-100-008	10STCD1T			008	10STCD1T	1024-000 UNIT	04-088-008		ZG
	NC			009					
	NC			010					
	NC			011					
	NC			012					
	NC			013					
	NC			014					ZG
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					

AP FIG 19 CAD 097

ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 8

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
J1				1828-094	JACK/UNIT	(EBU)			
	NC			200					ZE
	NC			201					
	NC			202					
	NC			203					
	NC			204					
	NC			205					
	NC			206					
	NC			207					
	NC			208					
	NC			209					
1828-102-013	10STER4C			210	10STER4C	1824-000 UNIT	04-094-210		ZE
1828-102-014	10STCD4T			211	10STCD4T	1824-000 UNIT	04-094-211		ZE
	NC			212					
	NC			213					ZE
	NC			214					
	NC			215					
	NC			216					
	NC			217					
	NC			218					
	NC			219					
	NC			220					
	NC			221					
	NC			222					
	NC			223					
	NC			224					
	NC			300					
	NC			301					ZE
	NC			302					
	NC			303					

(CONT'D)

TO CONNECTION		FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J1				1828-094 (CONT'D)	JACK/UNIT	(EBU)	
	NC			318			
	NC			319			
	NC			320			ZE
	NC			321			
	NC			322			
	NC			323			ZE
	NC			324			
	NC			401			
	NC			402			ZE
	NC			403			
	NC			404			
	NC			405			
	NC			406			
	NC			407			
	NC			408			
	NC			409			
	NC			410			
	NC			411			
	NC			412			
	NC			413			
	NC			414			
	NC			415			ZE
	NC			416			
	NC			417			
	NC			418			
	NC			419			
	NC			420			
	NC			421			
	NC			422			
	NC			423			
	NC			424			
	NC			500			ZE
	NC			501			
	NC			502			
	NC			503			ZE
	NC			504			
	NC			505			
	NC			506			ZE
	NC			507			
	NC			508			
	NC			509			ZE
	NC			510			
1828-101-013	10STER4T			511	10STER4T 1824-000 UNIT	04-094-511	ZE
	NC			512			
	NC			513			ZE
	NC			514			
	NC			515			
	NC			516			ZE
	NC			517			
	NC			518			
	NC			519			ZE
	NC			520			
	NC			521			
	NC			522			ZE
	NC			523			
	NC			524			

ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 8

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				1828-094	JACK/UNIT	(EBU).....			
	NC			200					
	NC			201					ZE
	NC			202					
	NC			203					
	NC			204					
	NC			205					
	NC			206					
	NC			207					
	NC			208					
	NC			209					
1828-102-013	10STER4C			210	10STER4C	1824-000 UNIT	04-094-210		ZE
1828-102-014	10STCD4T			211	10STCD4T	1824-000 UNIT	04-094-211		ZE
	NC			212					
	NC			213					
	NC			214					ZE
	NC			215					
	NC			216					
	NC			217					
	NC			218					
	NC			219					
	NC			220					
	NC			221					
	NC			222					
	NC			223					
	NC			224					
	NC			300					
	NC			301					ZE
	NC			302					
	NC			303					
	NC			304					ZE
	NC			305					
	NC			306					
	NC			307					ZE
	NC			308					
	NC			309					
	NC			310					ZE
1828-103-014				311					ZE
	NC			312					
	NC			313					
	NC			314					ZE
	NC			315					
	NC			316					
	NC			317					ZE

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ECL-BUS UNIT ERROR ORIGINATION, LOWER EBU BAY 11

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GB110

AP FIG 19 CAD 099
(CONT'D)

AP FIG 19 CAD 099
(CONT'D)

AP FIG 19 CAD 100
(CONT'D)

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
045-088-014	045-088-015	NC	J1	045-094	JACK/UNIT (EBU)					045-091-015	045-094 (CONT'D)	JACK/UNIT (EBU)			345-102 (CONT'D)	JACK/UNIT (EBU)			
NC	NC	200								NC	NC	024			NC	024			
NC	NC	201								NC	NC	000			NC	001			ZE
NC	NC	202								NC	NC	002			NC	003			ZE
NC	NC	203								NC	NC	004			NC	005			ZE
NC	NC	204								NC	NC	006			NC	007			ZE
NC	NC	205								NC	NC	008			NC	009			ZE
NC	NC	206								NC	NC	010			NC	011			ZE
NC	NC	207								NC	NC	012			NC	013			ZE
NC	NC	208								NC	NC	014			NC	015			ZE
NC	NC	209								NC	NC	016			NC	017			ZE
NC	NC	210								NC	NC	018			NC	019			ZE
NC	NC	211								NC	NC	020			NC	021			ZE
NC	NC	212								NC	NC	022			NC	023			ZE
NC	NC	213								NC	NC	024			NC	024			ZE
NC	NC	214								NC	NC	000			NC	001			ZE
NC	NC	215								NC	NC	002			NC	003			ZE
NC	NC	216								NC	NC	004			NC	005			ZE
NC	NC	217								NC	NC	006			NC	007			ZE
NC	NC	218								NC	NC	008			NC	009			ZE
NC	NC	219								NC	NC	010			NC	011			ZE
NC	NC	220								NC	NC	012			NC	013			ZE
NC	NC	221								NC	NC	014			NC	015			ZE
NC	NC	222								NC	NC	016			NC	017			ZE
NC	NC	223								NC	NC	018			NC	019			ZE
NC	NC	224								NC	NC	020			NC	021			ZE
NC	NC	300								NC	NC	022			NC	023			ZE
NC	NC	301								NC	NC	024			NC	024			ZE
NC	NC	302								NC	NC	000			NC	001			ZE
NC	NC	303								NC	NC	002			NC	003			ZE
NC	NC	304								NC	NC	004			NC	005			ZE
NC	NC	305								NC	NC	006			NC	007			ZE
NC	NC	306								NC	NC	008			NC	009			ZE
NC	NC	307								NC	NC	010			NC	011			ZE
NC	NC	308								NC	NC	012			NC	013			ZE
NC	NC	309								NC	NC	014			NC	015			ZE
NC	NC	310								NC	NC	016			NC	017			ZE
NC	NC	311								NC	NC	018			NC	019			ZE
NC	NC	312								NC	NC	020			NC	021			ZE
NC	NC	313								NC	NC	022			NC	023			ZE
NC	NC	314								NC	NC	024			NC	024			ZE
NC	NC	315								NC	NC	000			NC	001			ZE
NC	NC	316								NC	NC	002			NC	003			ZE
NC	NC	317								NC	NC	004			NC	005			ZE
NC	NC	318								NC	NC	006			NC	007			ZE
NC	NC	319								NC	NC	008			NC	009			ZE
NC	NC	320								NC	NC	010			NC	011			ZE
NC	NC	321								NC	NC	012			NC	013			ZE
NC	NC	322								NC	NC	014			NC	015			ZE
NC	NC	323								NC	NC	016			NC	017			ZE
NC	NC	324								NC	NC	018			NC	019			ZE
NC	NC	401								NC	NC	020			NC	021			ZE
NC	NC	402								NC	NC	022			NC	023			ZE
NC	NC	403								NC	NC	024			NC	024			ZE
NC	NC	404								NC	NC	000			NC	001			ZE
NC	NC	405								NC	NC	002			NC	003			ZE
NC	NC	406								NC	NC	004			NC	005			ZE
NC	NC	407								NC	NC	006			NC	007			ZE
NC	NC	408								NC	NC	008			NC	009			ZE
NC	NC	409								NC	NC	010			NC	011			ZE
NC	NC	410								NC	NC	012			NC	013			ZE
NC	NC	411								NC	NC	014			NC	015			ZE
NC	NC	412								NC	NC	016			NC	017			ZE
NC	NC	413								NC	NC	018			NC	019			ZE
NC	NC	414								NC	NC	020			NC	021			ZE
NC	NC	415								NC	NC	022			NC	023			ZE
NC	NC	416								NC	NC	024			NC	024			ZE
NC	NC	417								NC	NC	000			NC	001			ZE
NC	NC	418								NC	NC	002			NC	003			ZE
NC	NC	419								NC	NC	004			NC	005			ZE
NC	NC	420								NC	NC	006			NC	007			ZE
NC	NC	421								NC	NC	008			NC	009			ZE
NC	NC	422								NC	NC	010			NC	011			ZE
NC	NC	423								NC	NC	012			NC	013			ZE
NC	NC	424								NC	NC	014			NC	015			ZE
NC	NC	500								NC	NC	016			NC	017			ZE
NC	NC	501								NC	NC	018			NC	019			ZE
NC	NC	502								NC	NC	020			NC	021			ZE
NC	NC	503								NC	NC	022			NC	023			ZE
NC	NC	504								NC	NC	024			NC	024			ZE
NC	NC	505								NC	NC	000			NC	001			ZE
NC	NC	506								NC	NC	002			NC	003			ZE
NC	NC	507								NC	NC	004			NC	005			ZE
NC	NC	508								NC	NC	006			NC	007			ZE
NC	NC	509								NC	NC	008			NC	009			ZE
NC	NC	510								NC	NC	010			NC	011			ZE

AP FIG 19 CAD 100

ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 3

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

DWG SIZE
C2

ISSUE
38

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SD-5D144-02

GB111

AP FIG 19 CAD 100 (CONT'D)										AP FIG 19 CAD 100 (CONT'D)										AP FIG 19 CAD 101 (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		
.....J1					345-094 JACK/UNIT (EBU).....						J1					345-094 (CONT'D) JACK/UNIT (EBU).....						J1					145-102 (CONT'D) JACK/UNIT (EBU).....				
NC				200						345-089-013	OESTER4T			511	OESTER4T 341-000 UNIT	04-094-511					NC				024						
NC				201						NC				512							NC				000						
NC				202						NC				513							NC				001						
NC				203						NC				514							NC				002						
NC				204						NC				515							NC				003						
NC				205						NC				516							NC				004						
NC				206						NC				517							NC				005						
NC				207						NC				518							145-089-006	OESTER0T			006	OESTER0T 141-000 UNIT	04-101-006				
NC				208						NC				519							NC				007	OESTCD1C 141-000 UNIT	04-101-008				
NC				209						NC				520							145-089-008	OESTCD1C			008	OESTCD1C 141-000 UNIT	04-101-009				
345-090-013	OESTER4C			210	OESTER4C 341-000 UNIT	04-094-210				NC				521							145-089-009	OESTER2T			009	OESTER2T 141-000 UNIT	04-101-009				
345-090-014	OESTCD4T			211	OESTCD4T 341-000 UNIT	04-094-211				NC				522							NC				010						
NC				212						NC				523							NC				011						
NC				213						NC				524							145-089-013	OESTER4T			012	OESTER4T 141-000 UNIT	04-101-013				
NC				214						NC											NC				013						
NC				215						NC											NC				014						
NC				216						NC											NC				015						
NC				217						NC											NC				016						
NC				218						NC											NC				017						
NC				219						NC											NC				018						
NC				220						NC											NC				019						
NC				221						NC											NC				020						
NC				222						NC											NC				021						
NC				223						NC											NC				022						
NC				224						NC											NC				023						
NC				300						NC											NC				024						
NC				301						NC											NC										
NC				302						NC											NC										
NC				303						NC											NC										
NC				304						NC											NC										
NC				305						NC											NC										
NC				306						NC											NC										
NC				307						NC											NC										
NC				308						NC											NC										
NC				309						NC											NC										
NC				310						NC											NC										
345-091-014	OESTCD4C			311	OESTCD4C 341-000 UNIT	04-094-311				NC				000							NC				001						
NC				312						NC				001							NC				002						
NC				313						NC				002							NC				003						
NC				314						NC				003							NC				004						
NC				315						NC				004							NC				005						
NC				316						NC				005							NC				006						
NC				317						145-091-007	OESTCD0C			007	OESTCD0C 141-000 UNIT	04-103-007					145-088-007	OESTER1C			007	OESTER1C 141-000 UNIT	04-100-007				
NC				318						145-091-008	OESTER1T			008	OESTER1T 141-000 UNIT	04-103-008					145-088-008	OESTCD1T			008	OESTCD1T 141-000 UNIT	04-100-008				
NC				319						NC				009							NC				009						
NC				320						NC				010							NC				010						
NC				321						NC				011							NC				011						
NC				322						NC				012							NC				012	</					

[illegible][illegible]

AP FIG 19 CAD 101 (CONT'D)							
TO CONNECTION			FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J1	145-094	JACK/UNIT	(EBU)				
NC	200				ZG		
NC	201						
NC	202						
NC	203						
NC	204						
NC	205						
NC	206						
NC	207						
NC	208						
NC	209						
145-088-010	OESTER3C			0ESTER3C 141-000 UNIT	04-094-210	ZG	
145-088-011	OESTCD3T			OESTCD3T 141-000 UNIT	04-094-211	ZG	
NC	212						
NC	213						
NC	214						
NC	215						
NC	216						
NC	217						
NC	218						
NC	219						
NC	220						
NC	221						
NC	222						
NC	223						
NC	224						
NC	300						
NC	301						
NC	302						
NC	303						
NC	304						
NC	305						
NC	306						
NC	307						
NC	308						
NC	309						
NC	310						
145-089-011	OESTCD3C			OESTCD3C 141-000 UNIT	04-094-311	ZG	
NC	312						
NC	313						
NC	314						
NC	315						
NC	316						
NC	317						
NC	318						
NC	319						
NC	320						
NC	321						
NC	322						
NC	323						
NC	324						
NC	401						
NC	402						
NC	403						
NC	404						
NC	405						
NC	406						
NC	407						
NC	408						
NC	409						
NC	410						
NC	411						
NC	412						
NC	413						
NC	414						
NC	415						
NC	416						
NC	417						
NC	418						
NC	419						
NC	420						
NC	421						
NC	422						
NC	423						
NC	424						
NC	500						
NC	501						
NC	502						
NC	503						
NC	504						
NC	505						
NC	506						
NC	507						
NC	508						
NC	509						
NC	510						

AP FIG 19 CAD 102 (CONT'D)							
TO CONNECTION			FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
J1	145-094	JACK/UNIT	(EBU)				
145-091-011	OESTER3T			51			

[illegible][illegible][illegible][illegible][illegible][illegible]

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		DWG SIZE C2	ISSUE 3B
AT&T	SD-5D144-02		GB113

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC			
		DWG SIZE C2	ISSUE 3B
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		DWG SIZE C2	ISSUE 3B
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		DWG SIZE C2	ISSUE 3B
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		DWG SIZE C2	ISSUE 3B
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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC			
		DWG SIZE C2	ISSUE 3B
AT&T	SD-5D144-02		GB113

AP FIG 19 CAD 102

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1			445-094	JACK/UNIT	(EBU).....		
NC			200				
NC			201				
NC			202				
NC			203				
NC			204				
NC			205				
NC			206				
NC			207				
NC			208				
NC			209				
445-090-009	OESTER2C		210	OESTER2C 441-000 UNIT	04-094-210		
445-090-010	OESTCD2T		211	OESTCD2T 441-000 UNIT	04-094-211		
NC			212				
NC			213				
NC			214				
NC			215				
NC			216				
NC			217				
NC			218				
NC			219				
NC			220				
NC			221				
NC			222				
NC			223				
NC			224				
NC			300				
NC			301				
NC			302				
NC			303				
NC			304				
NC			305				
NC			306				
NC			307				
NC			308				
NC			309				
NC			310				
445 091-010	OESTCD2C		311	OESTCD2C 441-000 UNIT	04-094-311		
NC			312				
NC			313				
NC			314				
NC			315				
NC			316				
NC			317				
NC			318				
NC			319				
NC			320				
NC			321				
NC			322				
NC			323				
NC			324				
NC			401				
NC			402				
NC			403				
NC			404				
NC			405				
NC			406				
NC			407				
NC			408				
NC			409				
NC			410				
NC			411				
NC			412				
NC			413				
NC			414				
NC			415				
NC			416				
NC			417				
NC			418				
NC			419				
NC			420				
NC			421				
NC			422				
NC			423				
NC			424				
NC			500				
NC			501				
NC			502				
NC			503				
NC			504				
NC			505				
NC			506				
NC			507				
NC			508				
NC			509				
NC			510				

AP FIG 19 CAD 102

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1			445-094	JACK/UNIT	(EBU).....		
445-089-009	OESTER2T		511	OESTER2T 441-000 UNIT	04-094-511		
NC			512				
NC			513				
NC			514				
NC			515				
NC			516				
NC			517				
NC			518				
NC			519				
NC			520				
NC			521				
NC			522				
NC			523				
NC			524				
AP FIG 1 CAD 103							
ECL-BUS UNIT ERROR ORIGINATOR, UPPER FRU BAY 2							
TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....1			245-103	JACK/UNIT	(EBU).....		
NC			000				ZF
NC			001				
NC			002				
NC			003				ZF
NC			004				
NC			005				
NC			006				
245-091-007	OESTCD0C		007	OESTCD0C 241-000 UNIT	04-103-007		ZF
NC			008				
NC			009				
245-091-010	OESTCD2C		010	OESTCD2C 241-000 UNIT	04-103-010		ZF
NC			011				
NC			012				
NC			013				
245-091-014	OESTCD4C		014	OESTCD4C 241-000 UNIT	04-103-014		ZF
NC			015				
NC			016				ZF
NC			017				
NC			018				
NC			019				ZF
NC			020				
NC			021				
NC			022				ZF
NC			023				
NC			024				
.....J1			245-102	JACK/UNIT	(EBU).....		
NC			000				
NC			001				
NC			002				ZF
NC			003				
NC			004				
NC			005				
NC			006				
NC			007				
NC			008				
NC			009				
NC			010				
NC			011				
NC			012				
NC			013				
NC			014				
NC			015				
NC			016				
NC			017				
NC			018				
NC			019				
NC			020				
NC			021				
NC			022				
NC			023				
NC			024				
245-090-006	OESTER0C		006	OESTER0C 241-000 UNIT	04-102-006		ZF
245-090-007	OESTCD0T		007	OESTCD0T 241-000 UNIT	04-102-007		ZF
NC			008				
245-091-009	OESTER2C		009	OESTER2C 241-000 UNIT	04-102-009		ZF
245-091-010	OESTCD2T		010	OESTCD2T 241-000 UNIT	04-102-010		ZF
NC			011				
NC			012				
245-091-013	OESTER4C		013	OESTER4C 241-000 UNIT	04-102-013		ZF
245-091-014	OESTCD4T		014	OESTCD4T 241-000 UNIT	04-102-014		ZF
NC			015				
NC			016				
NC			017				
NC			018				
NC			019				
NC			020				
NC			021				
NC			022				
NC			023				

AP FIG 1 CAD 103

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1			245-102	JACK/UNIT	(EBU).....		
NC			024				
.....J1			245-101	JACK/UNIT	(EBU).....		
NC			000				
NC			001				ZF
NC			002				
NC			003				
NC			004				ZF
NC			005				
245-089-006	OESTER0T		006	OESTER0T 241-000 UNIT	04-101-006		ZF
NC			007				ZF
NC			008				
245-091-009	OESTER2T		009	OESTER2T 241-000 UNIT	04-101-009		ZF
NC			010				ZF
NC			011				
NC			012				
245-091-013	OESTER4T		013	OESTER4T 241-000 UNIT	04-101-013		ZF
NC			014				ZF
NC			015				
NC			016				
NC			017				ZF
NC			018				
NC			019				
NC			020				ZF
NC			021				
NC			022				ZF
NC			023				
NC			024				
.....J1			245-100	JACK/UNIT	(EBU).....		
NC			000				
NC			001				ZF
NC			002				
NC			003				
NC			004				
NC			005				
NC			006				
NC			007				
NC			008				
NC			009				
NC			010				
NC			011				
NC			012				
NC			013				ZF
NC			014				
NC			015				
NC			016				
NC			017				
NC			018				
NC			019				
NC			020				
NC			021				
NC			022				
NC			023				
NC			024				

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(CONT'D)

TO CONNECTION			FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOT
.....J1				945-091	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001				ZF	
	NC			002					
	NC			003					
	NC			004				ZF	
	NC			005					
	NC			006					
945-103-007	TESTCD0C			007	1ESTCD0C 941-000	UNIT	04-091-007	ZF	
	NC			008				ZF	
945-103-010	TESTCD2C			009	1ESTCD2C 941-000	UNIT	04-091-010	ZF	
	NC			010				ZF	
	NC			011					
	NC			012					
945-103-014	TESTCD4C			013	1ESTCD4C 941-000	UNIT	04-091-014	ZF	
	NC			014				ZF	
	NC			015					
	NC			016				ZF	
	NC			017					
	NC			018					
	NC			019				ZF	
	NC			020					
	NC			021					
	NC			022				ZF	
	NC			023					
	NC			024					
.....J1				945-090	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001					
	NC			002				ZF	
	NC			003					
	NC			004					
	NC			005					
945-102-006	1ESTER0C			006	1ESTER0C 941-000	UNIT	04-090-006	ZF	
945-102-007	1ESTCD0T			007	1ESTCD0T 941-000	UNIT	04-090-007	ZF	
	NC			008					
945-103-009	1ESTER2C			009	1ESTER2C 941-000	UNIT	04-090-009	ZF	
945-103-010	1ESTCD2T			010	1ESTCD2T 941-000	UNIT	04-090-010	ZF	
	NC			011					
	NC			012					
	NC			013					
	NC			014					
	NC			015				ZF	
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
.....J1				945-089	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001				ZF	
	NC			002					
	NC			003					
	NC			004				ZF	
	NC			005					
945-101-006	1ESTER0T			006	1ESTER0T 941-000	UNIT	04-089-006	ZF	
	NC			007				ZF	
	NC			008					
945-103-009	1ESTER2T			009	1ESTER2T 941-000	UNIT	04-089-009	ZF	
	NC			010				ZF	
	NC			011					
	NC			012					
945-103-013	1ESTER4T			013	1ESTER4T 941-000	UNIT	04-089-013	ZF	
	NC			014				ZF	
	NC			015					
	NC			016					
	NC			017				ZF	
	NC			018					
	NC			019					
	NC			020				ZF	
	NC			021					
	NC			022					
	NC			023				ZF	
	NC			024					

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				945-088	JACK/UNIT	(EBU).....			
	NC			000					ZF
	NC			001					
	NC			002					
	NC			003					
	NC			004					
	NC			005					
	NC			006					
	NC			007					
	NC			008					
	NC			009					
	NC			010					
	NC			011					
	NC			012					
	NC			013					ZF
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					

AP FIG 19 CAD 105

ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 7

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				745-094	JACK/UNIT	(EBU).....			
	NC			200					
	NC			201					
	NC			202					
	NC			203					
	NC			204					
	NC			205					
	NC			206					
	NC			207					
	NC			208					
	NC			209					
745-102-009	1ESTERZC			210	1ESTERZC 741-000	UNIT	04-094-210		
745-102-010	1ESTCD2T			211	1ESTCD2T 741-000	UNIT	04-094-211		
	NC			212					
	NC			213					
	NC			214					
	NC			215					
	NC			216					
	NC			217					
	NC			218					
	NC			219					
	NC			220					
	NC			221					
	NC			222					
	NC			223					
	NC			224					
	NC			300					
	NC			301					
	NC			302					
	NC			303					
	NC			304					
	NC			305					
	NC			306					
	NC			307					
	NC			308					
	NC			309					
	NC			310					
745-103-010	1ESTCD2C			311	1ESTCD2C 741-000	UNIT	04-094-311		
	NC			312					
	NC			313					
	NC			314					
	NC			315					
	NC			316					
	NC			317					

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				745-094 (CONT'D)	JACK/UNIT	(EUB).....			
	NC			318					
	NC			319					
	NC			320					
	NC			321					
	NC			322					
	NC			323					
	NC			324					
	NC			401					
	NC			402					
	NC			403					
	NC			404					
	NC			405					
	NC			406					
	NC			407					
	NC			408					
	NC			409					
	NC			410					
	NC			411					
	NC			412					
	NC			413					
	NC			414					
	NC			415					
	NC			416					
	NC			417					
	NC			418					
	NC			419					
	NC			420					
	NC			421					
	NC			422					
	NC			423					
	NC			424					
	NC			500					
	NC			501					
	NC			502					
	NC			503					
	NC			504					
	NC			505					
	NC			506					
	NC			507					
	NC			508					
	NC			509					
	NC			510					
745-101-009	1ESTER2T			511	1ESTER2T	741-000	UNIT	04-094-511	
	NC			512					
	NC			513					
	NC			514					
	NC			515					
	NC			516					
	NC			517					
	NC			518					
	NC			519					
	NC			520					
	NC			521					
	NC			522					
	NC			523					
	NC			524					

ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 7

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....01				745-094	JACK/UNIT	(EBC).....			
	NC			200					
	NC			201					
	NC			202					
	NC			203					
	NC			204					
	NC			205					
	NC			206					
	NC			207					
	NC			208					
	NC			209					
745-102-009	1ESTER2C			210	1ESTER2C 741-000	UNIT	04-094-210		
745-102-010	1ESTCD2T			211	1ESTCD2T 741-000	UNIT	04-094-211		
	NC			212					
	NC			213					
	NC			214					
	NC			215					
	NC			216					
	NC			217					
	NC			218					
	NC			219					
	NC			220					
	NC			221					
	NC			222					
	NC			223					
	NC			224					
	NC			300					
	NC			301					
	NC			302					
	NC			303					
	NC			304					
	NC			305					
	NC			306					
	NC			307					
	NC			308					
	NC			309					
	NC			310					
745-103-010	1ESTCD2C			311	1ESTCD2C 741-000	UNIT	04-094-311		
	NC			312					
	NC			313					
	NC			314					
	NC			315					
	NC			316					
	NC			317					

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AP FIG 19 CAD 105
(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	W/PE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOT
.....J1				745-091	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001					
	NC			002					
	NC			003					
	NC			004					
	NC			005					
	NC			006					
745-103-007	1ESTC00C			007	1ESTC00C 741-000	UNIT	04-091-007		
745-103-008	1ESTERIT			008	1ESTERIT 741-000	UNIT	04-091-008		
	NC			009					
	NC			010					
	NC			011					
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
.....J1				745-090	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001					
	NC			002					
	NC			003					
	NC			004					
	NC			005					
745-102-006	1ESTEROC			006	1ESTEROC 741-000	UNIT	04-090-006		
745-102-007	1ESTC00T			007	1ESTC00T 741-000	UNIT	04-090-007		
	NC			008					
	NC			009					
	NC			010					
	NC			011					
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
.....J1				745-089	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001					
	NC			002					
	NC			003					
	NC			004					
	NC			005					
745-101-006	1ESTEROT			006	1ESTEROT 741-000	UNIT	04-089-006		
	NC			007					
745-101-008	1ESTC01C			008	1ESTC01C 741-000	UNIT	04-089-008		
	NC			009					
	NC			010					
	NC			011					
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					

AP FIG 19 CAD 105
(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOT
J1				745-088	JACK/UNIT	(EBU)			
	NC			000					
	NC			001					
	NC			002					
	NC			003					
	NC			004					
	NC			005					
	NC			006					
745-100-007	1ESTER1C			007	1ESTER1C 741-000	UNIT	04-088-007		
745-100-008	1ESTCD1T			008	1ESTCD1T 741-000	UNIT	04-088-008		
	NC			009					
	NC			010					
	NC			011					
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					

AP FIG 19 CAD 106

ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 10

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOT
J1				1045-094	JACK/UNIT	(EBU)			
	NC			200				ZG	
	NC			201					
	NC			202					
	NC			203					
	NC			204					
	NC			205					
	NC			206					
	NC			207					
	NC			208					
	NC			209					
1045-100-010	10STER3C			210	10STER3C 1041-000	UNIT	04-094-210	ZG	
1045-100-011	10STCD3T			211	10STCD3T 1041-000	UNIT	04-094-211	ZG	
	NC			212					
	NC			213				ZG	
	NC			214					
	NC			215					
	NC			216					
	NC			217					
	NC			218					
	NC			219					
	NC			220					
	NC			221					
	NC			222					
	NC			223					
	NC			224					
	NC			300					
	NC			301					
	NC			302				ZG	
	NC			303					
	NC			304				ZG	
	NC			305				ZG	
	NC			306					
	NC			307				ZG	
	NC			308					
	NC			309					
	NC			310					
1045-101-011	10STCD3C			311	10STCD3C 1041-000	UNIT	04-094-311	ZG	
	NC			312					
	NC			313					
	NC			314				ZG	
	NC			315					
	NC			316					
	NC			317				ZG	

AP FIG 19 CAD 106
(CONT'D)

TO CONNECTION				FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J1				1045-004 (CONT'D)	JACK/UNIT	(E8U)				
	NC			318						
	NC			319						
	NC			320						
	NC			321				ZG		
	NC			322						
	NC			323				ZG		
	NC			324						
	NC			401						
	NC			402				ZG		
	NC			403						
	NC			404						
	NC			405						
	NC			406						
	NC			407						
	NC			408						
	NC			409						
	NC			410						
	NC			411						
	NC			412						
	NC			413						
	NC			414						
	NC			415				ZG		
	NC			416						
	NC			417						
	NC			418						
	NC			419						
	NC			420						
	NC			421						
	NC			422						
	NC			423						
	NC			424						
	NC			500				ZG		
	NC			501						
	NC			502						
	NC			503				ZG		
	NC			504						
	NC			505						
	NC			506				ZG		
	NC			507						
	NC			508						
	NC			509				ZG		
	NC			510						
1045-103-011	10STER3T			511	10STER3T	1041-000 UNIT	04-094-511	ZG		
	NC			512						
	NC			513				ZG		
	NC			514						
	NC			515						
	NC			516				ZG		
	NC			517						
	NC			518						
	NC			519				ZG		
	NC			520						
	NC			521						
	NC			522				ZG		
	NC			523						
	NC			524						

AP FIG 19 CAD 106

ECL-BUS UNIT ERROR ORIGINATION, UPPER EBU BAY 10

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				1045-094	JACK/UNIT	(EBU).....			
	NC			200				ZG	
	NC			201					
	NC			202					
	NC			203					
	NC			204					
	NC			205					
	NC			206					
	NC			207					
	NC			208					
	NC			209					
1045-100-010	10STER3C			210	10STER3C	1041-000 UNIT	04-094-210	ZG	
1045 100-011	10STCD3T			211	10STCD3T	1041-000 UNIT	04-094-211	ZG	
	NC			212					
	NC			213					
	NC			214				ZG	
	NC			215					
	NC			216					
	NC			217					
	NC			218					
	NC			219					
	NC			220					
	NC			221					
	NC			222					
	NC			223					
	NC			224					
	NC			300					
	NC			301				ZG	
	NC			302					
	NC			303					
	NC			304				ZG	
	NC			305					
	NC			306					
	NC			307				ZG	
	NC			308					
	NC			309					
	NC			310					
1045-101-011	10STCD3C			311	10STCD3C	1041-000 UNIT	04-094-311	ZG	
	NC			312				ZG	
	NC			313					
	NC			314					
	NC			315				ZG	
	NC			316					
	NC			317				ZG	

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AP FIG 19 CAD 106 (CONT'D)										AP FIG 19 CAD 106 (CONT'D)										AP FIG 19 CAD 107 (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				
.....J1					1045-091	JACK/UNIT	(EBU).....			J1					1045-088	JACK/UNIT	(EBU).....					J1					1845-094 (CONT'D)	JACK/UNIT	(EBU).....				
	NC			000				ZG			NC			000						ZG		NC			318								
	NC			001							NC			001								NC			319								
	NC			002							NC			002								NC			320								
	NC			003				ZG			NC			003								NC			321				ZE				
	NC			004							NC			004								NC			322								
	NC			005							NC			005								NC			323				ZE				
1045-103-007	10STCD0C			007	10STCD0C 1041-000 UNIT	04-091-007		ZG		1045-100-007	10STER1C			007	10STER1C 1041-000 UNIT	04-088-007		ZG			NC			324									
1045-103-008	10STER1T			008	10STER1T 1041-000 UNIT	04-091-008		ZG		1045-100-008	10STCD1T			008	10STCD1T 1041-000 UNIT	04-088-008		ZG			NC			401									
	NC			009							NC			009								NC			402				ZE				
1045-103-010	10STCD2C			010	10STCD2C 1041-000 UNIT	04-091-010		ZG			NC			010								NC			403								
	NC			011							NC			011								NC			404								
	NC			012							NC			012								NC			405								
	NC			013				ZG			NC			013								NC			406								
1045-103-014	10STCD4C			014	10STCD4C 1041-000 UNIT	04-091-014		ZG			NC			014								NC			407								
	NC			015							NC			015								NC			408								
	NC			016				ZG			NC			016								NC			409								
	NC			017							NC			017								NC			410								
	NC			018							NC			018								NC			411								
	NC			019				ZG			NC			019								NC			412								
	NC			020							NC			020								NC			413								
	NC			021							NC			021								NC			414								
	NC			022				ZG			NC			022								NC			415				ZE				
	NC			023							NC			023								NC			416								
	NC			024							NC			024								NC			417								
.....J1					1045-090	JACK/UNIT	(EBU).....			J1					1845-094	JACK/UNIT	(EBU).....					J1					1845-101-013	10STER4T	10STER4T 1841-000 UNIT	04-094-511			
	NC			000							NC			200								NC			511				ZE				
	NC			001							NC			201								NC			512								
	NC			002				ZG			NC			202								NC			513				ZE				
	NC			003							NC			203								NC			514								
	NC			004							NC			204								NC			515								
	NC			005							NC			205								NC			516				ZE				
1045-102-006	10STER0C			006	10STER0C 1041-000 UNIT	04-090-006		ZG			NC			206								NC			517								
1045-102-007	10STCD0T			007	10STCD0T 1041-000 UNIT	04-090-007		ZG			NC			207								NC			518				ZE				
	NC			008							NC			208								NC			519								
1045-102-009	10STER2C			009	10STER2C 1041-000 UNIT	04-090-009		ZG			NC			209								NC			520				ZE				
1045-102-010	10STCD2T			010	10STCD2T 1041-000 UNIT	04-090-010		ZG			NC			210								NC			521								
	NC			011							NC			211								NC			522				ZE				
	NC			012							NC			212								NC			523								
1045-103-013	10STER4C			013	10STER4C 1041-000 UNIT	04-090-013		ZG			NC			213								NC			524								
1045-103-014	10STCD4T			014	10STCD4T 1041-000 UNIT	04-090-014		ZG			NC			214								NC											
	NC			015							NC			215								NC											
	NC			016							NC			216								NC											
	NC			017							NC			217								NC											
	NC			018							NC			218								NC											
	NC			019							NC			219								NC											
	NC			020							NC			220								NC											

(CONT'D)

(CONT'D)

(CONT'D)

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC		DWG SIZE	ISSUE
		CZ	3B
AT&T	SD-5D144-02		GB119

AP FIG 19 CAD 108
(CONT'D)

AP FIG 19 CAD 108
(CONT'D)

AP FIG 1 CAD 109
(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	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
.....J1 1145-091 JACK/UNIT (EBU).....										J1 1145-088 JACK/UNIT (EBU).....										J1 628-109 (CONT'D) JACK/UNIT (CHCU).....										J2 528-108 JACK/UNIT (CHCU).....									
NC	000									NC	000									636-112-103	1TSEM1C				048	1TSEM1C	624-000	UNIT	04-109-048										
NC	001									NC	001									636-112-104	1TSEM0C				049	1TSEM0C	624-000	UNIT	04-109-049										
NC	002									NC	002									636-112-105	GRD				050	GRD	624-000	UNIT	04-109-050										
NC	003									NC	003									636-112-106	1ESTER0C				051	1ESTER0C	624-000	UNIT	04-109-051										
NC	004									NC	004									636-112-107	1ESTCD0C				052	1ESTCD0C	624-000	UNIT	04-109-052										
NC	005									NC	005									636-112-108	GRD				053	GRD	624-000	UNIT	04-109-053										
NC	006									NC	006									636-112-109	1TSCAD0C				054	1TSCAD0C	624-000	UNIT	04-109-054										
1128-103-007	1ESTCD0C				1ESTCD0C	1141-000 UNIT	04-091-007	ZJ		1128-100-007	1ESTER1C				1ESTER1C	1141-000 UNIT	04-088-007	ZJ		636-112-110	1TSCD0C				055	1TSCD0C	624-000	UNIT	04-109-055										
1128-103-008	1ESTER1T				1ESTER1T	1141-000 UNIT	04-091-008	ZJ		1128-100-008	1ESTCD1T				1ESTCD1T	1141-000 UNIT	04-088-008	ZJ		636-112-111	GRD				056	GRD	624-000	UNIT	04-109-056										
NC	009									NC	009																												
1128-103-010	1ESTCD2C				1ESTCD2C	1141-000 UNIT	04-091-010	ZJ		1128-100-010	1ESTER3C				1ESTER3C	1141-000 UNIT	04-088-010	ZJ																					
1128-103-011	1ESTER3T				1ESTER3T	1141-000 UNIT	04-091-011	ZJ		1128-100-011	1ESTCD3T				1ESTCD3T	1141-000 UNIT	04-088-011	ZJ																					
NC	012									NC	012																												
NC	013									NC	013																												
NC	014									NC	014																												
NC	015									NC	015																												
NC	016									NC	016																												
NC	017									NC	017																												
NC	018									NC	018																												
NC	019									NC	019																												
NC	020									NC	020																												
NC	021									NC	021																												
NC	022									NC	022																												
NC	023									NC	023																												
NC	024									NC	024																												
.....J1 1145-090 JACK/UNIT (EBU).....										AP FIG 1 CAD 109 MUX CONTROL										J1 628-108 JACK/UNIT (CHCU).....										J2 528-109 JACK/UNIT (CHCU).....									
NC	000									NC	000									536-112-016	1CS0DSYT				042	1CS0DSYT	524-000	UNIT	04-108-042										
NC	001									NC	001									536-112-017	1CS0D65T				043	1CS0D65T	524-000	UNIT	04-108-043										
NC	002									NC	002									536-112-018	GRD				045	GRD	524-000	UNIT	04-108-045										
NC	003									NC	003									536-112-001	0TSEM3T				046	0TSEM3T	524-000	UNIT	04-108-046										
NC	004									NC	004									536-112-002	0TSEM2T				047	0TSEM2T	524-000	UNIT	04-108-047										
NC	005									NC	005									536-112-003	GRD				048	GRD	524-000	UNIT	04-108-048										
1128-102-006	1ESTER0C				1ESTER0C	1141-000 UNIT	04-090-006	ZJ		536-112-004	0TSEM1T				0TSEM1T	524-000 UNIT	04-108-049		536-112-005	0TSEM0T				049	0TSEM0T	524-000	UNIT	04-108-049											
1128-102-007	1ESTCD0T				1ESTCD0T	1141-000 UNIT	04-090-007	ZJ		536-112-006	GRD				GRD	524-000 UNIT	04-108-050		536-112-007	0ESTER0T				050	0ESTER0T	524-000	UNIT	04-108-050											
NC	008									536-112-008	0ESTER0T				0ESTER0T	524-000 UNIT	04-108-051		536-112-009	GRD				051	GRD	524-000	UNIT	04-108-051											
1128-102-009	1ESTER2C				1ESTER2C	1141-000 UNIT	04-090-009	ZJ		536-112-010	0TSCAD0T				0TSCAD0T	524-000 UNIT	04-108-052		536-112-011	0TSCD0T				052	0TSCD0T	524-000	UNIT	04-108-052											
1128-102-010	1ESTCD2T				1ESTCD2T	1141-000 UNIT	04-090-010	ZJ		536-112-011	0TSCD0T				0TSCD0T	524-000 UNIT	04-108-053							053	0TSCD0T	524-000	UNIT	04-108-053											
NC	011																																						
NC	012																																						
1128-102-013	1ESTER4C				1ESTER4C	1141-000 UNIT	04-090-013	ZJ																															
1128-102-014	1ESTCD4T				1ESTCD4T	1141-000 UNIT	04-090-014	ZJ																															
NC	015																																						
NC	016																																						
NC	017																																						
NC	018																																						
NC	019																																						
NC	020																																						
NC	021																																						
NC	022																																						
NC	023																																						
NC	024																																						
.....J1 1145-089 JACK/UNIT (EBU).....										J1 628-108 JACK/UNIT (CHCU).....										J2 528-109 JACK/UNIT (CHCU).....										J1 628-109 JACK/UNIT (CHCU).....									
NC	000									NC	000																												

AP FIG 1 CAD 109
MUX CONTROL

AP FIG 1 CAD 110										AP FIG 1 CAD 110										AP FIG 19 CAD 111										
MUX CONTROL										(CONT'D)										(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	
.....J1										J2										J1										
	NC			000	JACK/UNIT	(CMCU)					NC			000							NC				028-094	JACK/UNIT	(EBU)			
	NC			001							NC			001								NC								
	NC			002							NC			002								NC								
619-112-016	GRD			003	GRD	624-000	UNIT		04-108-003	519-112-116	0CS0DSYC			003	0CS0DSYC	524-000	UNIT		04-109-003	019-112-109	NC				121					
619-112-017	1CS0DSYT			004	1CS0DSYT	624-000	UNIT		04-108-004	519-112-117	0CS0D65C			004	0CS0D65C	524-000	UNIT		04-109-004	019-112-110	00MSAGC				122	00MSADC	024-000	UNIT	04-094-122	ZJ
619-112-018	1CS0D65T			005	1CS0D65T	624-000	UNIT		04-108-005	519-112-118	GRD			005	GRD	524-000	UNIT		04-109-005		00MSADC				123	00MSADC	024-000	UNIT	04-094-123	ZJ
	NC			006							NC			006								NC			124					ZJ
	NC			007							NC			007								NC								
	NC			008							NC			008								NC								
	NC			009							NC			009								NC								
	NC			010							NC			010								NC								
	NC			011							NC			011								NC								
619-112-000	GRD			013	GRD	624-000	UNIT		04-108-013	519-112-100	0TSEM3C			013	0TSEM3C	524-000	UNIT		04-109-013											
619-112-001	1TSEM3T			014	1TSEM3T	624-000	UNIT		04-108-014	519-112-101	0TSEM2C			014	0TSEM2C	524-000	UNIT		04-109-014											
619-112-002	1TSEM2T			015	1TSEM2T	624-000	UNIT		04-108-015	519-112-102	GRD			015	GRD	524-000	UNIT		04-109-015											
619-112-003	GRD			016	GRD	624-000	UNIT		04-108-016	519-112-103	0TSEM1C			016	0TSEM1C	524-000	UNIT		04-109-016											
619-112-004	1TSEM1T			017	1TSEM1T	624-000	UNIT		04-108-017	519-112-104	0TSEM0C			017	0TSEM0C	524-000	UNIT		04-109-017											
619-112-005	1TSEM0T			018	1TSEM0T	624-000	UNIT		04-108-018	519-112-105	GRD			018	GRD	524-000	UNIT		04-109-018											
619-112-006	GRD			019	GRD	624-000	UNIT		04-108-019	519-112-106	00STER0T			019	00STER0T	524-000	UNIT		04-109-019											
619-112-007	10STER0T			020	10STER0T	624-000	UNIT		04-108-020	519-112-107	00STCD0T			020	00STCD0T	524-000	UNIT		04-109-020											
619-112-008	10STCD0T			021	10STCD0T	624-000	UNIT		04-108-021	519-112-108	GRD			021	GRD	524-000	UNIT		04-109-021											
619-112-009	GRD			022	GRD	624-000	UNIT		04-108-022	519-112-109	0TSCAD0C			022	0TSCAD0C	524-000	UNIT		04-109-022											
619-112-010	1TSCAD0T			023	1TSCAD0T	624-000	UNIT		04-108-023	519-112-110	0TSCD0C			023	0TSCD0C	524-000	UNIT		04-109-023											
619-112-011	1TSCD0T			024	1TSCD0T	624-000	UNIT		04-108-024	519-112-111	GRD			024	GRD	524-000	UNIT		04-109-024											
.....J1										J2										J1										
	NC			000	JACK/UNIT	(CMCU)					NC			000							NC				028-094	JACK/UNIT	(EBU)			
	NC			001							NC			001								NC								
	NC			002							NC			002								NC								
619-112-116	1CS0DSYC			003	1CS0DSYC	624-000	UNIT		04-109-003		NC			003								NC								
619-112-117	1CS0D65C			004	1CS0D65C	624-000	UNIT		04-109-004		NC			004								NC								
619-112-118	GRD			005	GRD	624-000	UNIT		04-109-005		NC			005								NC								
	NC			006							NC			006								NC								
	NC			007							NC			007								NC								
	NC			008							NC			008								NC								
	NC			009							NC			009								NC								
	NC			010							NC			010								NC								
	NC			011							NC			011								NC								
619-112-100	1TSEM3C			013	1TSEM3C	624-000	UNIT		04-109-013		NC			013								NC								
619-112-101	1TSEM2C			014	1TSEM2C	624-000	UNIT		04-109-014		NC			014								NC								
619-112-102	GRD			015	GRD	624-000	UNIT		04-109-015		NC			015								NC								
619-112-103	1TSEM1C			016	1TSEM1C	624-000	UNIT		04-109-016		NC			016								NC								
619-112-104	1TSEM0C			017	1TSEM0C	624-000	UNIT		04-109-017		NC			017								NC								
619-112-105	GRD			018	GRD	624-000	UNIT		04-109-018		NC			018								NC								
619-112-106	10STER0C			019	10STER0C	624-000	UNIT		04-109-019		NC			019								NC								
619-112-107	10STCD0C			020	10STCD0C	624-000	UNIT		04-109-020		NC			020								NC								
619-112-108	GRD			021	GRD	624-000	UNIT		04-109-021		NC			021								NC								
619-112-109	1TSCAD0C			022	1TSCAD0C	624-000	UNIT		04-109-022		NC			022																

AP FIG 19 CAD 112										AP FIG 19 CAD 113										AP FIG 19 CAD 114																			
ECL-BUS UNIT MUX CONTROL, LOWER TMSU2 BAY 3										(CONT'D)										(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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
J1 328-094 JACK/UNIT (EBU)										J1 128-094 (CONT'D) JACK/UNIT (EBU)										J1 428-094 (CONT'D) JACK/UNIT (EBU)																			
319-112-017	NC			000					ZE	119-112-008	00STCD3T			021	00STCD3T	124-000	UNIT	04-094-021	ZG	419-112-103	40MSM1C			116	40MSM1C	424-000	UNIT	04-094-116											
319-112-018	30S652T			001						119-112-010	10MSADT			022	10MSADT	124-000	UNIT	04-094-023	ZG	419-112-104	40MSHOC			117	40MSHOC	424-000	UNIT	04-094-117											
	NC			002					ZE	119-112-011	10MSCDT			023	10MSCDT	124-000	UNIT	04-094-024	ZG		NC			118	NC														
	NC			003							NC			100							419-112-106	00STER2C			119	00STER2C	424-000	UNIT	04-094-119										
	NC			004					ZE		NC			101							419-112-107	00STCD2C			120	00STCD2C	424-000	UNIT	04-094-120										
	NC			005							NC			102								NC			121	NC													
	NC			006							NC			103	20SSY1C	124-000	UNIT	04-094-103	ZG	419-112-109	40MSADC			122	40MSADC	424-000	UNIT	04-094-122											
	30SSY2T			007	30SSY2T	324-000	UNIT	04-094-007			NC			104	20S651C	124-000	UNIT	04-094-104	ZG	419-112-110	40MSCDC			123	40MSCDC	424-000	UNIT	04-094-123											
	30S652T			008	30S652T	324-000	UNIT	04-094-008	ZE		NC			105										124															
	NC			009							NC			106																									
	NC			010							NC			107																									
	NC			011							NC			108																									
	NC			013					ZE		NC			109																									
319-112-001	30MSM3T			014	30MSM3T	324-000	UNIT	04-094-014	ZE		NC			110																									
319-112-002	30MSM2T			015	30MSM2T	324-000	UNIT	04-094-015	ZE		NC			111																									
	NC			016							NC			112																									
319-112-004	30MSM1T			017	30MSM1T	324-000	UNIT	04-094-017	ZE	119-112-100	10MSM3C			113	10MSM3C	124-000	UNIT	04-094-113	ZG																				
319-112-005	30MSM0T			018	30MSM0T	324-000	UNIT	04-094-018	ZE	119-112-101	10MSM2C			114	10MSM2C	124-000	UNIT	04-094-114	ZG																				
	NC			019							NC			115																									
319-112-007	00STER4T			020	00STER4T	324-000	UNIT	04-094-020	ZE		NC			116	10MSM1C	124-000	UNIT	04-094-116	ZG																				
319-112-008	00STCD4T			021	00STCD4T	324-000	UNIT	04-094-021	ZE	119-112-103	10MSM1C			117	10MSM0C	124-000	UNIT	04-094-117	ZG																				
	NC			022						119-112-104	10MSM0C			118																									
319-112-010	30MSADT			023	30MSADT	324-000	UNIT	04-094-023	ZE		NC			119	00STER3C	124-000	UNIT	04-094-119	ZG																				
319-112-011	30MSCDT			024	30MSCDT	324-000	UNIT	04-094-024	ZE	119-112-106	00STCD3C			120	00STCD3C	124-000	UNIT	04-094-120	ZG																				
	NC			100						119-112-107	NC			121																									
	NC			101							NC			122	10MSADC	124-000	UNIT	04-094-122	ZG																				
	NC			102					ZE	119-112-109	10MSADC			123	10MSADC	124-000	UNIT	04-094-123	ZG																				
	NC			103						119-112-110	10MSCDC			124	10MSCDC	124-000	UNIT	04-094-124	ZG																				
	NC			104							NC																												
	NC			105					ZE																														
	NC			106																																			
	NC			107					ZE																														
	NC			108																																			
	NC			109																																			
	NC			110																																			
	NC			111					ZE																														
319-112-100	30MSM3C			113	30MSM3C	324-000	UNIT	04-094-113	ZE																														
319-112-101	30MSM2C			114	30MSM2C	324-000	UNIT	04-094-114	ZE																														
	NC			115																																			
319-112-103	30MSM1C			116	30MSM1C	324-000	UNIT	04-094-116	ZE																														
319-112-104	30MSM0C			117	30MSM0C	324-000	UNIT	04-094-117	ZE																														
	NC			118																																			
319-112-106	00STER4C			119	00STER4C	324-000	UNIT	04-094-119	ZE																														
319-112-107	00STCD4C			120	00STCD4C	324-000	UNIT	04-094-120	ZE																														
	NC			121																																			
319-112-109	30MSADC			122	30MSADC	324-000	UNIT	04-094-122	ZE																														
319-112-110	30MSCDC			123	30MSCDC	324-000	UNIT	04-094-123	ZE																														
	NC			124					ZE					</																									

AP FIG 1 CAD 115

ECL-BUS UNIT MUX CONTROL, LOWER TMSUZ BAY 2

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	
.....J1				228-094	JACK/UNIT	(EBU).....			
219-112-017	NC			000					
219-112-018	40SSY0T			001	40SSY0T	224-000	UNIT	04-094-001	ZF
	40S650T			002	40S650T	224-000	UNIT	04-094-002	ZF
	NC			003					ZF
	NC			004					
	NC			005					
	NC			006					
	NC			007					ZF
	NC			008					
	NC			009					
	NC			010					ZF
	NC			011					
	NC			013					
219-112-001	20MSM3T			014	20MSM3T	224-000	UNIT	04-094-014	ZF
219-112-002	20MSM2T			015	20MSM2T	224-000	UNIT	04-094-015	ZF
	NC			016					ZF
219-112-004	20MSM1T			017	20MSM1T	224-000	UNIT	04-094-017	ZF
219-112-005	20MSM0T			018	20MSM0T	224-000	UNIT	04-094-018	ZF
	NC			019					ZF
219-112-007	20STER1T			020	20STER1T	224-000	UNIT	04-094-020	ZF
219-112-008	20STCD1T			021	20STCD1T	224-000	UNIT	04-094-021	ZF
	NC			022					ZF
219-112-010	20MSADT			023	20MSADT	224-000	UNIT	04-094-023	ZF
219-112-011	20MSCDT			024	20MSCDT	224-000	UNIT	04-094-024	ZF
219-112-116	40SSY0C			100	40SSY0C	224-000	UNIT	04-094-100	ZF
219-112-117	40S650C			101	40S650C	224-000	UNIT	04-094-101	ZF
	NC			102					ZF
	NC			103					
	NC			104					
	NC			105					
	NC			106					ZF
	NC			107					
	NC			108					
	NC			109					ZF
	NC			110					
	NC			111					
219-112-100	20MSM3C			113	20MSM3C	224-000	UNIT	04-094-113	ZF
219-112-101	20MSM2C			114	20MSM2C	224-000	UNIT	04-094-114	ZF
	NC			115					ZF
219-112-103	20MSM1C			116	20MSM1C	224-000	UNIT	04-094-116	ZF
219-112-104	20MSM0C			117	20MSM0C	224-000	UNIT	04-094-117	ZF
	NC			118					ZF
219-112-106	20STER1C			119	20STER1C	224-000	UNIT	04-094-119	ZF
219-112-107	20STCD1C			120	20STCD1C	224-000	UNIT	04-094-120	ZF
	NC			121					ZF
219-112-109	20MSADC			122	20MSADC	224-000	UNIT	04-094-122	ZF
219-112-110	20MSCDC			123	20MSCDC	224-000	UNIT	04-094-123	ZF
	NC			124					ZF

AP FIG 1 CAD 116

ECL-BUS UNIT MUX CONTROL, LOWER TMSUZ BAY 9

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				928-094	JACK/UNIT	(EBU).....			
G	719-112-017	NC		000					ZF
	719-112-018	70SSY0T		001	70SSY0T	724-000	UNIT	04-094-001	ZF
		70S650T		002	70S650T	724-000	UNIT	04-094-002	ZF
		NC		003					ZF
		NC		004					
		NC		005					
		NC		006					ZF
		NC		007					
		NC		008					
		NC		009					ZF
		NC		010					
		NC		011					
		NC		013					
	919-112-001	90MSM3T		014	90MSM3T	924-000	UNIT	04-094-014	ZF
	919-112-002	90MSM2T		015	90MSM2T	924-000	UNIT	04-094-015	ZF
	NC		016					ZF	
919-112-004	90MSM1T		017	90MSM1T	924-000	UNIT	04-094-017	ZF	
919-112-005	90MSM0T		018	90MSM0T	924-000	UNIT	04-094-018	ZF	
	NC		019					ZF	
919-112-007	90STER1T		020	90STER1T	924-000	UNIT	04-094-020	ZF	

AP FIG 1 CAD 116

(CONT'D)

TO CONNECTION				FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....J1				928-094 (CONT'D)	JACK/UNIT	(EBU).....				
919-112-008	90STCD1T			021	90STCD1T	924-000	UNIT	04-094-021	ZF	
	NC			022					ZF	
919-112-010	90MSADT			023	90MSADT	924-000	UNIT	04-094-023	ZF	
919-112-011	90MSCDT			024	90MSCDT	924-000	UNIT	04-094-024	ZF	
719-112-116	70SSY0C			100	70SSY0C	724-000	UNIT	04-094-100	ZF	
719-112-117	70S650C			101	70S650C	724-000	UNIT	04-094-101	ZF	
	NC			102					ZF	
	NC			103					ZF	
	NC			104						
	NC			105						
	NC			106					ZF	
	NC			107						
	NC			108						
	NC			109					ZF	
	NC			110						
	NC			111						
919-112-100	90MSM3C			113	90MSM3C	924-000	UNIT	04-094-113	ZF	
919-112-101	90MSM2C			114	90MSM2C	924-000	UNIT	04-094-114	ZF	
	NC			115					ZF	
919-112-103	90MSM1C			116	90MSM1C	924-000	UNIT	04-094-116	ZF	
919-112-104	90MSM0C			117	90MSM0C	924-000	UNIT	04-094-117	ZF	
	NC			118					ZF	
919-112-106	90STER1C			119	90STER1C	924-000	UNIT	04-094-119	ZF	
919-112-107	90STCD1C			120	90STCD1C	924-000	UNIT	04-094-120	ZF	
	NC			121					ZF	
919-112-109	90MSADC			122	90MSADC	924-000	UNIT	04-094-122	ZF	
919-112-110	90MSCDC			123	90MSCDC	924-000	UNIT	04-094-123	ZF	
	NC			124					ZF	

AP FIG 19 CAD 117

ECL-BUS UNIT MUX CONTROL, LOWER TMSUZ BAY 7

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				728-094	JACK/UNIT	(EBU).....			
719-112-017	NC			000					
719-112-018	70SSY2T			001	70SSY2T	724-000	UNIT	04-094-001	
	70S652T			002	70S652T	724-000	UNIT	04-094-002	
	NC			003					
719-112-017	NC			004					
719-112-018	NC			005					
	NC			006					
	NC			007					
	NC			008					
	NC			009					
	NC			010					
	NC			011					
	NC			013					
719-112-001	70MSM3T			014	70MSM3T	724-000	UNIT	04-094-014	
719-112-002	70MSM2T			015	70MSM2T	724-000	UNIT	04-094-015	
	NC			016					
719-112-004	70MSM1T			017	70MSM1T	724-000	UNIT	04-094-017	
719-112-005	70MSM0T			018	70MSM0T	724-000	UNIT	04-094-018	
	NC			019					
719-112-007	70STER2T			020	70STER2T	724-000	UNIT	04-094-020	
719-112-008	70STCD2T			021	70STCD2T	724-000	UNIT	04-094-021	
	NC			022					
719-112-010	70MSADT			023	70MSADT	724-000	UNIT	04-094-023	
719-112-011	70MSCDT			024	70MSCDT	724-000	UNIT	04-094-024	
	NC			100					
	NC			101					
	NC			102					
719-112-117	NC			103					
	NC			104					
	NC			105					
	NC			106					
	NC			107					
	NC			108					
	NC			109					
	NC			110					
	NC			111					
719-112-100	70MSM3C			113	70MSM3C	724-000	UNIT	04-094-113	
719-112-101	70MSM2C			114	70MSM2C	724-000	UNIT	04-094-114	
	NC			115					

AP FIG 19 CAD 117

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				728-094 (CONT'D)	JACK/UNIT	(EBU).....			
719-112-103	70MSM1C			116	70MSM1C	724-000	UNIT	04-094-116	
719-112-104	70MSM0C			117	70MSM0C	724-000	UNIT	04-094-117	
	NC			118					
719-112-106	70STER2C			119	70STER2C	724-000	UNIT	04-094-119	
719-112-107	70STCD2C			120	70STCD2C	724-000	UNIT	04-094-120	
	NC			121					
719-112-109	70MSADC			122	70MSADC	724-000	UNIT	04-094-122	
719-112-110	70MSCDC			123	70MSCDC	724-000	UNIT	04-094-123	
	NC			124					

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ECL-BUS UNIT MUX CONTROL, LOWER DHSU7 RAY 10

AP FIG 19 CAD 119									
ECL-BUS UNIT MIX CONTROL, LOWER TMSUZ BAY 8									
TO CONNECTION			FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				828-094	JALK/UNIT	(E8U).....			
	NC			000					ZE
	NC			001					
	NC			002					
	NC			003					ZE
	NC			004					
	NC			005					
	NC			006					ZE
819-112-017	80SSY2T			007	80SSY2T	824-000	UNIT	04-094-007	
819-112-018	80S652T			008	80S652T	824-000	UNIT	04-094-008	
	NC			009					ZE
	NC			010					
	NC			011					
	NC			013					ZE
819-112-001	80MSM3T			014	80MSM3T	824-000	UNIT	04-094-014	ZE
819-112-002	80MSM2T			015	80MSM2T	824-000	UNIT	04-094-015	ZE
	NC			016					ZE
819-112-004	80MSM1T			017	80MSM1T	824-000	UNIT	04-094-017	ZE
819-112-005	80MSM0T			018	80MSM0T	824-000	UNIT	04-094-018	ZE
	NC			019					ZE
819-112-007	85TER4T			020	85TER4T	824-000	UNIT	04-094-020	ZE

(CONT'D)

AP FIG 19 CAD 120									
ECL-BUS UNIT MUX CONTROL, LOWER THSU2 BAY 11									
TO CONNECTION			FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				1128-094	JACK/UNIT	(E8U).....			
	NC			000					ZJ
	NC			001					ZJ
	NC			002					ZJ
	NC			003					ZJ
	NC			004					
	NC			005					
	NC			006					ZJ
1119-112-017	110SSYZT			007	110SSYZT	1124-000 UNIT	04-094-007		
1119-112-018	110S652T			008	110S652T	1124-000 UNIT	04-094-008		
	NC			009					ZJ
	NC			010					
	NC			011					
	NC			013					ZJ
1119-112-001	110MSM3T			014	110MSM3T	1124-000 UNIT	04-094-014		ZJ
1119-112-002	110MSM2T			015	110MSM2T	1124-000 UNIT	04-094-015		ZJ
	NC			016					ZJ
1119-112-004	110MSM1T			017	110MSM1T	1124-000 UNIT	04-094-017		ZJ
1119-112-005	110MSM0T			018	110MSM0T	1124-000 UNIT	04-094-018		ZJ
	NC			019					ZJ
1119-112-007	10STER5T			020	10STER5T	1124-000 UNIT	04-094-020		ZJ
1119-112-008	10STCDST			021	10STCDST	1124-000 UNIT	04-094-021		ZJ
	NC			022					ZJ
1119-112-010	110MSADT			023	110MSADT	1124-000 UNIT	04-094-023		ZJ
1119-112-011	110MSCDT			024	110MSCDT	1124-000 UNIT	04-094-024		ZJ
	NC			100					ZJ
	NC			101					ZJ
	NC			102					ZJ
	NC			103					ZJ
	NC			104					
	NC			105					ZJ
1119-112-116	110SSYZC			106	110SSYZC	1124-000 UNIT	04-094-106		
1119-112-117	110S652C			107	110S652C	1124-000 UNIT	04-094-107		
	NC			108					ZJ
	NC			109					
	NC			110					
	NC			111					ZJ
1119-112-100	110MSM3C			113	110MSM3C	1124-000 UNIT	04-094-113		ZJ
1119-112-101	110MSM2C			114	110MSM2C	1124-000 UNIT	04-094-114		ZJ
	NC			115					ZJ

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
-----J1				1123-094 (CONT'D)	JACK/UNIT	(E8U)-----	
1119-112-103	110SM1C			116	110SM1C	1124-000 UNIT	04-094-116
1119-112-104	110SM0C			117	110SM0C	1124-000 UNIT	04-094-117
	NC			118			
1119-112-106	10STER5C			119	10STER5C	1124-000 UNIT	04-094-119
1119-112-107	10STD05C			120	10STD05C	1124-000 UNIT	04-094-120
	NC			121			
1119-112-109	110MSADC			122	110MSADC	1124-000 UNIT	04-094-122
1119-112-110	110MS0C			123	110MS0C	1124-000 UNIT	04-094-123
	NC			124			

ECL-BUS UNIT MUX CONTROL, LOWER TMSU2 BAY 11

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				1128-094	JACK/UNIT	(EBU).....			
	NC			000				ZJ	
	NC			001				ZJ	
	NC			002				ZJ	
	NC			003				ZJ	
	NC			004				ZJ	
	NC			005					
	NC			006					
1119-112-017	110SSY2T			007	110SSY2T	1124-000 UNIT	04-094-007	ZJ	
1119-112-018	110S652T			008	110S652T	1124-000 UNIT	04-094-008		
	NC			009				ZJ	
	NC			010					
	NC			011					
	NC			013				ZJ	
1119-112-001	110CMSM3T			014	110CMSM3T	1124-000 UNIT	04-094-014	ZJ	
1119-112-002	110CMSM2T			015	110CMSM2T	1124-000 UNIT	04-094-015	ZJ	
	NC			016				ZJ	
1119-112-004	110CMSM1T			017	110CMSM1T	1124-000 UNIT	04-094-017	ZJ	
1119-112-005	110CMSM0T			018	110CMSM0T	1124-000 UNIT	04-094-018	ZJ	
	NC			019				ZJ	
1119-112-007	10STER5T			020	10STER5T	1124-000 UNIT	04-094-020	ZJ	
1119-112-008	10STCD5T			021	10STCD5T	1124-000 UNIT	04-094-021	ZJ	
	NC			022				ZJ	
1119-112-010	110MSADT			023	110MSADT	1124-000 UNIT	04-094-023	ZJ	
1119-112-011	110MSCD0T			024	110MSCD0T	1124-000 UNIT	04-094-024	ZJ	
	NC			100				ZJ	
	NC			101				ZJ	
	NC			102				ZJ	
	NC			103				ZJ	
	NC			104					
	NC			105				ZJ	
1119-112-116	110SSY2C			106	110SSY2C	1124-000 UNIT	04-094-106		
1119-112-117	110S652C			107	110S652C	1124-000 UNIT	04-094-107		
	NC			108				ZJ	
	NC			109					
	NC			110					
	NC			111				ZJ	
1119-112-100	110MSM3C			113	110MSM3C	1124-000 UNIT	04-094-113	ZJ	
1119-112-101	110MSM2C			114	110MSM2C	1124-000 UNIT	04-094-114	ZJ	
	NC			115				ZJ	

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AP FIG 19 CAD 121

ECL-BUS UNIT MUX CONTROL, UPPER THSU2 BAY 0

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				045-094	JACK/UNIT	(EBU).....			
	NC			000				ZJ	
	NC			001					
	NC			002					
	NC			003				ZJ	
	NC			004					
	NC			005					
	NC			006				ZJ	
036-112-017	0ESSY2T			007	0ESSY2T	041-000	UNIT	04-094-007	ZJ
036-112-018	0ES652T			008	0ES652T	041-000	UNIT	04-094-008	ZJ
	NC			009				ZJ	
	NC			010					
	NC			011					
	NC			013				ZJ	
036-112-001	0EMSM3T			014	0EMSM3T	041-000	UNIT	04-094-014	ZJ
036-112-002	0EMSM2T			015	0EMSM2T	041-000	UNIT	04-094-015	ZJ
	NC			016				ZJ	
036-112-004	0EMSM1T			017	0EMSM1T	041-000	UNIT	04-094-017	ZJ
036-112-005	0EMSM0T			018	0EMSM0T	041-000	UNIT	04-094-018	ZJ
	NC			019				ZJ	
036-112-007	0ESTER3T			020	0ESTER3T	041-000	UNIT	04-094-020	ZJ
036-112-008	0ESTCD3T			021	0ESTCD3T	041-000	UNIT	04-094-021	ZJ
	NC			022				ZJ	
036-112-010	0EMSA0T			023	0EMSA0T	041-000	UNIT	04-094-023	ZJ
036-112-011	0EMSC0T			024	0EMSC0T	041-000	UNIT	04-094-024	ZJ
	NC			100					
	NC			101					
	NC			102				ZJ	
	NC			103					
	NC			104					
	NC			105				ZJ	
036-112-116	0ESSY2C			106	0ESSY2C	041-000	UNIT	04-094-106	ZJ
036-112-117	0ES652C			107	0ES652C	041-000	UNIT	04-094-107	ZJ
	NC			108				ZJ	
	NC			109				ZJ	
	NC			110					
	NC			111				ZJ	
036-112-100	0EMSM3C			113	0EMSM3C	041-000	UNIT	04-094-113	ZJ
036-112-101	0EMSM2C			114	0EMSM2C	041-000	UNIT	04-094-114	ZJ
	NC			115				ZJ	
036-112-103	0EMSM1C			116	0EMSM1C	041-000	UNIT	04-094-116	ZJ
036-112-104	0EMSM0C			117	0EMSM0C	041-000	UNIT	04-094-117	ZJ
	NC			118				ZJ	
036-112-106	0ESTER3C			119	0ESTER3C	041-000	UNIT	04-094-119	ZJ
036-112-107	0ESTCD3C			120	0ESTCD3C	041-000	UNIT	04-094-120	ZJ
	NC			121				ZJ	
036-112-109	0EMSADC			122	0EMSADC	041-000	UNIT	04-094-122	ZJ
036-112-110	0EMSCDC			123	0EMSCDC	041-000	UNIT	04-094-123	ZJ
	NC			124				ZJ	

AP FIG 19 CAD 122

ECL-BUS UNIT MUX CONTROL, UPPER THSU2 BAY 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				343-094	JACK/UNIT	(EBU).....			
	NC			000				ZE	
	NC			001					
	NC			002					
	NC			003				ZE	
	NC			004					
	NC			005					
	NC			006				ZE	
336-112-017	3ESSY2T			007	3ESSY2T	341-000	UNIT	04-094-007	ZE
336-112-018	3ES652T			008	3ES652T	341-000	UNIT	04-094-008	ZE
	NC			009				ZE	
	NC			010					
	NC			011					
	NC			013				ZE	
336-112-001	3EMSM3T			014	3EMSM3T	341-000	UNIT	04-094-014	ZE
336-112-002	3EMSM2T			015	3EMSM2T	341-000	UNIT	04-094-015	ZE
	NC			016				ZE	
336-112-004	3EMSM1T			017	3EMSM1T	341-000	UNIT	04-094-017	ZE
336-112-005	3EMSM0T			018	3EMSM0T	341-000	UNIT	04-094-018	ZE
	NC			019				ZE	
336-112-007	3ESTER4T			020	3ESTER4T	341-000	UNIT	04-094-020	ZE

AP FIG 19 CAD 122

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				343-094	JACK/UNIT	(EBU).....			
	NC			021	3ESTCD4T	341-000	UNIT	04-094-021	ZE
	NC			022				ZE	
336-112-008	3EMSA0T			023	3EMSA0T	341-000	UNIT	04-094-023	ZE
336-112-010	3EMSC0T			024	3EMSC0T	341-000	UNIT	04-094-024	ZE
	NC			100					
	NC			101					
	NC			102				ZE	
	NC			103					
	NC			104					
	NC			105				ZE	
336-112-116	3ESSY2C			106	3ESSY2C	341-000	UNIT	04-094-106	ZE
336-112-117	3ES652C			107	3ES652C	341-000	UNIT	04-094-107	ZE
	NC			108				ZE	
	NC			109					
	NC			110					
	NC			111				ZE	
336-112-100	3EMSM3C			113	3EMSM3C	341-000	UNIT	04-094-113	ZE
336-112-101	3EMSM2C			114	3EMSM2C	341-000	UNIT	04-094-114	ZE
	NC			115				ZE	
336-112-103	3EMSM1C			116	3EMSM1C	341-000	UNIT	04-094-116	ZE
336-112-104	3EMSM0C			117	3EMSM0C	341-000	UNIT	04-094-117	ZE
	NC			118				ZE	
336-112-106	3ESTER4C			119	3ESTER4C	341-000	UNIT	04-094-119	ZE
336-112-107	3ESTCD4C			120	3ESTCD4C	341-000	UNIT	04-094-120	ZE
	NC			121				ZE	
336-112-109	3EMSADC			122	3EMSADC	341-000	UNIT	04-094-122	ZE
336-112-110	3EMSCDC			123	3EMSCDC	341-000	UNIT	04-094-123	ZE
	NC			124				ZE	

AP FIG 19 CAD 123

ECL-BUS UNIT MUX CONTROL, UPPER THSU2 BAY 1

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				145-094	JACK/UNIT	(EBU).....			
	NC			000				ZG	
	NC			001					
	NC			002					
	NC			003				ZG	
136-112-017	1ESSY1T			004	1ESSY1T	141-000	UNIT	04-094-004	ZG
136-112-018	1ES651T			005	1ES651T	141-000	UNIT	04-094-005	ZG
	NC			006				ZG	
	NC			007					
	NC			008					
	NC			009				ZG	
	NC			010					
	NC			011					
	NC			013				ZG	
136-112-001	1EMSM3T			014	1EMSM3T	141-000	UNIT	04-094-014	ZG
136-112-002	1EMSM2T			015	1EMSM2T	141-000	UNIT	04-094-015	ZG
	NC			016				ZG	
136-112-004	1EMSM1T			017	1EMSM1T	141-000	UNIT	04-094-017	ZG
136-112-005	1EMSM0T			018	1EMSM0T	141-000	UNIT	04-094-018	ZG
	NC			019				ZG	
136-112-007	1ESTER3T			020	1ESTER3T	141-000	UNIT	04-094-020	ZG
136-112-008	1ESTCD3T			021	1ESTCD3T	141-000	UNIT	04-094-021	ZG
	NC			022				ZG	
136-112-010	1EMSA0T			023	1EMSA0T	141-000	UNIT	04-094-023	ZG
136-112-011	1EMSC0T			024	1EMSC0T	141-000	UNIT	04-094-024	ZG
	NC			100					
	NC			101					
	NC			102				ZG	
136-112-116	1ESSY1C			103	1ESSY1C	141-000	UNIT	04-094-103	ZG
136-112-117	1ES651C			104	1ES651C	141-000	UNIT	04-094-104	ZG
	NC			105				ZG	
	NC			106					
	NC			107				ZG	
	NC			108					
	NC			109					
	NC			110					
	NC			111				ZG	
136-112-100	1EMSM3C			113	1EMSM3C	141-000	UNIT	04-094-113	ZG
136-112-101	1EMSM2C			114	1EMSM2C	141-000	UNIT	04-094-114	ZG
	NC			115				ZG	

AP FIG 19 CAD 123

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				145-094	JACK/UNIT	(EBU).....			
	NC			116	1EMSM1C	141-000	UNIT	04-094-116	ZG
136-112-103	1EMSM1C			117	1EMSM0C	141-000	UNIT	04-094-117	ZG
136-112-104	NC			118				ZG	
136-112-106	1ESTER3C			119	1ESTER3C	141-000	UNIT	04-094-119	ZG
136-112-107	1ESTCD3C			120	1ESTCD3C	141-000	UNIT	04-094-120	ZG
	NC			121				ZG	
136-112-109	1EMSADC			122	1EMSADC	141-000	UNIT	04-094-122	ZG
136-112-110	1EMSCDC			123	1EMSCDC	141-000	UNIT	04-094-123	ZG
	NC			124				ZG	

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AP FIG 19 CAD 124

ECL-BUS UNIT MUX CONTROL, UPPER TMSUZ BAY 4

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				345-094	JACK/UNIT	(EBU).....			
436-112-017 436-112-018	NC			000					
	NC			001					
	NC			002					
	NC			003					
	3ESSY1T			004	3ESSY1T	441-000	UNIT	04-094-004	
	3ES651T			005	3ES651T	441-000	UNIT	04-094-005	
	NC			006					
	NC			007					
	NC			008					
	NC			009					
336-112-001 336-112-002	NC			010					
	NC			011					
	NC			013					
	3EMSM3T			014	3EMSM3T	341-000	UNIT	04-094-014	
	3EMSM2T			015	3EMSM2T	341-000	UNIT	04-094-015	
	NC			016					
	336-112-004	3EMSM1T		017	3EMSM1T	341-000	UNIT	04-094-017	
	336-112-005	3EMSM0T		018	3EMSM0T	341-000	UNIT	04-094-018	
	NC			019					
	336-112-007	0ESTER2T		020	0ESTER2T	341-000	UNIT	04-094-020	
336-112-008 336-112-009	0ESTCD2T			021	0ESTCD2T	341-000	UNIT	04-094-021	
	NC			022					
	336-112-010	3EMSA0T		023	3EMSA0T	341-000	UNIT	04-094-023	
	336-112-011	3EMSC0T		024	3EMSC0T	341-000	UNIT	04-094-024	
	NC			100					
	NC			101					
	NC			102					
	436-112-116	3ESSY1C		103	3ESSY1C	441-000	UNIT	04-094-103	
	436-112-117	3ES651C		104	3ES651C	441-000	UNIT	04-094-104	
	NC			105					
336-112-100 336-112-101	NC			106					
	NC			107					
	NC			108					
	NC			109					
	NC			110					
	NC			111					
	336-112-103	3EMSM3C		113	3EMSM3C	341-000	UNIT	04-094-113	
	336-112-104	3EMSM2C		114	3EMSM2C	341-000	UNIT	04-094-114	
	NC			115					
	336-112-106	3EMSM1C		116	3EMSM1C	341-000	UNIT	04-094-116	
336-112-107 336-112-108	336-112-104	3EMSM0C		117	3EMSM0C	341-000	UNIT	04-094-117	
	NC			118					
	336-112-106	0ESTER2C		119	0ESTER2C	341-000	UNIT	04-094-119	
	336-112-107	0ESTCD2C		120	0ESTCD2C	341-000	UNIT	04-094-120	
	NC			121					
	336-112-109	3EMSA0C		122	3EMSA0C	341-000	UNIT	04-094-122	
	336-112-110	3EMSC0C		123	3EMSC0C	341-000	UNIT	04-094-123	
	NC			124					

AP FIG 1 CAD 125

ECL-BUS UNIT MUX CONTROL, UPPER TMSUZ BAY 2

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				245-094	JACK/UNIT	(EBU).....			
236-112-017 236-112-018	NC			000					
	2ESSY0T			001	2ESSY0T	241-000	UNIT	04-094-001	ZF
	2ES650T			002	2ES650T	241-000	UNIT	04-094-002	ZF
	NC			003					
	NC			004					
	NC			005					
	NC			006					
	NC			007					
	NC			008					
	NC			009					
236-112-001 236-112-002	NC			010					
	NC			011					
	NC			013					
	236-112-001	2EMSM3T		014	2EMSM3T	241-000	UNIT	04-094-014	ZF
	236-112-002	2EMSM2T		015	2EMSM2T	241-000	UNIT	04-094-015	ZF
	NC			016					
	236-112-004	2EMSM1T		017	2EMSM1T	241-000	UNIT	04-094-017	ZF
	236-112-005	2EMSM0T		018	2EMSM0T	241-000	UNIT	04-094-018	ZF
	NC			019					
	236-112-007	2ESTER1T		020	2ESTER1T	241-000	UNIT	04-094-020	ZF

AP FIG 1 CAD 125

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				245-094 (CONT'D)	JACK/UNIT	(EBU).....			
236-112-008 236-112-010 236-112-011 236-112-116 236-112-117	2ESTCD1T			021	2ESTCD1T	241-000	UNIT	04-094-021	ZF
	NC			022					
	236-112-010	2EMSA0T		023	2EMSA0T	241-000	UNIT	04-094-023	ZF
	236-112-011	2EMSC0T		024	2EMSC0T	241-000	UNIT	04-094-024	ZF
	236-112-116	2ESSY0C		100	2ESSY0C	241-000	UNIT	04-094-100	ZF
	236-112-117	2ES650C		101	2ES650C	241-000	UNIT	04-094-101	ZF
	NC			102					
	NC			103					
	NC			104					
	NC			105					
236-112-100 236-112-101	NC			106					
	NC			107					
	NC			108					
	NC			109					
	NC			110					
	NC			111					
	236-112-100	2EMSM3C		113	2EMSM3C	241-000	UNIT	04-094-113	ZF
	236-112-101	2EMSM2C		114	2EMSM2C	241-000	UNIT	04-094-114	ZF
	NC			115					
	236-112-103	2EMSM1C		116	2EMSM1C	241-000	UNIT	04-094-116	ZF
236-112-104 236-112-106 236-112-107	236-112-104	2EMSM0C		117	2EMSM0C	241-000	UNIT	04-094-117	ZF
	NC			118					
	236-112-106	2ESTER1C		119	2ESTER1C	241-000	UNIT	04-094-119	ZF
	236-112-107	2ESTCD1C		120	2ESTCD1C	241-000	UNIT	04-094-120	ZF
	NC			121					
	236-112-109	2EMSA0C		122	2EMSA0C	241-000	UNIT	04-094-122	ZF
	236-112-110	2EMSC0C		123	2EMSC0C	241-000	UNIT	04-094-123	ZF
	NC			124					

AP FIG 1 CAD 126

ECL-BUS UNIT MUX CONTROL, UPPER TMSUZ BAY 9

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				945-094	JACK/UNIT	(EBU).....			
936-112-017 936-112-018	NC			000					
	9ESSY0T			001	9ESSY0T	941-000	UNIT	04-094-001	ZF
	9ES650T			002	9ES650T	941-000	UNIT	04-094-002	ZF
	NC			003					
	NC			004					
	NC			005					
	NC			006					
	NC			007					
	NC			008					
	NC			009					
936-112-001 936-112-002	NC			010					
	NC			011					
	NC			013					
	936-112-001	9EMSM3T		014	9EMSM3T	941-000	UNIT	04-094-014	ZF
	936-112-002	9EMSM2T		015	9EMSM2T	941-000	UNIT	04-094-015	ZF
	NC			016					
	936-112-004	9EMSM1T		017	9EMSM1T	941-000	UNIT	04-094-017	ZF
	936-112-005	9EMSM0T		018	9EMSM0T	941-000	UNIT	04-094-018	ZF
	NC			019					
	936-112-007	9ESTER1T		020	9ESTER1T	941-000	UNIT	04-094-020	ZF
936-112-008 936-112-010 936-112-011 936-112-116 936-112-117	936-112-008	9ESTCD1T		021	9ESTCD1T	941-000	UNIT	04-094-021	ZF
	NC			022					
	936-112-010	9EMSA0T		023	9EMSA0T	941-000	UNIT	04-094-023	ZF
	936-112-011	9EMSC0T		024	9EMSC0T	941-000	UNIT	04-094-024	ZF
	936-112-116	9ESSY0C		100	9ESSY0C	941-000	UNIT	04-094-100	ZF
	936-112-117	9ES650C		101	9ES650C	941-000	UNIT	04-094-101	ZF
	NC			102					
	NC			103					
	NC			104					
	NC			105					
936-112-100 936-112-101	NC			106					
	NC			107					
	NC			108					
	NC			109					
	NC			110					
	NC			111					
	936-112-100	9EMSM3C		113	9EMSM3C	941-000	UNIT	04-094-113	ZF
	936-112-101	9EMSM2C		114	9EMSM2C	941-000	UNIT	04-094-114	ZF
	NC			115					

AP FIG 1 CAD 126

(CONT'D)

TO CONNECTION				FROM CONNECTION					
<u>DESTINATION</u>	<u>LEAD DESIG</u>	<u>METHOD</u>	<u>WIRE SYM</u>	<u>TERMINAL</u>	<u>LEAD DESIG</u>	<u>TERMINATION</u>	<u>TERMINAL</u>	<u>OPT</u>	<u>NOTE</u>
.....J1				945-094 (CONT'D)	JACK/UNIT	(EBU).....			
936-112-103	9EMSM1C		116	9EMSM1C	941-000	UNIT	04-094-116	ZF	
936-112-104	9EMSM0C		117	9EMSM0C	941-000	UNIT	04-094-117	ZF	
	NC		118					ZF	
936-112-106	9ESTER1C		119	9ESTER1C	941-000	UNIT	04-094-119	ZF	
936-112-107	9ESTCD1C		120	9ESTCD1C	941-000	UNIT	04-094-120	ZF	
	NC		121					ZF	
936-112-109	9EMSADC		122	9EMSADC	941-000	UNIT	04-094-122	ZF	
936-112-110	9EMSCDC		123	9EMSCDC	941-000	UNIT	04-094-123	ZF	
	NC		124					ZF	

AP FIG 19 CAD 127

ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 7

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				745-094	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001					
	NC			002					
	NC			003					
736-112-017	7ESSY1T			004	7ESSY1T	741-000 UNIT	04-094-004		
736-112-018	7ES651T			005	7ES651T	741-000 UNIT	04-094-005		
	NC			006					
	NC			007					
	NC			008					
	NC			009					
	NC			010					
	NC			011					
	NC			013					
736-112-001	7EMSM3T			014	7EMSM3T	741-000 UNIT	04-094-014		
736-112-002	7EMSM2T			015	7EMSM2T	741-000 UNIT	04-094-015		
	NC			016					
736-112-004	7EMSM1T			017	7EMSM1T	741-000 UNIT	04-094-017		
736-112-005	7EMSM0T			018	7EMSM0T	741-000 UNIT	04-094-018		
	NC			019					
736-112-007	7ESTER2T			020	7ESTER2T	741-000 UNIT	04-094-020		
736-112-008	7ESTCD2T			021	7ESTCD2T	741-000 UNIT	04-094-021		
	NC			022					
736-112-010	7EMSA0T			023	7EMSA0T	741-000 UNIT	04-094-023		
736-112-011	7EMSC0T			024	7EMSC0T	741-000 UNIT	04-094-024		
	NC			100					
	NC			101					
	NC			102					
736-112-116	7ESSY1C			103	7ESSY1C	741-000 UNIT	04-094-103		
736-112-117	7ES651C			104	7ES651C	741-000 UNIT	04-094-104		
	NC			105					
	NC			106					
	NC			107					
	NC			108					
	NC			109					
	NC			110					
	NC			111					
736-112-100	7EMSM3C			113	7EMSM3C	741-000 UNIT	04-094-113		
736-112-101	7EMSM2C			114	7EMSM2C	741-000 UNIT	04-094-114		
	NC			115					
736-112-103	7EMSM1C			116	7EMSM1C	741-000 UNIT	04-094-116		
736-112-104	7EMSM0C			117	7EMSM0C	741-000 UNIT	04-094-117		
	NC			118					
736-112-106	7ESTER2C			119	7ESTER2C	741-000 UNIT	04-094-119		
736-112-107	7ESTCD2C			120	7ESTCD2C	741-000 UNIT	04-094-120		
	NC			121					
736-112-109	7EMSA0C			122	7EMSA0C	741-000 UNIT	04-094-122		
736-112-110	7EMSC0C			123	7EMSC0C	741-000 UNIT	04-094-123		
	NC			124					

AP FIG 19 CAD 128

ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 10

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				1045-094	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001					
	NC			002					
	NC			003					
1036-112-017	10ESSY1T			004	10ESSY1T	1041-000 UNIT	04-094-004		
1036-112-018	10ES651T			005	10ES651T	1041-000 UNIT	04-094-005		
	NC			006					
	NC			007					
	NC			008					
	NC			009					
	NC			010					
	NC			011					
	NC			013					
1036-112-001	10EMSM3T			014	10EMSM3T	1041-000 UNIT	04-094-014		
1036-112-002	10EMSM2T			015	10EMSM2T	1041-000 UNIT	04-094-015		
	NC			016					
1036-112-004	10EMSM1T			017	10EMSM1T	1041-000 UNIT	04-094-017		
1036-112-005	10EMSM0T			018	10EMSM0T	1041-000 UNIT	04-094-018		
	NC			019					
1036-112-007	10ESTER3			020	10ESTER3	1041-000 UNIT	04-094-020		

AP FIG 19 CAD 128

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				1045-094	JACK/UNIT	(EBU).....			
	NC			021	10ESTCD3	1041-000 UNIT	04-094-021		
1036-112-008	10ESTCD3			022	10ESTCD3	1041-000 UNIT	04-094-021		
1036-112-010	10EMSA0T			023	10EMSA0T	1041-000 UNIT	04-094-023		
1036-112-011	10EMSC0T			024	10EMSC0T	1041-000 UNIT	04-094-024		
	NC			100					
	NC			101					
	NC			102					
1036-112-116	10ESSY1C			103	10ESSY1C	1031-000 UNIT	04-094-103		
1036-112-117	10ES651C			104	10ES651C	1041-000 UNIT	04-094-104		
	NC			105					
	NC			106					
	NC			107					
	NC			108					
	NC			109					
	NC			110					
	NC			111					
1036-112-100	10EMSM3C			113	10EMSM3C	1041-000 UNIT	04-094-113		
1036-112-101	10EMSM2C			114	10EMSM2C	1041-000 UNIT	04-094-114		
	NC			115					
1036-112-103	10EMSM1C			116	10EMSM1C	1041-000 UNIT	04-094-116		
1036-112-104	10EMSM0C			117	10EMSM0C	1041-000 UNIT	04-094-117		
	NC			118					
1036-112-106	10ESTER3			119	10ESTER3	1041-000 UNIT	04-094-119		
1036-112-107	10ESTCD3			120	10ESTCD3	1041-000 UNIT	04-094-120		
	NC			121					
1036-112-109	10EMSA0C			122	10EMSA0C	1041-000 UNIT	04-094-122		
1036-112-110	10EMSC0C			123	10EMSC0C	1041-000 UNIT	04-094-123		
	NC			124					

AP FIG 19 CAD 129

ECL-BUS UNIT MUX CONTROL, UPPER TMSU2 BAY 8

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				845-094	JACK/UNIT	(EBU).....			
	NC			000					
	NC			001					
	NC			002					
	NC			003					
	NC			004					
	NC			005					
	NC			006					
836-112-017	8ESSY2T			007	8ESSY2T	841-000 UNIT	04-094-007		
836-112-018	8ES652T			008	8ES652T	841-000 UNIT	04-094-008		
	NC			009					
	NC			010					
	NC			011					
	NC			013					
836-112-001	8EMSM3T			014	8EMSM3T	841-000 UNIT	04-094-014		
836-112-002	8EMSM2T			015	8EMSM2T	841-000 UNIT	04-094-015		
	NC			016					
836-112-004	8EMSM1T			017	8EMSM1T	841-000 UNIT	04-094-017		
836-112-005	8EMSM0T			018	8EMSM0T	841-000 UNIT	04-094-018		
	NC			019					
836-112-007	8STER4T			020	8STER4T	841-000 UNIT	04-094-020		
836-112-008	8STCD4T			021	8STCD4T	841-000 UNIT	04-094-021		
	NC			022					
836-112-010	8EMSA0T			023	8EMSA0T	841-000 UNIT	04-094-023		
836-112-011	8EMSC0T			024	8EMSC0T	841-000 UNIT	04-094-024		
	NC			100					
	NC			101					
	NC			102					
	NC			103					
	NC			104					
	NC			105					
836-112-116	8ESSY2C			106	8ESSY2C	841-000 UNIT	04-094-106		
836-112-117	8ES652C			107	8ES652C	841-000 UNIT	04-094-107		
	NC			108					
	NC			109					
	NC			110					
	NC			111					
836-112-100	8EMSM3C			113	8EMSM3C	841-000 UNIT	04-094-113		
836-112-101	8EMSM2C			114	8EMSM2C	841-000 UNIT	04-094-114		
	NC			115					

AP FIG 19 CAD 129

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				845-094	JACK/UNIT	(EBU).....			
	NC			116	8EMSM1C	841-000 UNIT	04-094-116		
836-112-103	8EMSM1C			117	8EMSM0C	841-000 UNIT	04-094-117		
836-112-104	8EMSH0C			118	8EMSH0C	841-000 UNIT	04-094-117		
	NC			119	8STER4C	841-000 UNIT	04-094-119		
836-112-106	8STER4C			120	8STCD4C	841-000 UNIT	04-094-120		
836-112-107	8STCD4C			121	NC				
	NC			122	8EMSA0C	841-000 UNIT	04-094-122		
836-112-109	8EMSA0C			123	8EMSC0C	841-000 UNIT	04-094-123		
836-112-110	8EMSC0C			124	NC				

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AP FIG 19 CAD 130

ECL-BUS UNIT MUX CONTROL, UPPER TMSUZ BAY 11

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				1145-094	JACK/UNIT	(EBU).....			
	NC			000				ZJ	
	NC			001					
	NC			002					
	NC			003				ZJ	
	NC			004					
	NC			005					
	NC			006					
1136-112-017	11ESSY2T			007	11ESSY2T 1141-000 UNIT		04-094-007	ZJ	
1136-112-018	11ES652T			008	11ES652T 1141-000 UNIT		04-094-008	ZJ	
	NC			009				ZJ	
	NC			010					
	NC			011					
	NC			013				ZJ	
1136-112-001	11EMSM3T			014	11EMSM3T 1141-000 UNIT		04-094-014	ZJ	
1136-112-002	11EMSM2T			015	11EMSM2T 1141-000 UNIT		04-094-015	ZJ	
	NC			016				ZJ	
1136-112-004	11EMSM1T			017	11EMSM1T 1141-000 UNIT		04-094-017	ZJ	
1136-112-005	11EMSHOT			018	11EMSHOT 1141-000 UNIT		04-094-018	ZJ	
	NC			019				ZJ	
1136-112-007	11ESTER5T			020	11ESTER5T 1141-000 UNIT		04-094-020	ZJ	
1136-112-008	11ESTCD5T			021	11ESTCD5T 1141-000 UNIT		04-094-021	ZJ	
	NC			022				ZJ	
1136-112-010	11EMSADT			023	11EMSADT 1141-000 UNIT		04-094-023	ZJ	
1136-112-011	11EMSCDT			024	11EMSCDT 1141-000 UNIT		04-094-024	ZJ	
	NC			100					
	NC			101					
	NC			102				ZJ	
	NC			103					
	NC			104					
	NC			105					
1136-112-116	11ESSY2C			106	11ESSY2C 1141-000 UNIT		04-094-106	ZJ	
1136-112-117	11ES652C			107	11ES652C 1141-000 UNIT		04-094-107	ZJ	
	NC			108				ZJ	
	NC			109					
	NC			110					
	NC			111				ZJ	
1136-112-100	11EMSM3C			113	11EMSM3C 1141-000 UNIT		04-094-113	ZJ	
1136-112-101	11EMSM2C			114	11EMSM2C 1141-000 UNIT		04-094-114	ZJ	
	NC			115				ZJ	
1136-112-103	11EMSM1C			116	11EMSM1C 1141-000 UNIT		04-094-116	ZJ	
1136-112-104	11EMSHOC			117	11EMSHOC 1141-000 UNIT		04-094-117	ZJ	
	NC			118				ZJ	
1136-112-106	11ESTER5C			119	11ESTER5C 1141-000 UNIT		04-094-119	ZJ	
1136-112-107	11ESTCD5C			120	11ESTCD5C 1141-000 UNIT		04-094-120	ZJ	
	NC			121				ZJ	
1136-112-109	11EMSADC			122	11EMSADC 1141-000 UNIT		04-094-122	ZJ	
1136-112-110	11EMSCDC			123	11EMSCDC 1141-000 UNIT		04-094-123	ZJ	
	NC			124				ZJ	

AP FIG 19 CAD 131

ECL-BUS UNIT RECEIVE DATA, BAY 0 AS LAST CABINET

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				028-037	JACK/UNIT	(EBU).....			
	NC			000					
028-028-533	00SE230C			001	00SE230C 024-000 UNIT		04-037-001	ZJ	
028-028-534	00SE229T			002	00SE229T 024-000 UNIT		04-037-002	ZJ	
	NC			003					
028-028-536	00SE226C			004	00SE226C 024-000 UNIT		04-037-004	ZJ	
028-028-537	00SE225T			005	00SE225T 024-000 UNIT		04-037-005	ZJ	
	NC			006					
028-028-539	00SE222C			007	00SE222C 024-000 UNIT		04-037-007	ZJ	
028-028-540	00SE221T			008	00SE221T 024-000 UNIT		04-037-008	ZJ	
	NC			009					
028-028-542	00SE218C			010	00SE218C 024-000 UNIT		04-037-010	ZJ	
028-028-543	00SE217T			011	00SE217T 024-000 UNIT		04-037-011	ZJ	
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					

AP FIG 19 CAD 131

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				028-037	JACK/UNIT	(EBU).....			
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
.....J1				028-036	JACK/UNIT	(EBU).....			
028-028-432	00SE231C			000	00SE231C 024-000 UNIT		04-036-000	ZJ	
028-028-433	00SE230T			001	00SE230T 024-000 UNIT		04-036-001	ZJ	
	NC			002					
028-028-435	00SE227C			003	00SE227C 024-000 UNIT		04-036-003	ZJ	
028-028-436	00SE226T			004	00SE226T 024-000 UNIT		04-036-004	ZJ	
	NC			005					
028-028-438	00SE223C			006	00SE223C 024-000 UNIT		04-036-006	ZJ	
028-028-439	00SE222T			007	00SE222T 024-000 UNIT		04-036-007	ZJ	
	NC			008					
028-028-441	00SE219C			009	00SE219C 024-000 UNIT		04-036-009	ZJ	
028-028-442	00SE218T			010	00SE218T 024-000 UNIT		04-036-010	ZJ	
	NC			011					
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
.....J1				028-035	JACK/UNIT	(EBU).....			
028-028-332	00SE231T			000	00SE231T 024-000 UNIT		04-035-000	ZJ	
	NC			001					
028-028-334	00SE228C			002	00SE228C 024-000 UNIT		04-035-002	ZJ	
028-028-335	00SE227T			003	00SE227T 024-000 UNIT		04-035-003	ZJ	
	NC			004					
028-028-337	00SE224C			005	00SE224C 024-000 UNIT		04-035-005	ZJ	
028-028-338	00SE223T			006	00SE223T 024-000 UNIT		04-035-006	ZJ	
	NC			007					
028-028-340	00SE220C			008	00SE220C 024-000 UNIT		04-035-008	ZJ	
028-028-341	00SE219T			009	00SE219T 024-000 UNIT		04-035-009	ZJ	
	NC			010					
028-028-343	00SE216C			011	00SE216C 024-000 UNIT		04-035-011	ZJ	
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
.....J1				028-034	JACK/UNIT	(EBU).....			
	NC			000					
028-028-233	00SE229C			001	00SE229C 024-000 UNIT		04-034-001	ZJ	
028-028-234	00SE228T			002	00SE228T 024-000 UNIT		04-034-002	ZJ	
	NC			003					
028-028-236	00SE225C			004	00SE225C 024-000 UNIT		04-034-004	ZJ	
028-028-237	00SE224T			005	00SE224T 024-000 UNIT		04-034-005	ZJ	
	NC			006					
028-028-239	00SE221C			007	00SE221C 024-000 UNIT		04-034-007	ZJ	
028-028-240	00SE220T			008	00SE220T 024-000 UNIT		04-034-008	ZJ	
	NC			009					
028-028-242	00SE217C			010	00SE217C 024-000 UNIT		04-034-010	ZJ	
028-028-243	00SE216T			011	00SE216T 024-000 UNIT		04-034-011	ZJ	
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					

AP FIG 19 CAD 131

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				028-034	JACK/UNIT	(EBU).....			
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					

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AP FIG 19 CAD 131 (CONT'D)										AP FIG 19 CAD 131 (CONT'D)										AP FIG 19 CAD 132 (CONT'D)									
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD	METHOD	WIRE	TERMINAL	LEAD	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD	METHOD	WIRE	TERMINAL	LEAD	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD	METHOD	WIRE	TERMINAL	LEAD	TERMINATION	TERMINAL	OPT	NOTE
J1 028-028 JACK/UNIT (EBU)										J1 028-028 (CONT'D) JACK/UNIT (EBU)										J1 328-036 (CONT'D) JACK/UNIT (EBU)									
NC	200									NC	510									328-028-449	00SE210T				023	00SE210T 324-000 UNIT	04-036-023	ZE	
NC	201									NC	511									NC	024								
NC	202									NC	512																		
NC	203									NC	513																		
NC	204									028-028-546	00SE214C				00SE214C 024-000 UNIT	04-028-514	ZJ												
NC	205									028-028-547	00SE213T				00SE213T 024-000 UNIT	04-028-515	ZJ												
NC	206									NC	514																		
NC	207									NC	515																		
NC	208									028-028-549	00SE210C				00SE210C 024-000 UNIT	04-028-517	ZJ												
NC	209									028-028-550	00SE209T				00SE209T 024-000 UNIT	04-028-518	ZJ												
NC	210									NC	516																		
NC	211									028-028-552	00SE206C				00SE206C 024-000 UNIT	04-028-520	ZJ												
NC	212									028-028-553	00SE205T				00SE205T 024-000 UNIT	04-028-521	ZJ												
NC	213									NC	517																		
028-028-246	00SE213C				00SE213C 024-000 UNIT	04-028-214	ZJ			028-028-555	00SE202C				00SE202C 024-000 UNIT	04-028-523	ZJ												
028-028-247	00SE212T				00SE212T 024-000 UNIT	04-028-215	ZJ			028-028-556	00SE201T				00SE201T 024-000 UNIT	04-028-524	ZJ												
NC	216																												
028-028-249	00SE209C				00SE209C 024-000 UNIT	04-02																							

[illegible][illegible][illegible][illegible][illegible]

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		2	3B
AT&T	SD-5D144-02		GB129

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC		DWG SIZE	ISSUE
		2	3B
AT&T	SD-5D144-02		GB129

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC		DWG SIZE	ISSUE
		2	3B
AT&T	SD-5D144-02		GB129

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC		DWG SIZE	ISSUE
		2	3B
AT&T	SD-5D144-02		GB129

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC		DWG SIZE	ISSUE
		2	3B
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AP FIG 19 CAD 133

ECL-BUS UNIT RECEIVE DATA, BAY 1 AS LAST CABINET

AP FIG 19 CAD 133

(CONT'D)

AP FIG 19 CAD 133

(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	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
.....J1										J1										J1										128-028 (CONT'D)									
128-022-533	NC			000	00SE130C 124-000	UNIT	04-037-001	ZG		128-022-233	NC			000	00SE129C 124-000	UNIT	04-034-001	ZG		128-022-445	NC			406	00SE115C 124-000	UNIT	04-028-413	ZG		128-022-446	NC			407	00SE114T 124-000	UNIT	04-028-414	ZG	
128-022-534	00SE129T			002	00SE129T 124-000	UNIT	04-037-002	ZG		128-022-234	00SE128T			002	00SE128T 124-000	UNIT	04-034-002	ZG		128-022-447	NC			408	00SE114C 124-000	UNIT	04-028-415	ZG		128-022-448	NC			409	00SE111C 124-000	UNIT	04-028-416	ZG	
128-022-536	00SE126C			004	00SE126C 124-000	UNIT	04-037-004	ZG		128-022-236	00SE125C			004	00SE125C 124-000	UNIT	04-034-004	ZG		128-022-449	NC			410	00SE110T 124-000	UNIT	04-028-417	ZG		128-022-451	NC			411	00SE107C 124-000	UNIT	04-028-419	ZG	
128-022-537	00SE125T			005	00SE125T 124-000	UNIT	04-037-005	ZG		128-022-237	00SE124T			005	00SE124T 124-000	UNIT	04-034-005	ZG		128-022-452	NC			412	00SE106T 124-000	UNIT	04-028-420	ZG		128-022-454	NC			413	00SE103C 124-000	UNIT	04-028-422	ZG	
128-022-539	00SE122C			007	00SE122C 124-000	UNIT	04-037-007	ZG		128-022-239	00SE121C			007	00SE121C 124-000	UNIT	04-034-007	ZG		128-022-455	NC			414	00SE102T 124-000	UNIT	04-028-423	ZG		128-022-456	NC			415	00SE101T 124-000	UNIT	04-028-424	ZG	
128-022-540	00SE121T			008	00SE121T 124-000	UNIT	04-037-008	ZG		128-022-240	00SE120T			008	00SE120T 124-000	UNIT	04-034-008	ZG		128-022-457	NC			416	00SE099T 124-000	UNIT	04-028-425	ZG		128-022-458	NC			417	00SE098T 124-000	UNIT	04-028-426	ZG	
128-022-542	00SE118C			010	00SE118C 124-000	UNIT	04-037-010	ZG		128-022-242	00SE117C			010	00SE117C 124-000	UNIT	04-034-010	ZG		128-022-459	NC			418	00SE097T 124-000	UNIT	04-028-427	ZG		128-022-460	NC			419	00SE096T 124-000	UNIT	04-028-428	ZG	
128-022-543	00SE117T			011	00SE117T 124-000	UNIT	04-037-011	ZG		128-022-243	00SE116T			011	00SE116T 124-000	UNIT	04-034-011	ZG		128-022-461	NC			420	00SE095T 124-000	UNIT	04-028-429	ZG		128-022-462	NC			421	00SE094T 124-000	UNIT	04-028-430	ZG	
NC				012						NC				012						128-022-463	NC			422	00SE093T 124-000	UNIT	04-028-431	ZG		128-022-464	NC			423	00SE092T 124-000	UNIT	04-028-432	ZG	
NC				013						NC				013						128-022-465	NC			424	00SE091T 124-000	UNIT	04-028-433	ZG		128-022-466	NC			425	00SE090T 124-000	UNIT	04-028-434	ZG	
NC				014						NC				014						128-022-467	NC			426	00SE089T 124-000	UNIT	04-028-435	ZG		128-022-468	NC			427	00SE088T 124-000	UNIT	04-028-436	ZG	
NC				015						NC				015						128-022-469	NC			428	00SE087T 124-000	UNIT	04-028-437	ZG		128-022-470	NC			429	00SE086T 124-000	UNIT	04-028-438	ZG	
NC				016						NC				016						128-022-471	NC			430	00SE085T 124-000	UNIT	04-028-439	ZG		128-022-472	NC			431	00SE084T 124-000	UNIT	04-028-440	ZG	
NC				017						NC				017						128-022-473	NC			432	00SE083T 124-000	UNIT	04-028-441	ZG		128-022-474	NC			433	00SE082T 124-000	UNIT	04-028-442	ZG	
NC				018						NC				018						128-022-475	NC			434	00SE081T 124-000	UNIT	04-028-443	ZG		128-022-476	NC			435	00SE080T 124-000	UNIT	04-028-444	ZG	
NC				019						NC				019						128-022-477	NC			436	00SE079T 124-000	UNIT	04-028-445	ZG		128-022-478	NC			437	00SE078T 124-000	UNIT	04-028-446	ZG	
NC				020						NC				020						128-022-479	NC			438	00SE077T 124-000	UNIT	04-028-447	ZG		128-022-480	NC			439	00SE076T 124-000	UNIT	04-028-448	ZG	
NC				021						NC				021						128-022-481	NC			440	00SE075T 124-000	UNIT	04-028-449	ZG		128-022-482	NC			441	00SE074T 124-000	UNIT	04-028-450	ZG	
NC				022						NC				022						128-022-483	NC			442	00SE073T 124-000	UNIT	04-028-451	ZG		128-022-484	NC			443	00SE072T 124-000	UNIT	04-028-452	ZG	
NC				023						NC				023						128-022-485	NC			444	00SE071T 124-000	UNIT	04-028-453	ZG		128-022-486	NC			445	00SE070T 124-000	UNIT	04-028-454	ZG	
NC				024						NC				024						128-022-487	NC			446	00SE069T 124-000	UNIT	04-028-455	ZG		128-022-488	NC			447	00SE068T 124-000	UNIT	04-028-456	ZG	
.....J1										J1										J1										J1									
128-022-432	00SE131C			000	00SE131C 124-000	UNIT	04-036-000	ZG		128-022-200	NC			200						128-022-489	NC			448	00SE067T 124-000	UNIT	04-028-457	ZG		128-022-490	NC			449	00SE066T 124-000	UNIT	04-028-458	ZG	
128-022-433	00SE130T			001	00SE130T 124-000	UNIT	04-036-001	ZG		128-022-201	NC			201						128-022-491	NC			450	00SE065T 124-000	UNIT	04-028-459	ZG		128-022-492	NC			451	00SE064T 124-000	UNIT	04-028-460	ZG	
128-022-435	00SE127C			003	00SE127C 124-000	UNIT	04-036-003	ZG		128-022-202	NC			202						128-022-493	NC			452	00SE063T 124-000	UNIT	04-028-461	ZG		128-022-494	NC			453	00SE062T 124-000	UNIT	04-028-462	ZG	
128-022-436	00SE126T			004	00SE126T 124-000	UNIT	04-036-004	ZG		128-022-203	NC			203						128-022-495	NC			454	00SE061T 124-000	UNIT	04-028-463	ZG		128-022-496	NC			455	00SE060T 124-000	UNIT	04-028-464	ZG	
128-022-438	00SE123C			006	00SE123C 124-000	UNIT	04-036-006	ZG		128-022-204	NC			204						128-022-497	NC			456	00SE059T 124-000	UNIT	04-028-465	ZG		128-022-498	NC			457	00SE058T 124-000	UNIT	04-028-466	ZG	
128-022-439	00SE122T			007	00SE122T 124-000	UNIT	04-036-007	ZG		128-022-205	NC			205						128-022-499	NC			458	00SE057T 124-000	UNIT	04-028-467	ZG		128-022-500	NC			459	00SE056T 124-000				

AP FIG 19 CAD 134

ECL-BUS UNIT RECEIVE DATA, BAY 4 AS LAST CABINET

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1 428-037 JACK/UNIT (EBU).....							
NC				000			
NC				001			
NC				002			
NC				003			
NC				004			
NC				005			
NC				006			
NC				007			
NC				008			
NC				009			
NC				010			
NC				011			
NC				012			
428-022-551	GRD			013	GRD 424-000	UNIT	04-037-013
428-022-552	00SE106C			014	00SE106C 424-000	UNIT	04-037-014
428-022-553	00SE105T			015	00SE105T 424-000	UNIT	04-037-015
428-022-554	GRD			016	GRD 424-000	UNIT	04-037-016
428-022-555	00SE102C			017	00SE102C 424-000	UNIT	04-037-017
428-022-556	00SE101T			018	00SE101T 424-000	UNIT	04-037-018
428-022-545	GRD			019	GRD 424-000	UNIT	04-037-019
428-022-546	00SE114C			020	00SE114C 424-000	UNIT	04-037-020
428-022-547	00SE113T			021	00SE113T 424-000	UNIT	04-037-021
428-022-548	GRD			022	GRD 424-000	UNIT	04-037-022
428-022-549	00SE110C			023	00SE110C 424-000	UNIT	04-037-023
428-022-550	00SE109T			024	00SE109T 424-000	UNIT	04-037-024
.....J1 428-036 JACK/UNIT (EBU).....							
NC				000			
NC				001			
NC				002			
NC				003			
NC				004			
NC				005			
NC				006			
NC				007			
NC				008			
NC				009			
NC				010			
NC				011			
NC				012			
428-022-451	00SE107C			013	00SE107C 424-000	UNIT	04-036-013
428-022-452	00SE106T			014	00SE106T 424-000	UNIT	04-036-014
NC				015			
428-022-454	00SE103C			016	00SE103C 424-000	UNIT	04-036-016
428-022-455	00SE102T			017	00SE102T 424-000	UNIT	04-036-017
NC				018			
428-022-445	00SE115C			019	00SE115C 424-000	UNIT	04-036-019
428-022-446	00SE114T			020	00SE114T 424-000	UNIT	04-036-020
428-022-447	GRD			021	GRD 424-000	UNIT	04-036-021
428-022-448	00SE111C			022	00SE111C 424-000	UNIT	04-036-022
428-022-449	00SE110T			023	00SE110T 424-000	UNIT	04-036-023
NC				024			
.....J1 428-035 JACK/UNIT (EBU).....							
NC				000			
NC				001			
NC				002			
NC				003			
NC				004			
NC				005			
NC				006			
NC				007			
NC				008			
NC				009			
NC				010			
NC				011			
NC				012			
428-022-351	00SE107T			013	00SE107T 424-000	UNIT	04-035-013
428-022-352	GRD			014	GRD 424-000	UNIT	04-035-014
428-022-353	00SE104C			015	00SE104C 424-000	UNIT	04-035-015
428-022-354	00SE103T			016	00SE103T 424-000	UNIT	04-035-016
428-022-355	GRD			017	GRD 424-000	UNIT	04-035-017
428-022-356	00SE100C			018	00SE100C 424-000	UNIT	04-035-018
428-022-345	00SE115T			019	00SE115T 424-000	UNIT	04-035-019
428-022-346	GRD			020	GRD 424-000	UNIT	04-035-020
428-022-347	00SE112C			021	00SE112C 424-000	UNIT	04-035-021
428-022-348	00SE111T			022	00SE111T 424-000	UNIT	04-035-022
428-022-349	GRD			023	GRD 424-000	UNIT	04-035-023
428-022-350	00SE108C			024	00SE108C 424-000	UNIT	04-035-024

AP FIG 19 CAD 134

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1 428-034 JACK/UNIT (EBU).....							
NC				000			
NC				001			
NC				002			
NC				003			
NC				004			
NC				005			
NC				006			
NC				007			
NC				008			
NC				009			
NC				010			
NC				011			
NC				012			
NC				013			
428-022-252	00SE105C			014	00SE105C 424-000	UNIT	04-034-014
428-022-253	00SE104T			015	00SE104T 424-000	UNIT	04-034-015
NC				016			
428-022-255	00SE101C			017	00SE101C 424-000	UNIT	04-034-017
428-022-256	00SE100T			018	00SE100T 424-000	UNIT	04-034-018
428-022-245	GRD			019	GRD 424-000	UNIT	04-034-019
428-022-246	00SE113C			020	00SE113C 424-000	UNIT	04-034-020
428-022-247	00SE112T			021	00SE112T 424-000	UNIT	04-034-021
NC				022			
428-022-249	00SE109C			023	00SE109C 424-000	UNIT	04-034-023
428-022-250	00SE108T			024	00SE108T 424-000	UNIT	04-034-024
.....J1 228-037 JACK/UNIT (EBU).....							
NC				000			
228-014-533	00SE030C			001	00SE030C 224-000	UNIT	04-037-001
228-014-534	00SE029T			002	00SE029T 224-000	UNIT	04-037-002
NC				003			
228-014-536	00SE028C			004	00SE028C 224-000	UNIT	04-037-004
228-014-537	00SE025T			005	00SE025T 224-000	UNIT	04-037-005
NC				006			
228-014-539	00SE022C			007	00SE022C 224-000	UNIT	04-037-007
228-014-540	00SE021T			008	00SE021T 224-000	UNIT	04-037-008
NC				009			
228-014-542	00SE018C			010	00SE018C 224-000	UNIT	04-037-010
228-014-543	00SE017T			011	00SE017T 224-000	UNIT	04-037-011
NC				012			
NC				013			
NC				014			
NC				015			
NC				016			
NC				017			
NC				018			
NC				019			
NC				020			
NC				021			
NC				022			
NC				023			
NC				024			
.....J1 228-036 JACK/UNIT (EBU).....							
228-014-432	00SE031C			000	00SE031C 224-000	UNIT	04-036-000
228-014-433	00SE030T			001	00SE030T 224-000	UNIT	04-036-001
NC				002			
228-014-435	00SE027C			003	00SE027C 224-000	UNIT	04-036-003
228-014-436	00SE026T			004	00SE026T 224-000	UNIT	04-036-004
NC				005			
228-014-438	00SE023C			006	00SE023C 224-000	UNIT	04-036-006
228-014-439	00SE022T			007	00SE022T 224-000	UNIT	04-036-007
NC				008			
228-014-441	00SE019C			009	00SE019C 224-000	UNIT	04-036-009
228-014-442	00SE018T			010	00SE018T 224-000	UNIT	04-036-010
NC				011			
NC				012			
NC				013			

AP FIG 1 CAD 135

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----J1				228-036 (CONT'D)	JACK/UNIT	(EBU).....			
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
-----J1				228-035	JACK/UNIT	(EBU).....			
228-014-332	00SE031T			000	00SE031T 224-000	UNIT	04-035-000	ZF	
	NC			001					
228-014-334	00SE028C			002	00SE028C 224-000	UNIT	04-035-002	ZF	
228-014-335	00SE027T			003	00SE027T 224-000	UNIT	04-035-003	ZF	
	NC			004					
228-014-337	00SE024C			005	00SE024C 224-000	UNIT	04-035-005	ZF	
228-014-338	00SE023T			006	00SE023T 224-000	UNIT	04-035-006	ZF	
	NC			007					
228-014-340	00SE020C			008	00SE020C 224-000	UNIT	04-035-008	ZF	
228-014-341	00SE019T			009	00SE019T 224-000	UNIT	04-035-009	ZF	
	NC			010					
228-014-343	00SE016C			011	00SE016C 224-000	UNIT	04-035-011	ZF	
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
-----J1				228-034	JACK/UNIT	(EBU).....			
	NC			000					
228-014-233	00SE029C			001	00SE029C 224-000	UNIT	04-034-001	ZF	
228-014-234	00SE028T			002	00SE028T 224-000	UNIT	04-034-002	ZF	
	NC			003					
228-014-236	00SE025C			004	00SE025C 224-000	UNIT	04-034-004	ZF	
228-014-237	00SE024T			005	00SE024T 224-000	UNIT	04-034-005	ZF	
	NC			006					
228-014-239	00SE021C			007	00SE021C 224-000	UNIT	04-034-007	ZF	
228-014-240	00SE020T			008	00SE020T 224-000	UNIT	04-034-008	ZF	
	NC			009					
228-014-242	00SE017C			010	00SE017C 224-000	UNIT	04-034-010	ZF	
228-014-243	00SF016T			011	00SE016T 224-000	UNIT	04-034-011	ZF	
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					

AP FIG 1 CAD 136
(CONT'D)

COPYRIGHT (c) 1988 AT&T ALL RIGHTS RESERVED			
COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC		DWG SIZE	ISSUE
		□	38
AT&T	SD-50144-02	GB132	

AP FIG 19 CAD 137
(CONT'D)

[illegible]

ECL-BUS UNIT RECEIVE DATA, BAY 10 AS LAST CABINET

A horizontal number line is shown with tick marks at 0, 1, 2, and 3. The segment between 1 and 2 is shaded gray.

(CONT'D)

4	5	6
---	---	---

(CONT'D)

COPYRIGHT (C) 1988 AT&T ALL RIGHTS RESERVED		
COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC	DWG SIZE	ISSUE
	L2	3B
AT&T	SD-SD144-0Z	GB134

AP FIG 19 CAD 139

ECL-BUS UNIT RECEIVE DATA, BAY 8 AS LAST CABINET

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1	828-157	JACK/UNIT	(EBU).....						
NC	000								
NC	001								
NC	002								
NC	003								
NC	004								
NC	005								
NC	006								
NC	007								
NC	008								
NC	009								
NC	010								
NC	011								
NC	012								
828-158-551	GRD	824-000	UNIT	04-157-013	ZE				
828-158-552	10SE206C	824-000	UNIT	04-157-014	ZE				
828-158-553	10SE205T	824-000	UNIT	04-157-015	ZE				
828-158-554	GRD	824-000	UNIT	04-157-016	ZE				
828-158-555	10SE202C	824-000	UNIT	04-157-017	ZE				
828-158-556	10SE201T	824-000	UNIT	04-157-018	ZE				
828-158-545	GRD	824-000	UNIT	04-157-019	ZE				
828-158-546	10SE214C	824-000	UNIT	04-157-020	ZE				
828-158-547	10SE213T	824-000	UNIT	04-157-021	ZE				
828-158-548	GRD	824-000	UNIT	04-157-022	ZE				
828-158-549	10SE210C	824-000	UNIT	04-157-023	ZE				
828-158-550	10SE209T	824-000	UNIT	04-157-024	ZE				

.....J1	828-156	JACK/UNIT	(EBU).....						
NC	000								
NC	001								
NC	002								
NC	003								
NC	004								
NC	005								
NC	006								
NC	007								
NC	008								
NC	009								
NC	010								
NC	011								
NC	012								
828-158-451	10SE207C	824-000	UNIT	04-156-013	ZE				
828-158-452	10SE206T	824-000	UNIT	04-156-014	ZE				
NC	015								
828-158-454	10SE203C	824-000	UNIT	04-156-016	ZE				
828-158-455	10SE202T	824-000	UNIT	04-156-017	ZE				
NC	018								
828-158-445	10SE215C	824-000	UNIT	04-156-019	ZE				
828-158-446	10SE214T	824-000	UNIT	04-156-020	ZE				
828-158-447	GRD	824-000	UNIT	04-156-021	ZE				
828-158-448	10SE211C	824-000	UNIT	04-156-022	ZE				
828-158-449	10SE210T	824-000	UNIT	04-156-023	ZE				
NC	024								

.....J1	828-155	JACK/UNIT	(EBU).....						
NC	000								
NC	001								
NC	002								
NC	003								
NC	004								
NC	005								
NC	006								
NC	007								
NC	008								
NC	009								
NC	010								
NC	011								
NC	012								
828-158-351	10SE207T	824-000	UNIT	04-155-013	ZE				
828-158-352	GRD	824-000	UNIT	04-155-014	ZE				
828-158-353	10SE204C	824-000	UNIT	04-155-015	ZE				
828-158-354	10SE203T	824-000	UNIT	04-155-016	ZE				
828-158-355	GRD	824-000	UNIT	04-155-017	ZE				
828-158-356	10SE200C	824-000	UNIT	04-155-018	ZE				
828-158-345	10SE215T	824-000	UNIT	04-155-019	ZE				
828-158-346	GRD	824-000	UNIT	04-155-020	ZE				
828-158-347	10SE212C	824-000	UNIT	04-155-021	ZE				
828-158-348	10SE211T	824-000	UNIT	04-155-022	ZE				
828-158-349	GRD	824-000	UNIT	04-155-023	ZE				
828-158-350	10SE208C	824-000	UNIT	04-155-024	ZE				

AP FIG 19 CAD 139

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1	828-154	JACK/UNIT	(EBU).....						
NC	000								
NC	001								
NC	002								
NC	003								
NC	004								
NC	005								
NC	006								
NC	007								
NC	008								
NC	009								
NC	010								
NC	011								
NC	012								
NC	013								
828-158-252	10SE205C	824-000	UNIT	04-154-014	ZE				
828-158-253	10SE204T	824-000	UNIT	04-154-015	ZE				
NC	016								
828-158-255	10SE201C	824-000	UNIT	04-154-017	ZE				
828-158-256	10SE200T	824-000	UNIT	04-154-018	ZE				
828-158-245	GRD	824-000	UNIT	04-154-019	ZE				
828-158-246	10SE213C	824-000	UNIT	04-154-020	ZE				
828-158-247	10SE212T	824-000	UNIT	04-154-021	ZE				
NC	022								
828-158-249	10SE209C	824-000	UNIT	04-154-023	ZE				
828-158-250	10SE208T	824-000	UNIT	04-154-024	ZE				

AP FIG 19 CAD 140

ECL-BUS UNIT RECEIVE DATA, BAY 11 AS LAST CABINET

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1	1128-157	JACK/UNIT	(EBU).....						
NC	000								
1128-158-533	10SE230C	1124-000	UNIT	04-157-001	ZJ				
1128-158-534	10SE229T	1124-000	UNIT	04-157-002	ZJ				
NC	003								
1128-158-536	10SE226C	1124-000	UNIT	04-157-004	ZJ				
1128-158-537	10SE225T	1124-000	UNIT	04-157-005	ZJ				
NC	006								
1128-158-539	10SE222C	1124-000	UNIT	04-157-007	ZJ				
1128-158-540	10SE221T	1124-000	UNIT	04-157-008	ZJ				
NC	009								
1128-158-542	10SE218C	1124-000	UNIT	04-157-010	ZJ				
1128-158-543	10SE217T	1124-000	UNIT	04-157-011	ZJ				
NC	012								
NC	013								
NC	014								
NC	015								
NC	016								
NC	017								
NC	018								
NC	019								
NC	020								
NC	021								
NC	022								
NC	023								
NC	024								

.....J1	1128-156	JACK/UNIT	(EBU).....						
1128-158-432	10SE231C	1124-000	UNIT	04-156-000	ZJ				
1128-158-433	10SE230T	1124-000	UNIT	04-156-001	ZJ				
NC	002								
1128-158-435	10SE227C	1124-000	UNIT	04-156-003	ZJ				
1128-158-436	10SE226T	1124-000	UNIT	04-156-004	ZJ				
NC	005								
1128-158-438	10SE223C	1124-000	UNIT	04-156-006	ZJ				
1128-158-439	10SE222T	1124-000	UNIT	04-156-007	ZJ				
NC	008								
1128-158-441	10SE219C	1124-000	UNIT	04-156-009	ZJ				
1128-158-442	10SE218T	1124-000	UNIT	04-156-010	ZJ				
NC	010								
NC	011								
NC	012								
NC	013								

AP FIG 19 CAD 140

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1	1128-156	JACK/UNIT	(EBU).....						
NC	014								
NC	015								
NC	016								
NC	017								
NC	018								
NC	019								
NC	020								
NC	021								
NC	022								
NC	023								
NC	024								

J1		1128-155	JACK/UNIT	(EBU)	
1128-158-332	10SE231T	000	10SE231T 1124-000 UNIT	04-155-000	ZJ
	NC	001			
1128-158-334	10SE228C	002	10SE228C 1124-000 UNIT	04-155-002	ZJ
1128-158-335	10SE227T	003	10SE227T 1124-000 UNIT	04-155-003	ZJ
	NC	004			
1128-158-337	10SE224C	005	10SE224C 1124-000 UNIT	04-155-005	ZJ
1128-158-338	10SE223T	006	10SE223T 1124-000 UNIT	04-155-006	ZJ
	NC	007			
1128-158-340	10SE220C	008	10SE220C 1124-000 UNIT	04-155-008	ZJ
1128-158-341	10SE219T	009	10SE219T 1124-000 UNIT	04-155-009	ZJ
	NC	010			
1128-158-343	10SE216C	011	10SE216C 1124-000 UNIT	04-155-011	ZJ
	NC	012			
	NC	013			
	NC	014			
	NC	015			
	NC	016			
	NC	017			
	NC	018			
	NC	019			
	NC	020			
	NC	021			
	NC	022			
	NC	023			
	NC	024			

AP FIG 19 CAD 140
(CONT'D)

AP FIG 19 CAD 140
(CONT'D)

AP FIG 19 CAD 141
(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	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
1128-158-246 10SE213C 200 NC										1128-158-546 10SE214C 514 10SE214C 1124-000 UNIT 04-158-514 ZJ										045-028-332 0ESE231T 000 0ESE231T 041-000 UNIT 04-035-000 ZJ										045-028-334 0ESE228C 002 0ESE228C 041-000 UNIT 04-035-002 ZJ									
1128-158-247 10SE212T 201 NC										1128-158-547 10SE213T 515 10SE213T 1124-000 UNIT 04-158-515 ZJ										045-028-335 0ESE227T 003 0ESE227T 041-000 UNIT 04-035-003 ZJ										045-028-337 0ESE224C 005 0ESE224C 041-000 UNIT 04-035-005 ZJ									
1128-158-249 10SE209C 202 NC										1128-158-549 10SE210C 517 10SE210C 1124-000 UNIT 04-158-517 ZJ										045-028-338 0ESE223T 006 0ESE223T 041-000 UNIT 04-035-006 ZJ										045-028-340 0ESE220C 008 0ESE220C 041-000 UNIT 04-035-008 ZJ									
1128-158-250 10SE208T 203 NC										1128-158-550 10SE209T 518 10SE209T 1124-000 UNIT 04-158-518 ZJ										045-028-341 0ESE219T 009 0ESE219T 041-000 UNIT 04-035-009 ZJ										045-028-343 0ESE216C 011 0ESE216C 041-000 UNIT 04-035-011 ZJ									
1128-158-252 10SE205C 204 NC										1128-158-552 10SE206C 520 10SE206C 1124-000 UNIT 04-158-520 ZJ										045-028-345 0ESE215C 013 0ESE215C 041-000 UNIT 04-035-013 ZJ										045-028-347 0ESE212C 015 0ESE212C 041-000 UNIT 04-035-015 ZJ									
1128-158-253 10SE204T 205 NC										1128-158-553 10SE205T 521 10SE205T 1124-000 UNIT 04-158-521 ZJ										045-028-348 0ESE214C 016 0ESE214C 041-000 UNIT 04-035-016 ZJ										045-028-350 0ESE211C 018 0ESE211C 041-000 UNIT 04-035-018 ZJ									
1128-158-255 10SE201C 206 NC										1128-158-555 10SE202C 522 10SE202C 1124-000 UNIT 04-158-522 ZJ										045-028-351 0ESE210C 019 0ESE210C 041-000 UNIT 04-035-019 ZJ										045-028-353 0ESE207T 021 0ESE207T 041-000 UNIT 04-035-021 ZJ									
1128-158-256 10SE200T 207 NC										1128-158-556 10SE201T 523 10SE201T 1124-000 UNIT 04-158-523 ZJ										045-028-354 0ESE206C 022 0ESE206C 041-000 UNIT 04-035-022 ZJ										045-028-356 0ESE203C 024 0ESE203C 041-000 UNIT 04-035-024 ZJ									
1128-158-345 10SE215T 313 10SE215T 1124-000 UNIT 04-158-313 ZJ										045-028-533 0ESE230C 000 0ESE230C 041-000 UNIT 04-037-001 ZJ										045-028-233 0ESE229C 001 0ESE229C 041-000 UNIT 04-034-001 ZJ										045-028-234 0ESE228T 002 0ESE228T 041-000 UNIT 04-034-002 ZJ									
1128-158-347 10SE212C 314 10SE212C 1124-000 UNIT 04-158-315 ZJ										045-028-534 0ESE229T 002 0ESE229T 041-000 UNIT 04-037-002 ZJ										045-028-235 0ESE225C 003 0ESE225C 041-000 UNIT 04-034-003 ZJ										045-028-237 0ESE224T 004 0ESE224T 041-000 UNIT 04-034-004 ZJ									
1128-158-348 10SE211T 315 10SE211T 1124-000 UNIT 04-158-316 ZJ										045-028-536 0ESE226C 004 0ESE226C 041-000 UNIT 04-037-004 ZJ										045-028-239 0ESE221C 005 0ESE221C 041-000 UNIT 04-034-005 ZJ										045-028-240 0ESE220T 006 0ESE220T 041-000 UNIT 04-034-006 ZJ									
1128-158-350 10SE208C 316 10SE208C 1124-000 UNIT 04-158-317 ZJ										045-028-537 0ESE225T 005 0ESE225T 041-000 UNIT 04-037-005 ZJ										045-028-242 0ESE217C 007 0ESE217C 041-000 UNIT 04-034-007 ZJ										045-028-243 0ESE216T 008 0ESE216T 041-000 UNIT 04-034-008 ZJ									
1128-158-351 10SE207T 317 10SE207T 1124-000 UNIT 04-158-318 ZJ										045-028-539 0ESE222C 006 0ESE222C 041-000 UNIT 04-037-006 ZJ										045-028-244 0ESE215C 009 0ESE215C 041-000 UNIT 04-034-009 ZJ										045-028-245 0ESE214C 010 0ESE214C 041-000 UNIT 04-034-010 ZJ									
1128-158-353 10SE204C 318 10SE204C 1124-000 UNIT 04-158-319 ZJ										045-028-540 0ESE221T 007 0ESE221T 041-000 UNIT 04-037-007 ZJ										045-028-246 0ESE213C 011 0ESE213C 041-000 UNIT 04-034-011 ZJ										045-028-247 0ESE212C 012 0ESE212C 041-000 UNIT 04-034-012 ZJ									
1128-158-354 10SE203T 319 10SE203T 1124-000 UNIT 04-158-320 ZJ										045-028-542 0ESE218C 008 0ESE218C 041-000 UNIT 04-037-008 ZJ										045-028-248 0ESE211C 013 0ESE211C 041-000 UNIT 04-034-013 ZJ										045-028-249 0ESE210C 014 0ESE210C 041-000 UNIT 04-034-014 ZJ									
1128-158-356 10SE200C 320 10SE200C 1124-000 UNIT 04-158-321 ZJ										045-028-543 0ESE217T 009 0ESE217T 041-000 UNIT 04-037-009 ZJ										045-028-250 0ESE209C 015 0ESE209C 041-000 UNIT 04-034-015 ZJ										045-028-251 0ESE208C 016 0ESE208C 041-000 UNIT 04-034-016 ZJ									
1128-158-445 10SE215C 413 10SE215C 1124-000 UNIT 04-158-413 ZJ										045-028-432 0ESE231C 000 0ESE231C 041-000 UNIT 04-036-000 ZJ										045-028-433 0ESE230T 001 0ESE230T 041-000 UNIT 04-036-001 ZJ										045-028-434 0ESE227C 002 0ESE227C 041-000 UNIT 04-036-002 ZJ									
1128-158-446 10SE214T 414 10SE214T 1124-000 UNIT 04-158-414 ZJ										045-028-433 0ESE230T 001 0ESE230T 041-000 UNIT 04-036-001 ZJ										045-028-435 0ESE226T 003 0ESE226T 041-000 UNIT 04-036-003 ZJ										045-028-436 0ESE225C 004 0ESE225C 041-000 UNIT 04-036-004 ZJ									
1128-158-448 10SE211C 415 10SE211C 1124-000 UNIT 04-158-415 ZJ										045-028-436 0ESE226T 004 0ESE226T 041-000 UNIT 04-036-004 ZJ										045-028-438 0ESE223C 005 0ESE223C 041-000 UNIT 04-036-005 ZJ										045-028-439 0ESE222T 006 0ESE222T 041-000 UNIT 04-036-006 ZJ									
1128-158-449 10SE210T 416 10SE210T 1124-000 UNIT 04-158-416 ZJ										045-028-438 0ESE223C 006 0ESE223C 041-000 UNIT 04-036-006 ZJ										045-028-441 0ESE219C 007 0ESE219C 041-000 UNIT 04-036-007 ZJ										045-028-442 0ESE218T 008 0ESE218T 041-000 UNIT 04-036-008 ZJ									
1128-158-451 10SE207C 417 10SE207C 1124-000 UNIT 04-158-417 ZJ										045-028-439 0ESE222T 007 0ESE222T 041-000 UNIT 04-036-007 ZJ										045-028-443 0ESE217C 009 0ESE217C 041-000 UNIT 04-036-009 ZJ										045-028-444 0ESE216C 010 0ESE216C 041-000 UNIT 04-036-010 ZJ									
1128-158-452 10SE206T 418 10SE206T 1124-000 UNIT 04-158-418 ZJ										045-028-441 0ESE219C 009 0ESE219C 041-000 UNIT 04-036-009 ZJ										045-028-445 0ESE215C 011 0ESE215C 041-000 UNIT 04-036-011 ZJ										045-028-446 0ESE214C 012 0ESE214C 041-000 UNIT 04-036-012 ZJ									
1128-158-454 10SE203C 419 10SE203C 1124-000 UNIT 04-158-419 ZJ										045-028-442 0ESE218T 010 0ESE218T 041-000 UNIT 04-036-010 ZJ										045-028-447 0ESE213C 013 0ESE213C 041-000 UNIT 04-036-013 ZJ										045-028-448 0ESE212C 014 0ESE212C 041-000 UNIT 04-036-014 ZJ									
1128-158-455 10SE202T 420 10SE202T 1124-000 UNIT 04-158-420 ZJ										045-028-443 0ESE217C 011 0ESE217C 041-000 UNIT 04-036-011 ZJ										045-028-449 0ESE210C 015 0ESE210C 041-000 UNIT 04-036-015 ZJ										045-028-450 0ESE209C 016 0ESE209C 041-000 UNIT 04-036-016 ZJ									
1128-158-456 10SE201C 421 10SE201C 1124-000 UNIT 04-158-421 ZJ										045-028-444 0ESE216C 012 0ESE216C 041-000 UNIT 04-036-012 ZJ										045-028-451 0ESE208C 017 0ESE208C 041-000 UNIT 04-036-017 ZJ										045-028-452 0ESE207C 018 0ESE207C 041-000 UNIT 04-036-018 ZJ									
1128-158-457 10SE200C 422 10SE200C 1124-000 UNIT 04-158-422 ZJ										045-028-445 0ESE215C 013 0ESE215C 041-000 UNIT 04-036-013 ZJ										045-028-453 0ESE206C 019 0ESE206C 041-000 UNIT 04-036-019 ZJ										045-028-454 0ESE205C 020 0ESE205C 041-000 UNIT 04-036-020 ZJ									
1128-158-458 10SE200C 423 10SE200C 1124-000 UNIT 04-158-423 ZJ										045-028-446 0ESE214C 014 0ESE214C 041-000 UNIT 04-036-014 ZJ										045-028-455 0ESE204C 021 0ESE204C 041-000 UNIT 04-036-021 ZJ										045-028-456 0ESE203C 022 0ESE203C 041-000 UNIT 04-036-022 ZJ									
1128-158-459 10SE200C 424 10SE200C 1124-000 UNIT 04-158-424 ZJ										045-028-447 0ESE213C 015 0ESE213C 041-000 UNIT 04-036-015 ZJ										045-028-457 0ESE203C 023 0ESE203C 041-000 UNIT 04-036-023 ZJ										045-028-458 0ESE202C 024 0ESE202C 041-000 UNIT 04-036-024 ZJ									
1128-158-460 10SE200C 425 10SE200C 1124-000 UNIT 04-158-425 ZJ										045-028-448 0ESE212C 016 0ESE212C 041-000 UNIT 04-036-016 ZJ										045-028-459 0ESE202C 025 0ESE202C 041-000 UNIT 04-036-025 ZJ										045-028-460 0ESE201C 026 0ESE201C 041-000 UNIT 04-036-026 ZJ									
1128-158-461 10SE200C 426 10SE200C 1124-000 UNIT 04-158-426 ZJ										045-028-449 0ESE211C 017 0ESE211C 041-000 UNIT 04-036-017 ZJ										045-028-461 0ESE201C 027 0ESE201C 041-000 UNIT 04-036-027 ZJ										045-028-462 0ESE200C 028 0ESE200C 041-000 UNIT 04-036-028 ZJ									
1128-158-462 10SE200C 427 10SE200C 1124-000 UNIT 04-158-427 ZJ										045-028-450 0ESE210C 018 0ESE210C 041-000 UNIT 04-036-018 ZJ										045-028-463 0ESE200C 029 0ESE200C 041-000 UNIT 04-036-029 ZJ										045-028-464 0ESE200C 030 0ESE200C 041-000 UNIT 04-036-030 ZJ									
1128-158-463 10SE200C 428 10SE200C 1124-000 UNIT 04-158-428 ZJ										045-028-451 0ESE209C 019 0ESE209C 041-000 UNIT 04-036-019 ZJ										045-028-465 0ESE200C 031 0ESE200C 041-000 UNIT 04-036-031 ZJ										045-028-466 0ESE200C 032 0ESE200C 041-000 UNIT 04-036-032 ZJ									
1128-158-464 10SE200C 429 10SE200C 1124-000 UNIT 04-158-429 ZJ										045-028-452 0ESE208C 020 0ESE208C 041-000 UNIT 04-036-020 ZJ										045-028-467 0ESE200C 033 0ESE200C 041-000 UNIT 04-036-033 ZJ										045-028-468 0ESE200C 034 0ESE200C 041-000 UNIT 04-036-034 ZJ									
1128-158-465 10SE200C 430 10SE200C 1124-000 UNIT 04-158-430 ZJ										045-028-453 0ESE207C 021 0ESE207C 041-000 UNIT 04-036-021 ZJ										045-028-469 0ESE200C 035 0ESE200C 041-000 UNIT 04-036-035 ZJ										045-028-470 0ESE200C 036 0ESE200C 041-000 UNIT 04-036-036 ZJ									
1128-158-466 10SE200C 431 10SE200C 1124-000 UNIT 04-158-431 ZJ										045-028-454 0ESE206C 022 0ESE206C 041-000 UNIT 04-036-022 ZJ										045-028-471 0ESE200C 037 0ESE200C 041-000 UNIT 04-036-037 ZJ										045-028-472									

AP FIG 19 CAD 142
(CONT'D)

[illegible]

ECL-BUS UNIT RECEIVE DATA, BAY 1 AS LAST CABINET

TO CONNECTION				FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOT		
.....J1				145-037	JACK/UNIT	(EBU).....					
145-022-533	NC			000							
145-022-534	0ESE130C			001	0ESE130C	141-000 UNIT	04-037-001	ZG			
	0ESE129T			002	0ESE129T	141-000 UNIT	04-037-002	ZG			
	NC			003							
145-022-536	0ESE126C			004	0ESE126C	141-000 UNIT	04-037-004	ZG			
145-022-537	0ESE123T			005	0ESE123T	141-000 UNIT	04-037-005	ZG			
	NC			006							
145-022-539	0ESE122C			007	0ESE122C	141-000 UNIT	04-037-007	ZG			
145-022-540	0ESE121T			008	0ESE121T	141-000 UNIT	04-037-008	ZG			
	NC			009							
145-022-542	0ESE118C			010	0ESE118C	141-000 UNIT	04-037-010	ZG			
145-022-543	0ESE117T			011	0ESE117T	141-000 UNIT	04-037-011	ZG			
	NC			012							
	NC			013							
	NC			014							
	NC			015							
	NC			016							
	NC			017							
	NC			018							
	NC			019							
	NC			020							
	NC			021							
	NC			022							
	NC			023							
	NC			024							
.....J1				145-036	JACK/UNIT	(EBU).....					
145-022-432	0ESE131C			000	0ESE131C	141-000 UNIT	04-036-000	ZG			
145-022-433	0ESE130T			001	0ESE130T	141-000 UNIT	04-036-001	ZG			
	NC			002							
145-022-435	0ESE127C			003	0ESE127C	141-000 UNIT	04-036-003	ZG			
145-022-436	0ESE126T			004	0ESE126T	141-000 UNIT	04-036-004	ZG			
	NC			005							
145-022-438	0ESE123C			006	0ESE123C	141-000 UNIT	04-036-006	ZG			
145-022-439	0ESE122T			007	0ESE122T	141-000 UNIT	04-036-007	ZG			
	NC			008							
145-022-441	0ESE119C			009	0ESE119C	141-000 UNIT	04-036-009	ZG			
145-022-442	0ESE118T			010	0ESE118T	141-000 UNIT	04-036-010	ZG			
	NC			011							
	NC			012							
	NC			013							
	NC			014							
	NC			015							
	NC			016							
	NC			017							
	NC			018							
	NC			019							
	NC			020							
	NC			021							
	NC			022							
	NC			023							
	NC			024							
.....J1				145-035	JACK/UNIT	(EBU).....					
145-022-332	0ESE131T			000	0ESE131T	141-000 UNIT	04-035-000	ZG			
	NC			001							
145-022-334	0ESE128C			002	0ESE128C	141-000 UNIT	04-035-002	ZG			
145-022-335	0ESE127T			003	0ESE127T	141-000 UNIT	04-035-003	ZG			
	NC			004							
145-022-337	0ESE124C			005	0ESE124C	141-000 UNIT	04-035-005	ZG			
145-022-338	0ESE123T			006	0ESE123T	141-000 UNIT	04-035-006	ZG			
	NC			007							
145-022-340	0ESE120C			008	0ESE120C	141-000 UNIT	04-035-008	ZG			
145-022-341	0ESE119T			009	0ESE119T	141-000 UNIT	04-035-009	ZG			
	NC			010							
145-022-343	0ESE116C			011	0ESE116C	141-000 UNIT	04-035-011	ZG			
	NC			012							
	NC			013							
	NC			014							
	NC			015							
	NC			016							
	NC			017							
	NC			018							
	NC			019							
	NC			020							
	NC			021							
	NC			022							
	NC			023							
	NC			024							

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOT
.....J1				145-034	JACK/UNIT	(EBU).....			
	NC			000					
145-022-233	0ESE129C			001	0ESE129C 141-000	UNIT	04-034-001	ZG	
145-022-234	0ESE128T			002	0ESE128T 141-000	UNIT	04-034-002	ZG	
	NC			003					
145-022-236	0ESE125C			004	0ESE125C 141-000	UNIT	04-034-004	ZG	
145-022-237	0ESE124T			005	0ESE124T 141-000	UNIT	04-034-005	ZG	
	NC			006					
145-022-239	0ESE121C			007	0ESE121C 141-000	UNIT	04-034-007	ZG	
145-022-240	0ESE120T			008	0ESE120T 141-000	UNIT	04-034-008	ZG	
	NC			009					
145-022-242	0ESE117C			010	0ESE117C 141-000	UNIT	04-034-010	ZG	
145-022-243	0ESE116T			011	0ESE116T 141-000	UNIT	04-034-011	ZG	
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
.....J1				145-028	JACK/UNIT	(EBU).....			
	NC			200					
	NC			201					
	NC			202					
	NC			203					
	NC			204					
	NC			205					
	NC			206					
	NC			207					
	NC			208					
	NC			209					
	NC			210					
	NC			211					
	NC			212					
	NC			213					
145-022-246	0ESE113C			214	0ESE113C 141-000	UNIT	04-028-214	ZG	
145-022-247	0ESE112T			215	0ESE112T 141-000	UNIT	04-028-215	ZG	
	NC			216					
145-022-249	0ESE109C			217	0ESE109C 141-000	UNIT	04-028-217	ZG	
145-022-250	0ESE108T			218	0ESE108T 141-000	UNIT	04-028-218	ZG	
	NC			219					
145-022-252	0ESE105C			220	0ESE105C 141-000	UNIT	04-028-220	ZG	
145-022-253	0ESE104T			221	0ESE104T 141-000	UNIT	04-028-221	ZG	
	NC			222					
145-022-255	0ESE101C			223	0ESE101C 141-000	UNIT	04-028-223	ZG	
145-022-256	0ESE100T			224	0ESE100T 141-000	UNIT	04-028-224	ZG	
	NC			300					
	NC			301					
	NC			302					
	NC			303					
	NC			304					
	NC			305					
	NC			306					
	NC			307					
	NC			308					
	NC			309					
	NC			310					
	NC			311					
	NC			312					
145-022-345	0ESE115T			313	0ESE115T 141-000	UNIT	04-028-313	ZG	
	NC			314					
145-022-347	0ESE112C			315	0ESE112C 141-000	UNIT	04-028-315	ZG	
145-022-348	0ESE111T			316	0ESE111T 141-000	UNIT	04-028-316	ZG	
	NC			317					
145-022-350	0ESE108C			318	0ESE108C 141-000	UNIT	04-028-318	ZG	
145-022-351	0ESE107T			319	0ESE107T 141-000	UNIT	04-028-319	ZG	
	NC			320					
145-022-353	0ESE104C			321	0ESE104C 141-000	UNIT	04-028-321	ZG	
145-022-354	0ESE103T			322	0ESE103T 141-000	UNIT	04-028-322	ZG	
	NC			323					
145-022-356	0ESE100C			324	0ESE100C 141-000	UNIT	04-028-324	ZG	
	NC			400					
	NC			401					
	NC			402					
	NC			403					
	NC			404					
	NC			405					

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TO CONNECTION			FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				145-028 (CONT'D)	JACK/UNIT	(E8U).....			
	NC			406					
	NC			407					
	NC			408					
	NC			409					
	NC			410					
	NC			411					
	NC			412					
145-022-445	0ESE115C			413	0ESE115C 141-000	UNIT	04-028-413	ZG	
145-022-446	0ESE114T			414	0ESE114T 141-000	UNIT	04-028-414	ZG	
	NC			415					
145-022-448	0ESE111C			416	0ESE111C 141-000	UNIT	04-028-416	ZG	
145-022-449	0ESE110T			417	0ESE110T 141-000	UNIT	04-028-417	ZG	
	NC			418					
145-022-451	0ESE107C			419	0ESE107C 141-000	UNIT	04-028-419	ZG	
145-022-452	0ESE106T			420	0ESE106T 141-000	UNIT	04-028-420	ZG	
	NC			421					
145-022-454	0ESE103C			422	0ESE103C 141-000	UNIT	04-028-422	ZG	
145-022-455	0ESE102T			423	0ESE102T 141-000	UNIT	04-028-423	ZG	
	NC			424					
	NC			500					
	NC			501					
	NC			502					
	NC			503					
	NC			504					
	NC			505					
	NC			506					
	NC			507					
	NC			508					
	NC			509					
	NC			510					
	NC			511					
	NC			512					
	NC			513					
145-022-546	0ESE114C			514	0ESE114C 141-000	UNIT	04-028-514	ZG	
145-022-547	0ESE113T			515	0ESE113T 141-000	UNIT	04-028-515	ZG	
	NC			516					
145-022-549	0ESE110C			517	0ESE110C 141-000	UNIT	04-028-517	ZG	
145-022-550	0ESE109T			518	0ESE109T 141-000	UNIT	04-028-518	ZG	
	NC			519					
145-022-552	0ESE106C			520	0ESE106C 141-000	UNIT	04-028-520	ZG	
145-022-553	0ESE105T			521	0ESE105T 141-000	UNIT	04-028-521	ZG	
	NC			522					
145-022-555	0ESE102C			523	0ESE102C 141-000	UNIT	04-028-523	ZG	
145-022-556	0ESE101T			524	0ESE101T 141-000	UNIT	04-028-524	ZG	

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AP FIG 19 CAD 144

ECL-BUS UNIT RECEIVE DATA, BAY 4 AS LAST CABINET

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1	445-037	JACK/UNIT	(EBU)	.....	.....	.....	.....	.....	.....
NC	000								
NC	001								
NC	002								
NC	003								
NC	004								
NC	005								
NC	006								
NC	007								
NC	008								
NC	009								
NC	010								
NC	011								
NC	012								
445-022-551	GRD	013	GRD	441-000	UNIT	04-037-013			
445-022-552	OESE106C	014	OESE106C	441-000	UNIT	04-037-014			
445-022-553	OESE105T	015	OESE105T	441-000	UNIT	04-037-015			
445-022-554	GRD	016	GRD	441-000	UNIT	04-037-016			
445-022-555	OESE102C	017	OESE102C	441-000	UNIT	04-037-017			
445-022-556	OESE101T	018	OESE101T	441-000	UNIT	04-037-018			
445-022-545	GRD	019	GRD	441-000	UNIT	04-037-019			
445-022-546	OESE114C	020	OESE114C	441-000	UNIT	04-037-020			
445-022-547	OESE113T	021	OESE113T	441-000	UNIT	04-037-021			
445-022-548	GRD	022	GRD	441-000	UNIT	04-037-022			
445-022-549	OESE110C	023	OESE110C	441-000	UNIT	04-037-023			
445-022-550	OESE109T	024	OESE109T	441-000	UNIT	04-037-024			

.....J1	445-036	JACK/UNIT	(EBU)	.....	.....	.....	.....	.....	.....
NC	000								
NC	001								
NC	002								
NC	003								
NC	004								
NC	005								
NC	006								
NC	007								
NC	008								
NC	009								
NC	010								
NC	011								
NC	012								
445-022-451	OESE107C	013	OESE107C	441-000	UNIT	04-036-013			
445-022-452	OESE106T	014	OESE106T	441-000	UNIT	04-036-014			
NC	015								
445-022-454	OESE103C	016	OESE103C	441-000	UNIT	04-036-016			
445-022-455	OESE102T	017	OESE102T	441-000	UNIT	04-036-017			
NC	018								
445-022-443	OESE115C	019	OESE115C	441-000	UNIT	04-036-019			
445-022-446	OESE114T	020	OESE114T	441-000	UNIT	04-036-020			
445-022-447	GRD	021	GRD	441-000	UNIT	04-036-021			
445-022-448	OESE111C	022	OESE111C	441-000	UNIT	04-036-022			
445-022-449	OESE110T	023	OESE110T	441-000	UNIT	04-036-023			
NC	024								

.....J1	445-035	JACK/UNIT	(EBU)	.....	.....	.....	.....	.....	.....
NC	000								
NC	001								
NC	002								
NC	003								
NC	004								
NC	005								
NC	006								
NC	007								
NC	008								
NC	009								
NC	010								
NC	011								
NC	012								
445-022-351	OESE107T	013	OESE107T	441-000	UNIT	04-035-013			
445-022-352	GRD	014	GRD	441-000	UNIT	04-035-014			
445-022-353	OESE104C	015	OESE104C	441-000	UNIT	04-035-015			
445-022-354	OESE103T	016	OESE103T	441-000	UNIT	04-035-016			
445-022-355	GRD	017	GRD	441-000	UNIT	04-035-017			
445-022-356	OESE100C	018	OESE100C	441-000	UNIT	04-035-018			
445-022-345	OESE115T	019	OESE115T	441-000	UNIT	04-035-019			
445-022-346	GRD	020	GRD	441-000	UNIT	04-035-020			
445-022-347	OESE112C	021	OESE112C	441-000	UNIT	04-035-021			
445-022-348	OESE111T	022	OESE111T	441-000	UNIT	04-035-022			
445-022-349	GRD	023	GRD	441-000	UNIT	04-035-023			
445-022-350	OESE108C	024	OESE108C	441-000	UNIT	04-035-024			

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(CONT'D)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1	445-034	JACK/UNIT	(EBU)	.....	.....	.....	.....	.....	.....
NC	000								
NC	001								
NC	002								
NC	003								
NC	004								
NC	005								
NC	006								
NC	007								
NC	008								
NC	009								
NC	010								
NC	011								
NC	012								
NC	013								
445-022-252	OESE105C	014	OESE105C	441-000	UNIT	04-034-014			
445-022-253	OESE104T	015	OESE104T	441-000	UNIT	04-034-015			
NC	016								
445-022-255	OESE101C	017	OESE101C	441-000	UNIT	04-034-017			
445-022-256	OESE100T	018	OESE100T	441-000	UNIT	04-034-018			
445-022-245	GRD	019	GRD	441-000	UNIT	04-034-019			
445-022-246	OESE113C	020	OESE113C	441-000	UNIT	04-034-020			
445-022-247	OESE112T	021	OESE112T	441-000	UNIT	04-034-021			
NC	022								
445-022-249	OESE109C	023	OESE109C	441-000	UNIT	04-034-023			
445-022-250	OESE108T	024	OESE108T	441-000	UNIT	04-034-024			

AP FIG 1 CAD 145

ECL-BUS UNIT RECEIVE DATA, BAY 2 AS LAST CABINET

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1	245-037	JACK/UNIT	(EBU)	.....	.....	.....	.....	.....	.....
NC	000								
245-014-533	OESE030C	001	OESE030C	241-000	UNIT	04-037-001		ZF	
245-014-534	OESE029T	002	OESE029T	241-000	UNIT	04-037-002		ZF	
NC	003								
245-014-536	OESE026C	004	OESE026C	241-000	UNIT	04-037-004		ZF	
245-014-537	OESE025T	005	OESE025T	241-000	UNIT	04-037-005		ZF	
NC	006								
245-014-539	OESE022C	007	OESE022C	241-000	UNIT	04-037-007		ZF	
245-014-540	OESE021T	008	OESE021T	241-000	UNIT	04-037-008		ZF	
NC	009								
245-014-542	OESE018C	010	OESE018C	241-000	UNIT	04-037-010		ZF	
245-014-543	OESE017T	011	OESE017T	241-000	UNIT	04-037-011		ZF	
NC	012								
NC	013								
NC	014								
NC	015								
NC	016								
NC	017								
NC	018								
NC	019								
NC	020								
NC	021								
NC	022								
NC	023								
NC	024								

.....J1	245-036	JACK/UNIT	(EBU)	.....	.....	.....	.....	.....	.....
245-014-432	OESE031C	000	OESE031C	241-000	UNIT	04-036-000		ZF	
245-014-433	OESE030T	001	OESE030T	241-000	UNIT	04-036-001		ZF	
NC	002								
245-014-435	OESE027C	003	OESE027C	241-000	UNIT	04-036-003		ZF	
245-014-436	OESE026T	004	OESE026T	241-000	UNIT	04-036-004		ZF	
NC	005								
245-014-438	OESE023C	006	OESE023C	241-000	UNIT	04-036-006		ZF	
245-014-439	OESE022T	007	OESE022T	241-000	UNIT	04-036-007		ZF	
NC	008								
245-014-441	OESE019C	009	OESE019C	241-000	UNIT	04-036-009		ZF	
245-014-442	OESE018T	010	OESE018T	241-000	UNIT	04-036-010		ZF	
NC	011								
NC	012								
NC	013								

AP FIG 1 CAD 145

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				245-036 (CONT'D)	JACK/UNIT	(EBU)	.....		
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
.....J1				245-035	JACK/UNIT	(EBU)	.....		
245-014-332	OESE031T		000	OESE031T	241-000	UNIT	04-035-000	ZF	
	NC		001						
245-014-334	OESE028C		002	OESE028C	241-000	UNIT	04-035-002	ZF	
245-014-335	OESE027T		003	OESE027T	241-000	UNIT	04-035-003	ZF	
	NC		004						
245-014-337	OESE024C		005	OESE024C	241-000	UNIT	04-035-005	ZF	
245-014-338	OESE023T		006	OESE023T	241-000	UNIT	04-035-006	ZF	
	NC		007						
245-014-340	OESE020C		008	OESE020C	241-000	UNIT	04-035-008	ZF	
245-014-341	OESE019T		009	OESE019T	241-000	UNIT	04-035-009	ZF	
	NC		010						
245-014-343	OESE016C		011	OESE016C	241-000	UNIT	04-035-011	ZF	
	NC		012						
	NC		013						
	NC		014						
	NC		015						
	NC		016						
	NC		017						
	NC		018						
	NC		019						
	NC		020						
	NC		021						
	NC		022						
	NC		023						
	NC		024						

AP FIG 1 CAD 145 (CONT'D)										AP FIG 1 CAD 145 (CONT'D)										AP FIG 1 CAD 146 (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
.....J1										J1										J1									
245-028 JACK/UNIT (EBU).....										245-028 (CONT'D) JACK/UNIT (EBU).....										945-156 (CONT'D) JACK/UNIT (EBU).....									
NC				200						NC				510						NC				023					
NC				201						NC				511						NC				024					
NC				202						NC				512						NC									
NC				203						NC				513						NC									
NC				204						NC				514	0E0E014C 241-000	UNIT	04-028-514	ZF		NC									
NC				205						NC				515	0E0E013T 241-000	UNIT	04-028-515	ZF		NC									
NC				206						NC				516						NC									
NC				207						NC				517	0E0E010C 241-000	UNIT	04-028-517	ZF		945-170-332	1E0E031T			000	1E0E031T 941-000	UNIT	04-155-000	ZF	
NC				208						NC				518	0E0E009T 241-000	UNIT	04-028-518	ZF		945-170-334	1E0E028C			001	1E0E028C 941-000	UNIT	04-155-002	ZF	
NC				209						NC				519	0E0E009T 241-000	UNIT	04-028-519	ZF		945-170-335	1E0E027T			002	1E0E027T 941-000	UNIT	04-155-003	ZF	
NC				210						NC				520	0E0E006C 241-000	UNIT	04-028-520	ZF		945-170-337	1E0E024C			003	1E0E024C 941-000	UNIT	04-155-005	ZF	
NC				211						NC				521	0E0E005T 241-000	UNIT	04-028-521	ZF		945-170-338	1E0E023T			004	1E0E023T 941-000	UNIT	04-155-006	ZF	
NC				212						NC				522						NC				005	1E0E020C 941-000	UNIT	04-155-008	ZF	
245-014-246	0E0E013C			214	0E0E013C 241-000	UNIT	04-028-214	ZF		245-014-546	0E0E014C			523	0E0E002C 241-000	UNIT	04-028-523	ZF		945-170-340	1E0E020C			006	1E0E020C 941-000	UNIT	04-155-009	ZF	
245-014-247	0E0E012T			215	0E0E012T 241-000	UNIT	04-028-215	ZF		245-014-547	0E0E013T			524	0E0E001T 241-000	UNIT	04-028-524	ZF		945-170-341	1E0E019T			007	1E0E019T 941-000	UNIT	04-155-011	ZF	
NC				216						NC										NC				008	1E0E016C 941-000	UNIT	04-155-011	ZF	
245-014-249	0E0E009C			217	0E0E009C 241-000	UNIT	04-028-217	ZF		NC										NC				009					
245-014-250	0E0E008T			218	0E0E008T 241-000	UNIT	04-028-218	ZF		NC										NC				010					
NC				219						NC										NC				011					
245-014-252	0E0E005C			220	0E0E005C 241-000	UNIT	04-028-220	ZF		245-014-552	0E0E006C									NC				012					
245-014-253	0E0E004T			221	0E0E004T 241-000	UNIT	04-028-221	ZF		245-014-553	0E0E005T									NC				013					
NC				222						NC										NC				014					
245-014-255	0E0E001C			223	0E0E001C 241-000	UNIT	04-028-223	ZF		245-014-555	0E0E002C									NC				015					
245-014-256	0E0E000T			224	0E0E000T 241-000	UNIT	04-028-224	ZF		245-014-556	0E0E001T									NC				016					
NC				300						NC										NC				017					
NC				301						NC										NC				018					
NC				302						NC										NC				019					
NC				303						NC										NC				020					
NC				304						NC										NC				021					
NC				305						NC										NC				022					
NC				306						NC										NC				023					
NC				307						NC										NC				024					
NC				308						NC										NC									
NC				309						NC										NC									
NC				310						NC										NC									
NC				311						NC										NC									
NC				312						NC										NC									
245-014-345	0E0E015T			313	0E0E015T 241-000	UNIT	04-028-313	ZF		945-170-533	NC			000						945-170-233	1E0E029C			001	1E0E029C 941-000	UNIT	04-154-001	ZF	
NC				314						945-170-534	1E0E029T			001	1E0E029T 941-000	UNIT	04-157-002	ZF		945-170-234	1E0E028T			002	1E0E028T 941-000	UNIT	04-154-002	ZF	
245-014-347	0E0E012C			315	0E0E012C 241-000	UNIT	04-028-315	ZF		NC				003						NC				003	1E0E025C 941-000	UNIT	04-154-004	ZF	
245-014-348	0E0E011T			316	0E0E011T 241-000	UNIT	04-028-316	ZF		945-170-536	1E0E026C			004	1E0E026C 941-000	UNIT	04-157-004	ZF		945-170-236	1E0E025C			004	1E0E025C 941-000	UNIT	04-154-005	ZF	
NC				317						945-170-537	1E0E025T			005	1E0E025T 941-000	UNIT	04-												

AP FIG 1 CAD 146 (CONT'D)										AP FIG 1 CAD 146 (CONT'D)										AP FIG 19 CAD 147 (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
J1 945-170 JACK/UNIT (EBU).....										J1 945-170 (CONT'D) JACK/UNIT (EBU).....										J1 745-156 (CONT'D) JACK/UNIT (EBU).....									
NC				200						NC				510						745-164-449	1E010T				023	1E010T 741-000 UNIT	04-156-023		
NC				201						NC				511						NC					024				
NC				202						NC				512						NC									
NC				203						NC				513						NC									
NC				204						NC				514	1E014C 941-000 UNIT	04-170-514	ZF			NC									
NC				205						945-170-546	1E014C			515	1E013T 941-000 UNIT	04-170-515	ZF			NC									
NC				206						945-170-547	1E013T			516						NC									
NC				207						NC				517	1E010C 941-000 UNIT	04-170-517	ZF			NC									
NC				208						945-170-549	1E010C			518	1E009T 941-000 UNIT	04-170-518	ZF			NC									
NC				209						945-170-550	1E009T			519						NC									
NC				210						NC				520	1E004C 941-000 UNIT	04-170-520	ZF			NC									
NC				211						945-170-552	1E004C			521	1E005T 941-000 UNIT	04-170-521	ZF			NC									
NC				212						945-170-553	1E005T			522						NC									
NC				213						NC				523	1E002C 941-000 UNIT	04-170-523	ZF			NC									
945-170-246	1E013C			214	1E013C 941-000 UNIT	04-170-214	ZF			945-170-555	1E002C			524	1E001T 941-000 UNIT	04-170-524	ZF			NC									
945-170-247	1E012T			215	1E012T 941-000 UNIT	04-170-215	ZF			945-170-556	1E001T									NC									
NC				216																NC									
945-170-249	1E009C			217	1E009C 941-000 UNIT	04-170-217	ZF													NC									
945-170-250	1E008T			218	1E008T 941-000 UNIT	04-170-218	ZF													NC									
NC				219						NC										NC									
945-170-252	1E005C			220	1E005C 941-000 UNIT	04-170-220	ZF													NC									
945-170-253	1E004T			221	1E004T 941-000 UNIT	04-170-221	ZF													NC									
NC				222						NC										NC									
945-170-255	1E001C			223	1E001C 941-000 UNIT	04-170-223	ZF													NC									
945-170-256	1E000T			224	1E000T 941-000 UNIT	04-170-224	ZF													NC									
NC				300																NC									
NC				301																NC									
NC				302																NC									
NC				303																NC									
NC				304																NC									
NC				305																NC									
NC				306																NC									
NC				307																NC									
NC				308																NC									
NC				309																NC									
NC				310																NC									
NC				311																NC									
NC				312																NC									
945-170-345	1E015T			313	1E015T 941-000 UNIT	04-170-313	ZF													NC									
NC				314																NC									
945-170-347	1E012C			315	1E012C 941-000 UNIT	04-170-315	ZF													NC									
945-170-348	1E011T			316	1E011T 941-000 UNIT	04-170-316	ZF													NC									
NC				317																NC									
945-170-350	1E008C			318	1E008C 941-000 UNIT	04-170-318	ZF													NC									
945-170-351	1E007T			319	1E007T 941-000 UNIT	04-170-319	ZF													NC									
NC				320																NC									
945-170-353	1E004C			321	1E004C 941-000 UNIT	04-170-321	ZF													NC									
945-170-354	1E003T			322	1E003T 941-000 UNIT	04-170-322	ZF													NC									
NC				323																NC									
945-170-356	1E000C			324</																									

ECL-BUS UNIT RECEIVE DATA, BAY 10 AS LAST CABINET

	TO CONNECTION				FROM CONNECTION				
	DESTINATION	LEAD DESIG	METHOD	WIPE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OR
A	J1				1045-157	JACK/UNIT (EBU).....			
B	1045-164-533	NC			000				
	1045-164-534	1ESE130C			001	1ESE130C	1041-000 UNIT	04-157-001	ZG
		1ESE129T			002	1ESE129T	1041-000 UNIT	04-157-002	ZG
		NC			003				
	1045-164-536	1ESE126C			004	1ESE126C	1041-000 UNIT	04-157-004	ZG
	1045-164-537	1ESE125T			005	1ESE125T	1041-000 UNIT	04-157-005	ZG
		NC			006				
	1045-164-539	1ESE122C			007	1ESE122C	1041-000 UNIT	04-157-007	ZG
	1045-164-540	1ESE121T			008	1ESE121T	1041-000 UNIT	04-157-008	ZG
		NC			009				
C	1045-164-542	1ESE118C			010	1ESE118C	1041-000 UNIT	04-157-010	ZG
	1045-164-543	1ESE117T			011	1ESE117T	1041-000 UNIT	04-157-011	ZG
		NC			012				
		NC			013				
		NC			014				
		NC			015				
		NC			016				
		NC			017				
		NC			018				
		NC			019				
D		NC			020				
		NC			021				
		NC			022				
		NC			023				
		NC			024				
	J1				1045-156	JACK/UNIT (EBU).....			
	1045-164-432	1ESE131C			000	1ESE131C	1041-000 UNIT	04-156-000	ZG
	1045-164-433	1ESE130T			001	1ESE130T	1041-000 UNIT	04-156-001	ZG
		NC			002				
	1045-164-435	1ESE127C			003	1ESE127C	1041-000 UNIT	04-156-003	ZG
1045-164-436	1ESE126T			004	1ESE126T	1041-000 UNIT	04-156-004	ZG	
	NC			005					
1045-164-438	1ESE123C			006	1ESE123C	1041-000 UNIT	04-156-006	ZG	
1045-164-439	1ESE122T			007	1ESE122T	1041-000 UNIT	04-156-007	ZG	
	NC			008					
E	1045-164-441	1ESE119C			009	1ESE119C	1041-000 UNIT	04-156-009	ZG
	1045-164-442	1ESE118T			010	1ESE118T	1041-000 UNIT	04-156-010	ZG
		NC			011				
		NC			012				
		NC			013				
		NC			014				
		NC			015				
		NC			016				
		NC			017				
		NC			018				
F		NC			019				
		NC			020				
		NC			021				
		NC			022				
		NC			023				
		NC			024				
	J1				1045-155	JACK/UNIT (EBU).....			
	1045-164-332	1ESE131T			000	1ESE131T	1041-000 UNIT	04-155-000	ZG
		NC			001				
	1045-164-334	1ESE128C			002	1ESE128C	1041-000 UNIT	04-155-002	ZG
1045-164-335	1ESE127T			003	1ESE127T	1041-000 UNIT	04-155-003	ZG	
	NC			004					
1045-164-337	1ESE124C			005	1ESE124C	1041-000 UNIT	04-155-005	ZG	
1045-164-338	1ESE123T			006	1ESE123T	1041-000 UNIT	04-155-006	ZG	
	NC			007					
1045-164-340	1ESE120C			008	1ESE120C	1041-000 UNIT	04-155-008	ZG	
G	1045-164-341	1ESE119T			009	1ESE119T	1041-000 UNIT	04-155-009	ZG
		NC			010				
	1045-164-343	1ESE116C			011	1ESE116C	1041-000 UNIT	04-155-011	ZG
		NC			012				
		NC			013				
		NC			014				
		NC			015				
		NC			016				
		NC			017				
		NC			018				
H		NC			019				
		NC			020				
		NC			021				
		NC			022				
		NC			023				
		NC			024				

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOT
.....J1				1045-154	JACK/UNIT	(EBU).....			
	NC			000					
1045-164-233	1ESE129C			001	1ESE129C	1041-000 UNIT	04-154-001	ZG	
1045-164-234	1ESE128T			002	1ESE128T	1041-000 UNIT	04-154-002	ZG	
	NC			003					
1045-164-236	1ESE125C			004	1ESE125C	1041-000 UNIT	04-154-004	ZG	
1045-164-237	1ESE124T			005	1ESE124T	1041-000 UNIT	04-154-005	ZG	
	NC			006					
1045-164-239	1ESE121C			007	1ESE121C	1041-000 UNIT	04-154-007	ZG	
1045-164-240	1ESE120T			008	1ESE120T	1041-000 UNIT	04-154-008	ZG	
	NC			009					
1045-164-242	1ESE117C			010	1ESE117C	1041-000 UNIT	04-154-010	ZG	
1045-164-243	1ESE116T			011	1ESE116T	1041-000 UNIT	04-154-011	ZG	
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
.....J1				1045-164	JACK/UNIT	(EBU).....			
	NC			200					
	NC			201					
	NC			202					
	NC			203					
	NC			204					
	NC			205					
	NC			206					
	NC			207					
	NC			208					
	NC			209					
	NC			210					
	NC			211					
	NC			212					
	NC			213					
1045-164-246	1ESE113C			214	1ESE113C	1041-000 UNIT	04-164-214	ZG	
1045-164-247	1ESE112T			215	1ESE112T	1041-000 UNIT	04-164-215	ZG	
	NC			216					
1045-164-249	1ESE109C			217	1ESE109C	1041-000 UNIT	04-164-217	ZG	
1045-164-250	1ESE108T			218	1ESE108T	1041-000 UNIT	04-164-218	ZG	
	NC			219					
1045-164-252	1ESE105C			220	1ESE105C	1041-000 UNIT	04-164-220	ZG	
1045-164-253	1ESE104T			221	1ESE104T	1041-000 UNIT	04-164-221	ZG	
	NC			222					
1045-164-255	1ESE101C			223	1ESE101C	1041-000 UNIT	04-164-223	ZG	
1045-164-256	1ESE100T			224	1ESE100T	1041-000 UNIT	04-164-224	ZG	
	NC			300					
	NC			301					
	NC			302					
	NC			303					
	NC			304					
	NC			305					
	NC			306					
	NC			307					
	NC			308					
	NC			309					
	NC			310					
	NC			311					
	NC			312					
1045-164-345	1ESE115T			313	1ESE115T	1041-000 UNIT	04-164-313	ZG	
	NC			314					
1045-164-347	1ESE112C			315	1ESE112C	1041-000 UNIT	04-164-315	ZG	
1045-164-348	1ESE111T			316	1ESE111T	1041-000 UNIT	04-164-316	ZG	
	NC			317					
1045-164-350	1ESE108C			318	1ESE108C	1041-000 UNIT	04-164-318	ZG	
1045-164-351	1ESE107T			319	1ESE107T	1041-000 UNIT	04-164-319	ZG	
	NC			320					
1045-164-353	1ESE104C			321	1ESE104C	1041-000 UNIT	04-164-321	ZG	
1045-164-354	1ESE103T			322	1ESE103T	1041-000 UNIT	04-164-322	ZG	
	NC			323					
1045-164-356	1ESE100C			324	1ESE100C	1041-000 UNIT	04-164-324	ZG	
	NC			400					
	NC			401					
	NC			402					
	NC			403					
	NC			404					
	NC			405					

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----J1				1045-164 (CONT'D)	JACK/UNIT	(EBC)	-----		
	NC			406					
	NC			407					
	NC			408					
	NC			409					
	NC			410					
	NC			411					
	NC			412					
1045-164-445	1ESE115C			413	1ESE115C	1041-000 UNIT	04-164-413	ZG	
1045-164-446	1ESE114T			414	1ESE114T	1041-000 UNIT	04-164-414	ZG	
	NC			415					
1045-164-448	1ESE111C			416	1ESE111C	1041-000 UNIT	04-164-416	ZG	
1045-164-449	1ESE110T			417	1ESE110T	1041-000 UNIT	04-164-417	ZG	
	NC			418					
1045-164-451	1ESE107C			419	1ESE107C	1041-000 UNIT	04-164-419	ZG	
1045-164-452	1ESE106T			420	1ESE106T	1041-000 UNIT	04-164-420	ZG	
	NC			421					
1045-164-454	1ESE103C			422	1ESE103C	1041-000 UNIT	04-164-422	ZG	
1045-164-455	1ESE102T			423	1ESE102T	1041-000 UNIT	04-164-423	ZG	
	NC			424					
	NC			500					
	NC			501					
	NC			502					
	NC			503					
	NC			504					
	NC			505					
	NC			506					
	NC			507					
	NC			508					
	NC			509					
	NC			510					
	NC			511					
	NC			512					
	NC			513					
1045-164-546	1ESE114C			514	1ESE114C	1041-000 UNIT	04-164-514	ZG	
1045-164-547	1ESE113T			515	1ESE113T	1041-000 UNIT	04-164-515	ZG	
	NC			516					
1045-164-549	1ESE110C			517	1ESE110C	1041-000 UNIT	04-164-517	ZG	
1045-164-550	1ESE109T			518	1ESE109T	1041-000 UNIT	04-164-518	ZG	
	NC			519					
1045-164-552	1ESE106C			520	1ESE106C	1041-000 UNIT	04-164-520	ZG	
1045-164-553	1ESE105T			521	1ESE105T	1041-000 UNIT	04-164-521	ZG	
	NC			522					
1045-164-555	1ESE102C			523	1ESE102C	1041-000 UNIT	04-164-523	ZG	
1045-164-556	1ESE101T			524	1ESE101T	1041-000 UNIT	04-164-524	ZG	

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AP FIG 19 CAD 149

ECL-BUS UNIT RECEIVE DATA, BAY 8 AS LAST CABINET

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1					845-157	JACK/UNIT (EBU)	.....		
NC				000					
NC				001					
NC				002					
NC				003					
NC				004					
NC				005					
NC				006					
NC				007					
NC				008					
NC				009					
NC				010					
NC				011					
NC				012					
845-158-551	GRD			013	GRD	841-000 UNIT	04-157-013	ZE	
845-158-552	1E5E206C			014	1E5E206C	841-000 UNIT	04-157-014	ZE	
845-158-553	1E5E205T			015	1E5E205T	841-000 UNIT	04-157-015	ZE	
845-158-554	GRD			016	GRD	841-000 UNIT	04-157-016	ZE	
845-158-555	1E5E202C			017	1E5E202C	841-000 UNIT	04-157-017	ZE	
845-158-556	1E5E201T			018	1E5E201T	841-000 UNIT	04-157-018	ZE	
845-158-557	GRD			019	GRD	841-000 UNIT	04-157-019	ZE	
845-158-558	1E5E214C			020	1E5E214C	841-000 UNIT	04-157-020	ZE	
845-158-559	1E5E213T			021	1E5E213T	841-000 UNIT	04-157-021	ZE	
845-158-560	GRD			022	GRD	841-000 UNIT	04-157-022	ZE	
845-158-561	1E5E210C			023	1E5E210C	841-000 UNIT	04-157-023	ZE	
845-158-562	1E5E209T			024	1E5E209T	841-000 UNIT	04-157-024	ZE	

.....1					845-156	JACK/UNIT (EBU)	.....		
NC				000					
NC				001					
NC				002					
NC				003					
NC				004					
NC				005					
NC				006					
NC				007					
NC				008					
NC				009					
NC				010					
NC				011					
NC				012					
845-158-451	1E5E207C			013	1E5E207C	841-000 UNIT	04-156-013	ZE	
845-158-452	1E5E206T			014	1E5E206T	841-000 UNIT	04-156-014	ZE	
NC				015					
845-158-454	1E5E203C			016	1E5E203C	841-000 UNIT	04-156-016	ZE	
845-158-455	1E5E202T			017	1E5E202T	841-000 UNIT	04-156-017	ZE	
NC				018					
845-158-456	1E5E215C			019	1E5E215C	841-000 UNIT	04-156-019	ZE	
845-158-457	1E5E214T			020	1E5E214T	841-000 UNIT	04-156-020	ZE	
845-158-458	GRD			021	GRD	841-000 UNIT	04-156-021	ZE	
845-158-459	1E5E211C			022	1E5E211C	841-000 UNIT	04-156-022	ZE	
845-158-460	1E5E210T			023	1E5E210T	841-000 UNIT	04-156-023	ZE	
NC				024					

.....J1					845-155	JACK/UNIT (EBU)	.....		
NC				000					
NC				001					
NC				002					
NC				003					
NC				004					
NC				005					
NC				006					
NC				007					
NC				008					
NC				009					
NC				010					
NC				011					
NC				012					
845-158-351	1E5E207T			013	1E5E207T	841-000 UNIT	04-155-013	ZE	
845-158-352	GRD			014	GRD	841-000 UNIT	04-155-014	ZE	
845-158-353	1E5E204C			015	1E5E204C	841-000 UNIT	04-155-015	ZE	
845-158-354	1E5E203T			016	1E5E203T	841-000 UNIT	04-155-016	ZE	
845-158-355	GRD			017	GRD	841-000 UNIT	04-155-017	ZE	
845-158-356	1E5E200C			018	1E5E200C	841-000 UNIT	04-155-018	ZE	
845-158-357	1E5E215T			019	1E5E215T	841-000 UNIT	04-155-019	ZE	
845-158-358	GRD			020	GRD	841-000 UNIT	04-155-020	ZE	
845-158-359	1E5E212C			021	1E5E212C	841-000 UNIT	04-155-021	ZE	
845-158-360	1E5E211T			022	1E5E211T	841-000 UNIT	04-155-022	ZE	
845-158-361	GRD			023	GRD	841-000 UNIT	04-155-023	ZE	
845-158-362	1E5E208C			024	1E5E208C	841-000 UNIT	04-155-024	ZE	

AP FIG 19 CAD 149

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1					845-154	JACK/UNIT (EBU)	.....		
NC				000					
NC				001					
NC				002					
NC				003					
NC				004					
NC				005					
NC				006					
NC				007					
NC				008					
NC				009					
NC				010					
NC				011					
NC				012					
NC				013					
845-158-252	1E5E205C			014	1E5E205C	841-000 UNIT	04-154-014	ZE	
845-158-253	1E5E204T			015	1E5E204T	841-000 UNIT	04-154-015	ZE	
NC				016					
845-158-255	1E5E201C			017	1E5E201C	841-000 UNIT	04-154-017	ZE	
845-158-256	1E5E200T			018	1E5E200T	841-000 UNIT	04-154-018	ZE	
845-158-245	GRD			019	GRD	841-000 UNIT	04-154-019	ZE	
845-158-246	1E5E213C			020	1E5E213C	841-000 UNIT	04-154-020	ZE	
845-158-247	1E5E212T			021	1E5E212T	841-000 UNIT	04-154-021	ZE	
NC				022					
845-158-249	1E5E209C			023	1E5E209C	841-000 UNIT	04-154-023	ZE	
845-158-250	1E5E208T			024	1E5E208T	841-000 UNIT	04-154-024	ZE	

AP FIG 19 CAD 150

ECL-BUS UNIT RECEIVE DATA, BAY 11 AS LAST CABINET

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1					1145-157	JACK/UNIT (EBU)	.....		
NC				000					
1145-158-533	1E5E230C			001	1E5E230C	1141-000 UNIT	04-157-001	ZJ	
1145-158-534	1E5E229T			002	1E5E229T	1141-000 UNIT	04-157-002	ZJ	
NC				003					
1145-158-536	1E5E226C			004	1E5E226C	1141-000 UNIT	04-157-004	ZJ	
1145-158-537	1E5E225T			005	1E5E225T	1141-000 UNIT	04-157-005	ZJ	
NC				006					
1145-158-539	1E5E222C			007	1E5E222C	1141-000 UNIT	04-157-007	ZJ	
1145-158-540	1E5E221T			008	1E5E221T	1141-000 UNIT	04-157-008	ZJ	
NC				009					
1145-158-542	1E5E218C			010	1E5E218C	1141-000 UNIT	04-157-010	ZJ	
1145-158-543	1E5E217T			011	1E5E217T	1141-000 UNIT	04-157-011	ZJ	
NC				012					
NC				013					
NC				014					
NC				015					
NC				016					
NC				017					
NC				018					
NC				019					
NC				020					
NC				021					
NC				022					
NC				023					
NC				024					

.....J1					1145-156	JACK/UNIT (EBU)	.....		
1145-158-432	1E5E231C			000	1E5E231C	1141-000 UNIT	04-156-000	ZJ	
1145-158-433	1E5E230T			001	1E5E230T	1141-000 UNIT	04-156-001	ZJ	
NC				002					
1145-158-435	1E5E227C			003	1E5E227C	1141-000 UNIT	04-156-003	ZJ	
1145-158-436	1E5E226T			004	1E5E226T	1141-000 UNIT	04-156-004	ZJ	
NC				005					
1145-158-438	1E5E223C			006	1E5E223C	1141-000 UNIT	04-156-006	ZJ	
1145-158-439	1E5E222T			007	1E5E222T	1141-000 UNIT	04-156-007	ZJ	
NC				008					
1145-158-441	1E5E219C			009	1E5E219C	1141-000 UNIT	04-156-009	ZJ	
1145-158-442	1E5E218T			010	1E5E218T	1141-000 UNIT	04-156-010	ZJ	
NC				011					
NC				012					
NC				013					

AP FIG 19 CAD 150

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				1145-156 (CONT'D)	JACK/UNIT	(EBU).....			
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					
.....J1				1145-155	JACK/UNIT	(EBU).....			
1145-158-332	1E5E231T			000	1E5E231T	1141-000 UNIT	04-155-000	ZJ	
	NC			001					
1145-158-334	1E5E228C			002	1E5E228C	1141-000 UNIT	04-155-002	ZJ	
1145-158-335	1E5E227T			003	1E5E227T	1141-000 UNIT	04-155-003	ZJ	
	NC			004					
1145-158-337	1E5E224C			005	1E5E224C	1141-000 UNIT	04-155-005	ZJ	
1145-158-338	1E5E223T			006	1E5E223T	1141-000 UNIT	04-155-006	ZJ	
	NC			007					
1145-158-340	1E5E220C			008	1E5E220C	1141-000 UNIT	04-155-008	ZJ	
1145-158-341	1E5E219T			009	1E5E219T	1141-000 UNIT	04-155-009	ZJ	
	NC			010					
1145-158-343	1E5E216C			011	1E5E216C	1141-000 UNIT	04-155-011	ZJ	
	NC			012					
	NC			013					
	NC			014					
	NC			015					
	NC			016					
	NC			017					
	NC			018					
	NC			019					
	NC			020					
	NC			021					
	NC			022					
	NC			023					
	NC			024					

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(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1	1145-158	JACK/UNIT	(EBU)	J1	1145-158	JACK/UNIT	(EBU)
NC	200			NC	200		
NC	201			NC	201		
NC	202			NC	202		
NC	203			NC	203		
NC	204			NC	204		
NC	205			NC	205		
NC	206			NC	206		
NC	207			NC	207		
NC	208			NC	208		
NC	209			NC	209		
NC	210			NC	210		
NC	211			NC	211		
NC	212			NC	212		
NC	213			NC	213		
1145-158-246	1E5E213C			1145-158-246	1E5E213C	1141-000 UNIT	04-158-214
1145-158-247	1E5E212T			1145-158-247	1E5E212T	1141-000 UNIT	04-158-215
NC	214			NC	214		
1145-158-249	1E5E209C			1145-158-249	1E5E209C	1141-000 UNIT	04-158-217
1145-158-250	1E5E208T			1145-158-250	1E5E208T	1141-000 UNIT	04-158-218
NC	215			NC	215		
1145-158-252	1E5E205C			1145-158-252	1E5E205C	1141-000 UNIT	04-158-220
1145-158-253	1E5E204T			1145-158-253	1E5E204T	1141-000 UNIT	04-158-221
NC	216			NC	216		
1145-158-255	1E5E201C			1145-158-255	1E5E201C	1141-000 UNIT	04-158-223
1145-158-256	1E5E200T			1145-158-256	1E5E200T	1141-000 UNIT	04-158-224
NC	217			NC	217		
NC	218			NC	218		
NC	219			NC	219		
NC	220			NC	220		
NC	221			NC	221		
NC	222			NC	222		
NC	223			NC	223		
NC	224			NC	224		
NC	300			NC	300		
NC	301			NC	301		
NC	302			NC	302		
NC	303			NC	303		
NC	304			NC	304		
NC	305			NC	305		
NC	306			NC	306		
NC	307			NC	307		
NC	308			NC	308		
NC	309			NC	309		
NC	310			NC	310		
NC	311			NC	311		
NC	312			NC	312		
1145-158-345	1E5E215T			1145-158-345	1E5E215T	1141-000 UNIT	04-158-313
NC	313			NC	313		
1145-158-347	1E5E212C			1145-158-347	1E5E212C	1141-000 UNIT	04-158-315
1145-158-348	1E5E211T			1145-158-348	1E5E211T	1141-000 UNIT	04-158-316
NC	314			NC	314		
1145-158-350	1E5E208C			1145-158-350	1E5E208C	1141-000 UNIT	04-158-318
1145-158-351	1E5E207T			1145-158-351	1E5E207T	1141-000 UNIT	04-158-319
NC	315			NC	315		
1145-158-353	1E5E204C			1145-158-353	1E5E204C	1141-000 UNIT	04-158-321
1145-158-354	1E5E203T			1145-158-354	1E5E203T	1141-000 UNIT	04-158-322
NC	316			NC	316		
1145-158-356	1E5E200C			1145-158-356	1E5E200C	1141-000 UNIT	04-158-324
NC	317			NC	317		
NC	400			NC	400		
NC	401			NC	401		
NC	402			NC	402		
NC	403			NC	403		
NC	404			NC	404		
NC	405			NC	405		
NC	406			NC	406		
NC	407			NC	407		
NC	408			NC	408		
NC	409			NC	409		
NC	410			NC	410		
NC	411			NC	411		
NC	412			NC	412		
1145-158-445	1E5E215C			1145-158-445	1E5E215C	1141-000 UNIT	04-158-413
1145-158-446	1E5E214T			1145-158-446	1E5E214T	1141-000 UNIT	04-158-414
NC	413			NC	413		
1145-158-448	1E5E211C			1145-158-448	1E5E211C	1141-000 UNIT	04-158-416
1145-158-449	1E5E210T			1145-158-449	1E5E210T	1141-000 UNIT	04-158-417
NC	414			NC	414		
1145-158-451	1E5E207C			1145-158-451	1E5E207C	1141-000 UNIT	04-158-419
1145-158-452	1E5E206T			1145-158-452	1E5E206T	1141-000 UNIT	04-158-420
NC	415			NC	415		
1145-158-454	1E5E203C			1145-158-454	1E5E203C	1141-000 UNIT	04-158-422
1145-158-455	1E5E202T			1145-158-455	1E5E202T	1141-000 UNIT	04-158-423
NC	416			NC	416		
NC	417			NC	417		
NC	418			NC	418		
NC	419			NC	419		
NC	420			NC	420		
NC	421			NC	421		
NC	422			NC	422		
NC	423			NC	423		
NC	424			NC	424		
NC	500			NC	500		
NC	501			NC	501		
NC	502			NC	502		
NC	503			NC	503		
NC	504			NC	504		
NC	505			NC	505		
NC	506			NC	506		
NC	507			NC	507		
NC	508			NC	508		
NC	509			NC	509		

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(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1	1145-158	JACK/UNIT	(EBU)	J1	1145-158	JACK/UNIT	(EBU)
NC	510			NC	510		
NC	511			NC	511		
NC	512			NC	512		
NC	513			NC	513		
1145-158-546	1E5E214C			1145-158-546	1E5E214C	1141-000 UNIT	04-158-514
1145-158-547	1E5E213T			1145-158-547	1E5E213T	1141-000 UNIT	04-158-515
NC	514			NC	514		
1145-158-549	1E5E210C			1145-158-549	1E5E210C	1141-000 UNIT	04-158-517
1145-158-550	1E5E209T			1145-158-550	1E5E209T	1141-000 UNIT	04-158-518
NC	515			NC	515		
1145-158-552	1E5E206C			1145-158-552	1E5E206C	1141-000 UNIT	04-158-520
1145-158-553	1E5E205T			1145-158-553	1E5E205T	1141-000 UNIT	04-158-521
NC	516			NC	516		
1145-158-555	1E5E202C			1145-158-555	1E5E202C	1141-000 UNIT	04-158-523
1145-158-556	1E5E201T			1145-158-556	1E5E201T	1141-000 UNIT	04-158-524
NC	517			NC	517		
NC	518			NC	518		
NC	519			NC	519		
NC	520			NC	520		
NC	521			NC	521		
NC	522			NC	522		
NC	523			NC	523		
NC	524			NC	524		

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1	019-112	JACK/UNIT	(TMSUZ)	J1	019-112	JACK/UNIT	(TMSUZ)
NC	400			NC	400		
00SE231T	015-000	UNIT		00SE231T	015-000	UNIT	04-112-401
00SE230T	015-000	UNIT		00SE230T	015-000	UNIT	04-112-402
NC	401			NC	401		
00SE229T	015-000	UNIT		00SE229T	015-000	UNIT	04-112-404
00SE228T	015-000	UNIT		00SE228T	015-000	UNIT	04-112-405
NC	402			NC	402		
00SE227T	015-000	UNIT		00SE227T	015-000	UNIT	04-112-407
00SE226T	015-000	UNIT		00SE226T	015-000	UNIT	04-112-408
NC	403			NC	403		
00SE225T	015-000	UNIT		00SE225T	015-000	UNIT	04-112-410
00SE224T	015-000	UNIT		00SE224T	015-000	UNIT	04-112-411
NC	404			NC	404		
00SE223T	015-000	UNIT		00SE223T	015-000	UNIT	04-112-414
00SE222T	015-000	UNIT		00SE222T	015-000	UNIT	04-112-415
NC	405			NC	405		
00SE221T	015-000	UNIT		00SE221T	015-000	UNIT	04-112-417
00SE220T	015-000	UNIT		00SE220T	015-000	UNIT	04-112-418
NC	406			NC	406		
00SE219T	015-000	UNIT		00SE219T	015-000	UNIT	04-112-420
00SE218T	015-000	UNIT		00SE218T	015-000	UNIT	04-112-421
NC	407			NC	407		
00SE217T	015-000	UNIT		00SE217T	015-000	UNIT	04-112-423
00SE216T	015-000	UNIT		00SE216T	015-000	UNIT	04-112-424
00SE215C	015-000	UNIT		00SE215C	015-000	UNIT	04-112-500
00SE214C	015-000	UNIT		00SE214C	015-000	UNIT	04-112-501
NC	408			NC	408		
00SE229C	015-000	UNIT		00SE229C	015-000	UNIT	04-112-503
00SE228C	015-000	UNIT		00SE228C	015-000	UNIT	04-112-504
NC	409			NC	409		
00SE227C	015-000	UNIT		00SE227C	015-000	UNIT	04-112-506
00SE226C	015-000	UNIT		00SE226C	015-000	UNIT	04-112-507
NC	410			NC	410		
00SE225C	015-000	UNIT		00SE225C	015-000	UNIT	04-112-509
00SE224C	015-000	UNIT		00SE224C	015-000	UNIT	04-112-510
NC	411			NC	411		
00SE223C	015-000	UNIT		00SE223C	015-000	UNIT	04-112-513
00SE222C	015-000	UNIT		00SE222C	015-000	UNIT	04-112-514
NC	412			NC	412		
00SE221C	015-000	UNIT		00SE221C	015-000	UNIT	04-112-516
00SE220C	015-000	UNIT		00SE220C	015-000	UNIT	04-112-517
NC	413			NC	413		
00SE219C	015-000	UNIT		00SE219C	015-000	UNIT	04-112-519
00SE218C	015-000	UNIT		00SE218C	015-000	UNIT	04-112-520
NC	414			NC	414		
00SE217C	015-000	UNIT		00SE217C	015-000	UNIT	04-112-522
00SE216C	015-000	UNIT		00SE216C	015-000	UNIT	04-112-523
NC	415			NC	415		

AP FIG 19 CAD 152

ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSUZ BAY 3

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				319-112	JACK/UNIT	(TMSUZ)	.....		
	NC			400					
328-105-019	00SE215T			401	00SE215T 315-000	UNIT	04-112-401	ZE	
328-106-020	00SE214T			402	00SE214T 315-000	UNIT	04-112-402	ZE	
	NC			403				ZE	
328-107-021	00SE213T			404	00SE213T 315-000	UNIT	04-112-404	ZE	
328-104-021	00SE212T			405	00SE212T 315-000	UNIT	04-112-405	ZE	
	NC			406				ZE	
328-105-022	00SE211T			407	00SE211T 315-000	UNIT	04-112-407	ZE	
328-106-023	00SE210T			408	00SE210T 315-000	UNIT	04-112-408	ZE	
	NC			409				ZE	
328-107-024	00SE209T			410	00SE209T 315-000	UNIT	04-112-410	ZE	
328-104-024	00SE208T			411	00SE208T 315-000	UNIT	04-112-411	ZE	
	NC			413				ZE	
328-105-013	00SE207T			414	00SE207T 315-000	UNIT	04-112-414	ZE	
328-106-014	00SE206T			415	00SE206T 315-000	UNIT	04-112-415	ZE	
	NC			416				ZE	
328-107-015	00SE205T			417	00SE205T 315-000	UNIT	04-112-417	ZE	
328-104-015	00SE204T			418	00SE204T 315-000	UNIT	04-112-418	ZE	
	NC			419				ZE	
328-105-016	00SE203T			420	00SE203T 315-000	UNIT	04-112-420	ZE	
328-106-017	00SE202T			421	00SE202T 315-000	UNIT	04-112-421	ZE	
	NC			422				ZE	
328-107-018	00SE201T			423	00SE201T 315-000	UNIT	04-112-423	ZE	
328-104-018	00SE200T			424	00SE200T 315-000	UNIT	04-112-424	ZE	
328-106-019	00SE215C			500	00SE215C 315-000	UNIT	04-112-500	ZE	
328-107-020	00SE214C			501	00SE214C 315-000	UNIT	04-112-501	ZE	
	NC			502				ZE	
328-106-020	00SE213C			503	00SE213C 315-000	UNIT	04-112-503	ZE	
328-105-021	00SE212C			504	00SE212C 315-000	UNIT	04-112-504	ZE	
	NC			505				ZE	
328-106-022	00SE211C			506	00SE211C 315-000	UNIT	04-112-506	ZE	
328-107-023	00SE210C			507	00SE210C 315-000	UNIT	04-112-507	ZE	
	NC			508				ZE	
328-104-023	00SE209C			509	00SE209C 315-000	UNIT	04-112-509	ZE	
328-105-024	00SE208C			510	00SE208C 315-000	UNIT	04-112-510	ZE	
	NC			511				ZE	
328-106-013	00SE207C			513	00SE207C 315-000	UNIT	04-112-513	ZE	
328-107-014	00SE206C			514	00SE206C 315-000	UNIT	04-112-514	ZE	
	NC			515				ZE	
328-104-014	00SE205C			516	00SE205C 315-000	UNIT	04-112-516	ZE	
328-105-015	00SE204C			517	00SE204C 315-000	UNIT	04-112-517	ZE	
	NC			518				ZE	
328-106-016	00SE203C			519	00SE203C 315-000	UNIT	04-112-519	ZE	
328-107-017	00SE202C			520	00SE202C 315-000	UNIT	04-112-520	ZE	
	NC			521				ZE	
328-104-017	00SE201C			522	00SE201C 315-000	UNIT	04-112-522	ZE	
328-105-018	00SE200C			523	00SE200C 315-000	UNIT	04-112-523	ZE	
	NC			524				ZE	

ECL-BUS UNIT RECEIVE DATA, FROM LOWER THSIZ BAY 1

AP FIG 19 CAD 154									
ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSUZ BAY 4									
TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	CPT	NOTE
.....J1			419-112	JACK/UNIT	(TMSUZ).....				
428-105-019	NC		400						ZE
428-106-020	00SE115T		401	00SE115T	415-000	UNIT	04-112-401		ZE
	00SE114T		402	00SE114T	415-000	UNIT	04-112-402		ZE
	NC		403						ZE
428-107-021	00SE113T		404	00SE113T	415-000	UNIT	04-112-404		ZE
428-104-021	00SE112T		405	00SE112T	415-000	UNIT	04-112-405		ZE
	NC		406						ZE
428-105-022	00SE111T		407	00SE111T	415-000	UNIT	04-112-407		ZE
428-106-023	00SE110T		408	00SE110T	415-000	UNIT	04-112-408		ZE
	NC		409						ZE
428-107-024	00SE109T		410	00SE109T	415-000	UNIT	04-112-410		ZE
428-104-024	00SE108T		411	00SE108T	415-000	UNIT	04-112-411		ZE
	NC		413						ZE
428-105-013	00SE107T		414	00SE107T	415-000	UNIT	04-112-414		ZE
428-106-C14	00SE106T		415	00SE106T	415-000	UNIT	04-112-415		ZE
	NC		416						ZE
428-107-015	00SE105T		417	00SE105T	415-000	UNIT	04-112-417		ZE
428-104-015	00SE104T		418	00SE104T	415-000	UNIT	04-112-418		ZE
	NC		419						ZE
428-105-016	00SE103T		420	00SE103T	415-000	UNIT	04-112-420		ZE

(CONT'D)

AP FIG 1 CAD 155									
ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 2									
-----TO CONNECTION-----					-----FROM CONNECTION-----				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				219-112	JACK/UNIT	(TMSU2).....			
	NC			400					
228-109-006	00SE031T			401	00SE031T 215-000	UNIT	04-112-401		
228-110-007	00SE030T			402	00SE030T 215-000	UNIT	04-112-402		
	NC			403					
228-111-008	00SE029T			404	00SE029T 215-000	UNIT	04-112-404		
228-108-008	00SE028T			405	00SE028T 215-000	UNIT	04-112-405		
	NC			406					
228-109-009	00SE027T			407	00SE027T 215-000	UNIT	04-112-407		
228-110-010	00SE026T			408	00SE026T 215-000	UNIT	04-112-408		
	NC			409					
228-111-011	00SE025T			410	00SE025T 215-000	UNIT	04-112-410		
228-108-011	00SE024T			411	00SE024T 215-000	UNIT	04-112-411		
	NC			413					
228-109-000	00SE023T			414	00SE023T 215-000	UNIT	04-112-414		
228-110-001	00SE022T			415	00SE022T 215-000	UNIT	04-112-415		
	NC			416					
228-111-002	00SE021T			417	00SE021T 215-000	UNIT	04-112-417		
228-108-002	00SE020T			418	00SE020T 215-000	UNIT	04-112-418		
	NC			419					
228-109-003	00SE019T			420	00SE019T 215-000	UNIT	04-112-420		
228-110-004	00SE018T			421	00SE018T 215-000	UNIT	04-112-421		
	NC			422					
228-111-005	00SE017T			423	00SE017T 215-000	UNIT	04-112-423		
228-108-005	00SE016T			424	00SE016T 215-000	UNIT	04-112-424		
228-110-006	00SE031C			500	00SE031C 215-000	UNIT	04-112-500		
228-111-007	00SE030C			501	00SE030C 215-000	UNIT	04-112-501		
	NC			502					
228-108-007	00SE029C			503	00SE029C 215-000	UNIT	04-112-503		
228-109-008	00SE028C			504	00SE028C 215-000	UNIT	04-112-504		
	NC			505					
228-110-009	00SE027C			506	00SE027C 215-000	UNIT	04-112-506		
228-111-010	00SE026C			507	00SE026C 215-000	UNIT	04-112-507		
	NC			508					
228-108-010	00SE025C			509	00SE025C 215-000	UNIT	04-112-509		
228-109-011	00SE024C			510	00SE024C 215-000	UNIT	04-112-510		
	NC			511					
228-110-000	00SE023C			513	00SE023C 215-000	UNIT	04-112-513		
228-111-001	00SE022C			514	00SE022C 215-000	UNIT	04-112-514		
	NC			515					

(ECNT'D)

TO CONNECTION				FROM CONNECTION					
<u>DESTINATION</u>	<u>LEAD DESIG</u>	<u>METHOD</u>	<u>WIRE SYM</u>	<u>TERMINAL</u>	<u>LEAD DESIG</u>	<u>TERMINATION</u>	<u>TERMINAL</u>	<u>GPT</u>	<u>NOTE</u>
.....J1				219-112 (CONT'D)	JACK/UNIT	(TMSU2)			
228-108-001	00SE021C			516	00SE021C	215-000 UNIT	04-112-516		
228-109-002	00SE020C			517	00SE020C	215-000 UNIT	04-112-517		
	NC			518					
228-110-003	00SE019C			519	00SE019C	215-000 UNIT	04-112-519		
228-111-004	00SE018C			520	00SE018C	215-000 UNIT	04-112-520		
	NC			521					
228-108-004	00SE017C			522	00SE017C	215-000 UNIT	04-112-522		
228-109-005	00SE016C			523	00SE016C	215-000 UNIT	04-112-523		
	NC			524					

ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSUZ BAY 2

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				219-112	JACK/UNIT	(TMSU2)	.....		
228-109-006	NC			400					
228-110-007	00SE031T			401	00SE031T	215-000	UNIT	04-112-401	
	00SE030T			402	00SE030T	215-000	UNIT	04-112-402	
	NC			403					
228-111-008	00SE029T			404	00SE029T	215-000	UNIT	04-112-404	
228-108-008	00SE028T			405	00SE028T	215-000	UNIT	04-112-405	
	NC			406					
228-109-009	00SE027T			407	00SE027T	215-000	UNIT	04-112-407	
228-110-010	00SE026T			408	00SE026T	215-000	UNIT	04-112-408	
	NC			409					
228-111-011	00SE025T			410	00SE025T	215-000	UNIT	04-112-410	
228-108-011	00SE024T			411	00SE024T	215-000	UNIT	04-112-411	
	NC			413					
228-109-000	00SE023T			414	00SE023T	215-000	UNIT	04-112-414	
228-110-001	00SE022T			415	00SE022T	215-000	UNIT	04-112-415	
	NC			416					
228-111-002	00SE021T			417	00SE021T	215-000	UNIT	04-112-417	
228-108-002	00SE020T			418	00SE020T	215-000	UNIT	04-112-418	
	NC			419					
228-109-003	00SE019T			420	00SE019T	215-000	UNIT	04-112-420	
228-110-004	00SE018T			421	00SE018T	215-000	UNIT	04-112-421	
	NC			422					
228-111-005	00SEG17T			423	00SE017T	215-000	UNIT	04-112-423	
228-108-005	00SE016T			424	00SE016T	215-000	UNIT	04-112-424	
228-110-006	00SE031C			500	00SE031C	215-000	UNIT	04-112-500	
228-111-007	00SE030C			501	00SE030C	215-000	UNIT	04-112-501	
	NC			502					
228-108-007	00SE029C			503	00SE029C	215-000	UNIT	04-112-503	
228-109-008	00SE028C			504	00SE028C	215-000	UNIT	04-112-504	
	NC			505					
228-110-009	00SE027C			506	00SE027C	215-000	UNIT	04-112-506	
228-111-010	00SE026C			507	00SE026C	215-000	UNIT	04-112-507	
	NC			508					
228-108-010	00SE025C			509	00SE025C	215-000	UNIT	04-112-509	
228-109-011	00SE024C			510	00SE024C	215-000	UNIT	04-112-510	
	NC			511					
228-110-000	00SE023C			513	00SE023C	215-000	UNIT	04-112-513	
228-111-001	00SE022C			514	00SE022C	215-000	UNIT	04-112-514	
	NC			515					

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ECL-BUS UNIT RECEIVE DATA, FROM LOWER THSUZ BAY 5

AP FIG 1 CAD 157
ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSUZ BAY 6

(CONT'D)

ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 9

(CONT'D)

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AP FIG 19 CAD 159

ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSUZ BAY 7

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J1				719-112	JACK/UNIT (TMSUZ)				
728-113-019	NC			400	10SE115T 715-000 UNIT	04-112-401			
728-114-020	10SE114T			402	10SE114T 715-000 UNIT	04-112-402			
	NC			403					
728-115-021	10SE113T			404	10SE113T 715-000 UNIT	04-112-404			
728-112-021	10SE112T			405	10SE112T 715-000 UNIT	04-112-405			
	NC			406					
728-113-022	10SE111T			407	10SE111T 715-000 UNIT	04-112-407			
728-114-023	10SE110T			408	10SE110T 715-000 UNIT	04-112-408			
	NC			409					
728-115-024	10SE109T			410	10SE109T 715-000 UNIT	04-112-410			
728-112-024	10SE108T			411	10SE108T 715-000 UNIT	04-112-411			
	NC			413					
728-113-013	10SE107T			414	10SE107T 715-000 UNIT	04-112-414			
728-114-014	10SE106T			415	10SE106T 715-000 UNIT	04-112-415			
	NC			416					
728-115-015	10SE105T			417	10SE105T 715-000 UNIT	04-112-417			
728-112-015	10SE104T			418	10SE104T 715-000 UNIT	04-112-418			
	NC			419					
728-113-016	10SE103T			420	10SE103T 715-000 UNIT	04-112-420			
728-114-017	10SE102T			421	10SE102T 715-000 UNIT	04-112-421			
	NC			422					
728-115-018	10SE101T			423	10SE101T 715-000 UNIT	04-112-423			
728-112-018	10SE100T			424	10SE100T 715-000 UNIT	04-112-424			
728-114-019	10SE115C			500	10SE115C 715-000 UNIT	04-112-500			
728-115-020	10SE114C			501	10SE114C 715-000 UNIT	04-112-501			
	NC			502					
728-112-020	10SE113C			503	10SE113C 715-000 UNIT	04-112-503			
728-113-021	10SE112C			504	10SE112C 715-000 UNIT	04-112-504			
	NC			505					
728-114-022	10SE111C			506	10SE111C 715-000 UNIT	04-112-506			
728-115-023	10SE110C			507	10SE110C 715-000 UNIT	04-112-507			
	NC			508					
728-112-023	10SE109C			509	10SE109C 715-000 UNIT	04-112-509			
728-113-024	10SE108C			510	10SE108C 715-000 UNIT	04-112-510			
	NC			511					
728-114-013	10SE107C			513	10SE107C 715-000 UNIT	04-112-513			
728-115-014	10SE106C			514	10SE106C 715-000 UNIT	04-112-514			
	NC			515					
728-112-014	10SE105C			516	10SE105C 715-000 UNIT	04-112-516			
728-113-015	10SE104C			517	10SE104C 715-000 UNIT	04-112-517			
	NC			518					
728-114-016	10SE103C			519	10SE103C 715-000 UNIT	04-112-519			
728-115-017	10SE102C			520	10SE102C 715-000 UNIT	04-112-520			
	NC			521					
728-112-017	10SE101C			522	10SE101C 715-000 UNIT	04-112-522			
728-113-018	10SE100C			523	10SE100C 715-000 UNIT	04-112-523			
	NC			524					

AP FIG 19 CAD 160

ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSUZ BAY 10

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J1				1019-112	JACK/UNIT (TMSUZ)				
1028-117-006	NC			400	10SE131T 1015-000 UNIT	04-112-401	ZG		
1028-118-007	10SE130T			401	10SE130T 1015-000 UNIT	04-112-402	ZG		
	NC			402					
1028-119-008	10SE129T			403	10SE129T 1015-000 UNIT	04-112-404	ZG		
1028-116-008	10SE128T			404	10SE128T 1015-000 UNIT	04-112-405	ZG		
	NC			405					
1028-117-009	10SE127T			406	10SE127T 1015-000 UNIT	04-112-407	ZG		
1028-118-010	10SE126T			407	10SE126T 1015-000 UNIT	04-112-408	ZG		
	NC			408					
1028-119-011	10SE125T			409	10SE125T 1015-000 UNIT	04-112-410	ZG		
1028-116-011	10SE124T			410	10SE124T 1015-000 UNIT	04-112-411	ZG		
	NC			411					
1028-117-000	10SE123T			413	10SE123T 1015-000 UNIT	04-112-414	ZG		
1028-118-001	10SE122T			414	10SE122T 1015-000 UNIT	04-112-415	ZG		
	NC			415					
1028-119-002	10SE121T			416	10SE121T 1015-000 UNIT	04-112-417	ZG		
1028-116-002	10SE120T			417	10SE120T 1015-000 UNIT	04-112-418	ZG		
	NC			418					
1028-117-003	10SE119T			419	10SE119T 1015-000 UNIT	04-112-420	ZG		
				420					

AP FIG 19 CAD 160

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J1				1019-112 (CONT'D)	JACK/UNIT (TMSUZ)				
1028-118-004	10SE118T			421	10SE118T 1015-000 UNIT	04-112-421	ZG		
	NC			422					
1028-119-005	10SE117T			423	10SE117T 1015-000 UNIT	04-112-423	ZG		
1028-116-005	10SE116T			424	10SE116T 1015-000 UNIT	04-112-424	ZG		
1028-118-006	10SE131C			500	10SE131C 1015-000 UNIT	04-112-500	ZG		
1028-119-007	10SE130C			501	10SE130C 1015-000 UNIT	04-112-501	ZG		
	NC			502					
1028-116-007	10SE129C			503	10SE129C 1015-000 UNIT	04-112-503	ZG		
1028-117-008	10SE128C			504	10SE128C 1015-000 UNIT	04-112-504	ZG		
	NC			505					
1028-118-009	10SE127C			506	10SE127C 1015-000 UNIT	04-112-506	ZG		
1028-119-010	10SE126C			507	10SE126C 1015-000 UNIT	04-112-507	ZG		
	NC			508					
1028-116-010	10SE125C			509	10SE125C 1015-000 UNIT	04-112-509	ZG		
1028-117-011	10SE124C			510	10SE124C 1015-000 UNIT	04-112-510	ZG		
	NC			511					
1028-118-000	10SE123C			513	10SE123C 1015-000 UNIT	04-112-513	ZG		
1028-119-001	10SE122C			514	10SE122C 1015-000 UNIT	04-112-514	ZG		
	NC			515					
1028-116-001	10SE121C			516	10SE121C 1015-000 UNIT	04-112-516	ZG		
1028-117-002	10SE120C			517	10SE120C 1015-000 UNIT	04-112-517	ZG		
	NC			518					
1028-118-003	10SE119C			519	10SE119C 1015-000 UNIT	04-112-519	ZG		
1028-119-004	10SE118C			520	10SE118C 1015-000 UNIT	04-112-520	ZG		
	NC			521					
1028-116-004	10SE117C			522	10SE117C 1015-000 UNIT	04-112-522	ZG		
1028-117-005	10SE116C			523	10SE116C 1015-000 UNIT	04-112-523	ZG		
	NC			524					

AP FIG 19 CAD 161

ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSUZ BAY 8

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				819-112	JACK/UNIT	(TMSUZ)	.....		
	NC			400					
828-113-019	10SE215T			401	10SE215T 815-000	UNIT	04-112-401	ZE	
828-114-020	10SE214T			402	10SE214T 815-000	UNIT	04-112-402	ZE	
	NC			403				ZE	
828-115-021	10SE213T			404	10SE213T 815-000	UNIT	04-112-404	ZE	
828-112-021	10SE212T			405	10SE212T 815-000	UNIT	04-112-405	ZE	
	NC			406				ZE	
828-113-022	10SE211T			407	10SE211T 815-000	UNIT	04-112-407	ZE	
828-114-023	10SE210T			408	10SE210T 815-000	UNIT	04-112-408	ZE	
	NC			409				ZE	
828-115-024	10SE209T			410	10SE209T 815-000	UNIT	04-112-410	ZE	
828-112-024	10SE208T			411	10SE208T 815-000	UNIT	04-112-411	ZE	
	NC			413				ZE	
828-113-013	10SE207T			414	10SE207T 815-000	UNIT	04-112-414	ZE	
828-114-014	10SE206T			415	10SE206T 815-000	UNIT	04-112-415	ZE	
	NC			416				ZE	
828-115-015	10SE205T			417	10SE205T 815-000	UNIT	04-112-417	ZE	
828-112-015	10SE204T			418	10SE204T 815-000	UNIT	04-112-418	ZE	
	NC			419				ZE	
828-113-016	10SE203T			420	10SE203T 815-000	UNIT	04-112-420	ZE	
828-114-017	10SE202T			421	10SE202T 815-000	UNIT	04-112-421	ZE	
	NC			422				ZE	
828-115-018	10SE201T			423	10SE201T 815-000	UNIT	04-112-423	ZE	
828-112-018	10SE200T			424	10SE200T 815-000	UNIT	04-112-424	ZE	
828-114-019	10SE215C			500	10SE215C 815-000	UNIT	04-112-500	ZE	
828-115-020	10SE214C			501	10SE214C 815-000	UNIT	04-112-501	ZE	
	NC			502				ZE	
828-112-020	10SE213C			503	10SE213C 815-000	UNIT	04-112-503	ZE	
828-113-021	10SE212C			504	10SE212C 815-000	UNIT	04-112-504	ZE	
	NC			505				ZE	
828-114-022	10SE211C			506	10SE211C 815-000	UNIT	04-112-506	ZE	
828-115-023	10SE210C			507	10SE210C 815-000	UNIT	04-112-507	ZE	
	NC			508				ZE	
828-112-023	10SE209C			509	10SE209C 815-000	UNIT	04-112-509	ZE	
828-113-024	10SE208C			510	10SE208C 815-000	UNIT	04-112-510	ZE	
	NC			511				ZE	
828-114-013	10SE207C			513	10SE207C 815-000	UNIT	04-112-513	ZE	
828-115-014	10SE206C			514	10SE206C 815-000	UNIT	04-112-514	ZE	
	NC			515				ZE	

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ECL-BUS UNIT RECEIVE DATA, FROM LOWER TMSU2 BAY 11

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				1119-112 JACK/UNIT (TMSU2).....					
1128-117-006	NC		400	10SE231T	1115-000 UNIT	04-112-401	ZJ		
1128-118-007	10SE230T		401	10SE230T	1115-000 UNIT	04-112-402	ZJ		
	NC		403						
1128-119-008	10SE229T		404	10SE229T	1115-000 UNIT	04-112-404	ZJ		
1128-116-008	10SE228T		405	10SE228T	1115-000 UNIT	04-112-405	ZJ		
	NC		406						
1128-117-009	10SE227T		407	10SE227T	1115-000 UNIT	04-112-407	ZJ		
1128-118-010	10SE226T		408	10SE226T	1115-000 UNIT	04-112-408	ZJ		
	NC		409						
1128-119-011	10SE225T		410	10SE225T	1115-000 UNIT	04-112-410	ZJ		
1128-116-011	10SE224T		411	10SE224T	1115-000 UNIT	04-112-411	ZJ		
	NC		413						
1128-117-000	10SE223T		414	10SE223T	1115-000 UNIT	04-112-414	ZJ		
1128-118-001	10SE222T		415	10SE222T	1115-000 UNIT	04-112-415	ZJ		
	NC		416						
1128-119-002	10SE221T		417	10SE221T	1115-000 UNIT	04-112-417	ZJ		
1128-116-002	10SE220T		418	10SE220T	1115-000 UNIT	04-112-418	ZJ		
	NC		419						
1128-117-003	10SE219T		420	10SE219T	1115-000 UNIT	04-112-420	ZJ		
1128-118-004	10SE218T		421	10SE218T	1115-000 UNIT	04-112-421	ZJ		
	NC		422						
1128-119-005	10SE217T		423	10SE217T	1115-000 UNIT	04-112-423	ZJ		
1128-116-005	10SE216T		424	10SE216T	1115-000 UNIT	04-112-424	ZJ		
1128-118-006	10SE231C		500	10SE231C	1115-000 UNIT	04-112-500	ZJ		
1128-119-007	10SE230C		501	10SE230C	1115-000 UNIT	04-112-501	ZJ		
	NC		502						
1128-116-007	10SE229C		503	10SE229C	1115-000 UNIT	04-112-503	ZJ		
1128-117-008	10SE228C		504	10SE228C	1115-000 UNIT	04-112-504	ZJ		
	NC		505						
1128-118-009	10SE227C		506	10SE227C	1115-000 UNIT	04-112-506	ZJ		
1128-119-010	10SE226C		507	10SE226C	1115-000 UNIT	04-112-507	ZJ		
	NC		508						
1128-116-010	10SE225C		509	10SE225C	1115-000 UNIT	04-112-509	ZJ		
1128-117-011	10SE224C		510	10SE224C	1115-000 UNIT	04-112-510	ZJ		
	NC		511						
1128-118-000	10SE223C		513	10SE223C	1115-000 UNIT	04-112-513	ZJ		
1128-119-001	10SE222C		514	10SE222C	1115-000 UNIT	04-112-514	ZJ		
	NC		515						
1128-116-001	10SE221C		516	10SE221C	1115-000 UNIT	04-112-516	ZJ		
1128-117-002	10SE220C		517	10SE220C	1115-000 UNIT	04-112-517	ZJ		
	NC		518						
1128-118-003	10SE219C		519	10SE219C	1115-000 UNIT	04-112-519	ZJ		
1128-119-004	10SE218C		520	10SE218C	1115-000 UNIT	04-112-520	ZJ		
	NC		521						
1128-116-004	10SE217C		522	10SE217C	1115-000 UNIT	04-112-522	ZJ		
1128-117-005	10SE216C		523	10SE216C	1115-000 UNIT	04-112-523	ZJ		
	NC		524						

AP FIG 19 CAD 163

ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 0

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				036-112 JACK/UNIT (TMSU2).....					
045-109-006	NC		400	0ESE231T	032-000 UNIT	04-112-401	ZJ		
045-110-007	0ESE230T		401	0ESE230T	032-000 UNIT	04-112-402	ZJ		
	NC		403						
045-111-008	0ESE229T		404	0ESE229T	032-000 UNIT	04-112-404	ZJ		
045-108-008	0ESE228T		405	0ESE228T	032-000 UNIT	04-112-405	ZJ		
	NC		406						
045-109-009	0ESE227T		407	0ESE227T	032-000 UNIT	04-112-407	ZJ		
045-110-010	0ESE226T		408	0ESE226T	032-000 UNIT	04-112-408	ZJ		
	NC		409						
045-111-011	0ESE225T		410	0ESE225T	032-000 UNIT	04-112-410	ZJ		
045-108-011	0ESE224T		411	0ESE224T	032-000 UNIT	04-112-411	ZJ		
	NC		413						
045-109-000	0ESE223T		414	0ESE223T	032-000 UNIT	04-112-414	ZJ		
045-110-001	0ESE222T		415	0ESE222T	032-000 UNIT	04-112-415	ZJ		
	NC		416						
045-111-002	0ESE221T		417	0ESE221T	032-000 UNIT	04-112-417	ZJ		
045-108-002	0ESE220T		418	0ESE220T	032-000 UNIT	04-112-418	ZJ		
	NC		419						
045-109-003	0ESE219T		420	0ESE219T	032-000 UNIT	04-112-420	ZJ		

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(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				036-112 (CONT'D) JACK/UNIT (TMSU2).....					
045-110-004	0ESE218T		421	0ESE218T	032-000 UNIT	04-112-421	ZJ		
	NC		422						
045-111-005	0ESE217T		423	0ESE217T	032-000 UNIT	04-112-423	ZJ		
045-108-005	0ESE216T		424	0ESE216T	032-000 UNIT	04-112-424	ZJ		
045-110-006	0ESE231C		500	0ESE231C	032-000 UNIT	04-112-500	ZJ		
045-111-007	0ESE230C		501	0ESE230C	032-000 UNIT	04-112-501	ZJ		
	NC		502						
045-108-007	0ESE229C		503	0ESE229C	032-000 UNIT	04-112-503	ZJ		
045-109-008	0ESE228C		504	0ESE228C	032-000 UNIT	04-112-504	ZJ		
	NC		505						
045-110-009	0ESE227C		506	0ESE227C	032-000 UNIT	04-112-506	ZJ		
045-111-010	0ESE226C		507	0ESE226C	032-000 UNIT	04-112-507	ZJ		
	NC		508						
045-108-010	0ESE225C		509	0ESE225C	032-000 UNIT	04-112-509	ZJ		
045-109-011	0ESE224C		510	0ESE224C	032-000 UNIT	04-112-510	ZJ		
	NC		511						
045-110-000	0ESE223C		513	0ESE223C	032-000 UNIT	04-112-513	ZJ		
045-111-001	0ESE222C		514	0ESE222C	032-000 UNIT	04-112-514	ZJ		
	NC		515						
045-108-001	0ESE221C		516	0ESE221C	032-000 UNIT	04-112-516	ZJ		
045-109-002	0ESE220C		517	0ESE220C	032-000 UNIT	04-112-517	ZJ		
	NC		518						
045-110-003	0ESE219C		519	0ESE219C	032-000 UNIT	04-112-519	ZJ		
045-111-004	0ESE218C		520	0ESE218C	032-000 UNIT	04-112-520	ZJ		
	NC		521						
045-108-004	0ESE217C		522	0ESE217C	032-000 UNIT	04-112-522	ZJ		
045-109-005	0ESE216C		523	0ESE216C	032-000 UNIT	04-112-523	ZJ		
	NC		524						

AP FIG 19 CAD 164

ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 3

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				336-112	JACK/UNIT	(TMSU2).....			
	NC		400					ZE	
345-105-019	0ESE215T		401		0ESE215T	332-000 UNIT	04-112-401	ZE	
345-106-020	0ESE214T		402		0ESE214T	332-000 UNIT	04-112-402	ZE	
	NC		403					ZE	
345-107-021	0ESE213T		404		0ESE213T	332-000 UNIT	04-112-404	ZE	
345-104-021	0ESE212T		405		0ESE212T	332-000 UNIT	04-112-405	ZE	
	NC		406					ZE	
345-105-022	0ESE211T		407		0ESE211T	332-000 UNIT	04-112-407	ZE	
345-106-023	0ESE210T		408		0ESE210T	332-000 UNIT	04-112-408	ZE	
	NC		409					ZE	
345-107-024	0ESE209T		410		0ESE209T	332-000 UNIT	04-112-410	ZE	
345-104-024	0ESE208T		411		0ESE208T	332-000 UNIT	04-112-411	ZE	
	NC		413					ZE	
345-105-013	0ESE207T		414		0ESE207T	332-000 UNIT	04-112-414	ZE	
345-106-014	0ESE206T		415		0ESE206T	332-000 UNIT	04-112-415	ZE	
	NC		416					ZE	
345-107-015	0ESE205T		417		0ESE205T	332-000 UNIT	04-112-417	ZE	
345-104-015	0ESE204T		418		0ESE204T	332-000 UNIT	04-112-418	ZE	
	NC		419					ZE	
345-105-016	0ESE203T		420		0ESE203T	332-000 UNIT	04-112-420	ZE	
345-106-017	0ESE202T		421		0ESE202T	332-000 UNIT	04-112-421	ZE	
	NC		422					ZE	
345-107-018	0ESE201T		423		0ESE201T	332-000 UNIT	04-112-423	ZE	
345-104-018	0ESE200T		424		0ESE200T	332-000 UNIT	04-112-424	ZE	
345-106-019	0ESE215C		500		0ESE215C	332-000 UNIT	04-112-500	ZE	
345-107-020	0ESE214C		501		0ESE214C	332-000 UNIT	04-112-501	ZE	
	NC		502					ZE	
345-104-020	0ESE213C		503		0ESE213C	332-000 UNIT	04-112-503	ZE	
345-105-021	0ESE212C		504		0ESE212C	332-000 UNIT	04-112-504	ZE	
	NC		505					ZE	
345-106-022	0ESE211C		506		0ESE211C	332-000 UNIT	04-112-506	ZE	
345-107-023	0ESE210C		507		0ESE210C	332-000 UNIT	04-112-507	ZE	
	NC		508					ZE	
345-104-023	0ESE209C		509		0ESE209C	332-000 UNIT	04-112-509	ZE	
345-105-024	0ESE208C		510		0ESE208C	332-000 UNIT	04-112-510	ZE	
	NC		511					ZE	
345-106-013	0ESE207C		513		0ESE207C	332-000 UNIT	04-112-513	ZE	
345-107-014	0ESE206C		514		0ESE206C	332-000 UNIT	04-112-514	ZE	
	NC		515					ZE	

AP FIG 19 CAD 165

ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 1

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1				136-112	JACK/UNIT (TMSU2)		
145-109-006	NC			400	0ESE131T 132-000 UNIT	04-112-401	ZG
145-110-007	0ESE130T			401	0ESE130T 132-000 UNIT	04-112-402	ZG
145-111-008	0ESE129T			402	0ESE129T 132-000 UNIT	04-112-403	ZG
145-108-008	0ESE128T			403	0ESE128T 132-000 UNIT	04-112-404	ZG
145-109-009	NC			404	0ESE127T 132-000 UNIT	04-112-405	ZG
145-110-010	0ESE126T			405	0ESE126T 132-000 UNIT	04-112-406	ZG
145-111-011	NC			406	0ESE125T 132-000 UNIT	04-112-407	ZG
145-108-011	0ESE124T			407	0ESE124T 132-000 UNIT	04-112-408	ZG
145-109-000	NC			408	0ESE123T 132-000 UNIT	04-112-409	ZG
145-110-001	0ESE122T			409	0ESE122T 132-000 UNIT	04-112-410	ZG
145-111-002	NC			410	0ESE121T 132-000 UNIT	04-112-411	ZG
145-108-002	0ESE120T			411	0ESE120T 132-000 UNIT	04-112-412	ZG
145-109-003	0ESE119T			412	0ESE119T 132-000 UNIT	04-112-413	ZG
145-110-004	0ESE118T			413	0ESE118T 132-000 UNIT	04-112-414	ZG
145-111-005	NC			414	0ESE117T 132-000 UNIT	04-112-415	ZG
145-108-005	0ESE116T			415	0ESE116T 132-000 UNIT	04-112-416	ZG
145-110-006	0ESE115C			416	0ESE115C 132-000 UNIT	04-112-417	ZG
145-111-007	0ESE114C			417	0ESE114C 132-000 UNIT	04-112-418	ZG
145-108-007	NC			418	0ESE113C 132-000 UNIT	04-112-419	ZG
145-109-008	0ESE112C			419	0ESE112C 132-000 UNIT	04-112-420	ZG
145-110-009	0ESE111C			420	0ESE111C 132-000 UNIT	04-112-421	ZG
145-111-010	NC			421	0ESE110C 132-000 UNIT	04-112-422	ZG
145-108-010	0ESE110C			422	0ESE109C 132-000 UNIT	04-112-423	ZG
145-109-011	0ESE109C			423	0ESE108C 132-000 UNIT	04-112-424	ZG
145-110-000	NC			424	0ESE107C 132-000 UNIT	04-112-425	ZG
145-111-001	0ESE106C			425	0ESE106C 132-000 UNIT	04-112-426	ZG
145-108-001	0ESE105C			426	0ESE105C 132-000 UNIT	04-112-427	ZG
145-109-002	0ESE104C			427	0ESE104C 132-000 UNIT	04-112-428	ZG
145-110-003	NC			428	0ESE103C 132-000 UNIT	04-112-429	ZG
145-111-004	0ESE102C			429	0ESE102C 132-000 UNIT	04-112-430	ZG
145-108-004	0ESE101C			430	0ESE101C 132-000 UNIT	04-112-431	ZG
145-109-005	NC			431	0ESE100C 132-000 UNIT	04-112-432	ZG

AP FIG 19 CAD 166

ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 4

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1				436-112	JACK/UNIT (TMSU2)		
445-105-019	NC			400	0ESE115T 432-000 UNIT	04-112-401	ZF
445-106-020	0ESE114T			401	0ESE114T 432-000 UNIT	04-112-402	ZF
445-107-021	0ESE113T			402	0ESE113T 432-000 UNIT	04-112-403	ZF
445-104-021	0ESE112T			403	0ESE112T 432-000 UNIT	04-112-404	ZF
445-105-022	NC			404	0ESE111T 432-000 UNIT	04-112-405	ZF
445-106-023	0ESE110T			405	0ESE110T 432-000 UNIT	04-112-406	ZF
445-107-024	0ESE109T			406	0ESE109T 432-000 UNIT	04-112-407	ZF
445-104-024	0ESE108T			407	0ESE108T 432-000 UNIT	04-112-408	ZF
445-105-013	0ESE107T			408	0ESE107T 432-000 UNIT	04-112-409	ZF
445-106-014	0ESE106T			409	0ESE106T 432-000 UNIT	04-112-410	ZF
445-107-015	NC			410	0ESE105T 432-000 UNIT	04-112-411	ZF
445-104-015	0ESE104T			411	0ESE104T 432-000 UNIT	04-112-412	ZF
445-105-016	0ESE103T			412	0ESE103T 432-000 UNIT	04-112-413	ZF

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(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1				436-112 (CONT'D)	JACK/UNIT (TMSU2)		
445-106-017	0ESE102T			421	0ESE102T 432-000 UNIT	04-112-421	ZF
445-107-018	NC			422	0ESE101T 432-000 UNIT	04-112-422	ZF
445-104-018	0ESE100T			423	0ESE100T 432-000 UNIT	04-112-423	ZF
445-106-019	0ESE115C			424	0ESE115C 432-000 UNIT	04-112-424	ZF
445-107-020	0ESE114C			425	0ESE114C 432-000 UNIT	04-112-425	ZF
445-104-020	NC			426	0ESE113C 432-000 UNIT	04-112-426	ZF
445-105-021	0ESE112C			427	0ESE112C 432-000 UNIT	04-112-427	ZF
445-106-022	0ESE111C			428	0ESE111C 432-000 UNIT	04-112-428	ZF
445-107-023	0ESE110C			429	0ESE110C 432-000 UNIT	04-112-429	ZF
445-104-023	0ESE109C			430	0ESE109C 432-000 UNIT	04-112-430	ZF
445-105-024	0ESE108C			431	0ESE108C 432-000 UNIT	04-112-431	ZF
445-106-013	0ESE107C			432	0ESE107C 432-000 UNIT	04-112-432	ZF
445-107-014	0ESE106C			433	0ESE106C 432-000 UNIT	04-112-433	ZF
445-104-014	0ESE105C			434	0ESE105C 432-000 UNIT	04-112-434	ZF
445-105-015	0ESE104C			435	0ESE104C 432-000 UNIT	04-112-435	ZF
445-106-016	0ESE103C			436	0ESE103C 432-000 UNIT	04-112-436	ZF
445-107-017	0ESE102C			437	0ESE102C 432-000 UNIT	04-112-437	ZF
445-104-017	0ESE101C			438	0ESE101C 432-000 UNIT	04-112-438	ZF
445-105-018	0ESE100C			439	0ESE100C 432-000 UNIT	04-112-439	ZF

AP FIG 1 CAD 167

ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSU2 BAY 2

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1				236-112	JACK/UNIT (TMSU2)		
245-109-006	NC			400	0ESE031T 232-000 UNIT	04-112-401	ZF
245-110-007	0ESE030T			401	0ESE030T 232-000 UNIT	04-112-402	ZF
245-111-008	NC			402	0ESE029T 232-000 UNIT	04-112-403	ZF
245-108-008	0ESE028T			403	0ESE028T 232-000 UNIT	04-112-404	ZF
245-109-009	0ESE027T			404	0ESE027T 232-000 UNIT	04-112-405	ZF
245-110-010	0ESE026T			405	0ESE026T 232-000 UNIT	04-112-406	ZF
245-111-011	NC			406	0ESE025T 232-000 UNIT	04-112-407	ZF
245-108-011	0ESE024T			407	0ESE024T 232-000 UNIT	04-112-408	ZF
245-109-000	0ESE023T			408	0ESE023T 232-000 UNIT	04-112-409	ZF
245-110-001	0ESE022T			409	0ESE022T 232-000 UNIT	04-112-410	ZF
245-111-002	NC			410	0ESE021T 232-000 UNIT	04-112-411	ZF
245-108-002	0ESE020T			411	0ESE020T 232-000 UNIT	04-112-412	ZF
245-109-003	0ESE019T			412	0ESE019T 232-000 UNIT	04-112-413	ZF
245-110-004	0ESE018T			413	0ESE018T 232-000 UNIT	04-112-414	ZF
245-111-005	NC			414	0ESE017T 232-000 UNIT	04-112-415	ZF
245-108-005	0ESE016T			415	0ESE016T 232-000 UNIT	04-112-416	ZF
245-110-006	0ESE015C			416	0ESE015C 232-000 UNIT	04-112-417	ZF
245-111-007	0ESE014C			417	0ESE014C 232-000 UNIT	04-112-418	ZF
245-108-007	NC			418	0ESE013C 232-000 UNIT	04-112-419	ZF
245-109-008	0ESE012C			419	0ESE012C 232-000 UNIT	04-112-420	ZF
245-110-009	0ESE011C			420	0ESE011C 232-000 UNIT	04-112-421	ZF
245-111-010	NC			421	0ESE010C 232-000 UNIT	04-112-422	ZF
245-108-010	0ESE010C			422	0ESE009C 232-000 UNIT	04-112-423	ZF
245-109-011	0ESE009C			423	0ESE008C 232-000 UNIT	04-112-424	ZF
245-110-000	0ESE008C			424	0ESE007C 232-000 UNIT	04-112-425	ZF
245-111-001	0ESE007C			425	0ESE006C 232-000 UNIT	04-112-426	ZF
245-108-001	0ESE006C			426	0ESE005C 232-000 UNIT	04-112-427	ZF
245-109-002	0ESE005C			427	0ESE004C 232-000 UNIT	04-112-428	ZF
245-110-003	NC			428	0ESE003C 232-000 UNIT	04-112-429	ZF
245-111-004	0ESE002C			429	0ESE002C 232-000 UNIT	04-112-430	ZF

AP FIG 1 CAD 167

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1				236-112 (CONT'D)	JACK/UNIT (TMSU2)		
245-108-001	0ESE021C			516	0ESE021C 232-000 UNIT	04-112-516	ZF
245-109-002	0ESE020C			517	0ESE020C 232-000 UNIT	04-112-517	ZF
245-110-003	NC			518	0ESE019C 232-000 UNIT	04-112-518	ZF
245-111-004	0ESE018C			519	0ESE018C 232-000 UNIT	04-112-519	ZF
245-108-004	0ESE017C			520	0ESE017C 232-000 UNIT	04-112-520	ZF
245-109-005	0ESE016C			521	0ESE016C 232-000 UNIT	04-112-521	ZF
	NC			522	0ESE015C 232-000 UNIT	04-112-522	ZF
				523	0ESE014C 232-000 UNIT	04-112-523	ZF
				524			

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AP FIG 1 CAD 168

ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSUZ BAY 5

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1				536-112	JACK/UNIT	(TMSUZ)	.....
	NC			400			
445-170-319	0ESE015T			401	0ESE015T	532-000 UNIT	04-112-401
445-170-420	0ESE014T			402	0ESE014T	532-000 UNIT	04-112-402
	NC			403			
445-170-521	0ESE013T			404	0ESE013T	532-000 UNIT	04-112-404
445-170-221	0ESE012T			405	0ESE012T	532-000 UNIT	04-112-405
	NC			406			
445-170-322	0ESE011T			407	0ESE011T	532-000 UNIT	04-112-407
445-170-423	0ESE010T			408	0ESE010T	532-000 UNIT	04-112-408
	NC			409			
445-170-524	0ESE009T			410	0ESE009T	532-000 UNIT	04-112-410
445-170-224	0ESE008T			411	0ESE008T	532-000 UNIT	04-112-411
	NC			413			
445-170-313	0ESE007T			414	0ESE007T	532-000 UNIT	04-112-414
445-170-414	0ESE006T			415	0ESE006T	532-000 UNIT	04-112-415
	NC			416			
445-170-515	0ESE005T			417	0ESE005T	532-000 UNIT	04-112-417
445-170-215	0ESE004T			418	0ESE004T	532-000 UNIT	04-112-418
	NC			419			
445-170-316	0ESE003T			420	0ESE003T	532-000 UNIT	04-112-420
445-170-417	0ESE002T			421	0ESE002T	532-000 UNIT	04-112-421
	NC			422			
445-170-518	0ESE001T			423	0ESE001T	532-000 UNIT	04-112-423
445-170-218	0ESE000T			424	0ESE000T	532-000 UNIT	04-112-424
445-170-419	0ESE015C			500	0ESE015C	532-000 UNIT	04-112-500
445-170-520	0ESE014C			501	0ESE014C	532-000 UNIT	04-112-501
	NC			502			
445-170-220	0ESE013C			503	0ESE013C	532-000 UNIT	04-112-503
445-170-321	0ESE012C			504	0ESE012C	532-000 UNIT	04-112-504
	NC			505			
445-170-422	0ESE011C			506	0ESE011C	532-000 UNIT	04-112-506
445-170-523	0ESE010C			507	0ESE010C	532-000 UNIT	04-112-507
	NC			508			
445-170-223	0ESE009C			509	0ESE009C	532-000 UNIT	04-112-509
445-170-324	0ESE008C			510	0ESE008C	532-000 UNIT	04-112-510
	NC			511			
445-170-413	0ESE007C			513	0ESE007C	532-000 UNIT	04-112-513
445-170-514	0ESE006C			514	0ESE006C	532-000 UNIT	04-112-514
	NC			515			
445-170-214	0ESE005C			516	0ESE005C	532-000 UNIT	04-112-516
445-170-315	0ESE004C			517	0ESE004C	532-000 UNIT	04-112-517
	NC			518			
445-170-416	0ESE003C			519	0ESE003C	532-000 UNIT	04-112-519
445-170-517	0ESE002C			520	0ESE002C	532-000 UNIT	04-112-520
	NC			521			
445-170-217	0ESE001C			522	0ESE001C	532-000 UNIT	04-112-522
445-170-318	0ESE000C			523	0ESE000C	532-000 UNIT	04-112-523
	NC			524			

AP FIG 1 CAD 169

ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSUZ BAY 6

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....J1				636-112	JACK/UNIT	(TMSUZ).....					
G	745-014-319	NC		400							
		1ESE015T		401	1ESE015T	632-000 UNIT	04-112-401				
	745-014-420	1ESE014T		402	1ESE014T	632-000 UNIT	04-112-402				
		NC		403							
	745-014-521	1ESE013T		404	1ESE013T	632-000 UNIT	04-112-404				
	745-014-221	1ESE012T		405	1ESE012T	632-000 UNIT	04-112-405				
		NC		406							
	745-014-322	1ESE011T		407	1ESE011T	632-000 UNIT	04-112-407				
	745-014-423	1ESE010T		408	1ESE010T	632-000 UNIT	04-112-408				
		NC		409							
	745-014-524	1ESE009T		410	1ESE009T	632-000 UNIT	04-112-410				
	745-014-224	1ESE008T		411	1ESE008T	632-000 UNIT	04-112-411				
		NC		413							
	745-014-313	1ESE007T		414	1ESE007T	632-000 UNIT	04-112-414				
	745-014-414	1ESE006T		415	1ESE006T	632-000 UNIT	04-112-415				
		NC		416							
H	745-014-515	1ESE005T		417	1ESE005T	632-000 UNIT	04-112-417				
	745-014-215	1ESE004T		418	1ESE004T	632-000 UNIT	04-112-418				
		NC		419							
	745-014-316	1ESE003T		420	1ESE003T	632-000 UNIT	04-112-420				

AP FIG 1 CAD 169

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
-----J1				636-112 (CONT'D)	JACK/UNIT	(TMSUZ)	-----
745-014-417	1ESE002T			421	1ESE002T	632-000 UNIT	04-112-421
	NC			422			
745-014-518	1ESE001T			423	1ESE001T	632-000 UNIT	04-112-423
745-014-218	1ESE000T			424	1ESE000T	632-000 UNIT	04-112-424
745-014-419	1ESE015C			500	1ESE015C	632-000 UNIT	04-112-500
745-014-520	1ESE014C			501	1ESE014C	632-000 UNIT	04-112-501
	NC			502			
745-014-220	1ESE013C			503	1ESE013C	632-000 UNIT	04-112-503
745-014-321	1ESE012C			504	1ESE012C	632-000 UNIT	04-112-504
	NC			505			
745-014-422	1ESE011C			506	1ESE011C	632-000 UNIT	04-112-506
745-014-523	1ESE010C			507	1ESE010C	632-000 UNIT	04-112-507
	NC			508			
745-014-223	1ESE009C			509	1ESE009C	632-000 UNIT	04-112-509
745-014-324	1ESE008C			510	1ESE008C	632-000 UNIT	04-112-510
	NC			511			
745-014-413	1ESE007C			513	1ESE007C	632-000 UNIT	04-112-513
745-014-514	1ESE006C			514	1ESE006C	632-000 UNIT	04-112-514
	NC			515			
745-014-214	1ESE005C			516	1ESE005C	632-000 UNIT	04-112-516
745-014-315	1ESE004C			517	1ESE004C	632-000 UNIT	04-112-517
	NC			518			
745-014-416	1ESE003C			519	1ESE003C	632-000 UNIT	04-112-519
745-014-517	1ESE002C			520	1ESE002C	632-000 UNIT	04-112-520
	NC			521			
745-014-217	1ESE001C			522	1ESE001C	632-000 UNIT	04-112-522
745-014-318	1ESE000C			523	1ESE000C	632-000 UNIT	04-112-523
	NC			524			

AP FIG 1 CAD 170

ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSUZ BAY 9

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				936-112	JACK/UNIT	(TMSUZ)	.....		
945-117-006	NC			400					
945-118-007	1ESE031T			401	1ESE031T	932-000 UNIT	04-112-401	ZF	
	1ESE030T			402	1ESE030T	932-000 UNIT	04-112-402	ZF	
	NC			403					
945-119-008	1ESE029T			404	1ESE029T	932-000 UNIT	04-112-404	ZF	
945-116-008	1ESE028T			405	1ESE028T	932-000 UNIT	04-112-405	ZF	
	NC			406					
945-117-009	1ESE027T			407	1ESE027T	932-000 UNIT	04-112-407	ZF	
945-118-010	1ESE026T			408	1ESE026T	932-000 UNIT	04-112-408	ZF	
	NC			409					
945-119-011	1ESE025T			410	1ESE025T	932-000 UNIT	04-112-410	ZF	
945-116-011	1ESE024T			411	1ESE024T	932-000 UNIT	04-112-411	ZF	
	NC			413					
945-117-000	1ESE023T			414	1ESE023T	932-000 UNIT	04-112-414	ZF	
945-118-001	1ESE022T			415	1ESE022T	932-000 UNIT	04-112-415	ZF	
	NC			416					
945-119-002	1ESE021T			417	1ESE021T	932-000 UNIT	04-112-417	ZF	
945-116-002	1ESE020T			418	1ESE020T	932-000 UNIT	04-112-418	ZF	
	NC			419					
945-117-003	1ESE019T			420	1ESE019T	932-000 UNIT	04-112-420	ZF	
945-118-004	1ESE018T			421	1ESE018T	932-000 UNIT	04-112-421	ZF	
	NC			422					
945-119-005	1ESE017T			423	1ESE017T	932-000 UNIT	04-112-423	ZF	
945-116-005	1ESE016T			424	1ESE016T	932-000 UNIT	04-112-424	ZF	
945-118-006	1ESE031C			500	1ESE031C	932-000 UNIT	04-112-500	ZF	
945-119-007	1ESE030C			501	1ESE030C	932-000 UNIT	04-112-501	ZF	
	NC			502					
945-116-007	1ESE029C			503	1ESE029C	932-000 UNIT	04-112-503	ZF	
945-117-008	1ESE028C			504	1ESE028C	932-000 UNIT	04-112-504	ZF	
	NC			505					
945-118-009	1ESE027C			506	1ESE027C	932-000 UNIT	04-112-506	ZF	
945-119-010	1ESE026C			507	1ESE026C	932-000 UNIT	04-112-507	ZF	
	NC			508					
945-116-010	1ESE025C			509	1ESE025C	932-000 UNIT	04-112-509	ZF	
945-117-011	1ESE024C			510	1ESE024C	932-000 UNIT	04-112-510	ZF	
	NC			511					
945-118-000	1ESE023C			513	1ESE023C	932-000 UNIT	04-112-513	ZF	
945-119-001	1ESE022C			514	1ESE022C	932-000 UNIT	04-112-514	ZF	
	NC			515					

AP FIG 1 CAD 170

(CONT'D)

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AP FIG 19 CAD 171

ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSUZ BAY 7

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
J1				736-112	JACK/UNIT	(TMSUZ)			
745-113-019	NC			400					
745-114-020	1ESE115T			401	1ESE115T 732-000 UNIT		04-112-401		
	1ESE114T			402	1ESE114T 732-000 UNIT		04-112-402		
	NC			403					
745-115-021	1ESE113T			404	1ESE113T 732-000 UNIT		04-112-404		
745-112-021	1ESE112T			405	1ESE112T 732-000 UNIT		04-112-405		
	NC			406					
745-113-022	1ESE111T			407	1ESE111T 732-000 UNIT		04-112-407		
745-114-023	1ESE110T			408	1ESE110T 732-000 UNIT		04-112-408		
	NC			409					
745-115-024	1ESE109T			410	1ESE109T 732-000 UNIT		04-112-410		
745-112-024	1ESE108T			411	1ESE108T 732-000 UNIT		04-112-411		
	NC			413					
745-113-013	1ESE107T			414	1ESE107T 732-000 UNIT		04-112-414		
745-114-014	1ESE106T			415	1ESE106T 732-000 UNIT		04-112-415		
	NC			416					
745-115-015	1ESE105T			417	1ESE105T 732-000 UNIT		04-112-417		
745-112-015	1ESE104T			418	1ESE104T 732-000 UNIT		04-112-418		
	NC			419					
745-113-016	1ESE103T			420	1ESE103T 732-000 UNIT		04-112-420		
745-114-017	1ESE102T			421	1ESE102T 732-000 UNIT		04-112-421		
	NC			422					
745-115-018	1ESE101T			423	1ESE101T 732-000 UNIT		04-112-423		
745-112-018	1ESE100T			424	1ESE100T 732-000 UNIT		04-112-424		
745-114-019	1ESE115C			500	1ESE115C 732-000 UNIT		04-112-500		
745-115-020	1ESE114C			501	1ESE114C 732-000 UNIT		04-112-501		
	NC			502					
745-112-020	1ESE113C			503	1ESE113C 732-000 UNIT		04-112-503		
745-113-021	1ESE112C			504	1ESE112C 732-000 UNIT		04-112-504		
	NC			505					
745-114-022	1ESE111C			506	1ESE111C 732-000 UNIT		04-112-506		
745-115-023	1ESE110C			507	1ESE110C 732-000 UNIT		04-112-507		
	NC			508					
745-112-023	1ESE109C			509	1ESE109C 732-000 UNIT		04-112-509		
745-113-024	1ESE108C			510	1ESE108C 732-000 UNIT		04-112-510		
	NC			511					
745-114-013	1ESE107C			513	1ESE107C 732-000 UNIT		04-112-513		
745-115-014	1ESE106C			514	1ESE106C 732-000 UNIT		04-112-514		
	NC			515					
745-112-014	1ESE105C			516	1ESE105C 732-000 UNIT		04-112-516		
745-113-015	1ESE104C			517	1ESE104C 732-000 UNIT		04-112-517		
	NC			518					
745-114-016	1ESE103C			519	1ESE103C 732-000 UNIT		04-112-519		
745-115-017	1ESE102C			520	1ESE102C 732-000 UNIT		04-112-520		
	NC			521					
745-112-017	1ESE101C			522	1ESE101C 732-000 UNIT		04-112-522		
745-113-018	1ESE100C			523	1ESE100C 732-000 UNIT		04-112-523		
	NC			524					

AP FIG 19 CAD 172

ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSUZ BAY 10

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
J1				1036-112	JACK/UNIT	(TMSUZ)			
1045-117-006	NC			400					
1045-118-007	1ESE131T			401	1ESE131T 1032-000 UNIT		04-112-401	ZG	
	1ESE130T			402	1ESE130T 1032-000 UNIT		04-112-402	ZG	
	NC			403					
1045-119-008	1ESE129T			404	1ESE129T 1032-000 UNIT		04-112-404	ZG	
1045-116-008	1ESE128T			405	1ESE128T 1032-000 UNIT		04-112-405	ZG	
	NC			406					
1045-117-009	1ESE127T			407	1ESE127T 1032-000 UNIT		04-112-407	ZG	
1045-118-010	1ESE126T			408	1ESE126T 1032-000 UNIT		04-112-408	ZG	
	NC			409					
1045-119-011	1ESE125T			410	1ESE125T 1032-000 UNIT		04-112-410	ZG	
1045-116-011	1ESE124T			411	1ESE124T 1032-000 UNIT		04-112-411	ZG	
	NC			413					
1045-117-000	1ESE123T			414	1ESE123T 1032-000 UNIT		04-112-414	ZG	
1045-118-001	1ESE122T			415	1ESE122T 1032-000 UNIT		04-112-415	ZG	
	NC			416					
1045-119-002	1ESE121T			417	1ESE121T 1032-000 UNIT		04-112-417	ZG	
1045-116-002	1ESE120T			418	1ESE120T 1032-000 UNIT		04-112-418	ZG	
	NC			419					
1045-117-003	1ESE119T			420	1ESE119T 1032-000 UNIT		04-112-420	ZG	

AP FIG 19 CAD 172

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
J1				1036-112	JACK/UNIT	(TMSUZ)			
1045-118-004	1ESE118T			421	1ESE118T 1032-000 UNIT		04-112-421	ZG	
	NC			422					
1045-119-005	1ESE117T			423	1ESE117T 1032-000 UNIT		04-112-423	ZG	
1045-116-005	1ESE116T			424	1ESE116T 1032-000 UNIT		04-112-424	ZG	
1045-118-006	1ESE131C			500	1ESE131C 1032-000 UNIT		04-112-500	ZG	
1045-119-007	1ESE130C			501	1ESE130C 1032-000 UNIT		04-112-501	ZG	
	NC			502					
1045-116-007	1ESE129C			503	1ESE129C 1032-000 UNIT		04-112-503	ZG	
1045-117-008	1ESE128C			504	1ESE128C 1032-000 UNIT		04-112-504	ZG	
	NC			505					
1045-118-009	1ESE127C			506	1ESE127C 1032-000 UNIT		04-112-506	ZG	
1045-119-010	1ESE126C			507	1ESE126C 1032-000 UNIT		04-112-507	ZG	
	NC			508					
1045-116-010	1ESE125C			509	1ESE125C 1032-000 UNIT		04-112-509	ZG	
1045-117-011	1ESE124C			510	1ESE124C 1032-000 UNIT		04-112-510	ZG	
	NC			511					
1045-118-000	1ESE123C			513	1ESE123C 1032-000 UNIT		04-112-513	ZG	
1045-119-001	1ESE122C			514	1ESE122C 1032-000 UNIT		04-112-514	ZG	
	NC			515					
1045-116-001	1ESE121C			516	1ESE121C 1032-000 UNIT		04-112-516	ZG	
1045-117-002	1ESE120C			517	1ESE120C 1032-000 UNIT		04-112-517	ZG	
	NC			518					
1045-118-003	1ESE119C			519	1ESE119C 1032-000 UNIT		04-112-519	ZG	
1045-119-004	1ESE118C			520	1ESE118C 1032-000 UNIT		04-112-520	ZG	
	NC			521					
1045-116-004	1ESE117C			522	1ESE117C 1032-000 UNIT		04-112-522	ZG	
1045-117-005	1ESE116C			523	1ESE116C 1032-000 UNIT		04-112-523	ZG	
	NC			524					

AP FIG 19 CAD 173

ECL-BUS UNIT RECEIVE DATA, FROM UPPER TMSUZ BAY 8

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
J1				836-112	JACK/UNIT	(TMSUZ)			
	NC			400					ZE
845-113-019	1ESE215T			401	1ESE215T 832-000	UNIT	04-112-401		ZE
845-114-020	1ESE214T			402	1ESE214T 832-000	UNIT	04-112-402		ZE
	NC			403					ZE
845-115-021	1ESE213T			404	1ESE213T 832-000	UNIT	04-112-404		ZE
845-112-021	1ESE212T			405	1ESE212T 832-000	UNIT	04-112-405		ZE
	NC			406					ZE
845-113-022	1ESE211T			407	1ESE211T 832-000	UNIT	04-112-407		ZE
845-114-023	1ESE210T			408	1ESE210T 832-000	UNIT	04-112-408		ZE
	NC			409					ZE
845-115-024	1ESE209T			410	1ESE209T 832-000	UNIT	04-112-410		ZE
845-112-024	1ESE208T			411	1ESE208T 832-000	UNIT	04-112-411		ZE
	NC			413					ZE
845-113-013	1ESE207T			414	1ESE207T 832-000	UNIT	04-112-414		ZE
845-114-014	1ESE206T			415	1ESE206T 832-000	UNIT	04-112-415		ZE
	NC			416					ZE
845-115-015	1ESE205T			417	1ESE205T 832-000	UNIT	04-112-417		ZE
845-112-015	1ESE204T			418	1ESE204T 832-000	UNIT	04-112-418		ZE
	NC			419					ZE
845-113-016	1ESE203T			420	1ESE203T 832-000	UNIT	04-112-420		ZE
845-114-017	1ESE202T			421	1ESE202T 832-000	UNIT	04-112-421		ZE
	NC			422					ZE
845-115-018	1ESE201T			423	1ESE201T 832-000	UNIT	04-112-423		ZE
845-112-018	1ESE200T			424	1ESE200T 832-000	UNIT	04-112-424		ZE
845-114-019	1ESE215C			500	1ESE215C 832-000	UNIT	04-112-500		ZE
845-115-020	1ESE214C			501	1ESE214C 832-000	UNIT	04-112-501		ZE
	NC			502					ZE
845-112-020	1ESE213C			503	1ESE213C 832-000	UNIT	04-112-503		ZE
845-113-021	1ESE212C			504	1ESE212C 832-000	UNIT	04-112-504		ZE
	NC			505					ZE
845-114-022	1ESE211C			506	1ESE211C 832-000	UNIT	04-112-506		ZE
845-115-023	1ESE210C			507	1ESE210C 832-000	UNIT	04-112-507		ZE
	NC			508					ZE
845-112-023	1ESE209C			509	1ESE209C 832-000	UNIT	04-112-509		ZE
845-113-024	1ESE208C			510	1ESE208C 832-000	UNIT	04-112-510		ZE
	NC			511					ZE
845-114-013	1ESE207C			513	1ESE207C 832-000	UNIT	04-112-513		ZE
845-115-014	1ESE206C			514	1ESE206C 832-000	UNIT	04-112-514		ZE
	NC			515					ZE

AP FIG 1 CAD 175 (CONT'D)										AP FIG 1 CAD 176 (CONT'D)										AP FIG 1 CAD 176 (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
.....J1					445-176 (CONT'D)					J1					728-006 (CONT'D)					JT					745-006 (CONT'D)				
JACK/UNIT (EBU).....					JACK/UNIT (EBU).....					JACK/UNIT (EBU).....					JACK/UNIT (EBU).....					JACK/UNIT (EBU).....					JACK/UNIT (EBU).....				
628-137-033	NC			455	628-137-033	NC				628-137-048	1ESTER1C			252	628-137-048	1ESTER1C			252	628-137-048	1ESTER1C			252	628-137-048	1ESTER1C			252
628-136-036	NC			456	628-136-036	NC				628-136-050	1ESTCD3T			253	628-136-050	1ESTCD3T			253	628-136-050	1ESTCD3T			253	628-136-050	1ESTCD3T			253
628-137-039	NC			532	628-137-039	NC				628-136-033	NC			254	628-136-033	NC			254	628-136-033	NC			254	628-136-033	NC			254
628-136-042	NC			533	628-136-042	NC				628-137-036	1ESTEROT			255	628-137-036	1ESTEROT			255	628-137-036	1ESTEROT			255	628-137-036	1ESTEROT			255
628-137-039	NC			534	628-137-039	NC				628-136-039	NC			256	628-136-039	NC			256	628-136-039	NC			256	628-136-039	NC			256
628-116-551	NC			535	628-116-551	NC				628-137-042	1ESTCD3C			332	628-137-042	1ESTCD3C			332	628-137-042	1ESTCD3C			332	628-137-042	1ESTCD3C			332
628-116-552	NC			536	628-116-552	NC				628-116-351	1EEXM3T			333	628-116-351	1EEXM3T			333	628-116-351	1EEXM3T			333	628-116-351	1EEXM3T			333
628-116-553	NC			537	628-116-553	NC				628-116-352	GRD			334	628-116-352	GRD			334	628-116-352	GRD			334	628-116-352	GRD			334
628-116-554	NC			538	628-116-554	NC				628-116-353	1EEXM0C			335	628-116-353	1EEXM0C			335	628-116-353	1EEXM0C			335	628-116-353	1EEXM0C			335
628-116-555	NC			539	628-116-555	NC				628-116-354	1EEXM0C			336	628-116-354	1EEXM0C			336	628-116-354	1EEXM0C			336	628-116-354	1EEXM0C			336
628-116-556	NC			540	628-116-556	NC				628-116-355	1EEXM0C			337	628-116-355	1EEXM0C			337	628-116-355	1EEXM0C			337	628-116-355	1EEXM0C			337
628-116-557	NC			541	628-116-557	NC				628-116-356	1EEXM0C			338	628-116-356	1EEXM0C			338	628-116-356	1EEXM0C			338	628-116-356	1EEXM0C			338
628-116-558	NC			542	628-116-558	NC				628-116-357	1EEXM0C			339	628-116-357	1EEXM0C			339	628-116-357	1EEXM0C			339	628-116-357	1EEXM0C			339
628-116-559	NC			543	628-116-559	NC				628-116-358	1EEXM0C			340	628-116-358	1EEXM0C			340	628-116-358	1EEXM0C			340	628-116-358	1EEXM0C			340
628-116-560	NC			544	628-116-560	NC				628-116-359	1EEXM0C			341	628-116-359	1EEXM0C			341	628-116-359	1EEXM0C			341	628-116-359	1EEXM0C			341
628-116-561	NC			545	628-116-561	NC				628-116-360	1EEXM0C			342	628-116-360	1EEXM0C			342	628-116-360	1EEXM0C			342	628-116-360	1EEXM0C			342
628-116-562	NC			546	628-116-562	NC				628-116-361	1EEXM0C			343	628-116-361	1EEXM0C			343	628-116-361	1EEXM0C			343	628-116-361	1EEXM0C			343
628-116-563	NC			547	628-116-563	NC				628-116-362	1EEXM0C			344	628-116-362	1EEXM0C			344	628-116-362	1EEXM0C			344	628-116-362	1EEXM0C			344
628-116-564	NC			548	628-116-564	NC				628-116-363	1EEXM0C			345	628-116-363	1EEXM0C			345	628-116-363	1EEXM0C			345	628-116-363	1EEXM0C			345
628-116-565	NC			549	628-116-565	NC				628-116-364	1EEXM0C			346	628-116-364	1EEXM0C			346	628-116-364	1EEXM0C			346	628-116-364	1EEXM0C			346
628-116-566	NC			550	628-116-566	NC				628-116-365	1EEXM0C			347	628-116-365	1EEXM0C			347	628-116-365	1EEXM0C			347	628-116-365	1EEXM0C			347
628-137-046	NC			551	628-137-046	NC				628-116-366	1EEXM0C			348	628-116-366	1EEXM0C			348	628-116-366	1EEXM0C			348	628-116-366	1EEXM0C			348
628-136-049	NC			552	628-136-049	NC				628-116-367	1EEXM0C			349	628-116-367	1EEXM0C			349	628-116-367	1EEXM0C			349	628-116-367	1EEXM0C			349
628-136-049	NC			553	628-136-049	NC				628-116-368	1EEXM0C			350	628-116-368	1EEXM0C			350	628-116-368	1EEXM0C			350	628-116-368	1EEXM0C			350
628-136-049	NC			554	628-136-049	NC				628-116-369	1EEXM0C			351	628-116-369	1EEXM0C			351	628-116-369	1EEXM0C			351	628-116-369	1EEXM0C			351
628-136-049	NC			555	628-136-049	NC				628-116-370	1EEXM0C			352	628-116-370	1EEXM0C			352	628-116-370	1EEXM0C			352	628-116-370	1EEXM0C			352
628-136-049	NC			556	628-136-049	NC				628-116-371	1EEXM0C			353	628-116-371	1EEXM0C			353	628-116-371	1EEXM0C			353	628-116-371	1EEXM0C			353
.....J1					728-006 (CONT'D)					JT					745-006 (CONT'D)														
JACK/UNIT (EBU).....					JACK/UNIT (EBU).....					JACK/UNIT (EBU).....					JACK/UNIT (EBU).....														
628-135-035	NC			232	628-135-035	NC				628-135-035	1ESTER1C			232	628-135-035	1ESTER1C			232	628-135-035	1ESTER1C			232	628-135-035	1ESTER1C			232
628-134-037	NC			233	628-134-037	NC				628-134-037	1ESTCD1T			233	628-134-037	1ESTCD1T			233	628-134-037	1ESTCD1T			233	628-134-037	1ESTCD1T			233
628-135-041	NC			234	628-135-041	NC				628-135-041	1ESTER3C			234	628-135-041	1ESTER3C			234	628-135-041	1ESTER3C			234	628-135-041	1ESTER3C			234
628-134-043	NC			235	628-134-043	NC				628-134-043	1ESTCD3T			235	628-134-043	1ESTCD3T			235	628-134-043	1ESTCD3T			235	628-134-043	1ESTCD3T			235
628-116-239	NC			236	628-116-239	NC				</																			

0123456789									
AP FIG 1 CAD 176 (CONT'D)									
AP FIG 19 CAD 178 ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 1									
AP FIG 19 CAD 179 (CONT'D)									
AP FIG 19 CAD 177 ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 0									
AP FIG 19 CAD 179 ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 2									
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AT&T SD-5D144-02 GB154									
PRINTED IN U.S.A.									

AP FIG 19 CAD 180

ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				328-142	JACK/UNIT	(EBU).....			
319-173-422	GRD			000	GRD	324-000	UNIT	04-142-000	ZE
319-173-423	30C1SYT			001	30C1SYT	324-000	UNIT	04-142-001	ZE
319-173-424	30C165T			002	30C165T	324-000	UNIT	04-142-002	ZE
319-163-422	GRD			003	GRD	324-000	UNIT	04-142-003	ZE
319-163-423	30C05YT			004	30C05YT	324-000	UNIT	04-142-004	ZE
319-163-424	30C065T			005	30C065T	324-000	UNIT	04-142-005	ZE
	NC			006					
	NC			007					
	NC			008					
319-143-222	GRD			009	GRD	324-000	UNIT	04-142-009	ZE
319-143-223	30F2SYT			010	30F2SYT	324-000	UNIT	04-142-010	ZE
319-143-224	30F265T			011	30F265T	324-000	UNIT	04-142-011	ZE
	NC			013					
	NC			014					
	NC			015					
319-131-222	GRD			016	GRD	324-000	UNIT	04-142-016	ZE
319-131-223	30F1SYT			017	30F1SYT	324-000	UNIT	04-142-017	ZE
319-131-224	30F165T			018	30F165T	324-000	UNIT	04-142-018	ZE
	NC			019					
	NC			020					
	NC			021					
319-121-222	GRD			022	GRD	324-000	UNIT	04-142-022	ZE
319-121-223	30F05YT			023	30F05YT	324-000	UNIT	04-142-023	ZE
319-121-224	30F065T			024	30F065T	324-000	UNIT	04-142-024	ZE
319-173-522	30C1SYC			100	30C1SYC	324-000	UNIT	04-142-100	ZE
319-173-523	30C165C			101	30C165C	324-000	UNIT	04-142-101	ZE
319-173-524	GRD			102	GRD	324-000	UNIT	04-142-102	ZE
319-163-522	30C05YC			103	30C05YC	324-000	UNIT	04-142-103	ZE
319-163-523	30C065C			104	30C065C	324-000	UNIT	04-142-104	ZE
319-163-524	GRD			105	GRD	324-000	UNIT	04-142-105	ZE
	NC			106					
	NC			107					
319-143-321	GRD			108	GRD	324-000	UNIT	04-142-108	ZE
319-143-322	30F2SYC			109	30F2SYC	324-000	UNIT	04-142-109	ZE
319-143-323	30F265C			110	30F265C	324-000	UNIT	04-142-110	ZE
319-143-324	GRD			111	GRD	324-000	UNIT	04-142-111	ZE
	NC			113					
	NC			114					
319-131-321	GRD			115	GRD	324-000	UNIT	04-142-115	ZE
319-131-322	30F1SYC			116	30F1SYC	324-000	UNIT	04-142-116	ZE
319-131-323	30F165C			117	30F165C	324-000	UNIT	04-142-117	ZE
319-131-324	GRD			118	GRD	324-000	UNIT	04-142-118	ZE
	NC			119					
	NC			120					
319-121-321	GRD			121	GRD	324-000	UNIT	04-142-121	ZE
319-121-322	30F05YC			122	30F05YC	324-000	UNIT	04-142-122	ZE
319-121-323	30F065C			123	30F065C	324-000	UNIT	04-142-123	ZE
319-121-324	GRD			124	GRD	324-000	UNIT	04-142-124	ZE

AP FIG 1 CAD 181

ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 4

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				428-176	JACK/UNIT	(EBU).....			
	GRD			032	GRD	424-000	UNIT	04-176-032	
	NC			033					
	NC			034					
	GRD			035	GRD	424-000	UNIT	04-176-035	
419-121-223	40F05YT			036	40F05YT	424-000	UNIT	04-176-036	
419-121-224	40F065T			037	40F065T	424-000	UNIT	04-176-037	
	GRD			038	GRD	424-000	UNIT	04-176-038	
	NC			039					
	NC			040					
419-131-223	GRD			041	GRD	424-000	UNIT	04-176-041	
419-131-224	40F1SYT			042	40F1SYT	424-000	UNIT	04-176-042	
	40F165T			043	40F165T	424-000	UNIT	04-176-043	
	GRD			045	GRD	424-000	UNIT	04-176-045	
	NC			046					
	NC			047					
419-143-223	GRD			048	GRD	424-000	UNIT	04-176-048	
419-143-224	40F2SYT			049	40F2SYT	424-000	UNIT	04-176-049	
	40F265T			050	40F265T	424-000	UNIT	04-176-050	
419-163-423	GRD			051	GRD	424-000	UNIT	04-176-051	
	40C05YT			052	40C05YT	424-000	UNIT	04-176-052	

AP FIG 1 CAD 181

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				428-176	JACK/UNIT	(EBU).....			
	40C065T			053	40C065T	424-000	UNIT	04-176-053	
	GRD			054	GRD	424-000	UNIT	04-176-054	
419-173-423	40C1SYT			055	40C1SYT	424-000	UNIT	04-176-055	
419-173-424	40C165T			056	40C165T	424-000	UNIT	04-176-056	
	NC			132					
	NC			133					
	GRD			134	GRD	424-000	UNIT	04-176-134	
419-121-322	40F05YC			135	40F05YC	424-000	UNIT	04-176-135	
419-121-323	40F065C			136	40F065C	424-000	UNIT	04-176-136	
	GRD			137	GRD	424-000	UNIT	04-176-137	
	NC			138					
	NC			139					
	GRD			140	GRD	424-000	UNIT	04-176-140	
419-131-322	40F1SYC			141	40F1SYC	424-000	UNIT	04-176-141	
419-131-323	40F165C			142	40F165C	424-000	UNIT	04-176-142	
	GRD			143	GRD	424-000	UNIT	04-176-143	
	NC			145					
	NC			146					
	GRD			147	GRD	424-000	UNIT	04-176-147	
419-143-322	40F2SYC			148	40F2SYC	424-000	UNIT	04-176-148	
419-143-323	40F265C			149	40F265C	424-000	UNIT	04-176-149	
	GRD			150	GRD	424-000	UNIT	04-176-150	
419-163-522	40C05YC			151	40C05YC	424-000	UNIT	04-176-151	
419-163-523	40C065C			152	40C065C	424-000	UNIT	04-176-152	
	GRD			153	GRD	424-000	UNIT	04-176-153	
419-173-522	40C1SYC			154	40C1SYC	424-000	UNIT	04-176-154	
419-173-523	40C165C			155	40C165C	424-000	UNIT	04-176-155	
	GRD			156	GRD	424-000	UNIT	04-176-156	

AP FIG 1 CAD 182

ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 5

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J1				428-176	JACK/UNIT	(EBU).....			
519-173-422	GRD			000	GRD	424-000	UNIT	04-176-000	
519-173-423	50C1SYT			001	50C1SYT	424-000	UNIT	04-176-001	
519-173-424	50C165T			002	50C165T	424-000	UNIT	04-176-002	
519-163-422	GRD			003	GRD	424-000	UNIT	04-176-003	
519-163-423	50C05YT			004	50C05YT	424-000	UNIT	04-176-004	
519-163-424	50C065T			005	50C065T	424-000	UNIT	04-176-005	
	NC			006					
	NC			007					
	NC			008					
519-143-222	GRD			009	GRD	424-000	UNIT	04-176-009	
519-143-223	50F2SYT			010	50F2SYT	424-000	UNIT	04-176-010	
519-143-224	50F265T			011	50F265T	424-000	UNIT	04-176-011	
	NC			013					
	NC			014					
	NC			015					
519-131-222	GRD			016	GRD	424-000	UNIT	04-176-016	
519-131-223	50F1SYT			017	50F1SYT	424-000	UNIT	04-176-017	
519-131-224	50F165T			018	50F165T	424-000	UNIT	04-176-018	
	NC			019					
	NC			020					
	NC			021					
519-121-222	GRD			022	GRD	424-000	UNIT	04-176-022	
519-121-223	50F05YT			023	50F05YT	424-000	UNIT	04-176-023	
519-121-224	50F065T			024	50F065T	424-000	UNIT	04-176-024	
519-173-522	50C1SYC			100	50C1SYC	424-000	UNIT	04-176-100	
519-173-523	50C165C			101	50C165C	424-000	UNIT	04-176-101	
519-173-524	GRD			102	GRD	424-000	UNIT	04-176-102	
519-163-522	50C05YC			103	50C05YC	424-000	UNIT	04-176-103	
519-163-523	50C065C			104	50C065C	424-000	UNIT	04-176-104	
519-163-524	GRD			105	GRD	424-000	UNIT	04-176-105	
	NC			106					
	NC			107					
519-143-321	GRD			108	GRD	424-000	UNIT	04-176-108	
519-143-322	50F2SYC			109	50F2SYC	424-000	UNIT	04-176-109	
519-143-323	50F265C			110	50F265C	424-000	UNIT	04-176-110	
519-143-324	GRD			111	GRD	424-000	UNIT	04-176-111	
	NC			113					
	NC			114					
519-131-321	GRD			115	GRD	424-000	UNIT	04-176-115	

AP FIG 1 CAD 182

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIPE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1			428-176 (CONT'D)	JACK/UNIT	(EBU).....				
519-131-322	50F1SYC		116	50F1SYC	424-000	UNIT	04-176-116		
519-131-323	50F165C		117	50F165C	424-000	UNIT	04-176-117		
519-131-324	GRD		118	GRD	424-000	UNIT	04-176-118		
	NC		119						
	NC		120						
519-121-321	GRD		121	GRD	424-000	UNIT	04-176-121		
519-121-322	50F0SYC		122	50F0SYC	424-000	UNIT	04-176-122		
519-121-323	50F065C		123	50F065C	424-000	UNIT	04-176-123		
519-121-324	GRD		124	GRD	424-000	UNIT	04-176-124		

AP FIG 19 CAD 187

ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 10

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
J1				1028-142	JACK/UNIT	(EBU)			
1019-173-422	GRD		000	GRD	1024-000 UNIT	04-142-000	ZG		
1019-173-423	100C1SYT		001	100C1SYT	1024-000 UNIT	04-142-001	ZG		
1019-173-424	100C165T		002	100C165T	1024-000 UNIT	04-142-002	ZG		
1019-163-422	GRD		003	GRD	1024-000 UNIT	04-142-003	ZG		
1019-163-423	100C0SYT		004	100C0SYT	1024-000 UNIT	04-142-004	ZG		
1019-163-424	100C065T		005	100C065T	1024-000 UNIT	04-142-005	ZG		
	NC		006				ZG		
	NC		007				ZG		
	NC		008				ZG		
1019-143-222	GRD		009	GRD	1024-000 UNIT	04-142-009	ZG		
1019-143-223	100F2SYT		010	100F2SYT	1024-000 UNIT	04-142-010	ZG		
1019-143-224	100F265T		011	100F265T	1024-000 UNIT	04-142-011	ZG		
	NC		013				ZG		
	NC		014				ZG		
	NC		015				ZG		
1019-131-222	GRD		016	GRD	1024-000 UNIT	04-142-016	ZG		
1019-131-223	100F1SYT		017	100F1SYT	1024-000 UNIT	04-142-017	ZG		
1019-131-224	100F165T		018	100F165T	1024-000 UNIT	04-142-018	ZG		
	NC		019				ZG		
	NC		020				ZG		
	NC		021				ZG		
1019-121-222	GRD		022	GRD	1024-000 UNIT	04-142-022	ZG		
1019-121-223	100F0SYT		023	100F0SYT	1024-000 UNIT	04-142-023	ZG		
1019-121-224	100F065T		024	100F065T	1024-000 UNIT	04-142-024	ZG		
1019-173-522	100C1SYC		100	100C1SYC	1024-000 UNIT	04-142-100	ZG		
1019-173-523	100C165C		101	100C165C	1024-000 UNIT	04-142-101	ZG		
1019-173-524	GRD		102	GRD	1024-000 UNIT	04-142-102	ZG		
1019-163-522	100C0SYC		103	100C0SYC	1024-000 UNIT	04-142-103	ZG		
1019-163-523	100C065C		104	100C065C	1024-000 UNIT	04-142-104	ZG		
1019-163-524	GRD		105	GRD	1024-000 UNIT	04-142-105	ZG		
	NC		106				ZG		
	NC		107				ZG		
1019-143-321	GRD		108	GRD	1024-000 UNIT	04-142-108	ZG		
1019-143-322	100F2SYC		109	100F2SYC	1024-000 UNIT	04-142-109	ZG		
1019-143-323	100F265C		110	100F265C	1024-000 UNIT	04-142-110	ZG		
1019-143-324	GRD		111	GRD	1024-000 UNIT	04-142-111	ZG		
	NC		113				ZG		
	NC		114				ZG		
1019-131-321	GRD		115	GRD	1024-000 UNIT	04-142-115	ZG		
1019-131-322	100F1SYC		116	100F1SYC	1024-000 UNIT	04-142-116	ZG		
1019-131-323	100F165C		117	100F165C	1024-000 UNIT	04-142-117	ZG		
1019-131-324	GRD		118	GRD	1024-000 UNIT	04-142-118	ZG		
	NC		119				ZG		
	NC		120				ZG		
1019-121-321	GRD		121	GRD	1024-000 UNIT	04-142-121	ZG		
1019-121-322	100F0SYC		122	100F0SYC	1024-000 UNIT	04-142-122	ZG		
1019-121-323	100F065C		123	100F065C	1024-000 UNIT	04-142-123	ZG		
1019-121-324	GRD		124	GRD	1024-000 UNIT	04-142-124	ZG		

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ECL-BUS UNIT TRANSMIT CLOCK, LOWER TMSU2 BAY 11

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
J1				1128-142	JACK/UNIT	(EBU)			
1119-173-422	GRD		000	GRD	1124-000 UNIT	04-142-000	ZJ		
1119-173-423	110C1SYT		001	110C1SYT	1124-000 UNIT	04-142-001	ZJ		
1119-173-424	110C165T		002	110C165T	1124-000 UNIT	04-142-002	ZJ		
1119-163-422	GRD		003	GRD	1124-000 UNIT	04-142-003	ZJ		
1119-163-423	110C0SYT		004	110C0SYT	1124-000 UNIT	04-142-004	ZJ		
1119-163-424	110C065T		005	110C065T	1124-000 UNIT	04-142-005	ZJ		
	NC		006				ZJ		
	NC		007				ZJ		
	NC		008				ZJ		
1119-143-222	GRD		009	GRD	1124-000 UNIT	04-142-009	ZJ		
1119-143-223	110F2SYT		010	110F2SYT	1124-000 UNIT	04-142-010	ZJ		
1119-143-224	110F265T		011	110F265T	1124-000 UNIT	04-142-011	ZJ		
	NC		013				ZJ		
	NC		014				ZJ		
	NC		015				ZJ		
1119-131-222	GRD		016	GRD	1124-000 UNIT	04-142-016	ZJ		
1119-131-223	110F1SYT		017	110F1SYT	1124-000 UNIT	04-142-017	ZJ		
1119-131-224	110F165T		018	110F165T	1124-000 UNIT	04-142-018	ZJ		
	NC		019				ZJ		
	NC		020				ZJ		

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(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
J1				1128-142	JACK/UNIT	(EBU)			
				(CONT'D)					
1119-121-222	NC		021						
1119-121-223	GRD		022	GRD	1124-000 UNIT	04-142-022	ZJ		
1119-121-224	110F0SYT		023	110F0SYT	1124-000 UNIT	04-142-023	ZJ		
1119-173-522	110C1SYC		100	110C1SYC	1124-000 UNIT	04-142-100	ZJ		
1119-173-523	110C165C		101	110C165C	1124-000 UNIT	04-142-101	ZJ		
1119-173-524	GRD		102	GRD	1124-000 UNIT	04-142-102	ZJ		
1119-163-522	110C0SYC		103	110C0SYC	1124-000 UNIT	04-142-103	ZJ		
1119-163-523	110C065C		104	110C065C	1124-000 UNIT	04-142-104	ZJ		
1119-163-524	GRD		105	GRD	1124-000 UNIT	04-142-105	ZJ		
	NC		106				ZJ		
	NC		107				ZJ		
1119-143-321	GRD		108	GRD	1124-000 UNIT	04-142-108	ZJ		
1119-143-322	110F2SYC		109	110F2SYC	1124-000 UNIT	04-142-109	ZJ		
1119-143-323	110F265C		110	110F265C	1124-000 UNIT	04-142-110	ZJ		
1119-143-324	GRD		111	GRD	1124-000 UNIT	04-142-111	ZJ		
	NC		113				ZJ		
	NC		114				ZJ		
1119-131-321	GRD		115	GRD	1124-000 UNIT	04-142-115	ZJ		
1119-131-322	110F1SYC		116	110F1SYC	1124-000 UNIT	04-142-116	ZJ		
1119-131-323	110F165C		117	110F165C	1124-000 UNIT	04-142-117	ZJ		
1119-131-324	GRD		118	GRD	1124-000 UNIT	04-142-118	ZJ		
	NC		119				ZJ		
	NC		120				ZJ		
1119-121-321	GRD		121	GRD	1124-000 UNIT	04-142-121	ZJ		
1119-121-322	110F0SYC		122	110F0SYC	1124-000 UNIT	04-142-122	ZJ		
1119-121-323	110F065C		123	110F065C	1124-000 UNIT	04-142-123	ZJ		
1119-121-324	GRD		124	GRD	1124-000 UNIT	04-142-124	ZJ		

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ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 0

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIPE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				045-142	JACK/UNIT	(EBU).....			
036-173-422	GRD		000	GRD	041-000 UNIT	04-142-000	ZJ		
036-173-423	0EC1SYT		001	0EC1SYT	041-000 UNIT	04-142-001	ZJ		
036-173-424	0EC165T		002	0EC165T	041-000 UNIT	04-142-002	ZJ		
036-163-422	GRD		003	GRD	041-000 UNIT	04-142-003	ZJ		
036-163-423	0EC0SYT		004	0EC0SYT	041-000 UNIT	04-142-004	ZJ		
036-163-424	0EC065T		005	0EC065T	041-000 UNIT	04-142-005	ZJ		
	NC		006				ZJ		
	NC		007						
	NC		008						
036-143-222	GRD		009	GRD	041-000 UNIT	04-142-009	ZJ		
036-143-223	0EF2SYT		010	0EF2SYT	041-000 UNIT	04-142-010	ZJ		
036-143-224	0EF265T		011	0EF265T	041-000 UNIT	04-142-011	ZJ		
	NC		013				ZJ		
	NC		014						
	NC		015						
036-131-222	GRD		016	GRD	041-000 UNIT	04-142-016	ZJ		
036-131-223	0EF1SYT		017	0EF1SYT	041-000 UNIT	04-142-017	ZJ		
036-131-224	0EF165T		018	0EF165T	041-000 UNIT	04-142-018	ZJ		
	NC		019				ZJ		
	NC		020						
	NC		021						
036-121-222	GRD		022	GRD	041-000 UNIT	04-142-022	ZJ		
036-121-223	0EF0SYT		023	0EF0SYT	041-000 UNIT	04-142-023	ZJ		
036-121-224	0EF065T		024	0EF065T	041-000 UNIT	04-142-024	ZJ		
036-173-522	0EC1SYC		100	0EC1SYC	041-000 UNIT	04-142-100	ZJ		
036-173-523	0EC165C		101	0EC165C	041-000 UNIT	04-142-101	ZJ		
036-173-524	GRD		102	GRD	041-000 UNIT	04-142-102	ZJ		
036-163-522	0EC0SYC		103	0EC0SYC	041-000 UNIT	04-142-103	ZJ		
036-163-523	0EC065C		104	0EC065C	041-000 UNIT	04-142-104	ZJ		
036-163-524	GRD		105	GRD	041-000 UNIT	04-142-105	ZJ		
	NC		106						
	NC		107						
036-143-321	GRD		108	GRD	041-000 UNIT	04-142-108	ZJ		
036-143-322	0EF2SYC		109	0EF2SYC	041-000 UNIT	04-142-109	ZJ		
036-143-323	0EF265C		110	0EF265C	041-000 UNIT	04-142-110	ZJ		
036-143-324	GRD		111	GRD	041-000 UNIT	04-142-111	ZJ		
	NC		113						
	NC		114						
036-131-321	GRD		115	GRD	041-000 UNIT	04-142-115	ZJ		

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ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 1

TO CONNECTION				FROM CONNECTION				OPT	NO
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				145-142	JACK/UNIT	(EBU)			
136-173-422	GRD			000	GRD	141-000	UNIT	04-142-000	ZG
136-173-423	1EC1SYT			001	1EC1SYT	141-000	UNIT	04-142-001	ZG
136-173-424	1EC16ST			002	1EC16ST	141-000	UNIT	04-142-002	ZG
136-163-422	GRD			003	GRD	141-000	UNIT	04-142-003	ZG
136-163-423	1EC0SYT			004	1EC0SYT	141-000	UNIT	04-142-004	ZG
136-163-424	1EC06ST			005	1EC06ST	141-000	UNIT	04-142-005	ZG
	NC			006					ZG
	NC			007					
	NC			008					
136-143-222	GRD			009	GRD	141-000	UNIT	04-142-009	ZG
136-143-223	1EF2SYT			010	1EF2SYT	141-000	UNIT	04-142-010	ZG
136-143-224	1EF26ST			011	1EF26ST	141-000	UNIT	04-142-011	ZG
	NC			013					ZG
	NC			014					
	NC			015					
136-131-222	GRD			016	GRD	141-000	UNIT	04-142-016	ZG
136-131-223	1EF1SYT			017	1EF1SYT	141-000	UNIT	04-142-017	ZG
136-131-224	1EF16ST			018	1EF16ST	141-000	UNIT	04-142-018	ZG
	NC			019					ZG
	NC			020					
	NC			021					
136-121-222	GRD			022	GRD	141-000	UNIT	04-142-022	ZG
136-121-223	1EF0SYT			023	1EF0SYT	141-000	UNIT	04-142-023	ZG
136-121-224	1EF06ST			024	1EF06ST	141-000	UNIT	04-142-024	ZG
136-173-522	1EC1SYC			100	1EC1SYC	141-000	UNIT	04-142-100	ZG
136-173-523	1EC16SC			101	1EC16SC	141-000	UNIT	04-142-101	ZG
136-173-524	GRD			102	GRD	141-000	UNIT	04-142-102	ZG
136-163-522	1EC0SYC			103	1EC0SYC	141-000	UNIT	04-142-103	ZG
136-163-523	1EC06SC			104	1EC06SC	141-000	UNIT	04-142-104	ZG
136-163-524	GRD			105	GRD	141-000	UNIT	04-142-105	ZG
	NC			106					
	NC			107					
136-143-321	GRD			108	GRD	141-000	UNIT	04-142-108	ZG
136-143-322	1EF2SYC			109	1EF2SYC	141-000	UNIT	04-142-109	ZG
136-143-323	1EF26SC			110	1EF26SC	141-000	UNIT	04-142-110	ZG
136-143-324	GRD			111	GRD	141-000	UNIT	04-142-111	ZG
	NC			113					
	NC			114					
136-131-321	GRD			115	GRD	141-000	UNIT	04-142-115	ZG
136-131-322	1EF1SYC			116	1EF1SYC	141-000	UNIT	04-142-116	ZG
136-131-323	1EF16SC			117	1EF16SC	141-000	UNIT	04-142-117	ZG
136-131-324	GRD			118	GRD	141-000	UNIT	04-142-118	ZG
	NC			119					
	NC			120					
136-121-321	GRD			121	GRD	141-000	UNIT	04-142-121	ZG
136-121-322	1EF0SYC			122	1EF0SYC	141-000	UNIT	04-142-122	ZG
136-121-323	1EF06SC			123	1EF06SC	141-000	UNIT	04-142-123	ZG
136-121-324	GRD			124	GRD	141-000	UNIT	04-142-124	ZG

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ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 2

-----TO CONNECTION-----				-----FROM CONNECTION-----					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				245-142	JACK/UNIT	(EBU).....			
236-173-422	GRD			000	GRD	241-000 UNIT	04-142-000	ZF	
236-173-423	2EC1SYT			001	2EC1SYT	241-000 UNIT	04-142-001	ZF	
236-173-424	2EC16ST			002	2EC16ST	241-000 UNIT	04-142-002	ZF	
236-163-422	GRD			003	GRD	241-000 UNIT	04-142-003	ZF	
236-163-423	2EC0SYT			004	2EC0SYT	241-000 UNIT	04-142-004	ZF	
236-163-424	2EC06ST			005	2EC06ST	241-000 UNIT	04-142-005	ZF	
	NC			006					
	NC			007					ZF
	NC			008					
236-143-222	GRD			009	GRD	241-000 UNIT	04-142-009	ZF	
236-143-223	2EF2SYT			010	2EF2SYT	241-000 UNIT	04-142-010	ZF	
236-143-224	2EF26ST			011	2EF26ST	241-000 UNIT	04-142-011	ZF	
	NC			013					ZF
	NC			014					
	NC			015					
236-131-222	GRD			016	GRD	241-000 UNIT	04-142-016	ZF	
236-131-223	2EF1SYT			017	2EF1SYT	241-000 UNIT	04-142-017	ZF	
236-131-224	2EF16ST			018	2EF16ST	241-000 UNIT	04-142-018	ZF	
	NC			019					ZF
	NC			020					

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(CONT'D)

TO CONNECTION				FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....J1				245-142 (CONT'D)	JACK/UNIT	(EBU).....				
	NC			021						
236-121-222	GRD			022	GRD	241-000 UNIT	04-142-022	ZF		
236-121-223	2EF0SYT			023	2EF0SYT	241-000 UNIT	04-142-023	ZF		
236-121-224	2EF06ST			024	2EF06ST	241-000 UNIT	04-142-024	ZF		
236-173-522	2EC1SYC			100	2EC1SYC	241-000 UNIT	04-142-100	ZF		
236-173-523	2EC16SC			101	2EC16SC	241-000 UNIT	04-142-101	ZF		
236-173-524	GRD			102	GRD	241-000 UNIT	04-142-102	ZF		
236-163-522	2EC0SYC			103	2EC0SYC	241-000 UNIT	04-142-103	ZF		
236-163-523	2EC06SC			104	2EC06SC	241-000 UNIT	04-142-104	ZF		
236-163-524	GRD			105	GRD	241-000 UNIT	04-142-105	ZF		
	NC			106						
	NC			107						
236-143-321	GRD			108	GRD	241-000 UNIT	04-142-108	ZF		
236-143-322	2EF2SYC			109	2EF2SYC	241-000 UNIT	04-142-109	ZF		
236-143-323	2EF26SC			110	2EF26SC	241-000 UNIT	04-142-110	ZF		
236-143-324	GRD			111	GRD	241-000 UNIT	04-142-111	ZF		
	NC			113						
	NC			114						
236-131-321	GRD			115	GRD	241-000 UNIT	04-142-115	ZF		
236-131-322	2EF1SYC			116	2EF1SYC	241-000 UNIT	04-142-116	ZF		
236-131-323	2EF16SC			117	2EF16SC	241-000 UNIT	04-142-117	ZF		
236-131-324	GRD			118	GRD	241-000 UNIT	04-142-118	ZF		
	NC			119						
	NC			120						
236-121-321	GRD			121	GRD	241-000 UNIT	04-142-121	ZF		
236-121-322	2EF0SYC			122	2EF0SYC	241-000 UNIT	04-142-122	ZF		
236-121-323	2EF06SC			123	2EF06SC	241-000 UNIT	04-142-123	ZF		
236-121-324	GRD			124	GRD	241-000 UNIT	04-142-124	ZF		

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ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 3

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				345-142	JACK/UNIT	(EBU)	.....		
336-173-422	GRD			000	GRD	341-000	UNIT	04-142-000	ZE
336-173-423	3EC1SYT			001	3EC1SYT	341-000	UNIT	04-142-001	ZE
336-173-424	3EC16ST			002	3EC16ST	341-000	UNIT	04-142-002	ZE
336-163-422	GRD			003	GRD	341-000	UNIT	04-142-003	ZE
336-163-423	3EC0SYT			004	3EC0SYT	341-000	UNIT	04-142-004	ZE
336-163-424	3EC06ST			005	3EC06ST	341-000	UNIT	04-142-005	ZE
	NC			006					ZE
	NC			007					
	NC			008					
336-143-222	GRD			009	GRD	341-000	UNIT	04-142-009	ZE
336-143-223	3EF2SYT			010	3EF2SYT	341-000	UNIT	04-142-010	ZE
336-143-224	3EF26ST			011	3EF26ST	341-000	UNIT	04-142-011	ZE
	NC			013					ZE
	NC			014					
	NC			015					
336-131-222	GRD			016	GRD	341-000	UNIT	04-142-016	ZE
336-131-223	3EF1SYT			017	3EF1SYT	341-000	UNIT	04-142-017	ZE
336-131-224	3EF16ST			018	3EF16ST	341-000	UNIT	04-142-018	ZE
	NC			019					ZE
	NC			020					
	NC			021					
336-121-222	GRD			022	GRD	341-000	UNIT	04-142-022	ZE
336-121-223	3EF0SYT			023	3EF0SYT	341-000	UNIT	04-142-023	ZE
336-121-224	3EF06ST			024	3EF06ST	341-000	UNIT	04-142-024	ZE
336-173-522	3EC1SYC			100	3EC1SYC	341-000	UNIT	04-142-100	ZE
336-173-523	3EC16SC			101	3EC16SC	341-000	UNIT	04-142-101	ZE
336-173-524	GRD			102	GRD	341-000	UNIT	04-142-102	ZE
336-163-522	3EC0SYC			103	3EC0SYC	341-000	UNIT	04-142-103	ZE
336-163-523	3EC06SC			104	3EC06SC	341-000	UNIT	04-142-104	ZE
336-163-524	GRD			105	GRD	341-000	UNIT	04-142-105	ZE
	NC			106					
	NC			107					
336-143-321	GRD			108	GRD	341-000	UNIT	04-142-108	ZE
336-143-322	3EF2SYC			109	3EF2SYC	341-000	UNIT	04-142-109	ZE
336-143-323	3EF26SC			110	3EF26SC	341-000	UNIT	04-142-110	ZE
336-143-324	GRD			111	GRD	341-000	UNIT	04-142-111	ZE
	NC			113					
	NC			114					
336-131-321	GRD			115	GRD	341-000	UNIT	04-142-115	ZE

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(CONT'D)

AP FIG 1 CAD 193

ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 4

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1									
	GRD			445-176	JACK/UNIT	(EBU)			
	NC			032	GRD	441-000 UNIT	04-176-032		
	NC			033					
	NC			034					
	GRD			035					
436-121-223	4EF0SYT			036	GRD	441-000 UNIT	04-176-035		
436-121-224	4EF065T			037	4EF0SYT	441-000 UNIT	04-176-036		
	GRD			038	4EF065T	441-000 UNIT	04-176-037		
	NC			039	GRD	441-000 UNIT	04-176-038		
	NC			040					
	GRD			041					
436-131-223	4EF1SYT			042	GRD	441-000 UNIT	04-176-041		
436-131-224	4EF165T			043	4EF1SYT	441-000 UNIT	04-176-042		
	GRD			044	4EF165T	441-000 UNIT	04-176-043		
	NC			045	GRD	441-000 UNIT	04-176-044		
	NC			046					
	NC			047					
	GRD			048					
436-143-223	4EF2SYT			049	GRD	441-000 UNIT	04-176-048		
436-143-224	4EF265T			050	4EF2SYT	441-000 UNIT	04-176-049		
	GRD			051	4EF265T	441-000 UNIT	04-176-050		
436-163-423	4EC0SYT			052	GRD	441-000 UNIT	04-176-051		
436-163-424	4EC065T			053	4EC0SYT	441-000 UNIT	04-176-052		
	GRD			054	4EC065T	441-000 UNIT	04-176-053		
436-173-423	4EC1SYT			055	GRD	441-000 UNIT	04-176-054		
436-173-424	4EC165T			056	4EC1SYT	441-000 UNIT	04-176-055		
	NC			132	4EC165T	441-000 UNIT	04-176-056		
	NC			133					
	GRD			134					
436-121-322	4EF0SYC			135	GRD	441-000 UNIT	04-176-134		
436-121-323	4EF065C			136	4EF0SYC	441-000 UNIT	04-176-135		
	GRD			137	4EF065C	441-000 UNIT	04-176-136		
	NC			138	GRD	441-000 UNIT	04-176-137		
	NC			139					
	GRD			140					
436-131-322	4EF1SYC			141	GRD	441-000 UNIT	04-176-140		
436-131-323	4EF165C			142	4EF1SYC	441-000 UNIT	04-176-141		
	GRD			143	4EF165C	441-000 UNIT	04-176-142		
	NC			144	GRD	441-000 UNIT	04-176-143		
	NC			145					
	GRD			146					
436-143-322	4EF2SYC			147	GRD	441-000 UNIT	04-176-147		
436-143-323	4EF265C			148	4EF2SYC	441-000 UNIT	04-176-148		
	GRD			149	4EF265C	441-000 UNIT	04-176-149		
	GRD			150					
426-163-522	4EC0SYC			151	GRD	441-000 UNIT	04-176-150		
426-163-523	4EC065C			152	4EC0SYC	441-000 UNIT	04-176-151		
	GRD			153	4EC065C	441-000 UNIT	04-176-152		
436-173-522	4EC1SYC			154	GRD	441-000 UNIT	04-176-153		
436-173-523	4EC165C			155	4EC1SYC	441-000 UNIT	04-176-154		
	GRD			156	4EC165C	441-000 UNIT	04-176-155		
	GRD			156	GRD	441-000 UNIT	04-176-156		

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ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 5

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				445-176	JACK/UNIT	(EBU)	.....		
536-173-422	GRD			000	GRD	441-000 UNIT	04-176-000		
536-173-423	SEC1SYT			001	SEC1SYT	441-000 UNIT	04-176-001		
536-173-424	SEC165T			002	SEC165T	441-000 UNIT	04-176-002		
536-163-422	GRD			003	GRD	441-000 UNIT	04-176-003		
536-163-423	SEC0SYT			004	SEC0SYT	441-000 UNIT	04-176-004		
536-163-424	SEC065T			005	SEC065T	441-000 UNIT	04-176-005		
	NC			006					
	NC			007					
	NC			008					
536-143-222	GRD			009	GRD	441-000 UNIT	04-176-009		
536-143-223	5EF2SYT			010	5EF2SYT	441-000 UNIT	04-176-010		
536-143-224	5EF265T			011	5EF265T	441-000 UNIT	04-176-011		
	NC			013					
	NC			014					
	NC			015					
536-131-222	GRD			016	GRD	441-000 UNIT	04-176-016		
536-131-223	5EF1SYT			017	5EF1SYT	441-000 UNIT	04-176-017		
536-131-224	5EF165T			018	5EF165T	441-000 UNIT	04-176-018		
	NC			019					
	NC			020					

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(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				445-176 (CONT'D)	JACK/UNIT	(EBU)	.....		
	NC			021					
536-121-222	GRD			022	GRD	441-000 UNIT	04-176-022		
536-121-223	5EF0SYT			023	5EF0SYT	441-000 UNIT	04-176-023		
536-121-224	5EF065T			024	5EF065T	441-000 UNIT	04-176-024		
536-173-522	5EC1SYC			100	5EC1SYC	441-000 UNIT	04-176-100		
536-173-523	5EC165C			101	5EC165C	441-000 UNIT	04-176-101		
536-173-524	GRD			102	GRD	441-000 UNIT	04-176-102		
536-163-522	5EC0SYC			103	5EC0SYC	441-000 UNIT	04-176-103		
536-163-523	5EC065C			104	5EC065C	441-000 UNIT	04-176-104		
536-163-524	GRD			105	GRD	441-000 UNIT	04-176-105		
	NC			106					
	NC			107					
536-143-321	GRD			108	GRD	441-000 UNIT	04-176-108		
536-143-322	5EF2SYC			109	5EF2SYC	441-000 UNIT	04-176-109		
536-143-323	5EF265C			110	5EF265C	441-000 UNIT	04-176-110		
536-143-324	GRD			111	GRD	441-000 UNIT	04-176-111		
	NC			112					
	NC			113					
	NC			114					
536-131-321	GRD			115	GRD	441-000 UNIT	04-176-115		
536-131-322	5EF1SYC			116	5EF1SYC	441-000 UNIT	04-176-116		
536-131-323	5EF165C			117	5EF165C	441-000 UNIT	04-176-117		
536-131-324	GRD			118	GRD	441-000 UNIT	04-176-118		
	NC			119					
	NC			120					
536-121-321	GRD			121	GRD	441-000 UNIT	04-176-121		
536-121-322	5EF0SYC			122	5EF0SYC	441-000 UNIT	04-176-122		
536-121-323	5EF065C			123	5EF065C	441-000 UNIT	04-176-123		
536-121-324	GRD			124	GRD	441-000 UNIT	04-176-124		

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ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 6

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				745-013	JACK/UNIT	(EBU)	.....		
636-173-422	GRD			000	GRD	741-000 UNIT	04-013-000		
636-173-423	6EC1SYT			001	6EC1SYT	741-000 UNIT	04-013-001		
636-173-424	6EC165T			002	6EC165T	741-000 UNIT	04-013-002		
636-163-422	GRD			003	GRD	741-000 UNIT	04-013-003		
636-163-423	6EC0SYT			004	6EC0SYT	741-000 UNIT	04-013-004		
636-163-424	6EC065T			005	6EC065T	741-000 UNIT	04-013-005		
	NC			006					
	NC			007					
	NC			008					
636-143-222	GRD			009	GRD	741-000 UNIT	04-013-009		
636-143-223	6EF2SYT			010	6EF2SYT	741-000 UNIT	04-013-010		
636-143-224	6EF265T			011	6EF265T	741-000 UNIT	04-013-011		
	NC			012					
	NC			013					
	NC			014					
	NC			015					
636-131-222	GRD			016	GRD	741-000 UNIT	04-013-016		
636-131-223	6EF1SYT			017	6EF1SYT	741-000 UNIT	04-013-017		
636-131-224	6EF165T			018	6EF165T	741-000 UNIT	04-013-018		
	NC			019					
	NC			020					
	NC			021					
636-121-222	GRD			022	GRD	741-000 UNIT	04-013-022		
636-121-223	6EF0SYT			023	6EF0SYT	741-000 UNIT	04-013-023		
636-121-224	6EF065T			024	6EF065T	741-000 UNIT	04-013-024		
.....J1				745-012	JACK/UNIT	(EBU)	.....		
636-173-522	6EC1SYC			000	6EC1SYC	741-000 UNIT	04-012-000		
636-173-523	6EC165C			001	6EC165C	741-000 UNIT	04-012-001		
636-173-524	GRD			002	GRD	741-000 UNIT	04-012-002		
636-163-522	6EC0SYC			003	6EC0SYC	741-000 UNIT	04-012-003		
636-163-523	6EC065C			004	6EC065C	741-000 UNIT	04-012-004		
636-163-524	GRD			005	GRD	741-000 UNIT	04-012-005		
	NC			006					
	NC			007					
636-143-321	GRD			008	GRD	741-000 UNIT	04-012-008		
636-143-322	6EF2SYC			009	6EF2SYC	741-000 UNIT	04-012-009		
636-143-323	6EF265C			010	6EF265C	741-000 UNIT	04-012-010		

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(CONT'D)

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(CONT'D)

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ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 10

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1	745-013	JACK/UNIT	(EBU)						
836-121-322	GRD			032					
836-121-323	7EF05YC			033					
	7EF065C			034	GRD	741-000 UNIT	04-013-034		
	GRD			035	7EF05YC	741-000 UNIT	04-013-035		
	NC			036	7EF065C	741-000 UNIT	04-013-036		
	NC			037	GRD	741-000 UNIT	04-013-037		
	NC			038					
	NC			039					
736-131-322	GRD			040	GRD	741-000 UNIT	04-013-040		
736-131-323	7EF15YC			041	7EF15YC	741-000 UNIT	04-013-041		
	7EF165C			042	7EF165C	741-000 UNIT	04-013-042		
	GRD			043	GRD	741-000 UNIT	04-013-043		
	NC			045					
	NC			046					
	GRD			047	GRD	741-000 UNIT	04-013-047		
736-143-322	7EF25YC			048	7EF25YC	741-000 UNIT	04-013-048		
736-143-323	7EF265C			049	7EF265C	741-000 UNIT	04-013-049		
	GRD			050	GRD	741-000 UNIT	04-013-050		
736-163-322	7EC05YC			051	7EC05YC	741-000 UNIT	04-013-051		
736-163-323	7EC065C			052	7EC065C	741-000 UNIT	04-013-052		
	GRD			053	GRD	741-000 UNIT	04-013-053		
736-173-322	7EC15YC			054	7EC15YC	741-000 UNIT	04-013-054		
736-173-323	7EC165C			055	7EC165C	741-000 UNIT	04-013-055		
	GRD			056	GRD	741-000 UNIT	04-013-056		

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ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 8

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1	845-142	JACK/UNIT	(EBU)						
836-173-422	GRD			000	GRD	841-000 UNIT	04-142-000	ZE	
836-173-423	8EC15YT			001	8EC15YT	841-000 UNIT	04-142-001	ZE	
836-173-424	8EC165T			002	8EC165T	841-000 UNIT	04-142-002	ZE	
836-163-422	GRD			003	GRD	841-000 UNIT	04-142-003	ZE	
836-163-423	8EC05YT			004	8EC05YT	841-000 UNIT	04-142-004	ZE	
836-163-424	8EC065T			005	8EC065T	841-000 UNIT	04-142-005	ZE	
	NC			006					
	NC			007					
	NC			008					
836-143-222	GRD			009	GRD	841-000 UNIT	04-142-009	ZE	
836-143-223	8EF25YT			010	8EF25YT	841-000 UNIT	04-142-010	ZE	
836-143-224	8EF265T			011	8EF265T	841-000 UNIT	04-142-011	ZE	
	NC			013					
	NC			014					
	NC			015					
836-131-222	GRD			016	GRD	841-000 UNIT	04-142-016	ZE	
836-131-223	8EF15YT			017	8EF15YT	841-000 UNIT	04-142-017	ZE	
836-131-224	8EF165T			018	8EF165T	841-000 UNIT	04-142-018	ZE	
	NC			019					
	NC			020					
	NC			021					
836-121-222	GRD			022	GRD	841-000 UNIT	04-142-022	ZE	
836-121-223	8EF05YT			023	8EF05YT	841-000 UNIT	04-142-023	ZE	
836-121-224	8EF065T			024	8EF065T	841-000 UNIT	04-142-024	ZE	
836-173-522	8EC15YC			100	8EC15YC	841-000 UNIT	04-142-100	ZE	
836-173-523	8EC165C			101	8EC165C	841-000 UNIT	04-142-101	ZE	
836-173-524	GRD			102	GRD	841-000 UNIT	04-142-102	ZE	
836-163-522	8EC05YC			103	8EC05YC	841-000 UNIT	04-142-103	ZE	
836-163-523	8EC065C			104	8EC065C	841-000 UNIT	04-142-104	ZE	
836-163-524	GRD			105	GRD	841-000 UNIT	04-142-105	ZE	
	NC			106					
	NC			107					
836-143-321	GRD			108	GRD	841-000 UNIT	04-142-108	ZE	
836-143-322	8EF25YC			109	8EF25YC	841-000 UNIT	04-142-109	ZE	
836-143-323	8EF265C			110	8EF265C	841-000 UNIT	04-142-110	ZE	
836-143-324	GRD			111	GRD	841-000 UNIT	04-142-111	ZE	
	NC			113					
	NC			114					
836-131-321	GRD			115	GRD	841-000 UNIT	04-142-115	ZE	
836-131-322	8EF15YC			116	8EF15YC	841-000 UNIT	04-142-116	ZE	
836-131-323	8EF165C			117	8EF165C	841-000 UNIT	04-142-117	ZE	
836-131-324	GRD			118	GRD	841-000 UNIT	04-142-118	ZE	
	NC			119					
	NC			120					

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1	845-142	JACK/UNIT	(EBU)						
836-121-321	GRD			121	GRD	841-000 UNIT	04-142-121	ZE	
836-121-322	8EF05YC			122	8EF05YC	841-000 UNIT	04-142-122	ZE	
836-121-323	8EF065C			123	8EF065C	841-000 UNIT	04-142-123	ZE	
836-121-324	GRD			124	GRD	841-000 UNIT	04-142-124	ZE	

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ECL-BUS UNIT TRANSMIT CLOCK, UPPER TMSU2 BAY 9

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1	945-142	JACK/UNIT	(EBU)						
936-173-422	GRD			000	GRD	941-000 UNIT	04-142-000	ZF	
936-173-423	9EC15YT			001	9EC15YT	941-000 UNIT	04-142-001	ZF	
936-173-424	9EC165T			002	9EC165T	941-000 UNIT	04-142-002	ZF	
936-163-422	GRD			003	GRD	941-000 UNIT	04-142-003	ZF	
936-163-423	9EC05YT			004	9EC05YT	941-000 UNIT	04-142-004	ZF	
936-163-424	9EC065T			005	9EC065T	941-000 UNIT	04-142-005	ZF	
	NC			006					
	NC			007					
	NC			008					
936-143-222	GRD			009	GRD	941-000 UNIT	04-142-009	ZF	
936-143-223	9EF25YT			010	9EF25YT	941-000 UNIT	04-142-010	ZF	
936-143-224	9EF265T			011	9EF265T	941-000 UNIT	04-142-011	ZF	
	NC			013					
	NC			014					
	NC			015					
936-131-222	GRD			016	GRD	941-000 UNIT	04-142-016	ZF	
936-131-223	9EF15YT			017	9EF15YT	941-000 UNIT	04-142-017	ZF	
936-131-224	9EF165T			018	9EF165T	941-000 UNIT	04-142-018	ZF	
	NC			019					
	NC			020					
	NC			021					
936-121-222	GRD			022	GRD	941-000 UNIT	04-142-022	ZF	
936-121-223	9EF05YT			023	9EF05YT	941-000 UNIT	04-142-023	ZF	
936-121-224	9EF065T			024	9EF065T	941-000 UNIT	04-142-024	ZF	
936-173-522	9EC15YC			100	9EC15YC	941-000 UNIT	04-142-100	ZF	
936-173-523	9EC165C			101	9EC165C	941-000 UNIT	04-142-101	ZF	
936-173-524	GRD			102	GRD	941-000 UNIT	04-142-102	ZF	
936-163-522	9EC05YC			103	9EC05YC	941-000 UNIT	04-142-103	ZF	
936-163-523	9EC065C			104	9EC065C	941-000 UNIT	04-142-104	ZF	
936-163-524	GRD			105	GRD	941-000 UNIT	04-142-105	ZF	
	NC			106					
	NC			107					
936-143-321	GRD			108	GRD	941-000 UNIT	04-142-108	ZF	
936-143-322	9EF25YC			109	9EF25YC	941-000 UNIT	04-142-109	ZF	
936-143-323	9EF265C			110	9EF265C	941-000 UNIT	04-142-110	ZF	
936-143-324	GRD			111	GRD	941-000 UNIT	04-142-111	ZF	
	NC			113					
	NC			114					
936-131-321	GRD			115	GRD	941-000 UNIT	04-142-115	ZF	
936-131-322	9EF15YC			116	9EF15YC	941-000 UNIT	04-142-116	ZF	
936-131-323	9EF165C			117	9EF165C	941-000 UNIT	04-142-117	ZF	
936-131-324	GRD			118	GRD	941-000 UNIT	04-142-118	ZF	
	NC			119					
	NC			120					
936-121-321	GRD			121	GRD	941-000 UNIT	04-142-121	ZF	
936-121-322	9EF05YC			122	9EF05YC	941-000 UNIT	04-142-122	ZF	
936-121-323	9EF065C			123	9EF065C	941-000 UNIT	04-142-123	ZF	
936-121-324	GRD			124	GRD	941-000 UNIT	04-142-124	ZF	

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				10-5-142	JACK/UNIT	(EBU).....			
1036-173-422	GRD			000	GRD	1041-000 UNIT	04-142-000	ZG	
1036-173-423	10EC15YT			001	10EC15YT	1041-000 UNIT	04-142-001	ZG	
1036-173-424	10EC165T			002	10EC165T	1041-000 UNIT	04-142-002	ZG	
1036-163-422	GRD			003	GRD	1041-000 UNIT	04-142-003	ZG	
1036-163-423	10EC05YT			004	10EC05YT	1041-000 UNIT	04-142-004	ZG	
1036-163-424	10EC065T			005	10EC065T	1041-000 UNIT	04-142-005	ZG	
	NC			006				ZG	
	NC			007					
	NC			008					
1036-143-222	GRD			009	GRD	1041-000 UNIT	04-142-009	ZG	
1036-143-223	10EF25YT			010	10EF25YT	1041-000 UNIT	04-142-010	ZG	
1036-143-224	10EF265T			011	10EF265T	1041-000 UNIT	04-142-011	ZG	
	NC			013					
	NC			014				ZG	
	NC			015					
1036-131-222	GRD			016	GRD	1041-000 UNIT	04-142-016	ZG	
1036-131-223	10EF15YT			017	10EF15YT	1041-000 UNIT	04-142-017	ZG	
1036-131-224	10EF165T			018	10EF165T	1041-000 UNIT	04-142-018	ZG	
	NC			019				ZG	
	NC			020					
	NC			021					
1036-121-222	GRD			022	GRD	1041-000 UNIT	04-142-022	ZG	
1036-121-223	10EF05YT			023	10EF05YT	1041-000 UNIT	04-142-023	ZG	
1036-121-224	10EF065T			024	10EF065T	1041-000 UNIT	04-142-024	ZG	
1036-173-522	10EC15YC			100	10EC15YC	1041-000 UNIT	04-142-100	ZG	
1036-173-523	10EC165C			101	10EC165C	1041-000 UNIT	04-142-101	ZG	
1036-173-524	GRD			102	GRD	1041-000 UNIT	04-142-102	ZG	
1036-163-522	10EC05YC			103	10EC05YC	1041-000 UNIT	04-142-103	ZG	
1036-163-523	10EC065C			104	10EC065C	1041-000 UNIT	04-142-104	ZG	
1036-163-524	GRD			105	GRD	1041-000 UNIT	04-142-105	ZG	
	NC			106					
	NC			107					
1036-143-321	GRD			108	GRD	1041-000 UNIT	04-142-108	ZG	
1036-143-322	10EF25YC			109	10EF25YC	1041-000 UNIT	04-142-109	ZG	
1036-143-323	10EF265C			110	10EF265C	1041-000 UNIT	04-142-110	ZG	
1036-143-324	GRD			111	GRD	1041-000 UNIT	04-142-111	ZG	
	NC			113					
	NC			114					
1036-131-321	GRD			115	GRD	1041-000 UNIT	04-142-115	ZG	
1036-131-322	10EF15YC			116	10EF15YC	1041-000 UNIT	04-142-116	ZG	
1036-131-323	10EF165C			117	10EF165C	1041-000 UNIT	04-142-117	ZG	
1036-131-324	GRD			118	GRD	1041-000 UNIT	04-142-118	ZG	
	NC			119					
	NC			120					
1036-121-321	GRD			121	GRD	1041-000 UNIT	04-142-121	ZG	
1036-121-322	10EF05YC			122	10EF05YC	1041-000 UNIT	04-142-122	ZG	
1036-121-323	10EF065C			123	10EF065C	1041-000 UNIT	04-142-123	ZG	
1036-121-324	GRD			124	GRD	1041-000 UNIT	04-142-124	ZG	

ECL-BUS UNIT TRANSMIT CLOCK, UPPER INSUZ BAY 11

ECL-BUS UNIT TRANSMIT CLOCK, UPPER INSUZ BAY 11

(CONT'D)

(CONT'D)

(CONT'D)

(CONT'D)

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC		DWG SIZE	ISSUE
		C2	3B
AT&T	SD-5D144-02		GB161

AP FIG 19 CAD 202										AP FIG 19 CAD 202										AP FIG 19 CAD 203										
ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 1										(CONT'D)										ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 2										
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	
.....J1										J2										J1										
128-126										128-136 (CONT'D)										228-126										
JACK/UNIT (EBU).....										JACK/UNIT (EBU).....										JACK/UNIT (EBU).....										
119-121-434	NC			000	10P0F14	124-000	UNIT	04-126-001	ZG	119-131-452	10P1F03			109	10P1F03	124-000	UNIT	04-136-109	ZG	219-121-434	NC			000	20P0F14	224-000	UNIT	04-126-001	ZF	
119-121-437	10P0F12			001	10P0F12	124-000	UNIT	04-126-002	ZG	119-131-455	10P1F01			110	10P1F01	124-000	UNIT	04-136-110	ZG	219-121-437	20P0F12			001	20P0F12	224-000	UNIT	04-126-002	ZF	
	NC			003					ZG		NC			111					ZG		NC			003					ZF	
119-121-440	10P0F10			004	10P0F10	124-000	UNIT	04-126-004	ZG	119-131-401	10P1F31			113	10P1F31	124-000	UNIT	04-136-113	ZG	219-121-440	20P0F10			004	20P0F10	224-000	UNIT	04-126-004	ZF	
119-121-443	10P0F08			005	10P0F08	124-000	UNIT	04-126-005	ZG	119-131-404	10P1F29			114	10P1F29	124-000	UNIT	04-136-114	ZG	219-121-443	20P0F08			005	20P0F08	224-000	UNIT	04-126-005	ZF	
	NC			006					ZG		NC			115					ZG		NC			006					ZF	
119-121-447	10P0F06			007	10P0F06	124-000	UNIT	04-126-007	ZG	119-131-407	10P1F27			116	10P1F27	124-000	UNIT	04-136-116	ZG	219-121-447	20P0F06			007	20P0F06	224-000	UNIT	04-126-007	ZF	
119-121-450	10P0F04			008	10P0F04	124-000	UNIT	04-126-008	ZG	119-131-410	10P1F25			117	10P1F25	124-000	UNIT	04-136-117	ZG	219-121-450	20P0F04			008	20P0F04	224-000	UNIT	04-126-008	ZF	
	NC			009					ZG		NC			118					ZG		NC			009					ZF	
119-121-453	10P0F02			010	10P0F02	124-000	UNIT	04-126-010	ZG	119-131-414	10P1F23			119	10P1F23	124-000	UNIT	04-136-119	ZG	219-121-453	20P0F02			010	20P0F02	224-000	UNIT	04-126-010	ZF	
119-121-456	10P0F00			011	10P0F00	124-000	UNIT	04-126-011	ZG	119-131-417	10P1F21			120	10P1F21	124-000	UNIT	04-136-120	ZG	219-121-456	20P0F00			011	20P0F00	224-000	UNIT	04-126-011	ZF	
	NC			013					ZG		NC			121					ZG		NC			013					ZF	
119-121-402	10P0F30			014	10P0F30	124-000	UNIT	04-126-014	ZG	119-131-420	10P1F19			122	10P1F19	124-000	UNIT	04-136-122	ZG	219-121-402	20P0F30			014	20P0F30	224-000	UNIT	04-126-014	ZF	
119-121-405	10P0F28			015	10P0F28	124-000	UNIT	04-126-015	ZG	119-131-423	10P1F17			123	10P1F17	124-000	UNIT	04-136-123	ZG	219-121-405	20P0F28			015	20P0F28	224-000	UNIT	04-126-015	ZF	
	NC			016					ZG		NC			124					ZG		NC			016					ZF	
119-121-408	10P0F26			017	10P0F26	124-000	UNIT	04-126-017	ZG											219-121-408	20P0F26			017	20P0F26	224-000	UNIT	04-126-017	ZF	
119-121-411	10P0F24			018	10P0F24	124-000	UNIT	04-126-018	ZG											219-121-411	20P0F24			018	20P0F24	224-000	UNIT	04-126-018	ZF	
	NC			019					ZG												NC			019					ZF	
119-121-415	10P0F22			020	10P0F22	124-000	UNIT	04-126-020	ZG											219-121-415	20P0F22			020	20P0F22	224-000	UNIT	04-126-020	ZF	
119-121-418	10P0F20			021	10P0F20	124-000	UNIT	04-126-021	ZG											219-121-418	20P0F20			021	20P0F20	224-000	UNIT	04-126-021	ZF	
	NC			022					ZG		NC										NC			022					ZF	
119-121-421	10P0F18			023	10P0F18	124-000	UNIT	04-126-023	ZG	119-143-434	10P2F14			001	10P2F14	124-000	UNIT	04-148-001	ZG	219-121-421	20P0F18			023	20P0F18	224-000	UNIT	04-126-023	ZF	
119-121-424	10P0F16			024	10P0F16	124-000	UNIT	04-126-024	ZG	119-143-437	10P2F12			002	10P2F12	124-000	UNIT	04-148-002	ZG	219-121-424	20P0F16			024	20P0F16	224-000	UNIT	04-126-024	ZF	
119-121-433	10P0F15			100	10P0F15	124-000	UNIT	04-126-100	ZG		NC			003					ZG		119-121-433	20P0F15			100	20P0F15	224-000	UNIT	04-126-100	ZF
119-121-436	10P0F13			101	10P0F13	124-000	UNIT	04-126-101	ZG	119-143-440	10P2F10			004	10P2F10	124-000	UNIT	04-148-004	ZG	219-121-436	20P0F13			101	20P0F13	224-000	UNIT	04-126-101	ZF	
	NC			102					ZG	119-143-443	10P2F08			005	10P2F08	124-000	UNIT	04-148-005	ZG		NC			102					ZF	
119-121-439	10P0F11			103	10P0F11	124-000	UNIT	04-126-103	ZG		NC			006					ZG	219-121-439	20P0F11			103	20P0F11	224-000	UNIT	04-126-103	ZF	
119-121-442	10P0F09			104	10P0F09	124-000	UNIT	04-126-104	ZG	119-143-447	10P2F06			007	10P2F06	124-000	UNIT	04-148-007	ZG	219-121-442	20P0F09			104	20P0F09	224-000	UNIT	04-126-104	ZF	
	NC			105					ZG	119-143-450	10P2F04			008	10P2F04	124-000	UNIT	04-148-008	ZG		NC			105					ZF	
119-121-446	10P0F07			106	10P0F07	124-000	UNIT	04-126-106	ZG		NC			009					ZG	219-121-446	20P0F07			106	20P0F07	224-000	UNIT	04-126-106	ZF	
119-121-449	10P0F05			107	10P0F05	124-000	UNIT	04-126-107	ZG	119-143-453	10P2F02			010	10P2F02	124-000	UNIT	04-148-010	ZG	219-121-449	20P0F05			107	20P0F05	224-000	UNIT	04-126-107	ZF	
	NC			108					ZG		NC			011					ZG		NC			108					ZF	
119-121-452	10P0F03			109	10P0F03	124-000	UNIT	04-126-109	ZG	119-143-402	10P2F30			014	10P2F30	124-000	UNIT	04-148-014	ZG	219-121-452	20P0F03			109	20P0F03	224-000	UNIT	04-126-109	ZF	
119-121-455	10P0F01			110	10P0F01	124-000	UNIT	04-126-110	ZG	119-143-405	10P2F28			015	10P2F28	124-000	UNIT	04-148-015	ZG	219-121-455	20P0F01			110	20P0F01	224-000	UNIT	04-126-110	ZF	
	NC			111					ZG		NC			016					ZG		NC			111					ZF	
11																														

AP FIG 19 CAD 203 (CONT'D)										AP FIG 19 CAD 203 (CONT'D)										AP FIG 19 CAD 204 (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
J2 228-136 JACK/UNIT (EBU).....										J3 228-148 (CONT'D) JACK/UNIT (EBU).....										J2 328-136 JACK/UNIT (EBU).....									
219-131-434	NC			000	ZOP1F14	224-000	UNIT	04-136-001	ZF	219-143-452	ZOP2F03			109	ZOP2F03	224-000	UNIT	04-148-109	ZF	319-131-434	NC			000	3OP1F14	324-000	UNIT	04-136-001	ZE
219-131-437	ZOP1F12			002	ZOP1F12	224-000	UNIT	04-136-002	ZF	219-143-455	ZOP2F01			110	ZOP2F01	224-000	UNIT	04-148-110	ZF	319-131-437	3OP1F12			002	3OP1F12	324-000	UNIT	04-136-002	ZE
	NC			003					ZF		NC			111					ZF		NC			003					ZE
219-131-440	ZOP1F10			004	ZOP1F10	224-000	UNIT	04-136-004	ZF	219-143-401	ZOP2F31			113	ZOP2F31	224-000	UNIT	04-148-113	ZF	319-131-440	3OP1F10			004	3OP1F10	324-000	UNIT	04-136-004	ZE
219-131-443	ZOP1F08			005	ZOP1F08	224-000	UNIT	04-136-005	ZF	219-143-404	ZOP2F29			114	ZOP2F29	224-000	UNIT	04-148-114	ZF	319-131-443	3OP1F08			005	3OP1F08	324-000	UNIT	04-136-005	ZE
	NC			006					ZF		NC			115					ZF		NC			006					ZE
219-131-447	ZOP1F06			007	ZOP1F06	224-000	UNIT	04-136-007	ZF	219-143-407	ZOP2F27			116	ZOP2F27	224-000	UNIT	04-148-116	ZF	319-131-447	3OP1F06			007	3OP1F06	324-000	UNIT	04-136-007	ZE
219-131-450	ZOP1F04			008	ZOP1F04	224-000	UNIT	04-136-008	ZF	219-143-410	ZOP2F25			117	ZOP2F25	224-000	UNIT	04-148-117	ZF	319-131-450	3OP1F04			008	3OP1F04	324-000	UNIT	04-136-008	ZE
	NC			009					ZF		NC			118					ZF		NC			009					ZE
219-131-453	ZOP1F02			010	ZOP1F02	224-000	UNIT	04-136-010	ZF	219-143-414	ZOP2F23			119	ZOP2F23	224-000	UNIT	04-148-119	ZF	319-131-453	3OP1F02			010	3OP1F02	324-000	UNIT	04-136-010	ZE
219-131-456	ZOP1F00			011	ZOP1F00	224-000	UNIT	04-136-011	ZF	219-143-417	ZOP2F21			120	ZOP2F21	224-000	UNIT	04-148-120	ZF	319-131-456	3OP1F00			011	3OP1F00	324-000	UNIT	04-136-011	ZE
	NC			013					ZF		NC			121					ZF		NC			013					ZE
219-131-402	ZOP1F30			014	ZOP1F30	224-000	UNIT	04-136-014	ZF	219-143-420	ZOP2F19			122	ZOP2F19	224-000	UNIT	04-148-122	ZF	319-131-402	3OP1F30			014	3OP1F30	324-000	UNIT	04-136-014	ZE
219-131-405	ZOP1F28			015	ZOP1F28	224-000	UNIT	04-136-015	ZF	219-143-423	ZOP2F17			123	ZOP2F17	224-000	UNIT	04-148-123	ZF	319-131-405	3OP1F28			015	3OP1F28	324-000	UNIT	04-136-015	ZE
	NC			016					ZF		NC			124					ZF		NC			016					ZE
219-131-408	ZOP1F26			017	ZOP1F26	224-000	UNIT	04-136-017	ZF											319-131-408	3OP1F26			017	3OP1F26	324-000	UNIT	04-136-017	ZE
219-131-411	ZOP1F24			018	ZOP1F24	224-000	UNIT	04-136-018	ZF											319-131-411	3OP1F24			018	3OP1F24	324-000	UNIT	04-136-018	ZE
	NC			019					ZF												NC			019					ZE
219-131-415	ZOP1F22			020	ZOP1F22	224-000	UNIT	04-136-020	ZF											319-131-415	3OP1F22			020	3OP1F22	324-000	UNIT	04-136-020	ZE
219-131-418	ZOP1F20			021	ZOP1F20	224-000	UNIT	04-136-021	ZF											319-131-418	3OP1F20			021	3OP1F20	324-000	UNIT	04-136-021	ZE
	NC			022					ZF												NC			022					ZE
219-131-421	ZOP1F18			023	ZOP1F18	224-000	UNIT	04-136-023	ZF											319-131-421	3OP1F18			023	3OP1F18	324-000	UNIT	04-136-023	ZE
219-131-424	ZOP1F16			024	ZOP1F16	224-000	UNIT	04-136-024	ZF											319-131-424	3OP1F16			024	3OP1F16	324-000	UNIT	04-136-024	ZE
219-131-433	ZOP1F15			100	ZOP1F15	224-000	UNIT	04-136-100	ZF											319-131-433	3OP1F15			100	3OP1F15	324-000	UNIT	04-136-100	ZE
219-131-436	ZOP1F13			101	ZOP1F13	224-000	UNIT	04-136-101	ZF											319-131-436	3OP1F13			101	3OP1F13	324-000	UNIT	04-136-101	ZE
	NC			102					ZF												NC			102					ZE
219-131-439	ZOP1F11			103	ZOP1F11	224-000	UNIT	04-136-103	ZF											319-131-439	3OP1F11			103	3OP1F11	324-000	UNIT	04-136-103	ZE
219-131-442	ZOP1F09			104	ZOP1F09	224-000	UNIT	04-136-104	ZF											319-131-442	3OP1F09			104	3OP1F09	324-000	UNIT	04-136-104	ZE
	NC			105					ZF												NC			105					ZE
219-131-446	ZOP1F07			106	ZOP1F07	224-000	UNIT	04-136-106	ZF											319-131-446	3OP1F07			106	3OP1F07	324-000	UNIT	04-136-106	ZE
219-131-449	ZOP1F05			107	ZOP1F05	224-000	UNIT	04-136-107	ZF											319-131-449	3OP1F05			107	3OP1F05	324-000	UNIT	04-136-107	ZE
	NC			108					ZF												NC			108					ZE
219-131-452	ZOP1F03			109	ZOP1F03	224-000	UNIT	04-136-109	ZF											319-131-452	3OP1F03			109	3OP1F03	324-000	UNIT	04-136-109	ZE
219-131-455	ZOP1F01			110	ZOP1F01	224-000	UNIT	04-136-110	ZF											319-131-455	3OP1F01			110	3OP1F01	324-000	UNIT	04-136-110	ZE
	NC			111					ZF	319-121-434	NC			000	3OP0F14	324-000	UNIT	04-126-001	ZE										
219-131-401	ZOP1F31			113	ZOP1F31	224-000	UNIT	04-136-113	ZF	319-121-437	3OP0F12																		

AP FIG 19 CAD 204

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J3				328-148	JACK/UNIT	(EBU).....			
319-143-434	NC			000					
319-143-437	30P2F14			001	30P2F14	324-000 UNIT	04-148-001	ZE	
	30P2F12			002	30P2F12	324-000 UNIT	04-148-002	ZE	
	NC			003				ZE	
319-143-440	30P2F10			004	30P2F10	324-000 UNIT	04-148-004	ZE	
319-143-443	30P2F08			005	30P2F08	324-000 UNIT	04-148-005	ZE	
	NC			006				ZE	
319-143-447	30P2F06			007	30P2F06	324-000 UNIT	04-148-007	ZE	
319-143-450	30P2F04			008	30P2F04	324-000 UNIT	04-148-008	ZE	
	NC			009				ZE	
319-143-453	30P2F02			010	30P2F02	324-000 UNIT	04-148-010	ZE	
319-143-456	30P2F00			011	30P2F00	324-000 UNIT	04-148-011	ZE	
	NC			013				ZE	
319-143-402	30P2F30			014	30P2F30	324-000 UNIT	04-148-014	ZE	
319-143-405	30P2F28			015	30P2F28	324-000 UNIT	04-148-015	ZE	
	NC			016				ZE	
319-143-408	30P2F26			017	30P2F26	324-000 UNIT	04-148-017	ZE	
319-143-411	30P2F24			018	30P2F24	324-000 UNIT	04-148-018	ZE	
	NC			019				ZE	
319-143-415	30P2F22			020	30P2F22	324-000 UNIT	04-148-020	ZE	
319-143-418	30P2F20			021	30P2F20	324-000 UNIT	04-148-021	ZE	
	NC			022				ZE	
319-143-421	30P2F18			023	30P2F18	324-000 UNIT	04-148-023	ZE	
319-143-424	30P2F16			024	30P2F16	324-000 UNIT	04-148-024	ZE	
319-143-433	30P2F15			100	30P2F15	324-000 UNIT	04-148-100	ZE	
319-143-436	30P2F13			101	30P2F13	324-000 UNIT	04-148-101	ZE	
	NC			102				ZE	
319-143-439	30P2F11			103	30P2F11	324-000 UNIT	04-148-103	ZE	
319-143-442	30P2F09			104	30P2F09	324-000 UNIT	04-148-104	ZE	
	NC			105				ZE	
319-143-446	30P2F07			106	30P2F07	324-000 UNIT	04-148-106	ZE	
319-143-449	30P2F05			107	30P2F05	324-000 UNIT	04-148-107	ZE	
	NC			108				ZE	
319-143-452	30P2F03			109	30P2F03	324-000 UNIT	04-148-109	ZE	
319-143-455	30P2F01			110	30P2F01	324-000 UNIT	04-148-110	ZE	
	NC			111				ZE	
319-143-401	30P2F31			113	30P2F31	324-000 UNIT	04-148-113	ZE	
319-143-404	30P2F29			114	30P2F29	324-000 UNIT	04-148-114	ZE	
	NC			115				ZE	
319-143-407	30P2F27			116	30P2F27	324-000 UNIT	04-148-116	ZE	
319-143-410	30P2F25			117	30P2F25	324-000 UNIT	04-148-117	ZE	
	NC			118				ZE	
319-143-414	30P2F23			119	30P2F23	324-000 UNIT	04-148-119	ZE	
319-143-417	30P2F21			120	30P2F21	324-000 UNIT	04-148-120	ZE	
	NC			121				ZE	
319-143-420	30P2F19			122	30P2F19	324-000 UNIT	04-148-122	ZE	
319-143-423	30P2F17			123	30P2F17	324-000 UNIT	04-148-123	ZE	
	NC			124				ZE	

AP FIG 1 CAD 205

ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 4

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				428-170	JACK/UNIT	(EBU).....			
419-121-434	NC			032					
419-121-437	40P0F14			033	40P0F14	424-000 UNIT	04-170-033		
	40P0F12			034	40P0F12	424-000 UNIT	04-170-034		
	NC			035					
419-121-440	40P0F10			036	40P0F10	424-000 UNIT	04-170-036		
419-121-443	40P0F08			037	40P0F08	424-000 UNIT	04-170-037		
	NC			038					
419-121-447	40P0F06			039	40P0F06	424-000 UNIT	04-170-039		
419-121-450	40P0F04			040	40P0F04	424-000 UNIT	04-170-040		
	NC			041					
419-121-453	40P0F02			042	40P0F02	424-000 UNIT	04-170-042		
419-121-456	40P0F00			043	40P0F00	424-000 UNIT	04-170-043		
	NC			045					
419-121-402	40P0F30			046	40P0F30	424-000 UNIT	04-170-046		
419-121-405	40P0F28			047	40P0F28	424-000 UNIT	04-170-047		
	NC			048					
419-121-408	40P0F26			049	40P0F26	424-000 UNIT	04-170-049		
419-121-411	40P0F24			050	40P0F24	424-000 UNIT	04-170-050		
	NC			051					
419-121-415	40P0F22			052	40P0F22	424-000 UNIT	04-170-052		

AP FIG 1 CAD 205

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				428-170 (CONT'D)	JACK/UNIT	(EBU).....			
419-121-418	40P0F20			053	40P0F20	424-000 UNIT	04-170-053		
	NC			054					
419-121-421	40P0F18			055	40P0F18	424-000 UNIT	04-170-055		
419-121-424	40P0F16			056	40P0F16	424-000 UNIT	04-170-056		
419-121-433	40P0F15			132	40P0F15	424-000 UNIT	04-170-132		
419-121-436	40P0F13			133	40P0F13	424-000 UNIT	04-170-133		
	NC			134					
419-121-439	40P0F11			135	40P0F11	424-000 UNIT	04-170-135		
419-121-442	40P0F09			136	40P0F09	424-000 UNIT	04-170-136		
	NC			137					
419-121-446	40P0F07			138	40P0F07	424-000 UNIT	04-170-138		
419-121-449	40P0F05			139	40P0F05	424-000 UNIT	04-170-139		
	NC			140					
419-121-452	40P0F03			141	40P0F03	424-000 UNIT	04-170-141		
419-121-455	40P0F01			142	40P0F01	424-000 UNIT	04-170-142		
	NC			143					
419-121-401	40P0F31			145	40P0F31	424-000 UNIT	04-170-145		
419-121-404	40P0F29			146	40P0F29	424-000 UNIT	04-170-146		
	NC			147					
419-121-407	40P0F27			148	40P0F27	424-000 UNIT	04-170-148		
419-121-410	40P0F25			149	40P0F25	424-000 UNIT	04-170-149		
	NC			150					
419-121-414	40P0F23			151	40P0F23	424-000 UNIT	04-170-151		
419-121-417	40P0F21			152	40P0F21	424-000 UNIT	04-170-152		
	NC			153					
419-121-420	40P0F19			154	40P0F19	424-000 UNIT	04-170-154		
419-121-423	40P0F17			155	40P0F17	424-000 UNIT	04-170-155		
	NC			156					
.....J2				428-164	JACK/UNIT	(EBU).....			
	NC			032					
419-131-434	40P1F14			033	40P1F14	424-000 UNIT	04-164-033		
419-131-437	40P1F12			034	40P1F12	424-000 UNIT	04-164-034		
	NC			035					
419-131-440	40P1F10			036	40P1F10	424-000 UNIT	04-164-036		
419-131-443	40P1F08			037	40P1F08	424-000 UNIT	04-164-037		
	NC			038					
419-131-447	40P1F06			039	40P1F06	424-000 UNIT	04-164-039		
419-131-450	40P1F04			040	40P1F04	424-000 UNIT	04-164-040		
	NC			041					
419-131-453	40P1F02			042	40P1F02	424-000 UNIT	04-164-042		
419-131-456	40P1F00			043	40P1F00	424-000 UNIT	04-164-043		
	NC			045					
419-131-402	40P1F30			046	40P1F30	424-000 UNIT	04-164-046		
419-131-405	40P1F28			047	40P1F28	424-000 UNIT	04-164-047		
	NC			048					
419-131-408	40P1F26			049	40P1F26	424-000 UNIT	04-164-049		
419-131-411	40P1F24			050	40P1F24	424-000 UNIT	04-164-050		
	NC			051					
419-131-415	40P1F22			052	40P1F22	424-000 UNIT	04-164-052		
419-131-418	40P1F20			053	40P1F20	424-000 UNIT	04-164-053		
	NC			054					
419-131-421	40P1F18			055	40P1F18	424-000 UNIT	04-164-055		
419-131-424	40P1F16			056	40P1F16	424-000 UNIT	04-164-056		
419-131-433	40P1F15			132	40P1F15	424-000 UNIT	04-164-132		
419-131-436	40P1F13			133	40P1F13	424-000 UNIT	04-164-133		
	NC			134					
419-131-439	40P1F11			135	40P1F11	424-000 UNIT	04-164-135		
419-131-442	40P1F09			136	40P1F09	424-000 UNIT	04-164-136		
	NC			137					
419-131-446	40P1F07			138	40P1F07	424-000 UNIT	04-164-138		
419-131-449	40P1F05			139	40P1F05	424-000 UNIT	04-164-139		
	NC			140					
419-131-452	40P1F03			141	40P1F03	424-000 UNIT	04-164-141		
419-131-455	40P1F01			142	40P1F01	424-000 UNIT	04-164-142		
	NC			143					
419-131-401	40P1F31			145	40P1F31	424-000 UNIT	04-164-145		
419-131-404	40P1F29			146	40P1F29	424-000 UNIT	04-164-146		
	NC			147					
419-131-407	40P1F27			148	40P1F27	424-000 UNIT	04-164-148		
419-131-410	40P1F25			149	40P1F25	424-000 UNIT	04-164-149		
	NC			150					
419-131-414	40P1F23			151	40P1F23	424-000 UNIT	04-164-151		
419-131-417	40P1F21			152	40P1F21	424-000 UNIT	04-164-152		
	NC			153					
419-131-420	40P1F19			154	40P1F19	424-000 UNIT	04-164-154		
419-131-423	40P1F17			155	40P1F17	424-000 UNIT	04-164-155		
	NC			156					

ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 5

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ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 6

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

DWG SIZE C2	ISSUE 3B
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AT&T	SD-5D144-02
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GB165

AP FIG 1 CAD 207 (CONT'D)										AP FIG 1 CAD 207 (CONT'D)										AP FIG 1 CAD 208 (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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
.....J2 728-022 JACK/UNIT (EBU).....										J3 728-028 (CONT'D) JACK/UNIT (EBU).....										J2 728-022 JACK/UNIT (EBU).....																			
619-131-434	NC			000	60P1F14	724-000	UNIT		04-022-001	619-143-452	60P2F03			109	60P2F03	724-000	UNIT		04-028-109	719-131-434	NC			032	70P1F14	724-000	UNIT		04-022-033										
619-131-437	60P1F12			001	60P1F12	724-000	UNIT		04-022-002	619-143-455	60P2F01			110	60P2F01	724-000	UNIT		04-028-110	719-131-437	70P1F12			033	70P1F12	724-000	UNIT		04-022-034										
	NC			003							NC			111							NC			035															
619-131-440	60P1F10			004	60P1F10	724-000	UNIT		04-022-004	619-143-401	60P2F31			113	60P2F31	724-000	UNIT		04-028-113	719-131-440	70P1F10			036	70P1F10	724-000	UNIT		04-022-036										
619-131-443	60P1F08			005	60P1F08	724-000	UNIT		04-022-005	619-143-404	60P2F29			114	60P2F29	724-000	UNIT		04-028-114	719-131-443	70P1F08			037	70P1F08	724-000	UNIT		04-022-037										
	NC			006							NC			115							NC			038															
619-131-447	60P1F06			007	60P1F06	724-000	UNIT		04-022-007	619-143-407	60P2F27			116	60P2F27	724-000	UNIT		04-028-116	719-131-447	70P1F06			039	70P1F06	724-000	UNIT		04-022-039										
619-131-450	60P1F04			008	60P1F04	724-000	UNIT		04-022-008	619-143-410	60P2F25			117	60P2F25	724-000	UNIT		04-028-117	719-131-450	70P1F04			040	70P1F04	724-000	UNIT		04-022-040										
	NC			009							NC			118							NC			041															
619-131-453	60P1F02			010	60P1F02	724-000	UNIT		04-022-010	619-143-414	60P2F23			119	60P2F23	724-000	UNIT		04-028-119	719-131-453	70P1F02			042	70P1F02	724-000	UNIT		04-022-042										
619-131-456	60P1F00			011	60P1F00	724-000	UNIT		04-022-011	619-143-417	60P2F21			120	60P2F21	724-000	UNIT		04-028-120	719-131-456	70P1F00			043	70P1F00	724-000	UNIT		04-022-043										
	NC			013							NC			121							NC			045															
619-131-402	60P1F30			014	60P1F30	724-000	UNIT		04-022-014	619-143-420	60P2F19			122	60P2F19	724-000	UNIT		04-028-122	719-131-402	70P1F30			046	70P1F30	724-000	UNIT		04-022-046										
619-131-405	60P1F28			015	60P1F28	724-000	UNIT		04-022-015	619-143-423	60P2F17			123	60P2F17	724-000	UNIT		04-028-123	719-131-405	70P1F28			047	70P1F28	724-000	UNIT		04-022-047										
	NC			016							NC			124							NC			048															
619-131-408	60P1F26			017	60P1F26	724-000	UNIT		04-022-017											719-131-408	70P1F26			049	70P1F26	724-000	UNIT		04-022-049										
619-131-411	60P1F24			018	60P1F24	724-000	UNIT		04-022-018											719-131-411	70P1F24			050	70P1F24	724-000	UNIT		04-022-050										
	NC			019																	NC			051															
619-131-415	60P1F22			020	60P1F22	724-000	UNIT		04-022-020											719-131-415	70P1F22			052	70P1F22	724-000	UNIT		04-022-052										
619-131-418	60P1F20			021	60P1F20	724-000	UNIT		04-022-021											719-131-418	70P1F20			053	70P1F20	724-000	UNIT		04-022-053										
	NC			022																	NC			054															
619-131-421	60P1F18			023	60P1F18	724-000	UNIT		04-022-023											719-131-421	70P1F18			055	70P1F18	724-000	UNIT		04-022-055										
619-131-424	60P1F16			024	60P1F16	724-000	UNIT		04-022-024											719-131-424	70P1F16			056	70P1F16	724-000	UNIT		04-022-056										
619-131-433	60P1F15			100	60P1F15	724-000	UNIT		04-022-100											719-131-433	70P1F15			132	70P1F15	724-000	UNIT		04-022-132										
619-131-436	60P1F13			101	60P1F13	724-000	UNIT		04-022-101											719-131-436	70P1F13			133	70P1F13	724-000	UNIT		04-022-133										
	NC			102																	NC			134															
619-131-439	60P1F11			103	60P1F11	724-000	UNIT		04-022-103											719-131-439	70P1F11			135	70P1F11	724-000	UNIT		04-022-135										
619-131-442	60P1F09			104	60P1F09	724-000	UNIT		04-022-104											719-131-442	70P1F09			136	70P1F09	724-000	UNIT		04-022-136										
	NC			105																	NC			137															
619-131-446	60P1F07			106	60P1F07	724-000	UNIT		04-022-106											719-131-446	70P1F07			138	70P1F07	724-000	UNIT		04-022-138										
619-131-449	60P1F05			107	60P1F05	724-000	UNIT		04-022-107											719-131-449	70P1F05			139	70P1F05	724-000	UNIT		04-022-139										
	NC			108																	NC			140															
619-131-452	60P1F03			109	60P1F03	724-000	UNIT		04-022-109											719-131-452	70P1F03			141	70P1F03	724-000	UNIT		04-022-141										
619-131-455	60P1F01			110	60P1F01	724-000	UNIT		04-022-110											719-131-455	70P1F01			142	70P1F01	724-000	UNIT		04-022-142										
	NC			111																	NC			143															
619-131-401	60P1F31			113	60P1F31	724-000	UNIT		04-022-113	719-121-433	70P0F15			032	70P0F																								

AP FIG 1 CAD 208

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
J3				JACK/UNIT (EBU)					
719-143-434	NC			032	70P2F14	724-000	UNIT	04-028-033	
719-143-437	70P2F12			034	70P2F12	724-000	UNIT	04-028-034	
	NC			035					
719-143-440	70P2F10			036	70P2F10	724-000	UNIT	04-028-036	
719-143-443	70P2F08			037	70P2F08	724-000	UNIT	04-028-037	
	NC			038					
719-143-447	70P2F06			039	70P2F06	724-000	UNIT	04-028-039	
719-143-450	70P2F04			040	70P2F04	724-000	UNIT	04-028-040	
	NC			041					
719-143-453	70P2F02			042	70P2F02	724-000	UNIT	04-028-042	
719-143-456	70P2F00			043	70P2F00	724-000	UNIT	04-028-043	
	NC			045					
719-143-462	70P2F30			046	70P2F30	724-000	UNIT	04-028-046	
719-143-465	70P2F28			047	70P2F28	724-000	UNIT	04-028-047	
	NC			048					
719-143-468	70P2F26			049	70P2F26	724-000	UNIT	04-028-049	
719-143-471	70P2F24			050	70P2F24	724-000	UNIT	04-028-050	
	NC			051					
719-143-475	70P2F22			052	70P2F22	724-000	UNIT	04-028-052	
719-143-478	70P2F20			053	70P2F20	724-000	UNIT	04-028-053	
	NC			054					
719-143-481	70P2F18			055	70P2F18	724-000	UNIT	04-028-055	
719-143-484	70P2F16			056	70P2F16	724-000	UNIT	04-028-056	
719-143-487	70P2F15			132	70P2F15	724-000	UNIT	04-028-132	
719-143-489	70P2F13			133	70P2F13	724-000	UNIT	04-028-133	
	NC			134					
719-143-493	70P2F11			135	70P2F11	724-000	UNIT	04-028-135	
719-143-496	70P2F09			136	70P2F09	724-000	UNIT	04-028-136	
	NC			137					
719-143-499	70P2F07			138	70P2F07	724-000	UNIT	04-028-138	
719-143-502	70P2F05			139	70P2F05	724-000	UNIT	04-028-139	
	NC			140					
719-143-505	70P2F03			141	70P2F03	724-000	UNIT	04-028-141	
719-143-508	70P2F01			142	70P2F01	724-000	UNIT	04-028-142	
	NC			143					
719-143-511	70P2F31			145	70P2F31	724-000	UNIT	04-028-145	
719-143-514	70P2F29			146	70P2F29	724-000	UNIT	04-028-146	
	NC			147					
719-143-517	70P2F27			148	70P2F27	724-000	UNIT	04-028-148	
719-143-520	70P2F25			149	70P2F25	724-000	UNIT	04-028-149	
	NC			150					
719-143-523	70P2F23			151	70P2F23	724-000	UNIT	04-028-151	
719-143-526	70P2F21			152	70P2F21	724-000	UNIT	04-028-152	
	NC			153					
719-143-529	70P2F19			154	70P2F19	724-000	UNIT	04-028-154	
719-143-532	70P2F17			155	70P2F17	724-000	UNIT	04-028-155	
	NC			156					

AP FIG 19 CAD 209

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
J1				JACK/UNIT (EBU)					
819-121-418	80P0F20			021	80P0F20	824-000	UNIT	04-126-021	ZE
	NC			022					ZE
819-121-421	80P0F18			023	80P0F18	824-000	UNIT	04-126-023	ZE
819-121-424	80P0F16			024	80P0F16	824-000	UNIT	04-126-024	ZE
819-121-433	80P0F15			100	80P0F15	824-000	UNIT	04-126-100	ZE
819-121-436	80P0F13			101	80P0F13	824-000	UNIT	04-126-101	ZE
	NC			102					ZE
819-121-439	80P0F11			103	80P0F11	824-000	UNIT	04-126-103	ZE
819-121-442	80P0F09			104	80P0F09	824-000	UNIT	04-126-104	ZE
	NC			105					ZE
819-121-446	80P0F07			106	80P0F07	824-000	UNIT	04-126-106	ZE
819-121-449	80P0F05			107	80P0F05	824-000	UNIT	04-126-107	ZE
	NC			108					ZE
819-121-452	80P0F03			109	80P0F03	824-000	UNIT	04-126-109	ZE
819-121-455	80P0F01			110	80P0F01	824-000	UNIT	04-126-110	ZE
	NC			111					ZE
819-121-461	80P0F31			113	80P0F31	824-000	UNIT	04-126-113	ZE
819-121-464	80P0F29			114	80P0F29	824-000	UNIT	04-126-114	ZE
	NC			115					ZE
819-121-467	80P0F27			116	80P0F27	824-000	UNIT	04-126-116	ZE
819-121-470	80P0F25			117	80P0F25	824-000	UNIT	04-126-117	ZE
	NC			118					ZE
819-121-474	80P0F23			119	80P0F23	824-000	UNIT	04-126-119	ZE
819-121-477	80P0F21			120	80P0F21	824-000	UNIT	04-126-120	ZE
	NC			121					ZE
819-121-480	80P0F19			122	80P0F19	824-000	UNIT	04-126-122	ZE
819-121-483	80P0F17			123	80P0F17	824-000	UNIT	04-126-123	ZE
	NC			124					ZE
J2				JACK/UNIT (EBU)					
819-131-434	NC			000					ZE
819-131-437	80P1F14			001	80P1F14	824-000	UNIT	04-136-001	ZE
	80P1F12			002	80P1F12	824-000	UNIT	04-136-002	ZE
	NC			003					ZE
819-131-440	80P1F10			004	80P1F10	824-000	UNIT	04-136-004	ZE
819-131-443	80P1F08			005	80P1F08	824-000	UNIT	04-136-005	ZE
	NC			006					ZE
819-131-447	80P1F06			007	80P1F06	824-000	UNIT	04-136-007	ZE
819-131-450	80P1F04			008	80P1F04	824-000	UNIT	04-136-008	ZE
	NC			009					ZE
819-131-453	80P1F02			010	80P1F02	824-000	UNIT	04-136-010	ZE
819-131-456	80P1F00			011	80P1F00	824-000	UNIT	04-136-011	ZE
	NC			013					ZE
819-131-462	80P1F30			014	80P1F30	824-000	UNIT	04-136-014	ZE
819-131-465	80P1F28			015	80P1F28	824-000	UNIT	04-136-015	ZE
	NC			016					ZE
819-131-468	80P1F26			017	80P1F26	824-000	UNIT	04-136-017	ZE
819-131-471	80P1F24			018	80P1F24	824-000	UNIT	04-136-018	ZE
	NC			019					ZE
819-131-475	80P1F22			020	80P1F22	824-000	UNIT	04-136-020	ZE
819-131-478	80P1F20			021	80P1F20	824-000	UNIT	04-136-021	ZE
	NC			022					ZE
819-131-481	80P1F18			023	80P1F18	824-000	UNIT	04-136-023	ZE
819-131-484	80P1F16			024	80P1F16	824-000	UNIT	04-136-024	ZE
819-131-487	80P1F15			100	80P1F15	824-000	UNIT	04-136-100	ZE
819-131-489	80P1F13			101	80P1F13	824-000	UNIT	04-136-101	ZE
	NC			102					ZE
819-131-493	80P1F11			103	80P1F11	824-000	UNIT	04-136-103	ZE
819-131-496	80P1F09			104	80P1F09	824-000	UNIT	04-136-104	ZE
	NC			105					ZE
819-131-499	80P1F07			106	80P1F07	824-000	UNIT	04-136-106	ZE
819-131-502	80P1F05			107	80P1F05	824-000	UNIT	04-136-107	ZE
	NC			108					ZE
819-131-505	80P1F03			109	80P1F03	824-000	UNIT	04-136-109	ZE
819-131-508	80P1F01			110	80P1F01	824-000	UNIT	04-136-110	ZE
	NC			111					ZE
819-131-511	80P1F31			113	80P1F31	824-000	UNIT	04-136-113	ZE
819-131-514	80P1F29			114	80P1F29	824-000	UNIT	04-136-114	ZE
	NC			115					ZE
819-131-517	80P1F27			116	80P1F27	824-000	UNIT	04-136-116	ZE
819-131-520	80P1F25			117	80P1F25	824-000	UNIT	04-136-117	ZE
	NC			118					ZE
819-131-523	80P1F23			119	80P1F23	824-000	UNIT	04-136-119	ZE
819-131-526	80P1F21			120	80P1F21	824-000	UNIT	04-136-120	ZE
	NC			121					ZE
819-131-529	80P1F19			122	80P1F19	824-000	UNIT	04-136-122	ZE
819-131-532	80P1F17			123	80P1F17	824-000	UNIT	04-136-123	ZE
	NC			124					ZE

AP FIG 19 CAD 209

ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 8

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
J1				828-126	JACK/UNIT	(EBU)			
G	819-121-434	NC		000					ZE
	819-121-437	80P0F14		001	80P0F14	824-000	UNIT	04-126-001	ZE
		80P0F12		002	80P0F12	824-000	UNIT	04-126-002	ZE
		NC		003					ZE
	819-121-440	80P0F10		004	80P0F10	824-000	UNIT	04-126-004	ZE
	819-121-443	80P0F08		005	80P0F08	824-000	UNIT	04-126-005	ZE
		NC		006					ZE
	819-121-447	80P0F06		007	80P0F06	824-000	UNIT	04-126-007	ZE
	819-121-450	80P0F04		008	80P0F04	824-000	UNIT	04-126-008	ZE
		NC		009					ZE
H	819-121-453	80P0F02		010	80P0F02	824-000	UNIT	04-126-010	ZE
	819-121-456	80P0F00		011	80P0F00	824-000	UNIT	04-126-011	ZE
		NC		013					ZE
	819-121-402	80P0F30		014	80P0F30	824-000	UNIT	04-126-014	ZE
	819-121-405	80P0F28		015	80P0F28	824-000	UNIT	04-126-015	ZE
		NC		016					ZE
	819-121-408	80P0F26		017	80P0F26	824-000	UNIT	04-126-017	ZE
	819-121-411	80P0F24		018	80P0F24	824-000	UNIT	04-126-018	ZE
		NC		019					ZE
	819-121-415	80P0F22		020	80P0F22	824-000	UNIT	04-126-020	ZE

AP FIG 19 CAD 210										AP FIG 19 CAD 210										AP FIG 19 CAD 211																			
ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 9										(CONT'D)										ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 10																			
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										
J1 928-126 JACK/UNIT (EBU)										J2 928-136 (CONT'D) JACK/UNIT (EBU)										J1 1028-126 JACK/UNIT (EBU)																			
919-121-434	NC			000	90P0F14	924-000 UNIT	04-126-001	ZF		919-131-452	90P1F03			109	90P1F03	924-000 UNIT	04-136-109	ZF		1019-121-434	NC			000	100P0F14	1024-000 UNIT	04-126-001	ZG											
919-121-437	90P0F12			001	90P0F12	924-000 UNIT	04-126-002	ZF		919-131-455	90P1F01			110	90P1F01	924-000 UNIT	04-136-110	ZF		1019-121-437	100P0F12			001	100P0F12	1024-000 UNIT	04-126-002	ZG											
	NC			003				ZF			NC			111				ZF			NC			003				ZG											
919-121-440	90P0F10			004	90P0F10	924-000 UNIT	04-126-004	ZF		919-131-401	90P1F31			113	90P1F31	924-000 UNIT	04-136-113	ZF		1019-121-440	100P0F10			004	100P0F10	1024-000 UNIT	04-126-004	ZG											
919-121-443	90P0F08			005	90P0F08	924-000 UNIT	04-126-005	ZF		919-131-404	90P1F29			114	90P1F29	924-000 UNIT	04-136-114	ZF		1019-121-443	100P0F08			005	100P0F08	1024-000 UNIT	04-126-005	ZG											
	NC			006				ZF			NC			115				ZF			NC			006				ZG											
919-121-447	90P0F06			007	90P0F06	924-000 UNIT	04-126-007	ZF		919-131-407	90P1F27			116	90P1F27	924-000 UNIT	04-136-116	ZF		1019-121-447	100P0F06			007	100P0F06	1024-000 UNIT	04-126-007	ZG											
919-121-450	90P0F04			008	90P0F04	924-000 UNIT	04-126-008	ZF		919-131-410	90P1F25			117	90P1F25	924-000 UNIT	04-136-117	ZF		1019-121-450	100P0F04			008	100P0F04	1024-000 UNIT	04-126-008	ZG											
	NC			009				ZF			NC			118				ZF			NC			009				ZG											
919-121-453	90P0F02			010	90P0F02	924-000 UNIT	04-126-010	ZF		919-131-414	90P1F23			119	90P1F23	924-000 UNIT	04-136-119	ZF		1019-121-453	100P0F02			010	100P0F02	1024-000 UNIT	04-126-010	ZG											
919-121-456	90P0F00			011	90P0F00	924-000 UNIT	04-126-011	ZF		919-131-417	90P1F21			120	90P1F21	924-000 UNIT	04-136-120	ZF		1019-121-456	100P0F00			011	100P0F00	1024-000 UNIT	04-126-011	ZG											
	NC			013				ZF			NC			121				ZF			NC			013				ZG											
919-121-402	90P0F30			014	90P0F30	924-000 UNIT	04-126-014	ZF		919-131-420	90P1F19			122	90P1F19	924-000 UNIT	04-136-122	ZF		1019-121-402	100P0F30			014	100P0F30	1024-000 UNIT	04-126-014	ZG											
919-121-405	90P0F28			015	90P0F28	924-000 UNIT	04-126-015	ZF		919-131-423	90P1F17			123	90P1F17	924-000 UNIT	04-136-123	ZF		1019-121-405	100P0F28			015	100P0F28	1024-000 UNIT	04-126-015	ZG											
	NC			016				ZF			NC			124				ZF			NC			016				ZG											
919-121-408	90P0F26			017	90P0F26	924-000 UNIT	04-126-017	ZF												1019-121-408	100P0F26			017	100P0F26	1024-000 UNIT	04-126-017	ZG											
919-121-411	90P0F24			018	90P0F24	924-000 UNIT	04-126-018	ZF												1019-121-411	100P0F24			018	100P0F24	1024-000 UNIT	04-126-018	ZG											
	NC			019				ZF													NC			019				ZG											
919-121-415	90P0F22			020	90P0F22	924-000 UNIT	04-126-020	ZF												1019-121-415	100P0F22			020	100P0F22	1024-000 UNIT	04-126-020	ZG											
919-121-418	90P0F20			021	90P0F20	924-000 UNIT	04-126-021	ZF												1019-121-418	100P0F20			021	100P0F20	1024-000 UNIT	04-126-021	ZG											
	NC			022				ZF													NC			022				ZG											
919-121-421	90P0F18			023	90P0F18	924-000 UNIT	04-126-023	ZF		919-143-434	90P2F14			000	90P2F14	924-000 UNIT	04-148-001	ZF		1019-121-421	100P0F18			023	100P0F18	1024-000 UNIT	04-126-023	ZG											
919-121-424	90P0F16			024	90P0F16	924-000 UNIT	04-126-024	ZF		919-143-437	90P2F12			001	90P2F12	924-000 UNIT	04-148-002	ZF		1019-121-424	100P0F16			024	100P0F16	1024-000 UNIT	04-126-024	ZG											
919-121-433	90P0F15			100	90P0F15	924-000 UNIT	04-126-100	ZF			NC			003				ZF		1019-121-433	100P0F15			100	100P0F15	1024-000 UNIT	04-126-100	ZG											
919-121-436	90P0F13			101	90P0F13	924-000 UNIT	04-126-101	ZF		919-143-440	90P2F10			004	90P2F10	924-000 UNIT	04-148-004	ZF		1019-121-436	100P0F13			101	100P0F13	1024-000 UNIT	04-126-101	ZG											
	NC			102				ZF			90P2F08			005	90P2F08	924-000 UNIT	04-148-005	ZF			NC			102				ZG											
919-121-439	90P0F11			103	90P0F11	924-000 UNIT	04-126-103	ZF		919-143-447	90P2F06			006	90P2F06	924-000 UNIT	04-148-007	ZF		1019-121-439	100P0F11			103	100P0F11	1024-000 UNIT	04-126-103	ZG											
919-121-442	90P0F09			104	90P0F09	924-000 UNIT	04-126-104	ZF		919-143-450	90P2F04			007	90P2F04	924-000 UNIT	04-148-008	ZF		1019-121-442	100P0F09			104	100P0F09	1024-000 UNIT	04-126-104	ZG											
	NC			105				ZF			NC			008				ZF			NC			105				ZG											
919-121-446	90P0F07			106	90P0F07	924-000 UNIT	04-126-106	ZF		919-143-453	90P2F02			009	90P2F02	924-000 UNIT	04-148-010	ZF		1019-121-446	100P0F07			106	100P0F07	1024-000 UNIT	04-126-106	ZG											
919-121-449	90P0F05			107	90P0F05	924-000 UNIT	04-126-107	ZF		919-143-456	90P2F00			010	90P2F00	924-000 UNIT	04-148-011	ZF		1019-121-449	100P0F05			107	100P0F05	1024-000 UNIT	04-126-107	ZG											
	NC			108				ZF			NC			011				ZF			NC			108				ZG											
919-121-452	90P0F03			109	90P0F03	924-000 UNIT	04-126-109	ZF		919-143-402	90P2F30			012	90P2F30	924-000 UNIT	04-148-014	ZF		1019-121-452	100P0F03			109	100P0F03	1024-000 UNIT	04-126-109	ZG											
919-121-455	90P0F01			110	90P0F01	924-000 UNIT	04-126-110	ZF		919-143-405	90P2F28			013	90P2F28	924-000 UNIT	04-148-015	ZF		1019-121-455	100P0F01			110															

AP FIG 19 CAD 211

(CONT'D)

AP FIG 19 CAD 211

(CONT'D)

AP FIG 19 CAD 212

(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	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
J2 1028-136 JACK/UNIT (EBU)										J3 1028-148 (CONT'D) JACK/UNIT (EBU)										J2 1128-136 JACK/UNIT (EBU)										J3 1128-148 JACK/UNIT (EBU)									
1019-131-434	NC			000	100P1F14	1024-000 UNIT	04-136-001	ZG		1019-143-452	100P2F03			109	100P2F03	1024-000 UNIT	04-148-109	ZG		1119-131-434	110P1F14			000	110P1F14	1124-000 UNIT	04-136-001	ZJ		1119-131-434	110P1F14			000	110P1F14	1124-000 UNIT	04-136-001	ZJ	
1019-131-437	100P1F12			001	100P1F12	1024-000 UNIT	04-136-002	ZG		1019-143-455	100P2F01			110	100P2F01	1024-000 UNIT	04-148-110	ZG		1119-131-437	110P1F12			001	110P1F12	1124-000 UNIT	04-136-002	ZJ		1119-131-437	110P1F12			001	110P1F12	1124-000 UNIT	04-136-002	ZJ	
1019-131-440	NC			003	100P1F10	1024-000 UNIT	04-136-004	ZG		1019-143-401	100P2F31			111	100P2F31	1024-000 UNIT	04-148-111	ZG		1119-131-440	110P1F10			003	110P1F10	1124-000 UNIT	04-136-004	ZJ		1119-131-440	110P1F10			003	110P1F10	1124-000 UNIT	04-136-004	ZJ	
1019-131-443	100P1F08			004	100P1F08	1024-000 UNIT	04-136-005	ZG		1019-143-404	100P2F29			114	100P2F29	1024-000 UNIT	04-148-114	ZG		1119-131-443	110P1F08			004	110P1F08	1124-000 UNIT	04-136-005	ZJ		1119-131-443	110P1F08			004	110P1F08	1124-000 UNIT	04-136-005	ZJ	
1019-131-447	NC			006	100P1F06	1024-000 UNIT	04-136-007	ZG		1019-143-407	100P2F27			115	100P2F27	1024-000 UNIT	04-148-115	ZG		1119-131-447	110P1F06			006	110P1F06	1124-000 UNIT	04-136-007	ZJ		1119-131-447	110P1F06			006	110P1F06	1124-000 UNIT	04-136-007	ZJ	
1019-131-450	100P1F04			007	100P1F04	1024-000 UNIT	04-136-008	ZG		1019-143-410	100P2F25			116	100P2F25	1024-000 UNIT	04-148-116	ZG		1119-131-450	110P1F04			007	110P1F04	1124-000 UNIT	04-136-008	ZJ		1119-131-450	110P1F04			007	110P1F04	1124-000 UNIT	04-136-008	ZJ	
1019-131-453	NC			008	100P1F02	1024-000 UNIT	04-136-010	ZG		1019-143-414	100P2F23			117	100P2F23	1024-000 UNIT	04-148-117	ZG		1119-131-453	110P1F02			008	110P1F02	1124-000 UNIT	04-136-010	ZJ		1119-131-453	110P1F02			008	110P1F02	1124-000 UNIT	04-136-010	ZJ	
1019-131-456	100P1F00			009	100P1F00	1024-000 UNIT	04-136-011	ZG		1019-143-417	100P2F21			118	100P2F21	1024-000 UNIT	04-148-118	ZG		1119-131-456	110P1F00			009	110P1F00	1124-000 UNIT	04-136-011	ZJ		1119-131-456	110P1F00			009	110P1F00	1124-000 UNIT	04-136-011	ZJ	
1019-131-402	NC			010	100P1F30	1024-000 UNIT	04-136-014	ZG		1019-143-420	100P2F19			119	100P2F19	1024-000 UNIT	04-148-119	ZG		1119-131-402	110P1F30			010	110P1F30	1124-000 UNIT	04-136-014	ZJ		1119-131-402	110P1F30			010	110P1F30	1124-000 UNIT	04-136-014	ZJ	
1019-131-405	100P1F28			011	100P1F28	1024-000 UNIT	04-136-015	ZG		1019-143-423	100P2F17			120	100P2F17	1024-000 UNIT	04-148-120	ZG		1119-131-405	110P1F28			011	110P1F28	1124-000 UNIT	04-136-015	ZJ		1119-131-405	110P1F28			011	110P1F28	1124-000 UNIT	04-136-015	ZJ	
1019-131-408	NC			013	100P1F26	1024-000 UNIT	04-136-017	ZG			NC			121			04-148-121	ZG		1119-131-408	110P1F26			013	110P1F26	1124-000 UNIT	04-136-017	ZJ		1119-131-408	110P1F26			013	110P1F26	1124-000 UNIT	04-136-017	ZJ	
1019-131-411	100P1F24			016	100P1F24	1024-000 UNIT	04-136-018	ZG			NC			122			04-148-122	ZG		1119-131-411	110P1F24			016	110P1F24	1124-000 UNIT	04-136-018	ZJ		1119-131-411	110P1F24			016	110P1F24	1124-000 UNIT	04-136-018	ZJ	
1019-131-415	NC			017	100P1F22	1024-000 UNIT	04-136-020	ZG			NC			123			04-148-123	ZG		1119-131-415	110P1F22			017	110P1F22	1124-000 UNIT	04-136-020	ZJ		1119-131-415	110P1F22			017	110P1F22	1124-000 UNIT	04-136-020	ZJ	
1019-131-418	100P1F20			018	100P1F20	1024-000 UNIT	04-136-021	ZG			NC			124				ZG		1119-131-418	110P1F20			018	110P1F20	1124-000 UNIT	04-136-021	ZJ		1119-131-418	110P1F20			018	110P1F20	1124-000 UNIT	04-136-021	ZJ	
1019-131-421	NC			022	100P1F18	1024-000 UNIT	04-136-023	ZG		AP FIG 19 CAD 212										1019-131-421	110P1F18			022	110P1F18	1124-000 UNIT	04-136-023	ZJ		1019-131-421	110P1F18			022	110P1F18	1124-000 UNIT	04-136-023	ZJ	
1019-131-424	100P1F16			023	100P1F16	1024-000 UNIT	04-136-024	ZG		ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU2 BAY 11										1019-131-424	110P1F16			023	110P1F16	1124-000 UNIT	04-136-024	ZJ		1019-131-424	110P1F16			023	110P1F16	1124-000 UNIT	04-136-024	ZJ	
1019-131-433	100P1F15			024	100P1F15	1024-000 UNIT	04-136-100	ZG												1019-131-433	110P1F15			024	110P1F15	1124-000 UNIT	04-136-100	ZJ		1019-131-433	110P1F15			024	110P1F15	1124-000 UNIT	04-136-100	ZJ	
1019-131-436	100P1F13			025	100P1F13	1024-000 UNIT	04-136-101	ZG												1019-131-436	110P1F13			025	110P1F13	1124-000 UNIT	04-136-101	ZJ		1019-131-436	110P1F13			025	110P1F13	1124-000 UNIT	04-136-101	ZJ	
1019-131-439	NC			026	100P1F11	1024-000 UNIT	04-136-103	ZG												1019-131-439	110P1F11			026	110P1F11	1124-000 UNIT	04-136-103	ZJ		1019-131-439	110P1F11			026	110P1F11	1124-000 UNIT	04-136-103	ZJ	
1019-131-442	100P1F09			027	100P1F09	1024-000 UNIT	04-136-104	ZG												1019-131-442	110P1F09			027	110P1F09	1124-000 UNIT	04-136-104	ZJ		1019-131-442	110P1F09			027	110P1F09	1124-000 UNIT	04-136-104	ZJ	
1019-131-446	NC			028	100P1F07	1024-000 UNIT	04-136-106	ZG												1019-131-446	110P1F07			028	110P1F07	1124-000 UNIT	04-136-106	ZJ		1019-131-446	110P1F07			028	110P1F07	1124-000 UNIT	04-136-106	ZJ	
1019-131-449	100P1F05			029	100P1F05	1024-000 UNIT	04-136-107	ZG												1019-131-449	110P1F05			029	110P1F05	1124-000 UNIT	04-136-107	ZJ		1019-131-449	110P1F05			029	110P1F05	1124-000 UNIT	04-136-107	ZJ	
1019-131-452	NC			030	100P1F03	1024-000 UNIT	04-136-109	ZG												1019-131-452	110P1F03			030	110P1F03	1124-000 UNIT	04-136-109	ZJ		1019-131-452	110P1F03			030	110P1F03	1124-000 UNIT	04-136-109	ZJ	
1019-131-455	100P1F01			031	100P1F01	1024-000 UNIT	04-136-110	ZG												1019-131-455	110P1F01			031	110P1F01	1124-000 UNIT	04-136-110	ZJ		1019-131-455	110P1F01			0313					

(CONT'D)

AP FIG 19 CAD 213									
ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 0									
TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1			D45-126	JACK/UNIT	(EBU).....				
	NC		000						ZJ
036-121-434	0EP0F14		001	0EP0F14	041-000	UNIT	04-126-001		ZJ
036-121-437	0EP0F12		002	0EP0F12	041-000	UNIT	04-126-002		ZJ
	NC		003						ZJ
036-121-440	0EP0F10		004	0EP0F10	041-000	UNIT	04-126-004		ZJ
036-121-443	0EP0F08		005	0EP0F08	041-000	UNIT	04-126-005		ZJ
	NC		006						ZJ
036-121-447	0EP0F06		007	0EP0F06	041-000	UNIT	04-126-007		ZJ
036-121-450	0EP0F04		008	0EP0F04	041-000	UNIT	04-126-008		ZJ
	NC		009						ZJ
036-121-453	0EP0F02		010	0EP0F02	041-000	UNIT	04-126-010		ZJ
036-121-456	0EP0F00		011	0EP0F00	041-000	UNIT	04-126-011		ZJ
	NC		013						ZJ
036-121-402	0EP0F30		014	0EP0F30	041-000	UNIT	04-126-014		ZJ
036-121-405	0EP0F28		015	0EP0F28	041-000	UNIT	04-126-015		ZJ
	NC		016						ZJ
036-121-408	0EP0F26		017	0EP0F26	041-000	UNIT	04-126-017		ZJ
036-121-411	0EP0F24		018	0EP0F24	041-000	UNIT	04-126-018		ZJ
	NC		019						ZJ
036-121-415	0EP0F22		020	0EP0F22	041-000	UNIT	04-126-020		ZJ

(CONT'D)

TO CONNECTION			FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOT
J1				045-126 (CONT'D)	JACK/UNIT	(EBU)			
036-121-418	0EP0F20 NC			021 022	0EP0F20	041-000 UNIT	04-126-021	ZJ	
036-121-421	0EP0F18			023	0EP0F18	041-000 UNIT	04-126-023	ZJ	
036-121-424	0EP0F16			024	0EP0F16	041-000 UNIT	04-126-024	ZJ	
036-121-433	0EP0F15			100	0EP0F15	041-000 UNIT	04-126-100	ZJ	
036-121-436	0EP0F13 NC			101 102	0EP0F13	041-000 UNIT	04-126-101	ZJ	
036-121-439	0EP0F11			103	0EP0F11	041-000 UNIT	04-126-103	ZJ	
036-121-442	0EP0F09 NC			104 105	0EP0F09	041-000 UNIT	04-126-104	ZJ	
036-121-446	0EP0F07			106	0EP0F07	041-000 UNIT	04-126-106	ZJ	
036-121-449	0EP0F05 NC			107 108	0EP0F05	041-000 UNIT	04-126-107	ZJ	
036-121-452	0EP0F03			109	0EP0F03	041-000 UNIT	04-126-109	ZJ	
036-121-455	0EP0F01 NC			110 111	0EP0F01	041-000 UNIT	04-126-110	ZJ	
036-121-401	0EP0F31			113	0EP0F31	041-000 UNIT	04-126-113	ZJ	
036-121-404	0EP0F29 NC			114 115	0EP0F29	041-000 UNIT	04-126-114	ZJ	
036-121-407	0EP0F27			116	0EP0F27	041-000 UNIT	04-126-116	ZJ	
036-121-410	0EP0F25 NC			117 118	0EP0F25	041-000 UNIT	04-126-117	ZJ	
036-121-414	0EP0F23			119	0EP0F23	041-000 UNIT	04-126-119	ZJ	
036-121-417	0EP0F21 NC			120 121	0EP0F21	041-000 UNIT	04-126-120	ZJ	
036-121-420	0EP0F19			122	0EP0F19	041-000 UNIT	04-126-122	ZJ	
036-121-423	0EP0F17 NC			123 124	0EP0F17	041-000 UNIT	04-126-123	ZJ	
J2				045-136	JACK/UNIT	(EBU)			
036-131-434	NC			000				ZJ	
036-131-437	0EP1F14 NC			001 002	0EP1F14	041-000 UNIT	04-136-001	ZJ	
036-131-440	0EP1F10			003	0EP1F12	041-000 UNIT	04-136-002	ZJ	
036-131-443	0EP1F08 NC			004 005	0EP1F10	041-000 UNIT	04-136-004	ZJ	
036-131-447	0EP1F06			006	0EP1F08	041-000 UNIT	04-136-005	ZJ	
036-131-450	0EP1F04 NC			007 008	0EP1F06	041-000 UNIT	04-136-007	ZJ	
036-131-453	0EP1F02			009	0EP1F04	041-000 UNIT	04-136-008	ZJ	
036-131-456	0EP1F00 NC			010 011	0EP1F02	041-000 UNIT	04-136-010	ZJ	
036-131-402	0EP1F30			012	0EP1F00	041-000 UNIT	04-136-011	ZJ	
036-131-405	0EP1F28 NC			013 014	0EP1F30	041-000 UNIT	04-136-014	ZJ	
036-131-408	0EP1F26			015	0EP1F28	041-000 UNIT	04-136-015	ZJ	
036-131-411	0EP1F24 NC			016 017	0EP1F26	041-000 UNIT	04-136-017	ZJ	
036-131-415	0EP1F22			018	0EP1F24	041-000 UNIT	04-136-018	ZJ	
036-131-418	0EP1F20 NC			019 020	0EP1F22	041-000 UNIT	04-136-020	ZJ	
036-131-421	0EP1F18			021	0EP1F20	041-000 UNIT	04-136-021	ZJ</	

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J3				045-148	JACK/UNIT	(E8U)	.....		
	NC			000					ZJ
036-143-434	0EP2F14			001	0EP2F14	041-000 UNIT	04-148-001		ZJ
036-143-437	0EP2F12			002	0EP2F12	041-000 UNIT	04-148-002		ZJ
	NC			003					ZJ
036-143-440	0EP2F10			004	0EP2F10	041-000 UNIT	04-148-004		ZJ
036-143-443	0EP2F08			005	0EP2F08	041-000 UNIT	04-148-005		ZJ
	NC			006					ZJ
036-143-447	0EP2F06			007	0EP2F06	041-000 UNIT	04-148-007		ZJ
036-143-450	0EP2F04			008	0EP2F04	041-000 UNIT	04-148-008		ZJ
	NC			009					ZJ
036-143-453	0EP2F02			010	0EP2F02	041-000 UNIT	04-148-010		ZJ
036-143-456	0EP2F00			011	0EP2F00	041-000 UNIT	04-148-011		ZJ
	NC			013					ZJ
036-143-402	0EP2F30			014	0EP2F30	041-000 UNIT	04-148-014		ZJ
036-143-405	0EP2F28			015	0EP2F28	041-000 UNIT	04-148-015		ZJ
	NC			016					ZJ
036-143-408	0EP2F26			017	0EP2F26	041-000 UNIT	04-148-017		ZJ
036-143-411	0EP2F24			018	0EP2F24	041-000 UNIT	04-148-018		ZJ
	NC			019					ZJ
036-143-415	0EP2F22			020	0EP2F22	041-000 UNIT	04-148-020		ZJ
036-143-418	0EP2F20			021	0EP2F20	041-000 UNIT	04-148-021		ZJ
	NC			022					ZJ
036-143-421	0EP2F18			023	0EP2F18	041-000 UNIT	04-148-023		ZJ
036-143-424	0EP2F16			024	0EP2F16	041-000 UNIT	04-148-024		ZJ
036-143-433	0EP2F15			100	0EP2F15	041-000 UNIT	04-148-100		ZJ
036-143-436	0EP2F13			101	0EP2F13	041-000 UNIT	04-148-101		ZJ
	NC			102					ZJ
036-143-439	0EP2F11			103	0EP2F11	041-000 UNIT	04-148-103		ZJ
036-143-442	0EP2F09			104	0EP2F09	041-000 UNIT	04-148-104		ZJ
	NC			105					ZJ
036-143-446	0EP2F07			106	0EP2F07	041-000 UNIT	04-148-106		ZJ
036-143-449	0EP2F05			107	0EP2F05	041-000 UNIT	04-148-107		ZJ
	NC			108					ZJ
036-143-452	0EP2F03			109	0EP2F03	041-000 UNIT	04-148-109		ZJ
036-143-455	0EP2F01			110	0EP2F01	041-000 UNIT	04-148-110		ZJ
	NC			111					ZJ
036-143-401	0EP2F31			113	0EP2F31	041-000 UNIT	04-148-113		ZJ
036-143-404	0EP2F29			114	0EP2F29	041-000 UNIT	04-148-114		ZJ
	NC			115					ZJ
036-143-407	0EP2F27			116	0EP2F27	041-000 UNIT	04-148-116		ZJ
036-143-410	0EP2F25			117	0EP2F25	041-000 UNIT	04-148		

GB170

ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 1

ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 1

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ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 2

ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 2

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COMMUNICATION MODULE, MODEL Z - DOUBLE DUAL FABRIC		DWG SIZE	ISSUE
		C2	3B
AT&T	SD-50144-0Z		GB171

AP FIG 19 CAD 215

(CONT'D)

TO CONNECTION		FROM CONNECTION		TO CONNECTION		FROM CONNECTION	
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J2	245-136	JACK/UNIT	(EBU)	J3	245-148	JACK/UNIT	(EBU)
236-131-434	NC	000	2EP1F14	241-000	UNIT	04-136-001	ZF
236-131-437	2EP1F12	002	2EP1F12	241-000	UNIT	04-136-002	ZF
236-131-440	NC	003	2EP1F10	241-000	UNIT	04-136-004	ZF
236-131-443	2EP1F08	004	2EP1F08	241-000	UNIT	04-136-005	ZF
236-131-447	NC	005	2EP1F06	241-000	UNIT	04-136-007	ZF
236-131-450	2EP1F04	006	2EP1F04	241-000	UNIT	04-136-008	ZF
236-131-453	NC	007	2EP1F02	241-000	UNIT	04-136-010	ZF
236-131-456	2EP1F00	008	2EP1F00	241-000	UNIT	04-136-011	ZF
236-131-462	NC	009	2EP1F30	241-000	UNIT	04-136-014	ZF
236-131-465	2EP1F28	010	2EP1F28	241-000	UNIT	04-136-015	ZF
236-131-468	NC	011	2EP1F26	241-000	UNIT	04-136-017	ZF
236-131-471	2EP1F24	012	2EP1F24	241-000	UNIT	04-136-018	ZF
236-131-474	NC	013	2EP1F22	241-000	UNIT	04-136-020	ZF
236-131-477	2EP1F20	014	2EP1F20	241-000	UNIT	04-136-021	ZF
236-131-480	NC	015	2EP1F18	241-000	UNIT	04-136-023	ZF
236-131-483	2EP1F16	016	2EP1F16	241-000	UNIT	04-136-024	ZF
236-131-486	NC	017	2EP1F15	241-000	UNIT	04-136-100	ZF
236-131-489	2EP1F13	018	2EP1F13	241-000	UNIT	04-136-101	ZF
236-131-492	NC	019	2EP1F11	241-000	UNIT	04-136-103	ZF
236-131-495	2EP1F09	020	2EP1F09	241-000	UNIT	04-136-104	ZF
236-131-498	NC	021	2EP1F07	241-000	UNIT	04-136-106	ZF
236-131-501	2EP1F05	022	2EP1F05	241-000	UNIT	04-136-107	ZF
236-131-504	NC	023	2EP1F03	241-000	UNIT	04-136-109	ZF
236-131-507	2EP1F01	024	2EP1F01	241-000	UNIT	04-136-110	ZF
236-131-510	NC	025	2EP1F31	241-000	UNIT	04-136-113	ZF
236-131-513	2EP1F29	026	2EP1F29	241-000	UNIT	04-136-114	ZF
236-131-516	NC	027	2EP1F27	241-000	UNIT	04-136-116	ZF
236-131-519	2EP1F25	028	2EP1F25	241-000	UNIT	04-136-117	ZF
236-131-522	NC	029	2EP1F23	241-000	UNIT	04-136-119	ZF
236-131-525	2EP1F21	030	2EP1F21	241-000	UNIT	04-136-120	ZF
236-131-528	NC	031	2EP1F19	241-000	UNIT	04-136-122	ZF
236-131-531	2EP1F17	032	2EP1F17	241-000	UNIT	04-136-123	ZF
236-131-534	NC	033	2EP1F14	241-000	UNIT	04-148-001	ZF
236-131-537	2EP1F12	034	2EP1F12	241-000	UNIT	04-148-002	ZF
236-131-540	NC	035	2EP1F10	241-000	UNIT	04-148-004	ZF
236-131-543	2EP1F08	036	2EP1F08	241-000	UNIT	04-148-005	ZF
236-131-546	NC	037	2EP1F06	241-000	UNIT	04-148-007	ZF
236-131-549	2EP1F04	038	2EP1F04	241-000	UNIT	04-148-008	ZF
236-131-552	NC	039	2EP1F02	241-000	UNIT	04-148-010	ZF
236-131-555	2EP1F00	040	2EP1F00	241-000	UNIT	04-148-011	ZF
236-131-558	NC	041	2EP1F30	241-000	UNIT	04-148-014	ZF
236-131-561	2EP1F28	042	2EP1F28	241-000	UNIT	04-148-015	ZF
236-131-564	NC	043	2EP1F26	241-000	UNIT	04-148-017	ZF
236-131-567	2EP1F24	044	2EP1F24	241-000	UNIT	04-148-018	ZF
236-131-570	NC	045	2EP1F22	241-000	UNIT	04-148-020	ZF
236-131-573	2EP1F20	046	2EP1F20	241-000	UNIT	04-148-021	ZF
236-131-576	NC	047	2EP1F18	241-000	UNIT	04-148-023	ZF
236-131-579	2EP1F16	048	2EP1F16	241-000	UNIT	04-148-024	ZF
236-131-582	NC	049	2EP1F15	241-000	UNIT	04-148-100	ZF
236-131-585	2EP1F13	050	2EP1F13	241-000	UNIT	04-148-101	ZF
236-131-588	NC	051	2EP1F11	241-000	UNIT	04-148-103	ZF
236-131-591	2EP1F09	052	2EP1F09	241-000	UNIT	04-148-104	ZF
236-131-594	NC	053	2EP1F07	241-000	UNIT	04-148-106	ZF
236-131-597	2EP1F05	054	2EP1F05	241-000	UNIT	04-148-107	ZF
236-131-600	NC	055	2EP1F03	241-000	UNIT	04-148-109	ZF
236-131-603	2EP1F01	056	2EP1F01	241-000	UNIT	04-148-110	ZF
236-131-606	NC	057	2EP1F31	241-000	UNIT	04-148-113	ZF
236-131-609	2EP1F29	058	2EP1F29	241-000	UNIT	04-148-114	ZF
236-131-612	NC	059	2EP1F27	241-000	UNIT	04-148-116	ZF
236-131-615	2EP1F25	060	2EP1F25	241-000	UNIT	04-148-117	ZF
236-131-618	NC	061	2EP1F23	241-000	UNIT	04-148-119	ZF
236-131-621	2EP1F21	062	2EP1F21	241-000	UNIT	04-148-120	ZF
236-131-624	NC	063	2EP1F19	241-000	UNIT	04-148-122	ZF
236-131-627	2EP1F17	064	2EP1F17	241-000	UNIT	04-148-123	ZF
236-131-630	NC	065	2EP1F14	241-000	UNIT	04-148-001	ZF
236-131-633	2EP1F12	066	2EP1F12	241-000	UNIT	04-148-002	ZF
236-131-636	NC	067	2EP1F10	241-000	UNIT	04-148-004	ZF
236-131-639	2EP1F08	068	2EP1F08	241-000	UNIT	04-148-005	ZF
236-131-642	NC	069	2EP1F06	241-000	UNIT	04-148-007	ZF
236-131-645	2EP1F04	070	2EP1F04	241-000	UNIT	04-148-008	ZF
236-131-648	NC	071	2EP1F02	241-000	UNIT	04-148-010	ZF
236-131-651	2EP1F00	072	2EP1F00	241-000	UNIT	04-148-011	ZF
236-131-654	NC	073	2EP1F30	241-000	UNIT	04-148-014	ZF
236-131-657	2EP1F28	074	2EP1F28	241-000	UNIT	04-148-015	ZF
236-131-660	NC	075	2EP1F26	241-000	UNIT	04-148-017	ZF
236-131-663	2EP1F24	076	2EP1F24	241-000	UNIT	04-148-018	ZF
236-131-666	NC	077	2EP1F22	241-000	UNIT	04-148-020	ZF
236-131-669	2EP1F20	078	2EP1F20	241-000	UNIT	04-148-021	ZF
236-131-672	NC	079	2EP1F18	241-000	UNIT	04-148-023	ZF
236-131-675	2EP1F16	080	2EP1F16	241-000	UNIT	04-148-024	ZF
236-131-678	NC	081	2EP1F15	241-000	UNIT	04-148-100	ZF
236-131-681	2EP1F13	082	2EP1F13	241-000	UNIT	04-148-101	ZF
236-131-684	NC	083	2EP1F11	241-000	UNIT	04-148-103	ZF
236-131-687	2EP1F09	084	2EP1F09	241-000	UNIT	04-148-104	ZF
236-131-690	NC	085	2EP1F07	241-000	UNIT	04-148-106	ZF
236-131-693	2EP1F05	086	2EP1F05	241-000	UNIT	04-148-107	ZF
236-131-696	NC	087	2EP1F03	241-000	UNIT	04-148-109	ZF
236-131-699	2EP1F01	088	2EP1F01	241-000	UNIT	04-148-110	ZF
236-131-702	NC	089	2EP1F31	241-000	UNIT	04-148-113	ZF
236-131-705	2EP1F29	090	2EP1F29	241-000	UNIT	04-148-114	ZF
236-131-708	NC	091	2EP1F27	241-000	UNIT	04-148-116	ZF
236-131-711	2EP1F25	092	2EP1F25	241-000	UNIT	04-148-117	ZF
236-131-714	NC	093	2EP1F23	241-000	UNIT	04-148-119	ZF
236-131-717	2EP1F21	094	2EP1F21	241-000	UNIT	04-148-120	ZF
236-131-720	NC	095	2EP1F19	241-000	UNIT	04-148-122	ZF
236-131-723	2EP1F17	096	2EP1F17	241-000	UNIT	04-148-123	ZF
236-131-726	NC	097	2EP1F14	241-000	UNIT	04-148-001	ZF
236-131-729	2EP1F12	098	2EP1F12	241-000	UNIT	04-148-002	ZF
236-131-732	NC	099	2EP1F10	241-000	UNIT	04-148-004	ZF
236-131-735	2EP1F08	100	2EP1F08	241-000	UNIT	04-148-005	ZF
236-131-738	NC	101	2EP1F06	241-000	UNIT	04-148-007	ZF
236-131-741	2EP1F04	102	2EP1F04	241-000	UNIT	04-148-008	ZF
236-131-744	NC	103	2EP1F02	241-000	UNIT	04-148-010	ZF
236-131-747	2EP1F00	104	2EP1F00	241-000	UNIT	04-148-011	ZF
236-131-750	NC	105	2EP1F30	241-000	UNIT	04-148-014	ZF
236-131-753	2EP1F28	106	2EP1F28	241-000	UNIT	04-148-015	ZF
236-131-756	NC	107	2EP1F26	241-000	UNIT	04-148-017	ZF
236-131-759	2EP1F24	108	2EP1F24	241-000	UNIT	04-148-018	ZF
236-131-762	NC	109	2EP1F22	241-000	UNIT	04-148-020	ZF
236-131-765	2EP1F20	110	2EP1F20	241-000	UNIT	04-148-021	ZF
236-131-768	NC	111	2EP1F18	241-000	UNIT	04-148-023	ZF
236-131-771	2EP1F16	112	2EP1F16	241-000	UNIT	04-148-024	ZF
236-131-774	NC	113	2EP1F15	241-000	UNIT	04-148-100	ZF
236-131-777	2EP1F13	114	2EP1F13	241-000	UNIT	04-148-101	ZF
236-131-780	NC	115	2EP1F11	241-000	UNIT	04-148-103	ZF
236-131-783	2EP1F09	116	2EP1F09	241-000	UNIT	04-148-104	ZF
236-131-786	NC	117	2EP1F07	241-000	UNIT	04-148-106	ZF
236-131-789	2EP1F05	118	2EP1F05	241-000	UNIT	04-148-107	ZF
236-131-792	NC	119	2EP1F03	241-000	UNIT	04-148-109	ZF
236-131-795	2EP1F01	120	2EP1F01	241-000	UNIT	04-148-110	ZF
236-131-798	NC	121	2EP1F31	241-000	UNIT	04-148-113	ZF
236-131-801	2EP1F29	122	2EP1F29	241-000	UNIT	04-148-114	ZF
236-131-804	NC	123	2EP1F27	241-000	UNIT	04-148-116	ZF
236-131-807	2EP1F25	124	2EP1F25	241-000	UNIT	04-148-117	ZF
236-131-810	NC	125	2EP1F23	241-000	UNIT	04-148-119	ZF
236-131-813	2EP1F21	126	2EP1F21	241-000	UNIT	04-148-120	ZF
236-131-816	NC	127	2EP1F19	241-000	UNIT	04-148-122	ZF
236-131-819	2EP1F17	128	2EP1F17	241-000	UNIT	04-148-123	ZF
236-131-822	NC	129	2EP1F14	241-000	UNIT	04-148-001	ZF
236-131-825	2EP1F12	130	2EP1F12	241-000	UNIT	04-148-002	ZF
236-131-828	NC	131	2EP1F10	241-000	UNIT	04-148-004	ZF
236-131-831	2EP1F08	132	2EP1F08	241-000	UNIT	04-148-005	ZF
236-131-834	NC	133	2EP1F06	241-000	UNIT	04-148-007	ZF
236-131-837	2EP1F04	134	2EP1F04	241-000	UNIT	04-148-008	ZF
236-131-840	NC	135	2EP1F02	241-000	UNIT	04-148-010	ZF
236-131-843	2EP1F00	136	2EP1F00	241-000	UNIT</		

AP FIG 19 CAD 216

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J3				345-148	JACK/UNIT (EBU)				
336-143-434	NC			000					
336-143-437	3EP2F14			001	3EP2F14	341-000 UNIT	04-148-001	ZE	
	3EP2F12			002	3EP2F12	341-000 UNIT	04-148-002	ZE	
	NC			003					
336-143-440	3EP2F10			004	3EP2F10	341-000 UNIT	04-148-004	ZE	
336-143-443	3EP2F08			005	3EP2F08	341-000 UNIT	04-148-005	ZE	
	NC			006					
336-143-447	3EP2F06			007	3EP2F06	341-000 UNIT	04-148-007	ZE	
336-143-450	3EP2F04			008	3EP2F04	341-000 UNIT	04-148-008	ZE	
	NC			009					
336-143-453	3EP2F02			010	3EP2F02	341-000 UNIT	04-148-010	ZE	
336-143-456	3EP2F00			011	3EP2F00	341-000 UNIT	04-148-011	ZE	
	NC			013					
336-143-402	3EP2F30			014	3EP2F30	341-000 UNIT	04-148-014	ZE	
336-143-405	3EP2F28			015	3EP2F28	341-000 UNIT	04-148-015	ZE	
	NC			016					
336-143-408	3EP2F26			017	3EP2F26	341-000 UNIT	04-148-017	ZE	
336-143-411	3EP2F24			018	3EP2F24	341-000 UNIT	04-148-018	ZE	
	NC			019					
336-143-415	3EP2F22			020	3EP2F22	341-000 UNIT	04-148-020	ZE	
336-143-418	3EP2F20			021	3EP2F20	341-000 UNIT	04-148-021	ZE	
	NC			022					
336-143-421	3EP2F18			023	3EP2F18	341-000 UNIT	04-148-023	ZE	
336-143-424	3EP2F16			024	3EP2F16	341-000 UNIT	04-148-024	ZE	
336-143-433	3EP2F15			100	3EP2F15	341-000 UNIT	04-148-100	ZE	
336-143-436	3EP2F13			101	3EP2F13	341-000 UNIT	04-148-101	ZE	
	NC			102					
336-143-439	3EP2F11			103	3EP2F11	341-000 UNIT	04-148-103	ZE	
336-143-442	3EP2F09			104	3EP2F09	341-000 UNIT	04-148-104	ZE	
	NC			105					
336-143-446	3EP2F07			106	3EP2F07	341-000 UNIT	04-148-106	ZE	
336-143-449	3EP2F05			107	3EP2F05	341-000 UNIT	04-148-107	ZE	
	NC			108					
336-143-452	3EP2F03			109	3EP2F03	341-000 UNIT	04-148-109	ZE	
336-143-455	3EP2F01			110	3EP2F01	341-000 UNIT	04-148-110	ZE	
	NC			111					
336-143-401	3EP2F31			113	3EP2F31	341-000 UNIT	04-148-113	ZE	
336-143-404	3EP2F29			114	3EP2F29	341-000 UNIT	04-148-114	ZE	
	NC			115					
336-143-407	3EP2F27			116	3EP2F27	341-000 UNIT	04-148-116	ZE	
336-143-410	3EP2F25			117	3EP2F25	341-000 UNIT	04-148-117	ZE	
	NC			118					
336-143-414	3EP2F23			119	3EP2F23	341-000 UNIT	04-148-119	ZE	
336-143-417	3EP2F21			120	3EP2F21	341-000 UNIT	04-148-120	ZE	
	NC			121					
336-143-420	3EP2F19			122	3EP2F19	341-000 UNIT	04-148-122	ZE	
336-143-423	3EP2F17			123	3EP2F17	341-000 UNIT	04-148-123	ZE	
	NC			124					

AP FIG 1 CAD 217

ECL-BUS UNIT TRANSMIT DATA, UPPER TMSUZ BAY 4

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				445-170	JACK/UNIT (EBU)				
436-121-434	NC			032					
436-121-437	4EP0F14			033	4EP0F14	441-000 UNIT	04-170-033		
	4EP0F12			034	4EP0F12	441-000 UNIT	04-170-034		
	NC			035					
436-121-440	4EP0F10			036	4EP0F10	441-000 UNIT	04-170-036		
436-121-443	4EP0F08			037	4EP0F08	441-000 UNIT	04-170-037		
	NC			038					
436-121-447	4EP0F06			039	4EP0F06	441-000 UNIT	04-170-039		
436-121-450	4EP0F04			040	4EP0F04	441-000 UNIT	04-170-040		
	NC			041					
436-121-453	4EP0F02			042	4EP0F02	441-000 UNIT	04-170-042		
436-121-456	4EP0F00			043	4EP0F00	441-000 UNIT	04-170-043		
	NC			045					
436-121-402	4EP0F30			046	4EP0F30	441-000 UNIT	04-170-046		
436-121-405	4EP0F28			047	4EP0F28	441-000 UNIT	04-170-047		
	NC			048					
436-121-408	4EP0F26			049	4EP0F26	441-000 UNIT	04-170-049		
436-121-411	4EP0F24			050	4EP0F24	441-000 UNIT	04-170-050		
	NC			051					
436-121-415	4EP0F22			052	4EP0F22	441-000 UNIT	04-170-052		

AP FIG 1 CAD 217

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J1				445-170 (CONT'D)	JACK/UNIT	(EBU)	.....
436-121-418	4EP0F20			053	4EP0F20	441-000 UNIT	04-170-053
	NC			054			
436-121-421	4EP0F18			055	4EP0F18	441-000 UNIT	04-170-055
436-121-424	4EP0F16			056	4EP0F16	441-000 UNIT	04-170-056
436-121-433	4EP0F15			132	4EP0F15	441-000 UNIT	04-170-132
436-121-436	4EP0F13			133	4EP0F13	441-000 UNIT	04-170-133
	NC			134			
436-121-439	4EP0F11			135	4EP0F11	441-000 UNIT	04-170-135
436-121-442	4EP0F09			136	4EP0F09	441-000 UNIT	04-170-136
	NC			137			
436-121-446	4EP0F07			138	4EP0F07	441-000 UNIT	04-170-138
436-121-449	4EP0F05			139	4EP0F05	441-000 UNIT	04-170-139
	NC			140			
436-121-452	4EP0F03			141	4EP0F03	441-000 UNIT	04-170-141
436-121-455	4EP0F01			142	4EP0F01	441-000 UNIT	04-170-142
	NC			143			
436-121-401	4EP0F31			145	4EP0F31	441-000 UNIT	04-170-145
436-121-404	4EP0F29			146	4EP0F29	441-000 UNIT	04-170-146
	NC			147			
436-121-407	4EP0F27			148	4EP0F27	441-000 UNIT	04-170-148
436-121-410	4EP0F25			149	4EP0F25	441-000 UNIT	04-170-149
	NC			150			
436-121-414	4EP0F23			151	4EP0F23	441-000 UNIT	04-170-151
436-121-417	4EP0F21			152	4EP0F21	441-000 UNIT	04-170-152
	NC			153			
436-121-420	4EP0F19			154	4EP0F19	441-000 UNIT	04-170-154
436-121-423	4EP0F17			155	4EP0F17	441-000 UNIT	04-170-155
	NC			156			
.....J2				445-164	JACK/UNIT	(EBU)	.....
	NC			032			
436-131-434	4EP1F14			033	4EP1F14	441-000 UNIT	04-164-033
436-131-437	4EP1F12			034	4EP1F12	441-000 UNIT	04-164-034
	NC			035			
436-131-440	4EP1F10			036	4EP1F10	441-000 UNIT	04-164-036
436-131-443	4EP1F08			037	4EP1F08	441-000 UNIT	04-164-037
	NC			038			
436-131-447	4EP1F06			039	4EP1F06	441-000 UNIT	04-164-039
436-131-450	4EP1F04			040	4EP1F04	441-000 UNIT	04-164-040
	NC			041			
436-131-453	4EP1F02			042	4EP1F02	441-000 UNIT	04-164-042
436-131-456	4EP1F00			043	4EP1F00	441-000 UNIT	04-164-043
	NC			045			
436-131-402	4EP1F30			046	4EP1F30	441-000 UNIT	04-164-046
436-131-405	4EP1F28			047	4EP1F28	441-000 UNIT	04-164-047
	NC			048			
436-131-408	4EP1F26			049	4EP1F26	441-000 UNIT	04-164-049
436-131-411	4EP1F24			050	4EP1F24	441-000 UNIT	04-164-050
	NC			051			
436-131-415	4EP1F22			052	4EP1F22	441-000 UNIT	04-164-052
436-131-418	4EP1F20			053	4EP1F20	441-000 UNIT	04-164-053
	NC			054			
436-131-421	4EP1F18			055	4EP1F18	441-000 UNIT	04-164-055
436-131-424	4EP1F16			056	4EP1F16	441-000 UNIT	04-164-056
436-131-433	4EP1F15			132	4EP1F15	441-000 UNIT	04-164-132
436-131-436	4EP1F13			133	4EP1F13	441-000 UNIT	04-164-133
	NC			134			
436-131-439	4EP1F11			135	4EP1F11	441-000 UNIT	04-164-135
436-131-442	4EP1F09			136	4EP1F09	441-000 UNIT	04-164-136
	NC			137			
436-131-446	4EP1F07			138	4EP1F07	441-000 UNIT	04-164-138
436-131-449	4EP1F05			139	4EP1F05	441-000 UNIT	04-164-139
	NC			140			
436-131-452	4EP1F03			141	4EP1F03	441-000 UNIT	04-164-141
436-131-455	4EP1F01			142	4EP1F01	441-000 UNIT	04-164-142
	NC			143			
436-131-401	4EP1F31			145	4EP1F31	441-000 UNIT	04-164-145
436-131-404	4EP1F29			146	4EP1F29	441-000 UNIT	04-164-146
	NC			147			
436-131-407	4EP1F27			148	4EP1F27	441-000 UNIT	04-164-148
436-131-410	4EP1F25			149	4EP1F25	441-000 UNIT	04-164-149
	NC			150			
436-131-414	4EP1F23			151	4EP1F23	441-000 UNIT	04-164-151
436-131-417	4EP1F21			152	4EP1F21	441-000 UNIT	04-164-152
	NC			153			
436-131-420	4EP1F19			154	4EP1F19	441-000 UNIT	04-164-154
436-131-423	4EP1F17			155	4EP1F17	441-000 UNIT	04-164-155
	NC			156			

AP FIG 1 CAD 218

ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 5

AP FIG 1 CAD 218

(CONT'D)

AP FIG 1 CAD 219

ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 6

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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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536-121-434	NC			000	SEP0F14	441-000	UNIT		04-170-001	536-131-432	SEP1F03			109	SEP1F03	441-000	UNIT		04-164-109	636-121-434	NC			000	SEP0F14	741-000	UNIT		04-021-001	636-121-437	SEP0F12			002	SEP0F12	741-000	UNIT		04-021-002	636-121-440	SEP0F10			004	SEP0F10	741-000	UNIT		04-021-004	536-121-443	SEP0F08			005	SEP0F08	741-000	UNIT		04-021-005	536-121-447	SEP0F06			007	SEP0F06	741-000	UNIT		04-021-007	536-121-450	SEP0F04			008	SEP0F04	741-000	UNIT		04-021-008	536-121-453	SEP0F02			010	SEP0F02	741-000	UNIT		04-021-010	536-121-456	SEP0F00			011	SEP0F00	741-000	UNIT		04-021-011	536-121-402	SEP0F30			014	SEP0F30	741-000	UNIT		04-021-014	536-121-405	SEP0F28			015	SEP0F28	741-000	UNIT		04-021-015	536-121-408	SEP0F26			016	SEP0F26	741-000	UNIT		04-021-016	536-121-411	SEP0F24			018	SEP0F24	741-000	UNIT		04-021-018	536-121-415	SEP0F22			020	SEP0F22	741-000	UNIT		04-021-020	536-121-418	SEP0F20			021	SEP0F20	741-000	UNIT		04-021-021	536-121-421	SEP0F18			023	SEP0F18	741-000	UNIT		04-021-023	536-121-424	SEP0F16			024	SEP0F16	741-000	UNIT		04-021-024																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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536-131-434	SEP1F14			001	SEP1F14	441-000	UNIT		04-164-001	536-143-434	SEP2F14			001	SEP2F14	441-000	UNIT		04-158-001	636-121-434	NC			000	SEP0F14	741-000	UNIT		04-021-001	536-131-437	SEP1F12			002	SEP1F12	441-000	UNIT		04-164-002	636-121-437	SEP0F12			002	SEP0F12	741-000	UNIT		04-021-002	536-131-440	SEP1F10			004	SEP1F10	441-000	UNIT		04-164-004	536-131-443	SEP1F08			005	SEP1F08	441-000	UNIT		04-164-005	536-131-447	SEP1F06			007	SEP1F06	441-000	UNIT		04-164-007	536-131-450	SEP1F04			008	SEP1F04	441-000	UNIT		04-164-008	536-131-453	SEP1F02			010	SEP1F02	441-000	UNIT		04-164-010	536-131-456	SEP1F00			011	SEP1F00	441-000	UNIT		04-164-011	536-131-402	SEP1F30			014	SEP1F30	441-000	UNIT		04-164-014	536-131-405	SEP1F28			015	SEP1F28	441-000	UNIT		04-164-015	536-131-408	SEP1F26			017	SEP1F26	441-000	UNIT		04-164-017	536-131-411	SEP1F24			018	SEP1F24	441-000	UNIT		04-164-018	536-131-415	SEP1F22			020	SEP1F22	441-000	UNIT		04-164-020	536-131-418	SEP1F20			021	SEP1F20	441-000	UNIT		04-164-021	536-131-421	SEP1F18			023	SEP1F18	441-000	UNIT		04-164-023	536-131-424	SEP1F16			024	SEP1F16	441-000	UNIT		04-164-024																																																																																																																																																																																																																																																																																																																																																																																																																																														
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536-143-434	SEP2F14			001	SEP2F14	441-000	UNIT		04-170-001	536-143-437	SEP2F12			002	SEP2F12	441-000	UNIT		04-170-002	636-121-434	NC			000	SEP0F14	741-000	UNIT		04-021-001	536-143-440	SEP2F10			004	SEP2F10	441-000	UNIT		04-170-004	636-121-437	SEP0F12			002	SEP0F12	741-000	UNIT		04-021-002	536-143-443	SEP2F08			005	SEP2F08	441-000	UNIT		04-170-005	536-143-447	SEP2F06			007	SEP2F06	441-000	UNIT		04-170-007	536-143-450	SEP2F04			008	SEP2F04	441-000	UNIT		04-170-008	536-143-453	SEP2F02			010	SEP2F02	441-000	UNIT		04-170-010	536-143-456	SEP2F00			011	SEP2F00	441-000	UNIT		04-170-011	536-143-402	SEP2F30			014	SEP2F30	441-000	UNIT		04-170-014	536-143-405	SEP2F28			015	SEP2F28	441-000	UNIT		04-170-015	536-143-408	SEP2F26			017	SEP2F26	441-000	UNIT		04-170-017	536-143-411	SEP2F24			018	SEP2F24	441-000	UNIT		04-170-018	536-143-415	SEP2F22			020	SEP2F22	441-000	UNIT		04-170-020	536-143-418	SEP2F20			021	SEP2F20	441-000	UNIT		04-170-021	536-143-421	SEP2F18			023	SEP2F18	441-000	UNIT		04-170-023	536-143-424	SEP2F16			024	SEP2F16	441-000	UNIT		04-170-024	536-143-433	SEP2F15			100	SEP2F15	441-000	UNIT		04-170-100	536-143-436	SEP2F13			101	SEP2F13	441-000	UNIT		04-170-101	536-143-439	SEP2F11			103	SEP2F11	441-000	UNIT		04-170-103	536-143-442	SEP2F09			104	SEP2F09	441-000	UNIT		04-170-104	536-143-446	SEP2F07			106	SEP2F07	441-000	UNIT		04-170-106	536-143-449	SEP2F05			107	SEP2F05	441-000	UNIT		04-170-107	536-143-452	SEP2F03			109	SEP2F03	441-000	UNIT		04-170-109	536-143-455	SEP2F01			110	SEP2F01	441-000	UNIT		04-170-110	536-143-401	SEP2F31			113	SEP2F31	441-000	UNIT		04-170-113	536-143-404	SEP2F29			114	SEP2F29	441-000	UNIT		04-170-114	536-143-407	SEP2F27			116	SEP2F27	441-000	UNIT		04-170-116	536-143-410	SEP2F25			117	SEP2F25	441-000	UNIT		04-170-117	536-143-414	SEP2F23			119	SEP2F23	441-000	UNIT		04-170-119	536-143-417	SEP2F21			120	SEP2F21	441-000	UNIT		04-170-120	536-143-420	SEP2F19			122	SEP2F19	441-000	UNIT		04-170-122	536-143-423	SEP2F17			123	SEP2F17	441-000	UNIT		04-170-123	536-143-426	SEP2F15			125	SEP2F15	441-000	UNIT		04-170-125	536-143-429	SEP2F13			127	SEP2F13	441-000	UNIT		04-170-127	536-143-432	SEP2F11			129	SEP2F11	441-000	UNIT		04-170-129	536-143-435	SEP2F09			131	SEP2F09	441-000	UNIT		04-170-131	536-143-438	SEP2F07			133	SEP2F07	441-000	UNIT		04-170-133	536-143-441	SEP2F05			135	SEP2F05	441-000	UNIT		04-170-135	536-143-444	SEP2F03			137	SEP2F03	441-000	UNIT		04-170-137	536-143-447	SEP2F01			139	SEP2F01	441-000	UNIT		04-170-139	536-143-450	SEP2F00			140	SEP2F00	441-000	UNIT		04-170-140	536-143-453	SEP2F00			141	SEP2F00	441-000	UNIT		04-170-141	536-143-456	SEP2F00			142	SEP2F00	441-000	UNIT		04-170-142	536-143-459	SEP2F00			143	SEP2F00	441-000	UNIT		04-170-143	536-143-462	SEP2F00			144	SEP2F00	441-000	UNIT		04-170-144	536-143-465	SEP2F00			145	SEP2F00	441-000	UNIT		04-170-145	536-143-468	SEP2F00			146	SEP2F00	441-000	UNIT		04-170-146	536-143-471	SEP2F00			147	SEP2F00	441-000	UNIT		04-170-147	536-143-474	SEP2F00			148	SEP2F00	441-000	UNIT		04-170-148	536-143-477	SEP2F00			149	SEP2F00	441-000	UNIT		04-170-149	536-143-480	SEP2F00			150	SEP2F00	441-000	UNIT		04-170-150	536-143-483	SEP2F00			151	SEP2F00	441-000	UNIT		04-170-151	536-143-486	SEP2F00			152	SEP2F00	441-000	UNIT		04-170-152	536-143-489	SEP2F00			153	SEP2F00	441-000	UNIT		04-170-153	536-143-492	SEP2F00			154	SEP2F00	441-000	UNIT		04-170-154	536-143-495	SEP2F00			155	SEP2F00	441-000	UNIT		04-170-155	536-143-498	SEP2F00			156	SEP2F00	441-000	UNIT		04-170-156	536-143-501	SEP2F00			157	SEP2F00	441-000	UNIT		04-170-157	536-143-504	SEP2F00			158	SEP2F00	441-000	UNIT		04-170-158	536-143-507	SEP2F00			159	SEP2F00	441-000	UNIT		04-1

AP FIG 1 CAD 219

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J2				745-022	JACK/UNIT	(EBU)	.....
636-131-434	NC			000			
636-131-437	6EP1F14			001	6EP1F14	741-000 UNIT	04-022-001
	6EP1F12			002	6EP1F12	741-000 UNIT	04-022-002
	NC			003			
636-131-440	6EP1F10			004	6EP1F10	741-000 UNIT	04-022-004
636-131-443	6EP1F08			005	6EP1F08	741-000 UNIT	04-022-005
	NC			006			
636-131-447	6EP1F06			007	6EP1F06	741-000 UNIT	04-022-007
636-131-450	6EP1F04			008	6EP1F04	741-000 UNIT	04-022-008
	NC			009			
636-131-453	6EP1F02			010	6EP1F02	741-000 UNIT	04-022-010
636-131-456	6EP1F00			011	6EP1F00	741-000 UNIT	04-022-011
	NC			013			
636-131-402	6EP1F30			014	6EP1F30	741-000 UNIT	04-022-014
636-131-405	6EP1F28			015	6EP1F28	741-000 UNIT	04-022-015
	NC			016			
636-131-408	6EP1F26			017	6EP1F26	741-000 UNIT	04-022-017
636-131-411	6EP1F24			018	6EP1F24	741-000 UNIT	04-022-018
	NC			019			
636-131-415	6EP1F22			020	6EP1F22	741-000 UNIT	04-022-020
636-131-418	6EP1F20			021	6EP1F20	741-000 UNIT	04-022-021
	NC			022			
636-131-421	6EP1F18			023	6EP1F18	741-000 UNIT	04-022-023
636-131-424	6EP1F16			024	6EP1F16	741-000 UNIT	04-022-024
636-131-433	6EP1F15			100	6EP1F15	741-000 UNIT	04-022-100
636-131-436	6EP1F13			101	6EP1F13	741-000 UNIT	04-022-101
	NC			102			
636-131-439	6EP1F11			103	6EP1F11	741-000 UNIT	04-022-103
636-131-442	6EP1F09			104	6EP1F09	741-000 UNIT	04-022-104
	NC			105			
636-131-446	6EP1F07			106	6EP1F07	741-000 UNIT	04-022-106
636-131-449	6EP1F05			107	6EP1F05	741-000 UNIT	04-022-107
	NC			108			
636-131-452	6EP1F03			109	6EP1F03	741-000 UNIT	04-022-109
636-131-455	6EP1F01			110	6EP1F01	741-000 UNIT	04-022-110
	NC			111			
636-131-401	6EP1F31			113	6EP1F31	741-000 UNIT	04-022-113
636-131-404	6EP1F29			114	6EP1F29	741-000 UNIT	04-022-114
	NC			115			
636-131-407	6EP1F27			116	6EP1F27	741-000 UNIT	04-022-116
636-131-410	6EP1F25			117	6EP1F25	741-000 UNIT	04-022-117
	NC			118			
636-131-414	6EP1F23			119	6EP1F23	741-000 UNIT	04-022-119
636-131-417	6EP1F21			120	6EP1F21	741-000 UNIT	04-022-120
	NC			121			
636-131-420	6EP1F19			122	6EP1F19	741-000 UNIT	04-022-122
636-131-423	6EP1F17			123	6EP1F17	741-000 UNIT	04-022-123
	NC			124			
.....J3				745-028	JACK/UNIT	(EBU)	.....
636-143-434	NC			000			
636-143-437	6EP2F14			001	6EP2F14	741-000 UNIT	04-028-001
	6EP2F12			002	6EP2F12	741-000 UNIT	04-028-002
	NC			003			
636-143-440	6EP2F10			004	6EP2F10	741-000 UNIT	04-028-004
636-143-443	6EP2F08			005	6EP2F08	741-000 UNIT	04-028-005
	NC			006			
636-143-447	6EP2F06			007	6EP2F06	741-000 UNIT	04-028-007
636-143-450	6EP2F04			008	6EP2F04	741-000 UNIT	04-028-008
	NC			009			
636-143-453	6EP2F02			010	6EP2F02	741-000 UNIT	04-028-010
636-143-456	6EP2F00			011	6EP2F00	741-000 UNIT	04-028-011
	NC			013			
636-143-402	6EP2F30			014	6EP2F30	741-000 UNIT	04-028-014
636-143-405	6EP2F28			015	6EP2F28	741-000 UNIT	04-028-015
	NC			016			
636-143-408	6EP2F26			017	6EP2F26	741-000 UNIT	04-028-017
636-143-411	6EP2F24			018	6EP2F24	741-000 UNIT	04-028-018
	NC			019			
636-143-415	6EP2F22			020	6EP2F22	741-000 UNIT	04-028-020
636-143-418	6EP2F20			021	6EP2F20	741-000 UNIT	04-028-021
	NC			022			
636-143-421	6EP2F18			023	6EP2F18	741-000 UNIT	04-028-023
636-143-424	6EP2F16			024	6EP2F16	741-000 UNIT	04-028-024
636-143-433	6EP2F15			100	6EP2F15	741-000 UNIT	04-028-100
636-143-436	6EP2F13			101	6EP2F13	741-000 UNIT	04-028-101
	NC			102			
636-143-439	6EP2F11			103	6EP2F11	741-000 UNIT	04-028-103
636-143-442	6EP2F09			104	6EP2F09	741-000 UNIT	04-028-104
	NC			105			
636-143-446	6EP2F07			106	6EP2F07	741-000 UNIT	04-028-106
636-143-449	6EP2F05			107	6EP2F05	741-000 UNIT	04-028-107
	NC			108			

AP FIG 1 CAD 219

(CONT'D)

TO CONNECTION				FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL
.....J3				745-028	JACK/UNIT	(EBU)	.....
636-143-452	6EP2F03			109	6EP2F03	741-000 UNIT	04-028-109
636-143-455	6EP2F01			110	6EP2F01	741-000 UNIT	04-028-110
	NC			111			
636-143-401	6EP2F31			113	6EP2F31	741-000 UNIT	04-028-113
636-143-404	6EP2F29			114	6EP2F29	741-000 UNIT	04-028-114
	NC			115			
636-143-407	6EP2F27			116	6EP2F27	741-000 UNIT	04-028-116
636-143-410	6EP2F25			117	6EP2F25	741-000 UNIT	04-028-117
	NC			118			
636-143-414	6EP2F23			119	6EP2F23	741-000 UNIT	04-028-119
636-143-417	6EP2F21			120	6EP2F21	741-000 UNIT	04-028-120
	NC			121			
636-143-420	6EP2F19			122	6EP2F19	741-000 UNIT	04-028-122
636-143-423	6EP2F17			123	6EP2F17	741-000 UNIT	04-028-123
	NC			124			
.....J1				745-020	JACK/UNIT	(EBU)	.....
736-121-434	NC			032			
736-121-437	7EP0F14			033	7EP0F14	741-000 UNIT	04-020-033
	7EP0F12			034	7EP0F12	741-000 UNIT	04-020-034
	NC			035			
736-121-440	7EP0F10			036	7EP0F10	741-000 UNIT	04-020-036
736-121-443	7EP0F08			037	7EP0F08	741-000 UNIT	04-020-037
	NC			038			
736-121-447	7EP0F06			039	7EP0F06	741-000 UNIT	04-020-039
736-121-450	7EP0F04			040	7EP0F04	741-000 UNIT	04-020-040
	NC			041			
736-121-453	7EP0F02			042	7EP0F02	741-000 UNIT	04-020-042
736-121-456	7EP0F00			043	7EP0F00	741-000 UNIT	04-020-043
	NC			045			
736-121-402	7EP0F30			046	7EP0F30	741-000 UNIT	04-020-046
736-121-405	7EP0F28			047	7EP0F28	741-000 UNIT	04-020-047
	NC			048			
736-121-408	7EP0F26			049	7EP0F26	741-000 UNIT	04-020-049
736-121-411	7EP0F24			050	7EP0F24	741-000 UNIT	04-020-050
	NC			051			
736-121-415	7EP0F22			052	7EP0F22	741-000 UNIT	04-020-052
736-121-418	7EP0F20			053	7EP0F20	741-000 UNIT	04-020-053
	NC			054			
736-121-421	7EP0F18			055	7EP0F18	741-000 UNIT	04-020-055
736-121-424	7EP0F16			056	7EP0F16	741-000 UNIT	04-020-056
.....J1				745-021	JACK/UNIT	(EBU)	.....
736-121-433	7EP0F15			032	7EP0F15	741-000 UNIT	04-021-032
736-121-436	7EP0F13			033	7EP0F13	741-000 UNIT	04-021-033
	NC			034			
736-121-439	7EP0F11			035	7EP0F11	741-000 UNIT	04-021-035
736-121-442	7EP0F09			036	7EP0F09	741-000 UNIT	04-021-036
	NC			037			
736-121-446	7EP0F07			038	7EP0F07	741-000 UNIT	04-021-038
736-121-449	7EP0F05			039	7EP0F05	741-000 UNIT	04-021-039
	NC			040			
736-121-452	7EP0F03			041	7EP0F03	741-000 UNIT	04-021-041
736-121-455	7EP0F01			042	7EP0F01	741-000 UNIT	04-021-042
	NC			043			
736-121-401	7EP0F31			045	7EP0F31	741-000 UNIT	04-021-045
736-121-404	7EP0F29			046	7EP0F29	741-000 UNIT	04-021-046
	NC			047			
736-121-407	7EP0F27			048	7EP0F27	741-000 UNIT	04-021-048
736-121-410	7EP0F25			049	7EP0F25	741-000 UNIT	04-021-049
	NC			050			
736-121-414	7EP0F23			051	7EP0F23	741-000 UNIT	04-021-051
736-121-417	7EP0F21			052	7EP0F21	741-000 UNIT	04-021-052
	NC			053			
736-121-420	7EP0F19			054	7EP0F19	741-000 UNIT	04-021-054
736-121-423	7EP0F17			055	7EP0F17	741-000 UNIT	04-021-055
	NC			056			

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ECL-BUS UNIT TRANSMIT DATA, UPPER TMSUZ BAY 7

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(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J2				745-022	JACK/UNIT	(EBU)	.....		
	NC			032					
736-131-434	7EP1F14			033	7EP1F14	741-000 UNIT	04-022-033		
736-131-437	7EP1F12			034	7EP1F12	741-000 UNIT	04-022-034		
	NC			035					
736-131-440	7EP1F10			036	7EP1F10	741-000 UNIT	04-022-036		
736-131-443	7EP1F08			037	7EP1F08	741-000 UNIT	04-022-037		
	NC			038					
736-131-447	7EP1F06			039	7EP1F06	741-000 UNIT	04-022-039		
736-131-450	7EP1F04			040	7EP1F04	741-000 UNIT	04-022-040		
	NC			041					
736-131-453	7EP1F02			042	7EP1F02	741-000 UNIT	04-022-042		
736-131-456	7EP1F00			043	7EP1F00	741-000 UNIT	04-022-043		
	NC			045					
736-131-402	7EP1F30			046	7EP1F30	741-000 UNIT	04-022-046		
736-131-405	7EP1F28			047	7EP1F28	741-000 UNIT	04-022-047		
	NC			048					
736-131-408	7EP1F26			049	7EP1F26	741-000 UNIT	04-022-049		
736-131-411	7EP1F24			050	7EP1F24	741-000 UNIT	04-022-050		
	NC			051					
736-131-415	7EP1F22			052	7EP1F22	741-000 UNIT	04-022-052		
736-131-418	7EP1F20			053	7EP1F20	741-000 UNIT	04-022-053		
	NC			054					
736-131-421	7EP1F18			055	7EP1F18	741-000 UNIT	04-022-055		
736-131-424	7EP1F16			056	7EP1F16	741-000 UNIT	04-022-056		
736-131-433	7EP1F15			132	7EP1F15	741-000 UNIT	04-022-132		
736-131-436	7EP1F13			133	7EP1F13	741-000 UNIT	04-022-133		
	NC			134					
736-131-439	7EP1F11			135	7EP1F11	741-000 UNIT	04-022-135		
736-131-442	7EP1F09			136	7EP1F09	741-000 UNIT	04-022-136		
	NC			137					
736-131-446	7EP1F07			138	7EP1F07	741-000 UNIT	04-022-138		
736-131-449	7EP1F05			139	7EP1F05	741-000 UNIT	04-022-139		
	NC			140					
736-131-452	7EP1F03			141	7EP1F03	741-000 UNIT	04-022-141		
736-131-455	7EP1F01			142	7EP1F01	741-000 UNIT	04-022-142		
	NC			143					
736-131-401	7EP1F31			145	7EP1F31	741-000 UNIT	04-022-145		
736-131-404	7EP1F29			146	7EP1F29	741-000 UNIT	04-022-146		
	NC			147					
736-131-407	7EP1F27			148	7EP1F27	741-000 UNIT	04-022-148		
736-131-410	7EP1F25			149	7EP1F25	741-000 UNIT	04-022-149		
	NC			150					
736-131-414	7EP1F23			151	7EP1F23	741-000 UNIT	04-022-151		
736-131-417	7EP1F21			152	7EP1F21	741-000 UNIT	04-022-152		
	NC			153					
736-131-420	7EP1F19			154	7EP1F19	741-000 UNIT	04-022-154		
736-131-423	7EP1F17			155	7EP1F17	741-000 UNIT	04-022-155		
	NC			156					

AP FIG 1 CAD 220
(CONT'D)

AP FIG 19 CAD 221
(CONT'D)

AP FIG 19 CAD 221
(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	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
J3										J1										J3										J3									
745-028 JACK/UNIT (EBU)										845-126 (CONT'D) JACK/UNIT (EBU)										845-148 JACK/UNIT (EBU)																			
736-143-434	NC			032	7EP2F14	741-000	UNIT		04-028-033	836-121-418	8EP0F20			021	8EP0F20	841-000	UNIT		04-126-021	836-143-434	NC			000	8EP2F14	841-000	UNIT		04-148-001	836-143-437	8EP2F12			001	8EP2F12	841-000	UNIT		04-148-002
736-143-437	7EP2F12			033	7EP2F12	741-000	UNIT		04-028-034	836-121-421	8EP0F18			022	8EP0F18	841-000	UNIT		04-126-023	836-143-440	8EP2F10			002	8EP2F10	841-000	UNIT		04-148-004	836-143-443	8EP2F08			003	8EP2F08	841-000	UNIT		04-148-005
736-143-440	NC			035	7EP2F10	741-000	UNIT		04-028-036	836-121-424	8EP0F16			023	8EP0F16	841-000	UNIT		04-126-024	836-143-447	8EP2F06			004	8EP2F06	841-000	UNIT		04-148-007	736-143-450	7EP2F04			005	7EP2F04	841-000	UNIT		04-148-008
736-143-443	7EP2F08			036	7EP2F08	741-000	UNIT		04-028-037	836-121-433	8EP0F15			024	8EP0F15	841-000	UNIT		04-126-100	836-143-453	8EP2F02			006	8EP2F02	841-000	UNIT		04-148-010	736-143-456	7EP2F00			007	7EP2F00	841-000	UNIT		04-148-011
736-143-447	7EP2F06			037	7EP2F06	741-000	UNIT		04-028-039	836-121-436	8EP0F13			100	8EP0F13	841-000	UNIT		04-126-101	836-143-456	8EP2F00			008	8EP2F00	841-000	UNIT		04-148-014	736-143-459	7EP2F00			009	7EP2F00	841-000	UNIT		04-148-015
736-143-450	7EP2F04			038	7EP2F04	741-000	UNIT		04-028-040	836-121-439	8EP0F11			101	8EP0F11	841-000	UNIT		04-126-102	836-143-462	8EP2F02			009	8EP2F02	841-000	UNIT		04-148-017	736-143-465	7EP2F00			010	7EP2F00	841-000	UNIT		04-148-018
736-143-453	7EP2F02			039	7EP2F02	741-000	UNIT		04-028-042	836-121-442	8EP0F09			102	8EP0F09	841-000	UNIT		04-126-103	836-143-465	8EP2F02			010	8EP2F02	841-000	UNIT		04-148-020	736-143-468	7EP2F00			011	7EP2F00	841-000	UNIT		04-148-021
736-143-456	7EP2F00			040	7EP2F00	741-000	UNIT		04-028-043	836-121-446	8EP0F07			103	8EP0F07	841-000	UNIT		04-126-104	836-143-468	8EP2F02			011	8EP2F02	841-000	UNIT		04-148-023	736-143-471	7EP2F00			012	7EP2F00	841-000	UNIT		04-148-024
736-143-462	7EP2F02			041	7EP2F02	741-000	UNIT		04-028-046	836-121-449	8EP0F05			104	8EP0F05	841-000	UNIT		04-126-106	836-143-471	8EP2F02			012	8EP2F02	841-000	UNIT		04-148-026	736-143-474	7EP2F00			013	7EP2F00	841-000	UNIT		04-148-027
736-143-465	7EP2F00			042	7EP2F02	741-000	UNIT		04-028-047	836-121-452	8EP0F03			105	8EP0F03	841-000	UNIT		04-126-107	836-143-474	8EP2F02			013	8EP2F02	841-000	UNIT		04-148-028	736-143-477	7EP2F00			014	7EP2F00	841-000	UNIT		04-148-029
736-143-468	7EP2F00			043	7EP2F00	741-000	UNIT		04-028-047	836-121-455	8EP0F01			106	8EP0F01	841-000	UNIT		04-126-108	836-143-477	8EP2F02			014	8EP2F02	841-000	UNIT		04-148-030	736-143-480	7EP2F00			015	7EP2F00	841-000	UNIT		04-148-031
736-143-471	7EP2F00			044	7EP2F00	741-000	UNIT		04-028-046	836-121-457	8EP0F03			107	8EP0F03	841-000	UNIT		04-126-109	836-143-480	8EP2F02			015	8EP2F02	841-000	UNIT		04-148-032	736-143-483	7EP2F00			016	7EP2F00	841-000	UNIT		04-148-033
736-143-474	7EP2F00			045	7EP2F00	741-000	UNIT		04-028-046	836-121-459	8EP0F03			108	8EP0F03	841-000	UNIT		04-126-110	836-143-483	8EP2F02			016	8EP2F02	841-000	UNIT		04-148-034	736-143-486	7EP2F00			017	7EP2F00	841-000	UNIT		04-148-035
736-143-477	7EP2F00			046	7EP2F30	741-000	UNIT		04-028-046	836-121-461	8EP0F03			109	8EP0F03	841-000	UNIT		04-126-111	836-143-486	8EP2F02			017	8EP2F02	841-000	UNIT		04-148-036	736-143-489	7EP2F00			018	7EP2F00	841-000	UNIT		04-148-037
736-143-480	7EP2F00			047	7EP2F28	741-000	UNIT		04-028-046	836-121-464	8EP0F03			110	8EP0F03	841-000	UNIT		04-126-112	836-143-489	8EP2F02			018	8EP2F02	841-000	UNIT		04-148-038	736-143-492	7EP2F00			019	7EP2F00	841-000	UNIT		04-148-039
736-143-483	7EP2F00			048	7EP2F26	741-000	UNIT		04-028-046	836-121-467	8EP0F03			111	8EP0F03	841-000	UNIT		04-126-113	836-143-492	8EP2F02			019	8EP2F02	841-000	UNIT		04-148-040	736-143-495	7EP2F00			020	7EP2F00	841-000	UNIT		04-148-041
736-143-486	7EP2F24			049	7EP2F24	741-000	UNIT		04-028-046	836-121-469	8EP0F03			112	8EP0F03	841-000	UNIT		04-126-114	836-143-495	8EP2F02			020	8EP2F02	841-000	UNIT		04-148-042	736-143-498	7EP2F00			021	7EP2F00	841-000	UNIT		04-148-043
736-143-489	7EP2F22			050	7EP2F22	741-000	UNIT		04-028-046	836-121-471	8EP0F03			113	8EP0F03	841-000	UNIT		04-126-115	836-143-498	8EP2F02			021	8EP2F02	841-000	UNIT		04-148-044	736-143-501	7EP2F00			022	7EP2F00	841-000	UNIT		04-148-045
736-143-492	7EP2F24			051	7EP2F24	741-000	UNIT		04-028-046	836-121-474	8EP0F03			114	8EP0F03	841-000	UNIT		04-126-116	836-143-501	8EP2F02			022	8EP2F02	841-000	UNIT		04-148-046	736-143-504	7EP2F00			023	7EP2F00	841-000	UNIT		04-148-047
736-143-495	7EP2F22			052	7EP2F22	741-000	UNIT		04-028-046	836-121-477	8EP0F03			115	8EP0F03	841-000	UNIT		04-126-117	836-143-504	8EP2F02			023	8EP2F02	841-000	UNIT		04-148-048	736-143-507	7EP2F00			024	7EP2F00	841-000	UNIT		04-148-049
736-143-498	7EP2F20			053	7EP2F20	741-000	UNIT		04-028-046	836-121-479	8EP0F03			116	8EP0F03	841-000	UNIT		04-126-118	836-143-507	8EP2F02			024	8EP2F02	841-000	UNIT		04-148-050	736-143-510	7EP2F00			025	7EP2F00	841-000	UNIT		04-148-051
736-143-501	7EP2F18			054	7EP2F18	741-000	UNIT		04-028-046	836-121-481	8EP0F03			117	8EP0F03	841-000	UNIT		04-126-119	836-143-510	8EP2F02			025	8EP2F02	841-000	UNIT		04-148-052	736-143-513	7EP2F00			026	7EP2F00	841-000	UNIT		04-148-053
736-143-504	7EP2F16			055	7EP2F16	741-000	UNIT																																

AP FIG 19 CAD 222

ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 9

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(CONT'D)

AP FIG 19 CAD 223

ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 10

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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1										J2										J1										J2									
945-126 JACK/UNIT (EBU).....										945-136 JACK/UNIT (EBU).....										1045-126 JACK/UNIT (EBU).....										1045-126 JACK/UNIT (EBU).....									
936-121-434	NC			000	9EP0F14	941-000 UNIT	04-126-001	ZF		936-131-452	9EP1F03			109	9EP1F03	941-000 UNIT	04-136-109	ZF		1036-121-434	NC			000	10EP0F14	1041-000 UNIT	04-126-001	ZG		1036-121-434	NC			000	10EP0F14	1041-000 UNIT	04-126-001	ZG	
936-121-437	9EP0F12			001	9EP0F12	941-000 UNIT	04-126-002	ZF		936-131-455	9EP1F01			110	9EP1F01	941-000 UNIT	04-136-110	ZF		1036-121-437	10EP0F12			001	10EP0F12	1041-000 UNIT	04-126-002	ZG		1036-121-437	10EP0F12			001	10EP0F12	1041-000 UNIT	04-126-002	ZG	
936-121-440	NC			002	NC					936-131-401	NC			111	NC					1036-121-440	NC			002	NC					1036-121-440	NC			002	NC				
936-121-443	9EP0F10			003	9EP0F10	941-000 UNIT	04-126-004	ZF		936-131-404	9EP1F31			113	9EP1F31	941-000 UNIT	04-136-113	ZF		1036-121-443	10EP0F10			003	10EP0F10	1041-000 UNIT	04-126-004	ZG		1036-121-443	10EP0F10			003	10EP0F10	1041-000 UNIT	04-126-004	ZG	
936-121-447	9EP0F08			004	9EP0F08	941-000 UNIT	04-126-005	ZF		936-131-407	9EP1F29			114	9EP1F29	941-000 UNIT	04-136-114	ZF		1036-121-447	10EP0F08			004	10EP0F08	1041-000 UNIT	04-126-005	ZG		1036-121-447	10EP0F08			004	10EP0F08	1041-000 UNIT	04-126-005	ZG	
936-121-450	NC			005	NC					936-131-410	NC			115	NC					1036-121-450	NC			005	NC					1036-121-450	NC			005	NC				
936-121-453	9EP0F06			006	9EP0F06	941-000 UNIT	04-126-007	ZF		936-131-417	9EP1F27			116	9EP1F27	941-000 UNIT	04-136-116	ZF		1036-121-453	10EP0F06			006	10EP0F06	1041-000 UNIT	04-126-007	ZG		1036-121-453	10EP0F06			006	10EP0F06	1041-000 UNIT	04-126-007	ZG	
936-121-456	9EP0F04			007	9EP0F04	941-000 UNIT	04-126-008	ZF		936-131-420	9EP1F25			117	9EP1F25	941-000 UNIT	04-136-117	ZF		1036-121-456	10EP0F04			007	10EP0F04	1041-000 UNIT	04-126-008	ZG		1036-121-456	10EP0F04			007	10EP0F04	1041-000 UNIT	04-126-008	ZG	
936-121-459	NC			008	NC					936-131-423	NC			118	NC					1036-121-459	NC			008	NC					1036-121-459	NC			008	NC				
936-121-462	9EP0F02			009	9EP0F02	941-000 UNIT	04-126-010	ZF		936-131-426	9EP1F23			119	9EP1F23	941-000 UNIT	04-136-119	ZF		1036-121-462	10EP0F02			009	10EP0F02	1041-000 UNIT	04-126-010	ZG		1036-121-462	10EP0F02			009	10EP0F02	1041-000 UNIT	04-126-010	ZG	
936-121-465	9EP0F00			010	9EP0F00	941-000 UNIT	04-126-011	ZF		936-131-429	9EP1F21			120	9EP1F21	941-000 UNIT	04-136-120	ZF		1036-121-465	10EP0F00			010	10EP0F00	1041-000 UNIT	04-126-011	ZG		1036-121-465	10EP0F00			010	10EP0F00	1041-000 UNIT	04-126-011	ZG	
936-121-468	NC			011	NC					936-131-432	NC			121	NC					1036-121-468	NC			011	NC					1036-121-468	NC			011	NC				
936-121-471	9EP0F30			012	9EP0F30	941-000 UNIT	04-126-012	ZF		936-131-435	9EP1F19			122	9EP1F19	941-000 UNIT	04-136-122	ZF		1036-121-471	10EP0F30			012	10EP0F30	1041-000 UNIT	04-126-012	ZG		1036-121-471	10EP0F30			012	10EP0F30	1041-000 UNIT	04-126-012	ZG	
936-121-474	9EP0F28			013	9EP0F28	941-000 UNIT	04-126-013	ZF		936-131-438	9EP1F17			123	9EP1F17	941-000 UNIT	04-136-123	ZF		1036-121-474	10EP0F28			013	10EP0F28	1041-000 UNIT	04-126-013	ZG		1036-121-474	10EP0F28			013	10EP0F28	1041-000 UNIT	04-126-013	ZG	
936-121-477	NC			014	NC					936-131-441	NC			124	NC					1036-121-477	NC			014	NC					1036-121-477	NC			014	NC				
936-121-480	9EP0F26			015	9EP0F26	941-000 UNIT	04-126-014	ZF		936-131-444	9EP2F14			000	9EP2F14	941-000 UNIT	04-136-001	ZF		1036-121-480	10EP0F26			015	10EP0F26	1041-000 UNIT	04-126-014	ZG		1036-121-480	10EP0F26			015	10EP0F26	1041-000 UNIT	04-126-014	ZG	
936-121-483	9EP0F24			016	9EP0F24	941-000 UNIT	04-126-015	ZF		936-131-447	9EP2F12			001	9EP2F12	941-000 UNIT	04-136-002	ZF		1036-121-483	10EP0F24			016	10EP0F24	1041-000 UNIT	04-126-015	ZG		1036-121-483	10EP0F24			016	10EP0F24	1041-000 UNIT	04-126-015	ZG	
936-121-486	NC			017	NC					936-131-450	NC			002	NC					1036-121-486	NC			017	NC					1036-121-486	NC			017	NC				
936-121-489	9EP0F22			018	9EP0F22	941-000 UNIT	04-126-016	ZF		936-131-453	9EP2F10			003	9EP2F10	941-000 UNIT	04-136-003	ZF		1036-121-489	10EP0F22			018	10EP0F22	1041-000 UNIT	04-126-016	ZG		1036-121-489	10EP0F22			018	10EP0F22	1041-000 UNIT	04-126-016	ZG	
936-121-492	9EP0F20			019	9EP0F20	941-000 UNIT	04-126-017	ZF		936-131-456	9EP2F08			004	9EP2F08	941-000 UNIT	04-136-004	ZF		1036-121-492	10EP0F20			019	10EP0F20	1041-000 UNIT	04-126-017	ZG		1036-121-492	10EP0F20			019	10EP0F20	1041-000 UNIT	04-126-017	ZG	
936-121-495	NC			020	NC					936-131-459	NC			005	NC					1036-121-495	NC			020	NC					1036-121-495	NC			020	NC				
936-121-498	9EP0F18			021	9EP0F18	941-000 UNIT	04-126-018	ZF		936-131-462	9EP2F06			006	9EP2F06	941-000 UNIT	04-136-006	ZF		1036-121-498	10EP0F18			021	10EP0F18	1041-000 UNIT	04-126-018	ZG		1036-121-498	10EP0F18			021	10EP0F18	1041-000 UNIT	04-126-018	ZG	
936-121-501	9EP0F16			022	9EP0F16	941-000 UNIT	04-126-019	ZF		936-131-465	9EP2F04			007	9EP2F04	941-000 UNIT	04-136-007	ZF		1036-121-501	10EP0F16			022	10EP0F16	1041-000 UNIT	04-126-019	ZG		1036-121-501	10EP0F16			022	10EP0F16	1041-000 UNIT	04-126-019	ZG	
936-121-504	9EP0F15			023	9EP0F15	941-000 UNIT	04-126-020	ZF		936-131-468	9EP2F02			008	9EP2F02	941-000 UNIT	04-136-008	ZF		1036-121-504	10EP0F15			023	10EP0F15	1041-000 UNIT	04-126-020	ZG		1036-121-504	10EP0F15			023	10EP0F15	1041-000 UNIT	04-126-020	ZG	
936-121-507	9EP0F13			024	9EP0F13	941-000 UNIT	04-126-021	ZF		936-131-471	9EP2F00			009	9EP2F00	941-000 UNIT	04-136-009	ZF		1036-121-507	10EP0F13			024	10EP0F13	1041-000 UNIT	04-126-021	ZG		1036-121-507	10EP0F13			024	10EP0F13	1041-000 UNIT	04-126-021	ZG	

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(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J2				1045-136	JACK/UNIT	(EBU)			
1036-131-434	NC			000				ZG	
1036-131-437	10EP1F14			001	10EP1F14	1041-000 UNIT	04-136-001	ZG	
	10EP1F12			002	10EP1F12	1041-000 UNIT	04-136-002	ZG	
	NC			003				ZG	
1036-131-440	10EP1F10			004	10EP1F10	1041-000 UNIT	04-136-004	ZG	
1036-131-443	10EP1F08			005	10EP1F08	1041-000 UNIT	04-136-005	ZG	
	NC			006				ZG	
1036-131-447	10EP1F06			007	10EP1F06	1041-000 UNIT	04-136-007	ZG	
1036-131-450	10EP1F04			008	10EP1F04	1041-000 UNIT	04-136-008	ZG	
	NC			009				ZG	
1036-131-453	10EP1F02			010	10EP1F02	1041-000 UNIT	04-136-010	ZG	
1036-131-456	10EP1F00			011	10EP1F00	1041-000 UNIT	04-136-011	ZG	
	NC			013				ZG	
1036-131-402	10EP1F30			014	10EP1F30	1041-000 UNIT	04-136-014	ZG	
1036-131-405	10EP1F28			015	10EP1F28	1041-000 UNIT	04-136-015	ZG	
	NC			016				ZG	
1036-131-408	10EP1F26			017	10EP1F26	1041-000 UNIT	04-136-017	ZG	
1036-131-411	10EP1F24			018	10EP1F24	1041-000 UNIT	04-136-018	ZG	
	NC			019				ZG	
1036-131-415	10EP1F22			020	10EP1F22	1041-000 UNIT	04-136-020	ZG	
1036-131-418	10EP1F20			021	10EP1F20	1041-000 UNIT	04-136-021	ZG	
	NC			022				ZG	
1036-131-421	10EP1F18			023	10EP1F18	1041-000 UNIT	04-136-023	ZG	
1036-131-424	10EP1F16			024	10EP1F16	1041-000 UNIT	04-136-024	ZG	
1036-131-433	10EP1F15			100	10EP1F15	1041-000 UNIT	04-136-100	ZG	
1036-131-436	10EP1F13			101	10EP1F13	1041-000 UNIT	04-136-101	ZG	
	NC			102				ZG	
1036-131-439	10EP1F11			103	10EP1F11	1041-000 UNIT	04-136-103	ZG	
1036-131-442	10EP1F09			104	10EP1F09	1041-000 UNIT	04-136-104	ZG	
	NC			105				ZG	
1036-131-446	10EP1F07			106	10EP1F07	1041-000 UNIT	04-136-106	ZG	
1036-131-449	10EP1F05			107	10EP1F05	1041-000 UNIT	04-136-107	ZG	
	NC			108				ZG	
1036-131-452	10EP1F03			109	10EP1F03	1041-000 UNIT	04-136-109	ZG	
1036-131-455	10EP1F01			110	10EP1F01	1041-000 UNIT	04-136-110	ZG	
	NC			111				ZG	
1036-131-401	10EP1F31			113	10EP1F31	1041-000 UNIT	04-136-113	ZG	
1036-131-404	10EP1F29			114	10EP1F29	1041-000 UNIT	04-136-114	ZG	
	NC			115				ZG	
1036-131-407	10EP1F27			116	10EP1F27	1041-000 UNIT	04-136-116	ZG	
1036-131-410	10EP1F25			117	10EP1F25	1041-000 UNIT	04-136-117	ZG	
	NC			118				ZG	
1036-131-414	10EP1F23			119	10EP1F23	1041-000 UNIT	04-136-119	ZG	
1036-131-417	10EP1F21			120	10EP1F21	1041-000 UNIT	04-136-120	ZG	
	NC			121				ZG	
1036-131-420	10EP1F19			122	10EP1F19	1041-000 UNIT	04-136-122	ZG	
1036-131-423	10EP1F17			123	10EP1F17	1041-000 UNIT	04-136-123	ZG	
	NC			124				ZG	
.....J3				1045-148	JACK/UNIT	(EBU)			
1036-143-434	NC			000				ZG	
1036-143-437	10EP2F14			001	10EP2F14	1041-000 UNIT	04-148-001	ZG	
	10EP2F12			002	10EP2F12	1041-000 UNIT	04-148-002	ZG	
	NC			003				ZG	
1036-143-440	10EP2F10			004	10EP2F10	1041-000 UNIT	04-148-004	ZG	
1036-143-443	10EP2F08			005	10EP2F08	1041-000 UNIT	04-148-005	ZG	
	NC			006				ZG	
1036-143-447	10EP2F06			007	10EP2F06	1041-000 UNIT	04-148-007	ZG	
1036-143-450	10EP2F04			008	10EP2F04	1041-000 UNIT	04-148-008	ZG	
	NC			009				ZG	
1036-143-453	10EP2F02			010	10EP2F02	1041-000 UNIT	04-148-010	ZG	
1036-143-456	10EP2F00			011	10EP2F00	1041-000 UNIT	04-148-011	ZG	
	NC			013				ZG	
1036-143-402	10EP2F30			014	10EP2F30	1041-000 UNIT	04-148-014	ZG	
1036-143-405	10EP2F28			015	10EP2F28	1041-000 UNIT	04-148-015	ZG	
	NC			016				ZG	
1036-143-408	10EP2F26			017	10EP2F26	1041-000 UNIT	04-148-017	ZG	
1036-143-411	10EP2F24			018	10EP2F24	1041-000 UNIT	04-148-018	ZG	
	NC			019				ZG	
1036-143-415	10EP2F22			020	10EP2F22	1041-000 UNIT	04-148-020	ZG	
1036-143-418	10EP2F20			021	10EP2F20	1041-000 UNIT	04-148-021	ZG	
	NC			022				ZG	
1036-143-421	10EP2F18			023	10EP2F18	1041-000 UNIT	04-148-023	ZG	
1036-143-424	10EP2F16			024	10EP2F16	1041-000 UNIT	04-148-024	ZG	
1036-143-433	10EP2F15			100	10EP2F15	1041-000 UNIT	04-148-100	ZG	
1036-143-436	10EP2F13			101	10EP2F13	1041-000 UNIT	04-148-101	ZG	
	NC			102				ZG	
1036-143-439	10EP2F11			103	10EP2F11	1041-000 UNIT	04-148-103	ZG	
1036-143-442	10EP2F09			104	10EP2F09	1041-000 UNIT	04-148-104	ZG	
	NC			105				ZG	
1036-143-446	10EP2F07			106	10EP2F07	1041-000 UNIT	04-148-106	ZG	
1036-143-449	10EP2F05			107	10EP2F05	1041-000 UNIT	04-148-107	ZG	
	NC			108				ZG	

AP FIG 19 CAD 223

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J3				1045-148 (CONT'D)	JACK/UNIT	(EBU)			
1036-143-452	10EP2F03			109	10EP2F03	1041-000 UNIT	04-148-109	ZG	
1036-143-455	10EP2F01			110	10EP2F01	1041-000 UNIT	04-148-110	ZG	
	NC			111				ZG	
1036-143-401	10EP2F31			113	10EP2F31	1041-000 UNIT	04-148-113	ZG	
1036-143-404	10EP2F29			114	10EP2F29	1041-000 UNIT	04-148-114	ZG	
	NC			115				ZG	
1036-143-407	10EP2F27			116	10EP2F27	1041-000 UNIT	04-148-116	ZG	
1036-143-410	10EP2F25			117	10EP2F25	1041-000 UNIT	04-148-117	ZG	
	NC			118				ZG	
1036-143-414	10EP2F23			119	10EP2F23	1041-000 UNIT	04-148-119	ZG	
1036-143-417	10EP2F21			120	10EP2F21	1041-000 UNIT	04-148-120	ZG	
	NC			121				ZG	
1036-143-420	10EP2F19			122	10EP2F19	1041-000 UNIT	04-148-122	ZG	
1036-143-423	10EP2F17			123	10EP2F17	1041-000 UNIT	04-148-123	ZG	
	NC			124				ZG	
AP FIG 19 CAD 224									
ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU2 BAY 11									
TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				1145-126	JACK/UNIT	(EBU)			
	NC			000				ZJ	
1136-121-434	11EP0F14			001	11EP0F14	1141-000 UNIT	04-126-001	ZJ	
1136-121-437	11EP0F12			002	11EP0F12	1141-000 UNIT	04-126-002	ZJ	
	NC			003				ZJ	
1136-121-440	11EP0F10			004	11EP0F10	1141-000 UNIT	04-126-004	ZJ	
1136-121-443	11EP0F08			005	11EP0F08	1141-000 UNIT	04-126-005	ZJ	
	NC			006				ZJ	
1136-121-447	11EP0F06			007	11EP0F06	1141-000 UNIT	04-126-007	ZJ	
1136-121-450	11EP0F04			008	11EP0F04	1141-000 UNIT	04-126-008	ZJ	
	NC			009				ZJ	
1136-121-453	11EP0F02			010	11EP0F02	1141-000 UNIT	04-126-010	ZJ	
1136-121-456	11EP0F00			011	11EP0F00	1141-000 UNIT	04-126-011	ZJ	
	NC			013				ZJ	
1136-121-402	11EP0F30			014	11EP0F30	1141-000 UNIT	04-126-014	ZJ	
1136-121-405	11EP0F28			015	11EP0F28	1141-000 UNIT	04-126-015	ZJ	
	NC			016				ZJ	
1136-121-408	11EP0F26			017	11EP0F26	1141-000 UNIT	04-126-017	ZJ	
1136-121-411	11EP0F24			018	11EP0F24	1141-000 UNIT	04-126-018	ZJ	
	NC			019				ZJ	
1136-121-415	11EP0F22			020	11EP0F22	1141-000 UNIT	04-126-020	ZJ	
1136-121-418	11EP0F20			021	11EP0F20	1141-000 UNIT	04-126-021	ZJ	
	NC			022				ZJ	
1136-121-421	11EP0F18			023	11EP0F18	1141-000 UNIT	04-126-023	ZJ	
1136-121-424	11EP0F16			024	11EP0F16	1141-000 UNIT	04-126-024	ZJ	
1136-121-433	11EP0F15			100	11EP0F15	1141-000 UNIT	04-126-100	ZJ	
1136-121-436	11EP0F13			101	11EP0F13	1141-000 UNIT	04-126-101	ZJ	
	NC			102				ZJ	
1136-121-439	11EP0F11			103	11EP0F11	1141-000 UNIT	04-126-103	ZJ	
1136-121-442	11EP0F09			104	11EP0F09	1141-000 UNIT	04-126-104	ZJ	
	NC			105				ZJ	
1136-121-446	11EP0F07			106	11EP0F07	1141-000 UNIT	04-126-106	ZJ	
1136-121-449	11EP0F05			107	11EP0F05	1141-000 UNIT	04-126-107	ZJ	
	NC			108				ZJ	
1136-121-452	11EP0F03			109	11EP0F03	1141-000 UNIT	04-126-109	ZJ	
1136-121-455	11EP0F01			110	11EP0F01	1141-000 UNIT	04-126-110	ZJ	
	NC			111				ZJ	
1136-121-401	11EP0F31			113	11EP0F31	1141-000 UNIT	04-126-113	ZJ	
1136-121-404	11EP0F29			114	11EP0F29	1141-000 UNIT	04-126-114	ZJ	
	NC			115				ZJ	
1136-121-407	11EP0F27			116	11EP0F27	1141-000 UNIT	04-126-116	ZJ	
1136-121-410	11EP0F25			117	11EP0F25	1141-000 UNIT	04-126-117	ZJ	
	NC			118				ZJ	
1136-121-414	11EP0F23			119	11EP0F23	1141-000 UNIT	04-126-119	ZJ	
1136-121-417	11EP0F21			120	11EP0F21	1141-000 UNIT	04-126-120	ZJ	
	NC			121				ZJ	
1136-121-420	11EP0F19			122	11EP0F19	1141-000 UNIT	04-126-122	ZJ	
1136-121-423	11EP0F17			123	11EP0F17	1141-000 UNIT	04-126-123	ZJ	
	NC			124				ZJ	

AP FIG 19 CAD 224

(CONT'D)

CAD 225

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CAD 225

(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	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
J3										J2										J7										J8									
1145-148 JACK/UNIT (EBU)										045-094 (CONT'D) JACK/UNIT (EBU)										328-094 (CONT'D) JACK/UNIT (EBU)										345-094 JACK/UNIT (EBU)									
1136-143-434	NC			000	11EP2F14	1141-000 UNIT	04-148-001	ZJ		036-104-017	NC			236	PCPMS	041-000 UNIT	04-094-332	19,2J			336-104-117	MCPMS				232	MCPMS	341-000 UNIT	04-094-232	19,2E									
1136-143-437	11EP2F12			001	11EP2F12	1141-000 UNIT	04-148-002	ZJ			NC			237							NC				233	NC					NC								
1136-143-440	NC			002	11EP2F10	1141-000 UNIT	04-148-004	ZJ			PCPMS			332							NC				234	NC					NC								
1136-143-443	11EP2F08			003	11EP2F08	1141-000 UNIT	04-148-005	ZJ			NC			333							NC				235	NC					NC								
1136-143-447	NC			004	11EP2F06	1141-000 UNIT	04-148-007	ZJ			NC			334							NC				236	NC					NC								
1136-143-450	11EP2F04			005	11EP2F04	1141-000 UNIT	04-148-008	ZJ			NC			335							NC				237	PCPMS	341-000 UNIT	04-094-332	19,2E		NC								
1136-143-453	11EP2F02			006	11EP2F02	1141-000 UNIT	04-148-010	ZJ			NC			336							NC				238	NC					NC								
1136-143-456	11EP2F00			007	11EP2F00	1141-000 UNIT	04-148-011	ZJ			NC			337							NC				239	NC					NC								
1136-143-459	NC			008	11EP2F02	1141-000 UNIT	04-148-012	ZJ			119-104-117	MCPMS		232	MCPMS	124-000 UNIT	04-094-232	19,2G			336-104-017	NC			240	NC					NC								
1136-143-462	11EP2F02			009	11EP2F02	1141-000 UNIT	04-148-013	ZJ			NC			233							NC				241	NC					NC								
1136-143-465	11EP2F00			010	11EP2F00	1141-000 UNIT	04-148-014	ZJ			NC			234							NC				242	NC					NC								
1136-143-468	11EP2F00			011	11EP2F00	1141-000 UNIT	04-148-015	ZJ			NC			235							NC				243	NC					NC								
1136-143-471	11EP2F30			012	11EP2F30	1141-000 UNIT	04-148-016	ZJ			119-104-117	MCPMS		236	MCPMS	124-000 UNIT	04-094-232	19,2G			336-104-017	NC			244	NC					NC								
1136-143-474	11EP2F28			013	11EP2F28	1141-000 UNIT	04-148-017	ZJ			NC			237							NC				245	NC					NC								
1136-143-477	11EP2F26			014	11EP2F26	1141-000 UNIT	04-148-018	ZJ			NC			238							NC				246	NC					NC								
1136-143-480	11EP2F24			015	11EP2F24	1141-000 UNIT	04-148-019	ZJ			119-104-017	PCPMS		239	PCPMS	124-000 UNIT	04-094-332	19,2G			336-104-017	NC			247	NC					NC								
1136-143-483	11EP2F22			016	11EP2F22	1141-000 UNIT	04-148-020	ZJ			NC			240							NC				248	NC					NC								
1136-143-486	11EP2F20			017	11EP2F20	1141-000 UNIT	04-148-021	ZJ			NC			241							NC				249	NC					NC								
1136-143-489	11EP2F18			018	11EP2F18	1141-000 UNIT	04-148-022	ZJ			119-104-017	PCPMS		242	PCPMS	124-000 UNIT	04-094-332	19,2G			336-104-017	NC			250	NC					NC								
1136-143-492	11EP2F16			019	11EP2F16	1141-000 UNIT	04-148-023	ZJ			NC			243							NC				251	NC					NC								
1136-143-495	11EP2F14			020	11EP2F14	1141-000 UNIT	04-148-024	ZJ			119-104-017	PCPMS		244	PCPMS	124-000 UNIT	04-094-332	19,2G			336-104-017	NC			252	NC					NC								
1136-143-498	11EP2F12			021	11EP2F12	1141-000 UNIT	04-148-025	ZJ			NC			245							NC				253	NC					NC								
1136-143-501	11EP2F10			022	11EP2F10	1141-000 UNIT	04-148-026	ZJ			119-104-017	PCPMS		246	PCPMS	124-000 UNIT	04-094-332	19,2G			336-104-017	NC			254	NC					NC								
1136-143-504	11EP2F08			023	11EP2F08	1141-000 UNIT	04-148-027	ZJ			NC			247							NC				255	NC					NC								
1136-143-507	11EP2F06			024	11EP2F06	1141-000 UNIT	04-148-028	ZJ			119-104-017	PCPMS		248	PCPMS	124-000 UNIT	04-094-332	19,2G			336-104-017	NC			256	NC					NC								
1136-143-510	11EP2F04			025	11EP2F04	1141-000 UNIT	04-148-029	ZJ			NC			249							NC				257	NC					NC								
1136-143-513	11EP2F02			026	11EP2F02	1141-000 UNIT	04-148-030	ZJ			119-104-017	PCPMS		250	PCPMS	124-000 UNIT	04-094-332	19,2G			336-104-017	NC			258	NC					NC								
1136-143-516	11EP2F00			027	11EP2F00	1141-000 UNIT	04-148-031	ZJ			NC			251							NC				259	NC					NC								
1136-143-519	11EP2F00			028	11EP2F00	1141-000 UNIT	04-148-032	ZJ			119-104-017	PCPMS		252	PCPMS	124-000 UNIT	04-094-332	19,2G			336-104-017	NC			260	NC					NC								
1136-143-522	11EP2F00			029	11EP2F00	1141-000 UNIT	04-148-033	ZJ			NC			253							NC				261	NC					NC								
1136-143-525	11EP2F00			030	11EP2F00	1141-000 UNIT	04-148-034	ZJ			119-104-017	PCPMS		254	PCPMS	124-000 UNIT	04-094-332	19,2G			336-104-017	NC			262	NC					NC								
1136-143-528	11EP2F00			031	11EP2F00	1141-000 UNIT	04-148-035	ZJ			NC			255</																									

CAD 225 (CONT'D)										CAD 225 (CONT'D)										CAD 225 (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
.....J12										J17										J21									
736-104-117	MCPMS			232	MCPMS	741-000 UNIT	04-094-232	1						1028-094 (CONT'D)	JACK/UNIT	(EBU)													
	NC			233						1019-104-017	NC			237	PCPMS	1024-000 UNIT	04-094-332	19,2G											
	NC			234							PCPMS			332															
	NC			235							NC			333															
	NC			236							NC			334															
	NC			237							NC			335															
736-104-017	PCPMS			332	PCPMS	741-000 UNIT	04-094-332	1			NC			336															
	NC			333							NC			337															
	NC			334																									
	NC			335																									
	NC			336																									
	NC			337																									
.....J13										J18										J22									
819-104-117	MCPMS			232	MCPMS	824-000 UNIT	04-094-232	19,2E		1036-104-117	MCPMS			232	PCPMS	1041-000 UNIT	04-094-232	19,2G			719-024-117	DMCPM2			238	DMCPM2	724-000 UNIT	04-094-238	1
	NC			233							NC			233								NC			239				
	NC			234							NC			234								NC			240				
	NC			235							NC			235								NC			241				
	NC			236							NC			236								NC			242				
	NC			237							NC			237								NC			243				
819-104-017	PCPMS			332	PCPMS	824-000 UNIT	04-094-332	19,2E		1036-104-017	PCPMS			332	PCPMS	1041-000 UNIT	04-094-332	19,2G			719-024-017	OPCPM2			338	OPCPM2	724-000 UNIT	04-094-338	1
	NC			333							NC			333								NC			339				
	NC			334							NC			334								NC			340				
	NC			335							NC			335								NC			341				
	NC			336							NC			336								NC			342				
	NC			337							NC			337								NC			343				
.....J14										J19										J22									
836-104-117	MCPMS			232	MCPMS	841-000 UNIT	04-094-232	19,2E		1119-104-117	MCPMS			232	MCPMS	1124-000 UNIT	04-094-232	19,2J			736-024-117	EMCPM2			238	EMCPM2	741-000 UNIT	04-094-238	1
	NC			233							NC			233								NC			239				
	NC			234							NC			234								NC			240				
	NC			235							NC			235								NC			241				
	NC			236							NC			236								NC			242				
	NC			237							NC			237								NC			243				
836-104-017	PCPMS			332	PCPMS	841-000 UNIT	04-094-332	19,2E		1119-104-017	PCPMS			332	PCPMS	1124-000 UNIT	04-094-332	19,2J			736-024-017	EPCPM2			338	EPCPM2	741-000 UNIT	04-094-338	1
	NC			333							NC			333								NC			339				
	NC			334							NC			334								NC			340				
	NC			335							NC			335								NC			341				
	NC			336							NC			336								NC			342				
	NC			337							NC			337								NC			343				
.....J15										J20										J23									
919-104-117	MCPMS			232	MCPMS	924-000 UNIT	04-094-232	19,2F		1136-104-117	MCPMS			232	MCPMS	1141-000 UNIT	04-094-232	19,2J			419-029-028	M2			028	M2	424-000 UNIT	03-081-028	1
	NC			233							NC			233											444-081	LUG	(EBU)		
	NC			234							NC			234											028	M2	441-000 UNIT	03-081-028	1
	NC			235							NC			235															
	NC			236							NC			236															
	NC			237							NC			237															
919-104-017	PCPMS			332	PCPMS	924-000 UNIT	04-094-332	19,2F		1136-104-017	PCPMS			332	PCPMS	1141-000 UNIT	04-094-332	19,2J			719-029-028	M2			028	M2	724-000 UNIT	03-081-028	1
	NC			333							NC			333															
	NC			334							NC			334															
	NC			335							NC			335														</	

CAD 225 (CONT'D)												CAD 225 (CONT'D)												CAD 225 (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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE																		
J30												J47												J64																							
039-163-057 M5												722-121-057 M5												1122-163-057 M5																							
044-089 LUG (EBU)												727-071 LUG (EBU)												1127-089 LUG (EBU)																							
028 M5 041-000 UNIT 03-089-028 19,ZJ												028 M5 724-000 UNIT 03-071-028 1												028 M5 1124-000 UNIT 03-089-028 19,ZJ																							
J31												J48												J65																							
122-121-057 M5												727-089 LUG (EBU)												1144-071 LUG (EBU)																							
127-071 LUG (EBU)												028 M5 724-000 UNIT 03-089-028 1												028 M5 1141-000 UNIT 03-071-028 19,ZJ																							
028 M5 124-000 UNIT 03-071-028 19,ZG												744-071 LUG (EBU)												1144-089 LUG (EBU)																							
J32												J49												J66																							
122-163-057 M5												744-089 LUG (EBU)												1139-121-057 M5																							
127-089 LUG (EBU)												028 M5 741-000 UNIT 03-071-028 1												028 M5 1141-000 UNIT 03-089-028 19,ZJ																							
028 M5 124-000 UNIT 03-089-028 19,ZG												744-071 LUG (EBU)																																			
J33												J50																																			
139-121-057 M5												744-089 LUG (EBU)																																			
144-071 LUG (EBU)												028 M5 741-000 UNIT 03-089-028 1																																			
028 M5 141-000 UNIT 03-071-028 19,ZG												827-071 LUG (EBU)																																			
J34												J51																																			
139-163-057 M5												827-089 LUG (EBU)																																			
144-089 LUG (EBU)												028 M5 824-000 UNIT 03-071-028 19,ZE																																			
028 M5 141-000 UNIT 03-089-028 19,ZG												844-071 LUG (EBU)																																			
J35												J52																																			
227-071 LUG (EBU)												844-089 LUG (EBU)																																			
028 M5 224-000 UNIT 03-071-028 19,ZF												028 M5 841-000 UNIT 03-071-028 19,ZE																																			
J36												J53																																			
222-163-057 M5												844-071 LUG (EBU)																																			
227-089 LUG (EBU)												028 M5 841-000 UNIT 03-071-028 19,ZE																																			
028 M5 224-000 UNIT 03-089-028 19,ZF												844-089 LUG (EBU)																																			
J37												J54																																			
239-121-057 M5												844-071 LUG (EBU)																																			
244-071 LUG (EBU)												028 M5 841-000 UNIT 03-089-028 19,ZE																																			
028 M5 241-000 UNIT 03-071-028 19,ZF												927-071 LUG (EBU)																																			
J38												J55																																			
239-163-057 M5												927-089 LUG (EBU)																																			
244-089 LUG (EBU)												028 M5 924-000 UNIT 03-071-028 19,ZF																																			
028 M5 241-000 UNIT 03-089-028 19,ZF												927-071 LUG (EBU)																																			
J39												J56																																			
322-121-057 M5												927-089 LUG (EBU)																																			
327-071 LUG (EBU)												028 M5 924-000 UNIT 03-089-028 19,ZF																																			
028 M5 324-000 UNIT 03-071-028 19,ZE												944-071 LUG (EBU)																																			
J40												J57																																			
322-163-057 M5												944-089 LUG (EBU)																																			
327-089 LUG (EBU)												028 M5 941-000 UNIT 03-071-028 19,ZF																																			
028 M5 324-000 UNIT 03-089-028 19,ZE												1027-071 LUG (EBU)																																			
J41												J58																																			
339-121-057 M5												1027-089 LUG (EBU)																																			
344-071 LUG (EBU)												028 M5 1024-000 UNIT 03-071-028 19,ZG																																			
028 M5 341-000 UNIT 03-071-028 19,ZE												1044-071 LUG (EBU)																																			
J42												J59																																			
339-163-057 M5												1044-089 LUG (EBU)																																			
344-089 LUG (EBU)												028 M5 1041-000 UNIT 03-071-028 19,ZG																																			
028 M5 341-000 UNIT 03-089-028 19,ZE												1044-071 LUG (EBU)																																			
J43												J60																																			
422-121-057 M5												1044-089 LUG (EBU)																																			
427-071 LUG (EBU)												028 M5 1041-000 UNIT 03-071-028 19,ZG																																			
028 M5 424-000 UNIT 03-071-028 1												1044-071 LUG (EBU)																																			
J44												J61																																			
422-163-057 M5												1044-089 LUG (EBU)																																			
427-089 LUG (EBU)												028 M5 1041-000 UNIT 03-071-028 19,ZG																																			
028 M5 424-000 UNIT 03-089-028 1												1044-071 LUG (EBU)																																			
J45												J62																																			
439-121-057 M5												1044-089 LUG (EBU)																																			
444-071 LUG (EBU)												028 M5 1041-000 UNIT 03-089-028 19,ZG																																			
028 M5 441-000 UNIT 03-071-028 1												1127-071 LUG (EBU)																																			
J46												J63																																			
439-163-057 M5												1127-089 LUG (EBU)																																			
444-089 LUG (EBU)												028 M5 1124-000 UNIT 03-071-028 19,ZJ																																			
028 M5 441-000 UNIT 03-089-028 1																																															

CAD 226

FABRIC CONTRL BOARD PARITY STRAP

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				
J1												J1											
039-163-057 M5												036-163											
044-089 LUG (EBU)												JACK/UNIT (TMSU2)											
028 M5 041-000 UNIT 03-071-028 19,ZJ												253 OFFCPAR 015-000 UNIT 04-173-253 13,YD											
J2												J2											
039-163-057 M5												319-163											
044-089 LUG (EBU)												JACK/UNIT (TMSU2)											
028 M5 041-000 UNIT 03-071-028 19,ZJ												253 DEFPCAR 032-000 UNIT 04-163-253 13,YD											
J3												J3											
039-163-057 M5												319-163											
044-089 LUG (EBU)												JACK/UNIT (TMSU2)											
028 M5 041-000 UNIT 03-071-028 19,ZJ												253 DEFPCAR 032-000 UNIT 04-163-253 13,YD											
J4												J4											
039-163-057 M5												319-163											
044-089 LUG (EBU)												JACK/UNIT (TMSU2)											
028 M5 041-000 UNIT 03-071-028 19,ZJ												253 DEFPCAR 032-000 UNIT 04-163-253 13,YD											

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COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

DWG SIZE
C2

ISSUE
5A

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SD-50144-02

GB181

CAD 226 (CONT'D)										CAD 226 (CONT'D)										CAD 226 (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
.....J2				336-173	JACK/UNIT (TMSU2)					J6				519-173	JACK/UNIT (TMSU2)					J9				736-173	JACK/UNIT (TMSU2)				
NC				253	3FFCPAR 332-000 UNIT	04-173-253	13,YN			NC				253	5FFCPAR 515-000 UNIT	04-173-253	1			NC				253	7FFCPAR 732-000 UNIT	04-173-253	1		
NC				254						NC				254						NC				254					
NC				255						NC				255						NC				255					
NC				256						NC				256						NC				256					
NC				353	3FFCPAR 332-000 UNIT	04-173-353	13,YN			NC				353	5FFCPAR 515-000 UNIT	04-173-353	1			NC				353	7FFCPAR 732-000 UNIT	04-173-353	1		
NC				354						NC				354						NC				354					
NC				355						NC				355						NC				355					
NC				356						NC				356						NC				356					
.....J3				119-173	JACK/UNIT (TMSU2)					J6				536-163	JACK/UNIT (TMSU2)					J10				1019-173	JACK/UNIT (TMSU2)				
NC				253	1FFCPAR 115-000 UNIT	04-173-253	13,YK			NC				253	5FFCPAR 532-000 UNIT	04-163-253	1			NC				253	10FFCPAR 1015-000 UNIT	04-173-253	13,YN		
NC				254						NC				254						NC				254					
NC				255						NC				255						NC				255					
NC				256						NC				256						NC				256					
NC				353	1FFCPAR 115-000 UNIT	04-173-353	13,YK			NC				353	5FFCPAR 532-000 UNIT	04-163-353	1			NC				353	10FFCPAR 1015-000 UNIT	04-173-353	13,YN		
NC				354						NC				354						NC				354					
NC				355						NC				355						NC				355					
NC				356						NC				356						NC				356					
.....J3				136-163	JACK/UNIT (TMSU2)					J7				619-173	JACK/UNIT (TMSU2)					J10				1036-163	JACK/UNIT (TMSU2)				
NC				253	1FFCPAR 132-000 UNIT	04-163-253	13,YK			NC				253	6FFCPAR 615-000 UNIT	04-173-253	1			NC				253	10FFCPAR 1032-000 UNIT	04-163-253	13,YN		
NC				254						NC				254						NC				254					
NC				255						NC				255						NC				255					
NC				256						NC				256						NC				256					
NC				353	1FFCPAR 132-000 UNIT	04-163-353	13,YK			NC				353	6FFCPAR 615-000 UNIT	04-173-353	1			NC				353	10FFCPAR 1032-000 UNIT	04-163-353	13,YN		
NC				354						NC				354						NC				354					
NC				355						NC				355						NC				355					
NC				356						NC				356						NC				356					
.....J4				419-163	JACK/UNIT (TMSU2)					J7				636-163	JACK/UNIT (TMSU2)					J11				819-163	JACK/UNIT (TMSU2)				
NC				253	4FFCPAR 415-000 UNIT	04-163-253	1			NC				253	6FFCPAR 632-000 UNIT	04-163-253	1			NC				253	8FFCPAR 815-000 UNIT	04-163-253	13,YG		
NC				254						NC				254						NC				254					
NC				255						NC				255						NC				255					
NC				256						NC				256						NC				256					
NC				353	4FFCPAR 415-000 UNIT	04-163-353	1			NC				353	6FFCPAR 632-000 UNIT	04-163-353	1			NC				353	8FFCPAR 815-000 UNIT	04-163-353	13,YG		
NC				354						NC				354						NC				354					
NC				355						NC				355						NC				355					
NC				356						NC				356						NC				356					
.....J4				436-173	JACK/UNIT (TMSU2)					J8				919-163	JACK/UNIT (TMSU2)					J11				836-173	JACK/UNIT (TMSU2)				
NC				253	4FFCPAR 432-000 UNIT	04-173-253	1			NC				253	9FFCPAR 915-000 UNIT	04-163-253	13,YK			NC				253	8FFCPAR 832-000 UNIT	04-173-253	13,YG		
NC				254						NC				254						NC				254					
NC				255						NC				255						NC				255					
NC				256						NC				256						NC				256					
NC				353	4FFCPAR 432-000 UNIT	04-173-353	1			NC				353	9FFCPAR 915-000 UNIT	04-163-353	13,YK			NC				353	8FFCPAR 832-000 UNIT	04-173-353	13,YG		
NC				354						NC				354						NC				354					
NC				355						NC				355						NC				355					
NC				356						NC				356						NC				356					
.....J5				219-163	JACK/UNIT (TMSU2)					J8				936-173	JACK/UNIT (TMSU2)					J12				1119-173	JACK/UNIT (TMSU2)				
NC				253	2FFCPAR 215-000 UNIT	04-163-253	13,YK			NC				253	9FFCPAR 932-000 UNIT	04-173-253	13,YK			NC				253	11FFCPAR 1115-000 UNIT	04-173-253	13,YD		
NC				254						NC				254						NC				254					
NC				255						NC				255						NC				255					
NC				256						NC				256						NC				256					
NC				353	2FFCPAR 215-000 UNIT	04-163-353	13,YK			NC				353	9FFCPAR 932-000 UNIT	04-173-353	13,YK			NC				353	11FFCPAR 1115-000 UNIT	04-173			

	0	1	2	3	4	5	6	7	8	9
A	CAD 226 (CONT'D)			CAD 227 (CONT'D)			CAD 228 (CONT'D)			
B										
C										
D										
E										
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G										
H										

[illegible]

CAD 231										CAD 231										CAD 232																			
FUSE ALARM CABLE, BAY 4										(CONT'D)										(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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
.....J1										J5										J5																			
453-008-145	NC			001	JACK/UNIT	(FFU)				469-137	JACK/UNIT	(FFU)			569-137-205	5ALMJ2			1	569-137-205	5ALMJ2			209	JACK/UNIT	(FFU)													
	4ALMPA			002	4ALMPA	467-000 UNIT	02-043-002	17,S			NC			212							NC			210	5ALMJ2	567-000 UNIT	02-043-209	1											
	NC			003							NC			301							NC			211				1											
	NC			004							NC			302							NC			212				1											
	NC			005							NC			303							NC			301				1											
	NC			006							NC			304							NC			302															
	NC			101							NC			305							NC			303															
453-008-146	4TSTPA			102	4TSTPA	467-000 UNIT	02-043-102	17,S			NC			306							NC			304															
	NC			103							NC			307							NC			305															
	NC			104							NC			308							NC			306															
	NC			105							NC			309							NC			307															
	NC			106							NC			310							NC			308															
.....J2										J5										J5																			
436-008-145	NC			007	JACK/UNIT	(FFU)					NC			311							NC			309															
	NC			008							NC			312							NC			310															
	4ALMS0			009	4ALMS0	467-000 UNIT	02-043-009	1													NC			311															
	NC			107																	NC			312															
	NC			108																																			
436-008-146	4TSTS0			109	4TSTS0	467-000 UNIT	02-043-109	1																															
.....J3										J5										J5																			
453-096-145	4ALMPB			007	JACK/UNIT	(FFU)					NC										569-137-204	5ALMJ1			204	5ALMJ1	567-094 UNIT	02-137-204	1										
	NC			008	4ALMPB	467-094 UNIT	02-137-007	22,K			NC										569-137-209	5ALMJ2			205	5ALMJ2	567-094 UNIT	02-137-205	1										
	NC			009							NC													206															
453-096-146	4TSTPB			107	4TSTPB	467-094 UNIT	02-137-107	22,K			NC													207															
	NC			108							NC													208															
	NC			109							NC													209															
.....J4										J1										J5																			
419-008-145	4ALMS1			001	JACK/UNIT	(FFU)				545-066-145	5ALMMA			001	5ALMMA	567-000 UNIT	02-043-001	1			569-043	JACK/UNIT	(FFU)																
	NC			002	4ALMS1	467-094 UNIT	02-137-001	1		553-008-145	5ALMPA			002	5ALMPA	567-000 UNIT	02-043-002	1																					
	NC			003						545-008-145	5ALMMB			003	5ALMMB	567-000 UNIT	02-043-003	1																					
419-008-146	4TSTS1			101	4TSTS1	467-094 UNIT	02-137-101	1		536-008-045	5ALMFN			004	5ALMFN	567-000 UNIT	02-043-004	1																					
	NC			102						528-008-145	5ALMCC			005	5ALMCC	567-000 UNIT	02-043-005	1																					
	NC			103							NC			006																									
.....J5										J2										J3																			
469-137-204	NC			201	JACK/UNIT	(FFU)				545-066-146	5TSTMA			101	5TSTMA	567-000 UNIT	02-043-101	1			569-043	JACK/UNIT	(FFU)																
	NC			202						553-008-146	5TSTPA			102	5TSTPA	567-000 UNIT	02-043-102	1																					
	NC			203						545-008-146	5TSTMB			103	5TSTMB	567-000 UNIT	02-043-103	1																					
	NC			204	4ALMJ1	467-000 UNIT	02-043-204	1		536-008-046	5TSTFN			104	5TSTFN	567-000 UNIT	02-043-104	1																					
	NC			205						528-008-146	5TSTCC			105	5TSTCC	567-000 UNIT	02-043-105	1																					
	NC			206							NC			106																									
	NC			207						J3										J4																			
	NC			208						528-048-237	5ALMCLK			007	5ALMCLK	567-000 UNIT	02-043-007	1			569-137	JACK/UNIT	(FFU)																
	NC			209	4ALMJ2	467-000 UNIT	02-043-209	1			NC			008																									
	NC			210						536-008-145	5ALMS0			009	5ALMS0	567-000 UNIT	02-043-009	1																					
	NC			211							NC			107																									
	NC			212							NC			108																									
	NC			301						536-008-146	5TSTS0			109	5TSTS0	567-000 UNIT	02-043-109	1																					
	NC			302						J3										J5																			
	NC			303						553-096-145	5ALMPB			007	5ALMPB	567-094 UNIT	02-137-007	22,M			569-137	JACK/UNIT	(FFU)																
	NC			304							NC			008																									
	NC			305						553-096-146	5TSTPB			009	5TSTPB	567-094 UNIT	02-137-107	22,M																					
	NC			306							NC			107																									
	NC			307							NC			108																									
	NC			308							NC			109																									
	NC			309						J4										J5																			
	NC			310						519-008-145	5ALMS1			001	5ALMS1	567-094 UNIT	02-137-001	1			569-137	JACK/UNIT	(FFU)																
	NC			311							NC			002																									
	NC			312						519-008-146	5TSTS1			003	5TSTS1	567-094 UNIT	02-137-101	1																					
.....J5										J5										J5																			
469-043-204	NC			201	JACK/UNIT	(FFU)					NC			201	JACK/UNIT	(FFU)					569-043	JACK/UNIT	(FFU)																
469-043-209	NC			202							NC			202																									
	NC			203							NC			203																									
	4ALMJ1			204	4ALMJ1	467-094 UNIT	02-137-204	1			NC			204	4ALMJ3	567-000 UNIT	02-043-204	1																					
	4ALMJ2			205	4ALMJ2	467-094 UNIT	02-137-205	1			NC			205																									
	NC			206							NC			206																									
	NC			207							NC			207																									
	NC			208							NC			208																									

CAD 233										CAD 233										CAD 234										
FUSE ALARM CABLE, BAY 6										(CONT'D)										(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	
.....J1										J5										J5										
645-066-145	6ALMMA			001	6ALMMA	667-000 UNIT	02-043-001	1							669-137	JACK/UNIT (FFU)								769-043	JACK/UNIT (FFU)					
653-008-145	6ALMPA			002	6ALMPA	667-000 UNIT	02-043-002	1							(CONT'D)									769-137-205	7ALMJ2	209	7ALMJ2	767-000 UNIT	02-043-209	1
645-008-145	6ALMPB			003	6ALMPB	667-000 UNIT	02-043-003	1							212									NC	210					1
636-008-045	6ALMPN			004	6ALMPN	667-000 UNIT	02-043-004	1							301									NC	211					1
628-008-145	6ALMCC			005	6ALMCC	667-000 UNIT	02-043-005	1							302									NC	212					1
	NC			006											303									NC	301					
645-066-146	6TSTMA			101	6TSTMA	667-000 UNIT	02-043-101	1							304									NC	302					
653-008-146	6TSTPA			102	6TSTPA	667-000 UNIT	02-043-102	1							305									NC	303					
645-008-146	6TSTMB			103	6TSTMB	667-000 UNIT	02-043-103	1							306									NC	304					
636-008-046	6TSTFN			104	6TSTFN	667-000 UNIT	02-043-104	1							307									NC	305					
628-008-146	6TSTCC			105	6TSTCC	667-000 UNIT	02-043-105	1							308									NC	306					
	NC			106											309									NC	307					
															310									NC	308					
															311									NC	309					
															312									NC	310					
.....J2										J5										J5										
628-048-237	6ALMCLK			007	6ALMCLK	667-000 UNIT	02-043-007	1																	769-137	JACK/UNIT (FFU)				
	NC			008																					NC	201				
636-008-145	6ALMS0			009	6ALMS0	667-000 UNIT	02-043-009	1																	NC	202				
	NC			107																					NC	203				
636-008-146	6TSTS0			108	6TSTS0	667-000 UNIT	02-043-108	1																	NC	204	7ALMJ1	767-094 UNIT	02-137-204	1
				109																					NC	205	7ALMJ2	767-094 UNIT	02-137-205	1
																									NC	206				
.....J3										J1										J5										
653-096-145	6ALMPB			007	6ALMPB	667-094 UNIT	02-137-007	22,M							769-043	JACK/UNIT (FFU)									NC	207				
	NC			008																					NC	208				
653-096-146	6TSTPB			107	6TSTPB	667-094 UNIT	02-137-107	22,M																	NC	209				
	NC			108																					NC	210				
	NC			109																					NC	211				
.....J4										J2										J3										
619-008-145	6ALMS1			001	6ALMS1	667-094 UNIT	02-137-001	1							769-043	JACK/UNIT (FFU)									NC	212				
	NC			002																					NC	213				
	NC			003																					NC	214				
619-008-146	6TSTS1			101	6TSTS1	667-094 UNIT	02-137-101	1																	NC	215				
	NC			102																					NC	216				
	NC			103																					NC	217				
.....J5										J4										J5										
	NC			201																					NC	218				
	NC			202																					NC	219				
669-137-204	6ALMJ3			203	6ALMJ3	667-000 UNIT	02-043-204	1																	NC	220				
	NC			204																					NC	221				
	NC			205																					NC	222				
	NC			206																					NC	223				
	NC			207																					NC	224				
669-137-205	6ALMJ2			208	6ALMJ2	667-000 UNIT	02-043-209	1																	NC	225				
	NC			209																					NC	226				
	NC			210																					NC	227				
	NC			211																					NC	228				
	NC			212																					NC	229				
	NC			301																					NC	230				
	NC			302																					NC	231				
	NC			303																					NC	232				
	NC			304																					NC	233				
	NC			305																					NC	234				
	NC			306																					NC	235				
	NC			307																					NC	236				
	NC			308																					NC	237				
	NC			309																					NC	238				
	NC			310																					NC	239				
	NC			311																	</									

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FUSE ALARM CABLE, BAY 10

CAD 237

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CAD 238

FUSE ALARM CABLE, BAY 11

CAD 238

(CONT'D)

.....J5	1169-137	JACK/UNIT	«FFU».....
NC	201		12,ZA
NC	202		12,ZA
NC	203		
1169-043-204 11ALMJ1	204	11ALMJ1 1167-094 UNIT	02-137-204 12,ZA
1169-043-209 11ALMJ2	205	11ALMJ2 1167-094 UNIT	02-137-205 12,ZA
NC	206		
NC	207		
NC	208		12,ZA
NC	209		12,ZA
NC	210		
NC	211		12,ZA
NC	212		12,ZA
NC	301		
NC	302		
NC	303		
NC	304		
NC	305		
NC	306		
NC	307		
NC	308		
NC	309		
NC	310		
NC	311		
NC	312		

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CAD 239 (CONT'D)										CAD 239 (CONT'D)										CAD 240 (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
269-043-012	J2 NC 1ALMJ5 NC NC NC			169-137 010 011 012 110 111 112	JACK/UNIT 1ALMJ5	167-094 UNIT	02-137-012	12,A		J10	1169-043 (CONT'D) 112				JACK/UNIT					J14	069-113 21	LUG 048SA1	(FFU)	067-094 UNIT	02-113-21	13,YQ			
369-043-012	J3 NC 2ALMJ5 NC NC NC			269-137 010 011 012 110 111 112	JACK/UNIT 2ALMJ5	267-094 UNIT	02-137-012	12,B		CAD 240 POWER AND RETURN, BAY 0										J15	069-113 11	LUG 048SC1	(FFU)	067-094 UNIT	02-113-11	13,YQ			
469-043-012	J4 NC 3ALMJ5 NC NC NC			369-137 010 011 012 110 111 112	JACK/UNIT 3ALMJ5	367-094 UNIT	02-137-012	12,D		J1	069-019 53	LUG 048FA	(FFU)	067-000 UNIT	02-019-53	12,ZA			J16	069-113 10	LUG 048SC1R	(FFU)	067-094 UNIT	02-113-10	13,YQ				
569-043-012	J5 NC 4ALMJ5 NC NC NC			469-137 010 011 012 110 111 112	JACK/UNIT 4ALMJ5	467-094 UNIT	02-137-012	1		J2	069-019 52	LUG 048FAR	(FFU)	067-000 UNIT	02-019-52	12,ZA			J17	069-167 21	LUG 048SD1	(FFU)	067-094 UNIT	02-167-21	13,YQ				
669-137-012	J6 NC 7ALMJ5 NC NC NC			769-043 010 011 012 110 111 112	JACK/UNIT 7ALMJ5	767-000 UNIT	02-043-012	1		J3	069-073 33	LUG 048FB	(FFU)	067-000 UNIT	02-073-33	12,ZA			J18	017-102 008	LUG 048SD1	(TMSU2)	015-000 UNIT	02-102-008	13,YQ				
769-137-012	J7 NC 8ALMJ5 NC NC NC			869-043 010 011 012 110 111 112	JACK/UNIT 8ALMJ5	867-000 UNIT	02-043-012	12,D		J4	069-073 32	LUG 048FBR	(FFU)	067-000 UNIT	02-073-32	12,ZA			J19	017-102 000	LUG 048SD1R	(TMSU2)	015-000 UNIT	02-102-000	13,YQ				
869-137-012	J8 NC 9ALMJ5 NC NC NC			969-043 010 011 012 110 111 112	JACK/UNIT 9ALMJ5	967-000 UNIT	02-043-012	12,B		J5	069-073 13	LUG 048FC	(FFU)	067-000 UNIT	02-073-13	12,ZA			J20	069-167 20	LUG 048SD1R	(FFU)	067-094 UNIT	02-167-20	13,YQ				
969-137-012	J9 NC 10ALMJ5 NC NC NC			1069-043 010 011 012 110 111 112	JACK/UNIT 10ALMJ5	1067-000 UNIT	02-043-012	12,A		J6	069-073 12	LUG 048FCR	(FFU)	067-000 UNIT	02-073-12	12,ZA			J21	069-113 01	LUG 048SE1	(FFU)	067-094 UNIT	02-113-01	13,YQ				
1069-137-012	J10 NC 11ALMJ5 NC NC NC			1169-043 010 011 012 110 111 112	JACK/UNIT 11ALMJ5	1167-000 UNIT	02-043-012	12,ZA		J7	069-113 53	LUG 048FE	(FFU)	067-094 UNIT	02-113-53	12,ZA			J22	017-110 008	LUG 048SE1	(TMSU2)	015-000 UNIT	02-110-008	13,YQ				
										J8	069-113 52	LUG 048FER	(FFU)	067-094 UNIT	02-113-52	12,ZA			J23	017-110 000	LUG 048SE1R	(TMSU2)	015-000 UNIT	02-110-000	13,YQ				
										J9	069-167 33	LUG 048FF	(FFU)	067-094 UNIT	02-167-33	12,ZA			J24	069-113 00	LUG 048SE1R	(FFU)	067-094 UNIT	02-113-00	13,YQ				
										J10	069-167 32	LUG 048FFR	(FFU)	067-094 UNIT	02-167-32	12,ZA			J25	069-073 41	LUG 048SA0	(FFU)	067-000 UNIT	02-073-41	13,YQ				
										J11	069-167 13	LUG 048FG	(FFU)	067-094 UNIT	02-167-13	12,ZA			J26	069-073 40	LUG 048SA0R	(FFU)	067-000 UNIT	02-073-40	13,YQ				
										J12	069-167 12	LUG 048FGR	(FFU)	067-094 UNIT	02-167-12	12,ZA			J27	069-073 31	LUG 048SC0	(FFU)	067-000 UNIT	02-073-31	13,YQ				
										J13	069-113 20	LUG 048SA1R	(FFU)	067-094 UNIT	02-113-20	13,YQ			J28	069-073 30	LUG 048SC0R	(FFU)	067-000 UNIT	02-073-30	13,YQ				

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CAD 240 (CONT'D)										CAD 241 POWER AND RETURN, BAY 1										CAD 241 (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	
.....J29				034-102	LUG	(TMSU2).....				J1				169-019	LUG	(FFU).....				J18				117-102	LUG	(TMSU2).....				
034-102-012	048SD0			008	048SD0	032-000 UNIT	02-102-008	13,YQ		111-060-05	148FA			53	148FA	167-000 UNIT	02-019-53	12,A		117-102-012	148SD1			008	148SD1	115-000 UNIT	02-102-008	13,YN		
.....J30				069-113	LUG	(FFU).....				J2				169-019	LUG	(FFU).....				J19				117-102	LUG	(TMSU2).....				
034-102-008	048SD0			41	048SD0	067-094 UNIT	02-113-41	13,YQ		111-060-04	148FAR			52	148FAR	167-000 UNIT	02-019-52	12,A		117-102-004	148SD1R			000	148SD1R	115-000 UNIT	02-102-000	13,YN		
.....J31				069-113	LUG	(FFU).....				J3				169-073	LUG	(FFU).....				J20				169-167	LUG	(FFU).....				
034-102-000	048SD0R			40	048SD0R	067-094 UNIT	02-113-40	13,YQ		111-060-10	148FB			33	148FB	167-000 UNIT	02-073-33	12,A		117-102-000	148SD1R			20	148SD1R	167-094 UNIT	02-167-20	13,YN		
.....J32				034-102	LUG	(TMSU2).....				J4				169-073	LUG	(FFU).....				J21				169-113	LUG	(FFU).....				
034-102-004	048SD0R			000	048SD0R	032-000 UNIT	02-102-000	13,YQ		111-060-09	148FBR			32	148FBR	167-000 UNIT	02-073-32	12,A		117-110-008	148SE1			01	148SE1	167-094 UNIT	02-113-01	13,YN		
.....J33				034-110	LUG	(TMSU2).....				J5				169-073	LUG	(FFU).....				J22				117-110	LUG	(TMSU2).....				
034-110-012	048SE0			008	048SE0	032-000 UNIT	02-110-008	13,YQ		111-060-15	148FC			13	148FC	167-000 UNIT	02-073-13	12,A		117-110-012	148SE1			008	148SE1	115-000 UNIT	02-110-008	13,YN		
.....J34				069-073	LUG	(FFU).....				J6				169-073	LUG	(FFU).....				J23				117-110	LUG	(TMSU2).....				
034-110-008	048SE0			21	048SE0	067-000 UNIT	02-073-21	13,YQ		111-060-14	148FCR			12	148FCR	167-000 UNIT	02-073-12	12,A		117-110-004	148SE1R			000	148SE1R	115-000 UNIT	02-110-000	13,YN		
.....J35				069-073	LUG	(FFU).....				J7				169-113	LUG	(FFU).....				J24				169-113	LUG	(FFU).....				
034-110-000	048SE0R			20	048SE0R	067-000 UNIT	02-073-20	13,YQ		111-152-05	148FE			53	148FE	167-094 UNIT	02-113-53	12,A		117-110-000	148SE1R			00	148SE1R	167-094 UNIT	02-113-00	13,YN		
.....J36				034-110	LUG	(TMSU2).....				J8				169-113	LUG	(FFU).....				J25				169-073	LUG	(FFU).....				
034-110-004	048SE0R			000	048SE0R	032-000 UNIT	02-110-000	13,YQ		111-152-04	148FER			52	148FER	167-094 UNIT	02-113-52	12,A		134-012-008	148SA0			41	148SA0	167-000 UNIT	02-073-41	13,YN		
.....J38				069-073	LUG	(FFU).....				J9				169-167	LUG	(FFU).....				J26				169-073	LUG	(FFU).....				
038-030-044	048SL10			03	048SL10	067-000 UNIT	02-073-03	13,YQ		111-152-10	148FF			33	148FF	167-094 UNIT	02-167-33	12,A		134-012-004	148SA0R			40	148SA0R	167-000 UNIT	02-073-40	13,YN		
.....J39				069-167	LUG	(FFU).....				J10				169-167	LUG	(FFU).....				J27				169-073	LUG	(FFU).....				
021-030-044	048SL11			03	048SL11	067-094 UNIT	02-167-03	13,YQ		111-152-09	148FFR			32	148FFR	167-094 UNIT	02-167-32	12,A		134-030-008	148SC0			31	148SC0	167-000 UNIT	02-073-31	13,YN		
.....J40				069-019	LUG	(FFU).....				J11				169-167	LUG	(FFU).....				J28				169-073	LUG	(FFU).....				
051-016-003	048PA			21	048PA	067-000 UNIT	02-019-21	17,Q		111-152-15	148FG			13	148FG	167-094 UNIT	02-167-13	12,A		134-030-004	148SC0R			30	148SC0R	167-000 UNIT	02-073-30	13,YN		
.....J41				069-019	LUG	(FFU).....				J12				169-167	LUG	(FFU).....				J29				134-102	LUG	(TMSU2).....				
051-019-003	048PAR			20	048PAR	067-000 UNIT	02-019-20	17,Q		111-152-14	148FGR			12	148FGR	167-094 UNIT	02-167-12	12,A		134-102-012	148SD0			008	148SD0	132-000 UNIT	02-102-008	13,YN		
.....J42				069-113	LUG	(FFU).....				J13				169-113	LUG	(FFU).....				J30				169-113	LUG	(FFU).....				
051-105-003	048PB			23	048PB	067-094 UNIT	02-113-23	22,E		117-012-004	148SA1R			20	148SA1R	167-094 UNIT	02-113-20	13,YN		134-102-008	148SD0			41	148SD0	167-094 UNIT	02-113-41	13,YN		
.....J43				069-113	LUG	(FFU).....				J14				169-113	LUG	(FFU).....				J31				169-113	LUG	(FFU).....				
051-108-003	048PBR			22	048PBR	067-094 UNIT	02-113-22	22,E		117-012-008	148SA1			21	148SA1	167-094 UNIT	02-113-21	13,YN		134-102-000	148SD0R			40	148SD0R	167-094 UNIT	02-113-40	13,YN		
										J15				169-113	LUG	(FFU).....				J32				134-102	LUG	(TMSU2).....				
										117-030-008	148SC1			11	148SC1	167-094 UNIT	02-113-11	13,YN		134-102-004	148SD0R			000	148SD0R	132-000 UNIT	02-102-000	13,YN		
										J16				169-113	LUG	(FFU).....														
										117-030-004	148SC1R			10	148SC1R	167-094 UNIT	02-113-10	13,YN												
										J17				169-167	LUG	(FFU).....														
										117-102-008	148SD1			21	148SD1	167-094 UNIT	02-167-21	13,YN												

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CAD 241 (CONT'D)										CAD 242 (CONT'D)										CAD 242 (CONT'D)									
TO CONNECTION										FROM CONNECTION										TO 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
134-110-012	148SE0			134-110	LUG	(TMSU2)	008			211-060-15	248FC			269-073	LUG	(FFU)	13			217-110-012	248SE1			217-110	LUG	(TMSU2)	008		
134-110-008	148SE0			169-073	LUG	(FFU)	21			211-060-14	248FCR			269-073	LUG	(FFU)	12			217-110-004	248SE1R			217-110	LUG	(TMSU2)	000		
134-110-000	148SE0R			169-073	LUG	(FFU)	20			211-152-05	248FE			269-113	LUG	(FFU)	53			217-110-000	248SE1R			269-113	LUG	(FFU)	00		
134-110-004	148SE0R			134-110	LUG	(TMSU2)	000			211-152-04	248FER			269-113	LUG	(FFU)	52			234-012-008	248SA0			269-073	LUG	(FFU)	41		
138-030-044	148SL10			169-073	LUG	(FFU)	03			211-152-10	248FF			269-167	LUG	(FFU)	33			234-012-004	248SA0R			269-073	LUG	(FFU)	40		
121-030-044	148SL11			169-167	LUG	(FFU)	03			211-152-09	248FFR			269-167	LUG	(FFU)	32			234-030-008	248SC0			269-073	LUG	(FFU)	31		
151-016-003	148PA			169-019	LUG	(FFU)	21			211-152-15	248FG			269-167	LUG	(FFU)	13			234-030-004	248SC0R			269-073	LUG	(FFU)	30		
151-019-003	148PAR			169-019	LUG	(FFU)	20			211-152-14	248FGR			269-167	LUG	(FFU)	12			234-102-012	248SD0			234-102	LUG	(TMSU2)	008		
151-105-003	148PB			169-113	LUG	(FFU)	23			217-012-008	248SA1			269-113	LUG	(FFU)	21			234-102-008	248SD0			269-113	LUG	(FFU)	41		
151-108-003	148PBR			169-113	LUG	(FFU)	22			217-012-004	248SA1R			269-113	LUG	(FFU)	20			234-102-000	248SD0R			269-113	LUG	(FFU)	40		
CAD 242 POWER AND RETURN, BAY 2										217-030-008	248SC1			269-113	LUG	(FFU)	11			234-102-004	248SD0R			234-102	LUG	(TMSU2)	000		
										217-030-004	248SC1R			269-113	LUG	(FFU)	10			234-110-012	248SE0			234-110	LUG	(TMSU2)	008		
																				234-110-008	248SE0			269-073	LUG	(FFU)	21		
										217-102-008	248SD1			269-167	LUG	(FFU)	21			234-110-000	248SE0R			269-073	LUG	(FFU)	20		
										217-102-012	248SD1			217-102	LUG	(TMSU2)	008			234-110-004	248SE0R			234-110	LUG	(TMSU2)	000		
										217-102-004	248SD1R			217-102	LUG	(TMSU2)	000												
																				234-110-004	248SE0R			234-110	LUG	(TMSU2)	000		
										217-102-000	248SD1R			269-167	LUG	(FFU)	20												
										217-110-008	248SE1			269-113	LUG	(FFU)	01												

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CAD 242 (CONT'D)																									
CAD 243 (CONT'D)																									
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DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE																
.....J38	269-073	LUG	(FFU)	J9	369-167	LUG	(FFU)	J26	369-073	LUG	(FFU)	.....													
238-030-044	248SL10	03	248SL10	267-000 UNIT	02-073-03	13,YK	311-152-10	348FF	33	348FF	367-094 UNIT	02-167-33	12,D	334-012-004	348SAOR	40	348SAOR	367-000 UNIT	02-073-40	13,YG					
.....J39	269-167	LUG	(FFU)	J10	369-167	LUG	(FFU)	J27	369-073	LUG	(FFU)	.....													
221-030-044	248SL11	03	248SL11	267-094 UNIT	02-167-03	13,YK	311-152-09	348FFR	32	348FFR	367-094 UNIT	02-167-32	12,D	334-030-008	348SC0	31	348SC0	367-000 UNIT	02-073-31	13,YG					
.....J40	269-019	LUG	(FFU)	J11	369-167	LUG	(FFU)	J28	369-073	LUG	(FFU)	.....													
251-016-003	248PA	21	248PA	267-000 UNIT	02-019-21	17,R	311-152-15	348FG	13	348FG	367-094 UNIT	02-167-13	12,D	334-030-004	348SCOR	30	348SCOR	367-000 UNIT	02-073-30	13,YG					
.....J41	269-019	LUG	(FFU)	J12	369-167	LUG	(FFU)	J29	334-102	LUG	(TMSU2)	.....													
251-019-003	248PAR	20	248PAR	267-000 UNIT	02-019-20	17,R	311-152-14	348FGR	12	348FGR	367-094 UNIT	02-167-12	12,D	334-102-012	348SD0	008	348SD0	332-000 UNIT	02-102-008	13,YG					
.....J42	269-113	LUG	(FFU)	J13	369-113	LUG	(FFU)	J30	369-113	LUG	(FFU)	.....													
251-105-003	248PB	23	248PB	267-094 UNIT	02-113-23	22,G	317-012-008	348SA1	21	348SA1	367-094 UNIT	02-113-21	13,YG	334-102-008	348SD0	41	348SD0	367-094 UNIT	02-113-41	13,YG					
.....J43	269-113	LUG	(FFU)	J14	369-113	LUG	(FFU)	J31	369-113	LUG	(FFU)	.....													
251-108-003	248PBR	22	248PBR	267-094 UNIT	02-113-22	22,G	317-012-004	348SA1R	20	348SA1R	367-094 UNIT	02-113-20	13,YG	334-102-000	348SDOR	40	348SDOR	367-094 UNIT	02-113-40	13,YG					
CAD 243 POWER AND RETURN, BAY 3										J32	334-102	LUG	(TMSU2)	.....	334-102	LUG	(TMSU2)	.....	334-102	LUG	(TMSU2)	.....			
TO CONNECTIONFROM CONNECTIONTO CONNECTIONFROM CONNECTIONTO CONNECTIONFROM CONNECTION										J33	334-110	LUG	(TMSU2)	.....	334-110	LUG	(TMSU2)	.....	334-110	LUG	(TMSU2)	.....			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	J34	369-073	LUG	(FFU)	.....	334-110-008	348SE0	008	348SE0	332-000 UNIT	02-110-008	13,YG				
.....J1	369-019	LUG	(FFU)	J17	369-167	LUG	(FFU)	J35	369-073	LUG	(FFU)	.....	334-110-000	348SEOR	20	348SEOR	367-000 UNIT	02-073-20	13,YG						
311-060-05	348FA	53	348FA	367-000 UNIT	02-019-53	12,D	317-102-008	348SD1	21	348SD1	367-094 UNIT	02-167-21	13,YG	334-110-008	348SE0	21	348SE0	367-000 UNIT	02-073-21	13,YG					
.....J2	369-019	LUG	(FFU)	J18	317-102	LUG	(TMSU2)	J36	369-073	LUG	(FFU)	.....	334-110-000	348SEOR	000	348SEOR	332-000 UNIT	02-110-000	13,YG						
311-060-04	348FAR	52	348FAR	367-000 UNIT	02-019-52	12,D	317-102-012	348SD1	008	348SD1	315-000 UNIT	02-102-008	13,YG	334-110-004	348SEOR	000	348SEOR	332-000 UNIT	02-110-000	13,YG					
.....J3	369-073	LUG	(FFU)	J19	317-102	LUG	(TMSU2)	J37	369-073	LUG	(FFU)	.....	338-030-044	348SL10	03	348SL10	367-000 UNIT	02-073-03	13,YG						
311-060-10	348FB	33	348FB	367-000 UNIT	02-073-33	12,D	317-102-004	348SD1R	000	348SD1R	315-000 UNIT	02-102-000	13,YG	J38	369-073	LUG	(FFU)		321-030-044	348SL11	03	348SL11	367-094 UNIT	02-167-03	13,YG
.....J4	369-073	LUG	(FFU)	J20	369-167	LUG	(FFU)	J39	369-167	LUG	(FFU)	.....	.....J40	369-019	LUG	(FFU)	.....	351-016-003	348PA	21	348PA	367-000 UNIT	02-019-21	18,P	
311-060-09	348FBR	32	348FBR	367-000 UNIT	02-073-32	12,D	317-102-000	348SD1R	20	348SD1R	367-094 UNIT	02-167-20	13,YG	J41	369-019	LUG	(FFU)		351-019-003	348PAR	20	348PAR	367-000 UNIT	02-019-20	18,P
.....J5	369-073	LUG	(FFU)	J21	369-113	LUG	(FFU)	J42	369-113	LUG	(FFU)	.....	.....J43	369-019	LUG	(FFU)	.....	.....	.....	.....	.....	.....	.....	.....	
311-060-15	348FC	13	348FC	367-000 UNIT	02-073-13	12,D	317-110-008	348SE1	01	348SE1	367-094 UNIT	02-113-01	13,YG	J44	369-019	LUG	(FFU)	.....	.....	.....	.....	.....	.....	.....	
.....J6	369-073	LUG	(FFU)	J22	317-110	LUG	(TMSU2)	J45	317-110	LUG	(TMSU2)	.....	.....J46	369-019	LUG	(FFU)	.....	.....	.....	.....	.....	.....	.....	.....	
311-060-14	348FCR	12	348FCR	367-000 UNIT	02-073-12	12,D	317-110-012	348SE1	008	348SE1	315-000 UNIT	02-110-008	13,YG	J47	369-019	LUG	(FFU)	.....	.....	.....	.....	.....	.....	.....	
.....J7	369-113	LUG	(FFU)	J23	317-110	LUG	(TMSU2)	J48	369-113	LUG	(FFU)	.....	.....J49	369-019	LUG	(FFU)	.....	.....	.....	.....	.....	.....	.....	.....	
311-152-05	348FE	53	348FE	367-094 UNIT	02-113-53	12,D	317-110-004	348SE1R	000	348SE1R	315-000 UNIT	02-110-000	13,YG	J50	369-019	LUG	(FFU)	.....	.....	.....	.....	.....	.....	.....	
.....J8	369-113	LUG	(FFU)	J24	369-113	LUG	(FFU)	J51	369-113	LUG	(FFU)	.....	.....J52	369-019	LUG	(FFU)	.....	.....	.....	.....	.....	.....	.....	.....	
311-152-04	348FER	52	348FER	367-094 UNIT	02-113-52	12,D	317-110-000	348SE1R	00	348SE1R	367-094 UNIT	02-113-00	13,YG	J53	369-019	LUG	(FFU)	.....	.....	.....	.....	.....	.....	.....	
.....J9	369-167	LUG	(FFU)	J25	369-073	LUG	(FFU)	J54	369-073	LUG	(FFU)	.....	.....J55	369-019	LUG	(FFU)	.....	.....	.....	.....	.....	.....	.....	.....	
311-152-008	348SA0	41	348SA0	367-000 UNIT	02-073-41	13,YG	334-012-008	348SA0	41	348SA0	367-000 UNIT	02-073-41	13,YG	J56	369-019	LUG	(FFU)								

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CAD 243 (CONT'D)										CAD 244 (CONT'D)										CAD 244 (CONT'D)									
TO CONNECTION										FROM CONNECTION										TO 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
.....J42				369-113	LUG	(FFU)				J13				469-113	LUG	(FFU)				J30				469-113	LUG	(FFU)			
351-105-003	348PB			23	348PB	367-094 UNIT	02-113-23	22,J		417-012-008	448SA1			21	448SA1	467-094 UNIT	02-113-21	1		434-102-008	448SD0			41	448SD0	467-094 UNIT	02-113-41	1	
.....J43				369-113	LUG	(FFU)				J14				469-113	LUG	(FFU)				J31				469-113	LUG	(FFU)			
351-108-003	348PBR			22	348PBR	367-094 UNIT	02-113-22	22,J		417-012-004	448SA1R			20	448SA1R	467-094 UNIT	02-113-20	1		434-102-000	448SD0R			40	448SD0R	467-094 UNIT	02-113-40	1	
CAD 244 POWER AND RETURN, BAY 4										J15				469-113	LUG	(FFU)				J32				434-102	LUG	(TMSU2)			
.....J1				469-019	LUG	(FFU)				417-030-008	448SC1			11	448SC1	467-094 UNIT	02-113-11	1		434-102-004	448SD0R			000	448SD0R	432-000 UNIT	02-102-000	1	
411-060-05	448FA			53	448FA	467-000 UNIT	02-019-53	1		J16				469-113	LUG	(FFU)				J33				434-110	LUG	(TMSU2)			
.....J2				469-019	LUG	(FFU)				417-030-004	448SC1R			10	448SC1R	467-094 UNIT	02-113-10	1		434-110-012	448SE0			008	448SE0	432-000 UNIT	02-110-008	1	
411-060-04	448FAR			52	448FAR	467-000 UNIT	02-019-52	1		J17				469-167	LUG	(FFU)				J34				469-073	LUG	(FFU)			
.....J3				469-073	LUG	(FFU)				417-102-008	448SD1			21	448SD1	467-094 UNIT	02-167-21	1		434-110-008	448SE0			21	448SE0	467-000 UNIT	02-073-21	1	
411-060-10	448FB			33	448FB	467-030 UNIT	02-073-33	1		J18				417-102	LUG	(TMSU2)				J35				469-073	LUG	(FFU)			
.....J4				469-073	LUG	(FFU)				417-102-012	448SD1			008	448SD1	415-000 UNIT	02-102-008	1		434-110-000	448SE0R			20	448SE0R	467-000 UNIT	02-073-20	1	
411-060-09	448FBR			32	448FBR	467-000 UNIT	02-073-32	1		J19				417-102	LUG	(TMSU2)				J36				434-110	LUG	(TMSU2)			
.....J5				469-073	LUG	(FFU)				417-102-004	448SD1R			000	448SD1R	415-000 UNIT	02-102-000	1		434-110-004	448SE0R			000	448SE0R	432-000 UNIT	02-110-000	1	
411-060-15	448FC			13	448FC	467-000 UNIT	02-073-13	1		J20				469-167	LUG	(FFU)				J38				469-073	LUG	(FFU)			
.....J6				469-073	LUG	(FFU)				417-102-000	448SD1R			20	448SD1R	467-094 UNIT	02-167-20	1		438-030-044	448SL10			03	448SL10	467-000 UNIT	02-073-03	1	
411-060-14	448FCR			12	448FCR	467-000 UNIT	02-073-12	1		J21				469-113	LUG	(FFU)				J39				469-167	LUG	(FFU)			
.....J7				469-113	LUG	(FFU)				417-110-008	448SE1			01	448SE1	467-094 UNIT	02-113-01	1		421-030-044	448SL11			03	448SL11	467-094 UNIT	02-167-03	1	
411-152-05	448FE			53	448FE	467-094 UNIT	02-113-53	1		J22				417-110	LUG	(TMSU2)				J40				469-019	LUG	(FFU)			
.....J8				469-113	LUG	(FFU)				417-110-012	448SE1			008	448SE1	415-000 UNIT	02-110-008	1		451-016-003	448PA			21	448PA	467-000 UNIT	02-019-21	17,S	
411-152-04	448FER			52	448FER	467-094 UNIT	02-113-52	1		J23				417-110	LUG	(TMSU2)				J41				469-019	LUG	(FFU)			
.....J9				469-167	LUG	(FFU)				417-110-004	448SE1R			000	448SE1R	415-000 UNIT	02-110-000	1		451-019-003	448PAR			20	448PAR	467-000 UNIT	02-019-20	17,S	
411-152-10	448FF			33	448FF	467-094 UNIT	02-167-33	1		J24				469-113	LUG	(FFU)				J42				469-113	LUG	(FFU)			
.....J10				469-167	LUG	(FFU)				417-110-000	448SE1R			00	448SE1R	467-094 UNIT	02-113-00	1		451-105-003	448PB			23	448PB	467-094 UNIT	02-113-23	22,K	
411-152-09	448FFR			32	448FFR	467-094 UNIT	02-167-32	1		J25				469-073	LUG	(FFU)				J43				469-113	LUG	(FFU)			
.....J11				469-167	LUG	(FFU)				434-012-008	448SA0			41	448SA0	467-000 UNIT	02-073-41	1		451-108-003	448PBR			22	448PBR	467-094 UNIT	02-113-22	22,K	
411-152-15	448FG			13	448FG	467-094 UNIT	02-167-13	1		J26				469-073	LUG	(FFU)				J44									
.....J12				469-167	LUG	(FFU)				434-012-004	448SA0R			40	448SA0R	467-000 UNIT	02-073-40	1											
411-152-14	448FGR			12	448FGR	467-094 UNIT	02-167-12	1		J27				469-073	LUG	(FFU)				J45									
										434-030-008	448SC0			31	448SC0	467-000 UNIT	02-073-31	1											
										J28				469-073	LUG	(FFU)				J46									
										434-030-004	448SC0R			30	448SC0R	467-000 UNIT	02-073-30	1											
										J29				434-102	LUG	(TMSU2)													
										434-102-012	448SD0			008	448SD0	432-000 UNIT	02-102-008	1											

CAD 245 POWER AND RETURN, BAY 5											CAD 245 (CONT'D)											CAD 245 (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			
J1	511-060-05	548FA		569-019	LUG	(FFU)				J18	517-102	LUG		517-102	LUG	(TMSU2)				J35	569-073	LUG		569-073	LUG	(FFU)						
				53	548FA	567-000 UNIT	02-019-53	1			517-102-012	548SD1		008	548SD1	515-000 UNIT	02-102-008	1		534-110-000	548SE0R		20	548SE0R	567-000 UNIT	02-073-20	1					
J2	511-060-04	548FAR		569-019	LUG	(FFU)				J19	517-102	LUG		517-102	LUG	(TMSU2)				J36	534-110	LUG		534-110	LUG	(TMSU2)						
				52	548FAR	567-000 UNIT	02-019-52	1			517-102-004	548SD1R		000	548SD1R	515-000 UNIT	02-102-000	1		534-110-004	548SE0R		000	548SE0R	532-000 UNIT	02-110-000	1					
J3	511-060-10	548FB		569-073	LUG	(FFU)				J20	569-167	LUG		569-167	LUG	(FFU)				J38	569-073	LUG		569-073	LUG	(FFU)						
				33	548FB	567-000 UNIT	02-073-33	1			517-102-000	548SD1R		20	548SD1R	567-094 UNIT	02-167-20	1		538-030-004	548SL10		03	548SL10	567-000 UNIT	02-073-03	1					
J4	511-060-09	548FBR		569-073	LUG	(FFU)				J21	569-113	LUG		569-113	LUG	(FFU)				J39	569-167	LUG		569-167	LUG	(FFU)						
				32	548FBR	567-000 UNIT	02-073-32	1			517-110-008	548SE1		01	548SE1	567-094 UNIT	02-113-01	1		521-030-044	548SL11		03	548SL11	567-094 UNIT	02-167-03	1					
J5	511-060-15	548FC		569-073	LUG	(FFU)				J22	517-110	LUG		517-110	LUG	(TMSU2)				J40	569-019	LUG		569-019	LUG	(FFU)						
				13	548FC	567-000 UNIT	02-073-13	1			517-110-012	548SE1		008	548SE1	515-000 UNIT	02-110-008	1		551-016-003	548PA		21	548PA	567-000 UNIT	02-019-21	1					
J6	511-060-14	548FCR		569-073	LUG	(FFU)				J23	517-110	LUG		517-110	LUG	(TMSU2)				J41	569-019	LUG		569-019	LUG	(FFU)						
				12	548FCR	567-000 UNIT	02-073-12	1			517-110-004	548SE1R		000	548SE1R	515-000 UNIT	02-110-000	1		551-019-003	548PAR		20	548PAR	567-000 UNIT	02-019-20	1					
J7	511-152-05	548FE		569-113	LUG	(FFU)				J24	569-113	LUG		569-113	LUG	(FFU)				J42	569-113	LUG		569-113	LUG	(FFU)						
				53	548FE	567-094 UNIT	02-113-53	1			517-110-000	548SE1R		00	548SE1R	567-094 UNIT	02-113-00	1		551-105-003	548PB		23	548PB	567-094 UNIT	02-113-23	1					
J8	511-152-04	548FER		569-113	LUG	(FFU)				J25	569-073	LUG		569-073	LUG	(FFU)				J43	569-113	LUG		569-113	LUG	(FFU)						
				52	548FER	567-094 UNIT	02-113-52	1			534-012-008	548SA0		41	548SA0	567-000 UNIT	02-073-41	1		551-108-003	548PBR		22	548PBR	567-094 UNIT	02-113-22	1					
J9	511-152-10	548FF		569-167	LUG	(FFU)				J26	569-073	LUG		569-073	LUG	(FFU)				J44	569-019	LUG		569-019	LUG	(FFU)						
				33	548FF	567-094 UNIT	02-167-33	1			534-012-004	548SA0R		40	548SA0R	567-000 UNIT	02-073-40	1		526-013-000	548CAR		40	548CAR	567-000 UNIT	02-019-40	1					
J10	511-152-09	548FFR		569-167	LUG	(FFU)				J27	569-073	LUG		569-073	LUG	(FFU)				J45	569-019	LUG		569-019	LUG	(FFU)						
				32	548FFR	567-094 UNIT	02-167-32	1			534-030-008	548SC0		31	548SC0	567-000 UNIT	02-073-31	1		526-013-004	548CA		41	548CA	567-000 UNIT	02-019-41	1					
J11	511-152-15	548FG		569-167	LUG	(FFU)				J28	569-073	LUG		569-073	LUG	(FFU)				J46	569-019	LUG		569-019	LUG	(FFU)						
				13	548FG	567-094 UNIT	02-167-13	1			534-030-004	548SC0R		30	548SC0R	567-000 UNIT	02-073-30	1		526-021-000	548CBR		50	548CBR	567-000 UNIT	02-019-50	1					
J12	511-152-14	548FGR		569-167	LUG	(FFU)				J29	534-102	LUG		534-102	LUG	(TMSU2)				J47	569-019	LUG		569-019	LUG	(FFU)						
				12	548FGR	567-094 UNIT	02-167-12	1			534-102-012	548SD0		008	548SD0	532-000 UNIT	02-102-008	1		526-021-004	548CB		51	548CB	567-000 UNIT	02-019-51	1					
J13	517-012-008	548SA1		569-113	LUG	(FFU)				J30	569-113	LUG		569-113	LUG	(FFU)				J48	569-019	LUG		569-019	LUG	(FFU)						
				21	548SA1	567-094 UNIT	02-113-21	1			534-102-008	548SD0		41	548SD0	567-094 UNIT	02-113-41	1		526-056-000	548CCR		22	548CCR	567-000 UNIT	02-019-22	1					
J14	517-012-004	548SA1R		569-113	LUG	(FFU)				J31	569-113	LUG		569-113	LUG	(FFU)				J49	569-019	LUG		569-019	LUG	(FFU)						
				20	548SA1R	567-094 UNIT	02-113-20	1			534-102-000	548SD0R		40	548SD0R	567-094 UNIT	02-113-40	1		526-056-004	548CC		23	548CC	567-000 UNIT	02-019-23	1					
J15	517-030-008	548SC1		569-113	LUG	(FFU)				J32	534-102	LUG		534-102	LUG	(TMSU2)				J50	569-073	LUG		569-073	LUG	(FFU)						
				11	548SC1	567-094 UNIT	02-113-11	1			534-102-004	548SD0R		000	548SD0R	532-000 UNIT	02-102-000	1		526-094-000	548CDR		00	548CDR	567-000 UNIT	02-073-00	1					
J16	517-030-004	548SC1R		569-113	LUG	(FFU)				J33	534-110	LUG		534-110	LUG	(TMSU2)																
				10	548SC1R	567-094 UNIT	02-113-10	1			534-110-012	548SE0		008	548SE0	532-000 UNIT	02-110-008	1														
J17	517-102-008	548SD1		569-167	LUG	(FFU)				J34	569-073	LUG		569-073	LUG	(FFU)																
				21	548SD1	567-094 UNIT	02-167-21	1			534-110-008	548SE0		21	548SE0	567-000 UNIT	02-073-21	1														

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CAD 245 (CONT'D)										CAD 246 (CONT'D)										CAD 246 (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		
.....J51				569-073	LUG	(FFU)				J8				669-113	LUG	(FFU)				J25				669-073	LUG	(FFU)					
526-094-004	548CD			01	548CD	567-000 UNIT	02-073-01	1		611-152-04	648FER			52	648FER	667-094 UNIT	02-113-52	1		634-012-008	648SA0			41	648SA0	667-000 UNIT	02-073-41	1			
.....J52				569-073	LUG	(FFU)				J9				669-167	LUG	(FFU)				J26				669-073	LUG	(FFU)					
526-101-000	548CER			10	548CER	567-000 UNIT	02-073-10	1		611-152-10	648FF			33	648FF	667-094 UNIT	02-167-33	1		634-012-004	648SA0R			40	648SA0R	667-000 UNIT	02-073-40	1			
.....J53				569-073	LUG	(FFU)				J10				669-167	LUG	(FFU)				J27				669-073	LUG	(FFU)					
526-101-004	548CE			11	548CE	567-000 UNIT	02-073-11	1		611-152-09	648FFR			32	648FFR	667-094 UNIT	02-167-32	1		634-030-008	648SC0			31	648SC0	667-000 UNIT	02-073-31	1			
.....J54				569-019	LUG	(FFU)				J11				669-167	LUG	(FFU)				J28				669-073	LUG	(FFU)					
542-013-080	548MBR			02	548MBR	567-000 UNIT	02-019-02	1		611-152-15	648FG			13	648FG	667-094 UNIT	02-167-13	1		634-030-004	648SC0R			30	648SC0R	667-000 UNIT	02-073-30	1			
.....J55				569-019	LUG	(FFU)				J12				669-167	LUG	(FFU)				J29				634-102	LUG	(TMSU2)					
542-075-080	548MAR			00	548MAR	567-000 UNIT	02-019-00	1		611-152-14	648FGR			12	648FGR	667-094 UNIT	02-167-12	1		634-102-012	648SD0			008	648SD0	632-000 UNIT	02-102-008	1			
.....J56				569-019	LUG	(FFU)				J13				669-113	LUG	(FFU)				J30				669-113	LUG	(FFU)					
543-013-004	548MB			03	548MB	567-000 UNIT	02-019-03	22,M		617-012-008	648SA1			21	648SA1	667-094 UNIT	02-113-21	1		634-102-008	648SD0			41	648SD0	667-094 UNIT	02-113-41	1			
.....J57				569-019	LUG	(FFU)				J14				669-113	LUG	(FFU)				J31				669-113	LUG	(FFU)					
543-075-004	548MA			01	548MA	567-000 UNIT	02-019-01	22,M		617-012-004	648SA1R			20	648SA1R	667-094 UNIT	02-113-20	1		634-102-000	648SD0R			40	648SD0R	667-094 UNIT	02-113-40	1			
CAD 246 POWER AND RETURN, BAY 6										J15				669-113	LUG	(FFU)				J32				634-102	LUG	(TMSU2)					
.....J1				669-019	LUG	(FFU)				617-030-008	648SC1			11	648SC1	667-094 UNIT	02-113-11	1		634-102-004	648SD0R			000	648SD0R	632-000 UNIT	02-102-000	1			
611-060-05	648FA			53	648FA	667-000 UNIT	02-019-53	1		J16				669-113	LUG	(FFU)				J33				634-110	LUG	(TMSU2)					
.....J2				669-019	LUG	(FFU)				617-030-004	648SC1R			10	648SC1R	667-094 UNIT	02-113-10	1		634-110-012	648SE0			008	648SE0	632-000 UNIT	02-110-008	1			
611-060-04	648FAR			52	648FAR	667-000 UNIT	02-019-52	1		J17				669-167	LUG	(FFU)				J34				669-073	LUG	(FFU)					
.....J3				669-073	LUG	(FFU)				617-102-008	648SD1			21	648SD1	667-094 UNIT	02-167-21	1		634-110-008	648SE0			21	648SE0	667-000 UNIT	02-073-21	1			
611-060-10	648FB			33	648FB	667-000 UNIT	02-073-33	1		J18				617-102	LUG	(TMSU2)				J35				669-073	LUG	(FFU)					
.....J4				669-073	LUG	(FFU)				617-102-012	648SD1			008	648SD1	615-000 UNIT	02-102-008	1		634-110-000	648SE0R			20	648SE0R	667-000 UNIT	02-073-20	1			
611-060-09	648FBR			32	648FBR	667-000 UNIT	02-073-32	1		J19				617-102	LUG	(TMSU2)				J36				634-110	LUG	(TMSU2)					
.....J5				669-073	LUG	(FFU)				617-102-004	648SD1R			000	648SD1R	615-000 UNIT	02-102-000	1		634-110-004	648SE0R			000	648SE0R	632-000 UNIT	02-110-000	1			
611-060-15	648FC			13	648FC	667-000 UNIT	02-073-13	1		J20				669-167	LUG	(FFU)				J38				669-073	LUG	(FFU)					
.....J6				669-073	LUG	(FFU)				617-102-000	648SD1R			20	648SD1R	667-094 UNIT	02-167-20	1		638-030-044	648SL10			03	648SL10	667-000 UNIT	02-073-03	1			
611-060-14	648FCR			12	648FCR	667-000 UNIT	02-073-12	1		J21				669-113	LUG	(FFU)				J39				669-167	LUG	(FFU)					
.....J7				669-113	LUG	(FFU)				617-110-008	648SE1			01	648SE1	667-094 UNIT	02-113-01	1		621-030-044	648SL11			03	648SL11	667-094 UNIT	02-167-03	1			
611-152-05	648FE			53	648FE	667-094 UNIT	02-113-53	1		J22				617-110	LUG	(TMSU2)				J40				669-019	LUG	(FFU)					
										617-110-012	648SE1			008	648SE1	615-000 UNIT	02-110-008	1		651-016-003	648PA			21	648PA	667-000 UNIT	02-019-21	1			
										J23				617-110	LUG	(TMSU2)															
										617-110-004	648SE1R			000	648SE1R	615-000 UNIT	02-110-000	1													
										J24				669-113	LUG	(FFU)															
										617-110-000	648SE1R			00	648SE1R	667-094 UNIT	02-113-00	1													

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CAD 246 (CONT'D)										CAD 247 POWER AND RETURN, BAY 7										CAD 247 (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	
.....J41				669-019	LUG	(FFU)				J1				769-019	LUG	(FFU)				J18				717-102	LUG	(TMSU2)				
651-019-003	648PAR			20	648PAR	667-000 UNIT	02-019-20	1		711-060-05	748FA			53	748FA	767-000 UNIT	02-019-53	1		717-102-012	748SD1			008	748SD1	715-000 UNIT	02-102-008	1		
.....J42				669-113	LUG	(FFU)				J2				769-019	LUG	(FFU)				J19				717-102	LUG	(TMSU2)				
651-105-003	648PB			23	648PB	667-094 UNIT	02-113-23	1		711-060-04	748FAR			52	748FAR	767-000 UNIT	02-019-52	1		717-102-004	748SD1R			000	748SD1R	715-000 UNIT	02-102-000	1		
.....J43				669-113	LUG	(FFU)				J3				769-073	LUG	(FFU)				J20				769-167	LUG	(FFU)				
651-108-003	648PBR			22	648PBR	667-094 UNIT	02-113-22	1		711-060-10	748FB			33	748FB	767-000 UNIT	02-073-33	1		717-102-000	748SD1R			20	748SD1R	767-094 UNIT	02-167-20	1		
.....J44				669-019	LUG	(FFU)				J4				769-073	LUG	(FFU)				J21				769-113	LUG	(FFU)				
626-013-000	648CAR			40	648CAR	667-000 UNIT	02-019-40	1		711-060-09	748FBR			32	748FBR	767-000 UNIT	02-073-32	1		717-110-008	748SE1			01	748SE1	767-094 UNIT	02-113-01	1		
.....J45				669-019	LUG	(FFU)				J5				769-073	LUG	(FFU)				J22				717-110	LUG	(TMSU2)				
626-013-004	648CA			41	648CA	667-000 UNIT	02-019-41	1		711-060-15	748FC			13	748FC	767-000 UNIT	02-073-13	1		717-110-012	748SE1			008	748SE1	715-000 UNIT	02-110-008	1		
.....J46				669-019	LUG	(FFU)				J6				769-073	LUG	(FFU)				J23				717-110	LUG	(TMSU2)				
626-021-000	648CBR			50	648CBR	667-000 UNIT	02-019-50	1		711-060-14	748FCR			12	748FCR	767-000 UNIT	02-073-12	1		717-110-004	748SE1R			000	748SE1R	715-000 UNIT	02-110-000	1		
.....J47				669-019	LUG	(FFU)				J7				769-113	LUG	(FFU)				J24				769-113	LUG	(FFU)				
626-021-004	648CB			51	648CB	667-000 UNIT	02-019-51	1		711-152-05	748FE			53	748FE	767-094 UNIT	02-113-53	1		717-110-000	748SE1R			00	748SE1R	767-094 UNIT	02-113-00	1		
.....J48				669-019	LUG	(FFU)				J8				769-113	LUG	(FFU)				J25				769-073	LUG	(FFU)				
626-056-000	648CCR			22	648CCR	667-000 UNIT	02-019-22	1		711-152-04	748FER			52	748FER	767-094 UNIT	02-113-52	1		734-012-008	748SA0			41	748SA0	767-000 UNIT	02-073-41	1		
.....J49				669-019	LUG	(FFU)				J9				769-167	LUG	(FFU)				J26				769-073	LUG	(FFU)				
626-056-004	648CC			23	648CC	667-000 UNIT	02-019-23	1		711-152-10	748FF			33	748FF	767-094 UNIT	02-167-33	1		734-012-004	748SA0R			40	748SA0R	767-000 UNIT	02-073-40	1		
.....J50				669-073	LUG	(FFU)				J10				769-167	LUG	(FFU)				J27				769-073	LUG	(FFU)				
626-094-000	648CDR			00	648CDR	667-000 UNIT	02-073-00	1		711-152-09	748FFR			32	748FFR	767-094 UNIT	02-167-32	1		734-030-008	748SC0			31	748SC0	767-000 UNIT	02-073-31	1		
.....J51				669-073	LUG	(FFU)				J11				769-167	LUG	(FFU)				J28				769-073	LUG	(FFU)				
626-094-004	648CD			01	648CD	667-000 UNIT	02-073-01	1		711-152-15	748FG			13	748FG	767-094 UNIT	02-167-13	1		734-030-004	748SC0R			30	748SC0R	767-000 UNIT	02-073-30	1		
.....J52				669-073	LUG	(FFU)				J12				769-167	LUG	(FFU)				J29				734-102	LUG	(TMSU2)				
626-101-000	648CER			10	648CER	667-000 UNIT	02-073-10	1		711-152-14	748FGR			12	748FGR	767-094 UNIT	02-167-12	1		734-102-012	748SD0			008	748SD0	732-000 UNIT	02-102-008	1		
.....J53				669-073	LUG	(FFU)				J13				769-113	LUG	(FFU)				J30				769-113	LUG	(FFU)				
626-101-004	648CE			11	648CE	667-000 UNIT	02-073-11	1		717-012-008	748SA1			21	748SA1	767-094 UNIT	02-113-21	1		734-102-008	748SD0			41	748SD0	767-094 UNIT	02-113-41	1		
.....J54				669-019	LUG	(FFU)				J14				769-113	LUG	(FFU)				J31				769-113	LUG	(FFU)				
642-013-080	648MBR			02	648MBR	667-000 UNIT	02-019-02	1		717-012-004	748SA1R			20	748SA1R	767-094 UNIT	02-113-20	1		734-102-000	748SD0R			40	748SD0R	767-094 UNIT	02-113-40	1		
.....J55				669-019	LUG	(FFU)				J15				769-113	LUG	(FFU)				J32				734-102	LUG	(TMSU2)				
642-075-080	648MAR			00	648MAR	667-000 UNIT	02-019-00	1		717-030-008	748SC1			11	748SC1	767-094 UNIT	02-113-11	1		734-102-004	748SD0R			000	748SD0R	732-000 UNIT	02-102-000	1		
.....J56				669-019	LUG	(FFU)				J16				769-113	LUG	(FFU)				J33				769-113	LUG	(FFU)				
643-013-004	648MB			03	648MB	667-000 UNIT	02-019-03	22,M		717-030-004	748SC1R			10	748SC1R	767-094 UNIT	02-113-10	1												
.....J57				669-019	LUG	(FFU)				J17				769-167	LUG	(FFU)														
643-075-004	648MA			01	648MA	667-000 UNIT	02-019-01	22,M		717-102-008	748SD1			21	748SD1	767-094 UNIT	02-167-21	1												

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CAD 247 (CONT'D)										CAD 248 (CONT'D)										CAD 248 (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
.....J33				734-110	LUG	(TMSU2)				J5				869-073	LUG	(FFU)				J22				817-110	LUG	(TMSU2)			
734-110-012	748SE0			008	748SE0	732-000 UNIT	02-110-008	1		811-060-15	848FC			13	848FC	867-000 UNIT	02-073-13	12,D		817-110-012	848SE1			008	848SE1	815-000 UNIT	02-110-008	13,YG	
.....J34				769-073	LUG	(FFU)				J6				869-073	LUG	(FFU)				J23				817-110	LUG	(TMSU2)			
734-110-008	748SE0			21	748SE0	767-000 UNIT	02-073-21	1		811-060-14	848FCR			12	848FCR	867-000 UNIT	02-073-12	12,D		817-110-004	848SE1R			000	848SE1R	815-000 UNIT	02-110-000	13,YG	
.....J35				769-073	LUG	(FFU)				J7				869-113	LUG	(FFU)				J24				869-113	LUG	(FFU)			
734-110-000	748SE0R			20	748SE0R	767-000 UNIT	02-073-20	1		811-152-05	848FE			53	848FE	867-094 UNIT	02-113-53	12,D		817-110-000	848SE1R			00	848SE1R	867-094 UNIT	02-113-00	13,YG	
.....J36				734-110	LUG	(TMSU2)				J8				869-113	LUG	(FFU)				J25				869-073	LUG	(FFU)			
734-110-004	748SE0R			000	748SE0R	732-000 UNIT	02-110-000	1		811-152-04	848FER			52	848FER	867-094 UNIT	02-113-52	12,D		834-012-008	848SA0			41	848SA0	867-000 UNIT	02-073-41	13,YG	
.....J38				769-073	LUG	(FFU)				J9				869-167	LUG	(FFU)				J26				869-073	LUG	(FFU)			
738-030-044	748SL10			03	748SL10	767-000 UNIT	02-073-03	1		811-152-10	848FF			33	848FF	867-094 UNIT	02-167-33	12,D		834-012-004	848SA0R			40	848SA0R	867-000 UNIT	02-073-40	13,YG	
.....J39				769-167	LUG	(FFU)				J10				869-167	LUG	(FFU)				J27				869-073	LUG	(FFU)			
721-030-044	748SL11			03	748SL11	767-094 UNIT	02-167-03	1		811-152-09	848FFR			32	848FFR	867-094 UNIT	02-167-32	12,D		834-030-008	848SC0			31	848SC0	867-001 UNIT	02-073-31	13,YG	
.....J40				769-019	LUG	(FFU)				J11				869-167	LUG	(FFU)				J28				869-073	LUG	(FFU)			
751-016-003	748PA			21	748PA	767-000 UNIT	02-019-21	17,S		811-152-15	848FG			13	848FG	867-094 UNIT	02-167-13	12,D		834-030-004	848SC0R			30	848SC0R	867-000 UNIT	02-073-30	13,YG	
.....J41				769-019	LUG	(FFU)				J12				869-167	LUG	(FFU)				J29				834-102	LUG	(TMSU2)			
751-019-003	748PAR			20	748PAR	767-000 UNIT	02-019-20	17,S		811-152-14	848FGR			12	848FGR	867-094 UNIT	02-167-12	12,D		834-102-012	848SD0			008	848SD0	832-000 UNIT	02-102-008	13,YG	
.....J42				769-113	LUG	(FFU)				J13				869-113	LUG	(FFU)				J30				869-113	LUG	(FFU)			
751-105-003	748PB			23	748PB	767-094 UNIT	02-113-23	22,K		817-012-008	848SA1			21	848SA1	867-094 UNIT	02-113-21	13,YG		834-102-008	848SD0			41	848SD0	867-094 UNIT	02-113-41	13,YG	
.....J43				769-113	LUG	(FFU)				J14				869-113	LUG	(FFU)				J31				869-113	LUG	(FFU)			
751-108-003	748PBR			22	748PBR	767-094 UNIT	02-113-22	22,K		817-012-004	848SA1R			20	848SA1R	867-094 UNIT	02-113-20	13,YG		834-102-000	848SD0R			40	848SD0R	867-094 UNIT	02-113-40	13,YG	
CAD 248 POWER AND RETURN, BAY 8										J15				869-113	LUG	(FFU)				J32				834-102	LUG	(TMSU2)			
.....J1				869-019	LUG	(FFU)				817-030-003	848SC1			11	848SC1	867-094 UNIT	02-113-11	13,YG		834-102-004	848SD0R			000	848SD0R	832-000 UNIT	02-102-000	13,YG	
811-060-05	848FA			53	848FA	867-000 UNIT	02-019-53	12,D		J16				869-113	LUG	(FFU)				J33				834-110	LUG	(TMSU2)			
.....J2				869-019	LUG	(FFU)				817-030-004	848SC1R			10	848SC1R	867-094 UNIT	02-113-10	13,YG		834-110-012	848SE0			008	848SE0	832-000 UNIT	02-110-008	13,YG	
811-060-04	848FAR			52	848FAR	867-000 UNIT	02-019-52	12,D		J17				869-167	LUG	(FFU)				J34				869-073	LUG	(FFU)			
.....J3				869-073	LUG	(FFU)				817-102-008	848SD1			21	848SD1	867-094 UNIT	02-167-21	13,YG		834-110-008	848SE0			21	848SE0	867-000 UNIT	02-073-21	13,YG	
811-360-10	848FB			33	848FB	867-000 UNIT	02-073-33	12,D		J18				817-102	LUG	(TMSU2)				J35				869-073	LUG	(FFU)			
.....J4				869-073	LUG	(FFU)				817-102-012	848SD1			008	848SD1	815-000 UNIT	02-102-008	13,YG		834-110-000	848SE0R			20	848SE0R	867-000 UNIT	02-113-20	13,YG	
811-060-09	848FBR			32	848FBR	867-000 UNIT	02-073-32	12,D		J19				817-102	LUG	(TMSU2)				J36				834-110	LUG	(TMSU2)			
										817-102-004	848SD1R			000	848SD1R	815-000 UNIT	02-102-000	13,YG		834-110-004	848SE0R			000	848SE0R	832-000 UNIT	02-110-000	13,YG	
										J20				869-167	LUG	(FFU)													
										817-102-000	848SD1R			20	848SD1R	867-094 UNIT	02-167-20	13,YG											
										J21				869-113	LUG	(FFU)													
										817-110-008	848SE1			01	848SE1	867-094 UNIT	02-113-01	13,YG											

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CAD 248 (CONT'D)										CAD 249 (CONT'D)										CAD 249 (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		
.....J38				869-073	LUG	(FFU).....				J9	969-167	LUG	(FFU).....		J26	969-073	LUG	(FFU).....		J26	969-073	LUG	(FFU).....		J26	969-073	LUG	(FFU).....			
838-030-044	848SL10			03	848SL10	867-000 UNIT	02-073-03	13,YG		911-152-10	948FF		33	948FF	967-094 UNIT	02-167-33	12,B			934-012-004	948SA0R		40	948SA0R	967-000 UNIT	02-073-40	13,YK				
.....J39				869-167	LUG	(FFU).....				J10	969-167	LUG	(FFU).....		J27	969-073	LUG	(FFU).....		J27	969-073	LUG	(FFU).....		J27	969-073	LUG	(FFU).....			
821-030-044	848SL11			03	848SL11	867-094 UNIT	02-167-03	13,YG		911-152-09	948FFR		32	948FFR	967-094 UNIT	02-167-32	12,B			934-030-008	948SC0		31	948SC0	967-000 UNIT	02-073-31	13,YK				
.....J40				869-019	LUG	(FFU).....				J11	969-167	LUG	(FFU).....		J28	969-073	LUG	(FFU).....		J28	969-073	LUG	(FFU).....		J28	969-073	LUG	(FFU).....			
851-016-003	848PA			21	848PA	867-000 UNIT	02-019-21	18,P		911-152-15	948FG		13	948FG	967-094 UNIT	02-167-13	12,B			934-030-004	948SC0R		30	948SC0R	967-000 UNIT	02-073-30	13,YK				
.....J41				869-019	LUG	(FFU).....				J12	969-167	LUG	(FFU).....		J29	934-102	LUG	(TMSU2).....		J29	934-102	LUG	(TMSU2).....		J29	934-102	LUG	(TMSU2).....			
851-019-003	848PAR			20	848PAR	867-000 UNIT	02-019-20	18,P		911-152-14	948FGR		12	948FGR	967-094 UNIT	02-167-12	12,B			934-102-012	948SD0		008	948SD0	932-000 UNIT	02-102-008	13,YK				
.....J42				869-113	LUG	(FFU).....				J13	969-113	LUG	(FFU).....		J30	969-113	LUG	(FFU).....		J30	969-113	LUG	(FFU).....		J30	969-113	LUG	(FFU).....			
851-105-003	848PB			23	848PB	867-094 UNIT	02-113-23	22,J		917-012-008	948SA1		21	948SA1	967-094 UNIT	02-113-21	13,YK			934-102-008	948SD0		41	948SD0	967-094 UNIT	02-113-41	13,YK				
.....J43				869-113	LUG	(FFU).....				J14	969-113	LUG	(FFU).....		J31	969-113	LUG	(FFU).....		J31	969-113	LUG	(FFU).....		J31	969-113	LUG	(FFU).....			
851-108-003	848PBR			22	848PBR	867-094 UNIT	02-113-22	22,J		917-012-004	948SA1R		20	948SA1R	967-094 UNIT	02-113-20	13,YK			934-102-000	948SD0R		40	948SD0R	967-094 UNIT	02-113-40	13,YK				
CAD 249 POWER AND RETURN, BAY 9										J15	969-113	LUG	(FFU).....		J32	934-102	LUG	(TMSU2).....		J32	934-102	LUG	(TMSU2).....		J32	934-102	LUG	(TMSU2).....			
										917-030-008	948SC1		11	948SC1	967-094 UNIT	02-113-11	13,YK		J33	934-102-004	948SD0R		000	948SD0R	932-000 UNIT	02-102-000	13,YK				
										J16	969-113	LUG	(FFU).....		J34	934-110	LUG	(TMSU2).....		J34	934-110-012	948SE0		008	948SE0	932-000 UNIT	02-110-008	13,YK			
										917-030-004	948SC1R		10	948SC1R	967-094 UNIT	02-113-10	13,YK		J35	969-073	LUG	(FFU).....		J35	969-073	LUG	(FFU).....				
										J17	969-167	LUG	(FFU).....		J36	934-110-004	948SE0R		J36	934-110-004	948SE0R		J36	934-110-004	948SE0R		J36	934-110-004	948SE0R		
.....J1	969-019	LUG	(FFU).....		J18	969-167	LUG	(FFU).....		J18	969-167	LUG	(FFU).....		J37	969-073	LUG	(FFU).....		J37	969-073	LUG	(FFU).....		J37	969-073	LUG	(FFU).....			
911-060-05	948FA			53	948FA	967-000 UNIT	02-019-53	12,B		J19	917-102	LUG	(TMSU2).....		J38	969-073	LUG	(FFU).....		J38	969-073	LUG	(FFU).....		J38	969-073	LUG	(FFU).....			
.....J2	969-019	LUG	(FFU).....		J19	917-102	LUG	(TMSU2).....		J19	917-102	LUG	(TMSU2).....		J39	969-073	LUG	(FFU).....		J39	969-073	LUG	(FFU).....		J39	969-073	LUG	(FFU).....			
911-060-04	948FAR			52	948FAR	967-000 UNIT	02-019-52	12,B		J20	969-167	LUG	(FFU).....		J40	969-019	LUG	(FFU).....		J40	969-019	LUG	(FFU).....		J40	969-019	LUG	(FFU).....			
.....J3	969-073	LUG	(FFU).....		J20	969-167	LUG	(FFU).....		J20	969-167	LUG	(FFU).....		J41	969-019	LUG	(FFU).....		J41	969-019	LUG	(FFU).....		J41	969-019	LUG	(FFU).....			
911-060-10	948FB			33	948FB	967-000 UNIT	02-073-33	12,B		J21	969-113	LUG	(FFU).....		J42	969-019	LUG	(FFU).....		J42	969-019	LUG	(FFU).....		J42	969-019	LUG	(FFU).....			
.....J4	969-073	LUG	(FFU).....		J21	969-113	LUG	(FFU).....		J21	969-113	LUG	(FFU).....		J43	969-019	LUG	(FFU).....		J43	969-019	LUG	(FFU).....		J43	969-019	LUG	(FFU).....			
911-060-09	948FBR			32	948FBR	967-000 UNIT	02-073-32	12,B		J22	917-110	LUG	(TMSU2).....		J44	969-019	LUG	(FFU).....		J44	969-019	LUG	(FFU).....		J44	969-019	LUG	(FFU).....			
.....J5	969-073	LUG	(FFU).....		J22	917-110	LUG	(TMSU2).....		J22	917-110	LUG	(TMSU2).....		J45	969-019	LUG	(FFU).....		J45	969-019	LUG	(FFU).....		J45	969-019	LUG	(FFU).....			
911-060-15	948FC			13	948FC	967-000 UNIT	02-073-13	12,B		J23	917-110	LUG	(TMSU2).....		J46	969-019	LUG	(FFU).....		J46	969-019	LUG	(FFU).....		J46	969-019	LUG	(FFU).....			
.....J6	969-073	LUG	(FFU).....		J23	917-110	LUG	(TMSU2).....		J23	917-110	LUG	(TMSU2).....		J47	969-019	LUG	(FFU).....		J47	969-019	LUG	(FFU).....		J47	969-019	LUG	(FFU).....			
911-060-14	948FCR			12	948FCR	967-000 UNIT	02-073-12	12,B		J24	969-113	LUG	(FFU).....		J48	969-019	LUG	(FFU).....		J48	969-019	LUG	(FFU).....		J48	969-019	LUG	(FFU).....			
.....J7	969-113	LUG	(FFU).....		J24	969-113	LUG	(FFU).....		J24	969-113	LUG	(FFU).....		J49	969-019	LUG	(FFU).....		J49	969-019	LUG	(FFU).....		J49	969-019	LUG	(FFU).....			
911-152-05	948FE			53	948FE	967-094 UNIT	02-113-53	12,B		J25	969-073	LUG	(FFU).....		J50	969-019	LUG	(FFU).....		J50	969-019	LUG	(FFU).....		J50	969-019	LUG	(FFU).....			
.....J8	969-113	LUG	(FFU).....		J25	969-073	LUG	(FFU).....		J25	969-073	LUG	(FFU).....		J51	969-019	LUG	(FFU).....		J51	969-019	LUG	(FFU).....		J51	969-019	LUG	(FFU).....			
911-152-04	948FER			52	948FER	967-094 UNIT	02-113-52	12,B		934-012-008	948SA0		41	948SA0	967-000 UNIT	02-073-41	13,YK			J52	969-019	LUG	(FFU).....		J52	969-019	LUG	(FFU).....			

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DWG SIZE
C2

ISSUE
3B

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GB198

CAD 249 (CONT'D)										CAD 250 (CONT'D)										CAD 250 (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	
.....J42				969-113	LUG	(FFU)				J13	1069-113	LUG	(FFU)							J30	1069-113	LUG	(FFU)							
951-105-003	948PB			23	948PB	967-094 UNIT	02-113-23	22,G		1017-012-008	1048SA1		21	1048SA1	1067-094 UNIT	02-113-21	13,YN			1034-102-008	1048SD0		41	1048SD0	1067-094 UNIT	02-113-41	13,YN			
.....J43				969-113	LUG	(FFU)				J14	1069-113	LUG	(FFU)							J31	1069-113	LUG	(FFU)							
951-108-003	948PBR			22	948PBR	967-094 UNIT	02-113-22	22,G		1017-012-004	1048SA1R		20	1048SA1R	1067-094 UNIT	02-113-20	13,YN			1034-102-000	1048SD0R		40	1048SD0R	1067-094 UNIT	02-113-40	13,YN			
CAD 250 POWER AND RETURN, BAY 10										J15	1069-113	LUG	(FFU)								J32	1034-102	LUG	(TMSU2)						
.....J1				1069-019	LUG	(FFU)				1017-030-008	1048SC1		11	1048SC1	1067-094 UNIT	02-113-11	13,YN			1034-102-004	1048SD0R		000	1048SD0R	1032-000 UNIT	02-102-000	13,YN			
1011-060-05	1048FA			53	1048FA	1067-000 UNIT	02-019-53	12,A		J16	1069-113	LUG	(FFU)							J33	1034-110	LUG	(TMSU2)							
.....J2				1069-019	LUG	(FFU)				1017-030-004	1048SC1R		10	1048SC1R	1067-094 UNIT	02-113-10	13,YN			1034-110-012	1048SE0		008	1048SE0	1032-000 UNIT	02-110-008	13,YN			
1011-060-04	1048FAR			52	1048FAR	1067-000 UNIT	02-019-52	12,A		J17	1069-167	LUG	(FFU)							J34	1069-073	LUG	(FFU)							
.....J3				1069-073	LUG	(FFU)				1017-102-008	1048SD1		21	1048SD1	1067-094 UNIT	02-167-21	13,YN			1034-110-008	1048SE0		21	1048SE0	1067-000 UNIT	02-073-21	13,YN			
1011-060-10	1048FB			33	1048FB	1067-000 UNIT	02-073-33	12,A		J18	1017-102	LUG	(TMSU2)							J35	1069-073	LUG	(FFU)							
.....J4				1069-073	LUG	(FFU)				1017-102-012	1048SD1		008	1048SD1	1015-000 UNIT	04-102-008	13,YN			1034-110-000	1048SE0R		20	1048SE0R	1067-000 UNIT	02-073-20	13,YN			
1011-060-09	1048FBR			32	1048FBR	1067-000 UNIT	02-073-32	12,A		J19	1017-102	LUG	(TMSU2)							J36	1034-110	LUG	(TMSU2)							
.....J5				1069-073	LUG	(FFU)				1017-102-004	1048SD1R		000	1048SD1R	1015-000 UNIT	04-102-000	13,YN			1034-110-004	1048SE0R		000	1048SE0R	1032-000 UNIT	02-110-000	13,YN			
1011-060-15	1048FC			13	1048FC	1067-000 UNIT	02-073-13	12,A		J20	1069-167	LUG	(FFU)							J38	1069-073	LUG	(FFU)							
.....J6				1069-073	LUG	(FFU)				1017-102-000	1048SD1R		20	1048SD1R	1067-094 UNIT	02-167-20	13,YN			1038-030-044	1048SL1		03	1048SL1	1067-000 UNIT	02-073-03	13,YN			
1011-060-14	1048FCR			12	1048FCR	1067-000 UNIT	02-073-12	12,A		J21	1069-113	LUG	(FFU)							J39	1069-167	LUG	(FFU)							
.....J7				1069-113	LUG	(FFU)				1017-110-008	1048SE1		01	1048SE1	1067-094 UNIT	02-113-01	13,YN			1021-030-044	1048SL1		03	1048SL1	1067-094 UNIT	02-167-03	13,YN			
1011-152-05	1048FE			53	1048FE	1067-094 UNIT	02-113-53	12,A		J22	1017-110	LUG	(TMSU2)							J40	1069-019	LUG	(FFU)							
.....J8				1069-113	LUG	(FFU)				1017-110-012	1048SE1		008	1048SE1	1015-000 UNIT	04-110-008	13,YN			1051-016-003	1048PA		21	1048PA	1067-000 UNIT	02-019-21	18,N			
1011-152-04	1048FER			52	1048FER	1067-094 UNIT	02-113-52	12,A		J23	1017-110	LUG	(TMSU2)							J41	1069-019	LUG	(FFU)							
.....J9				1069-167	LUG	(FFU)				1017-110-004	1048SE1R		000	1048SE1R	1015-000 UNIT	04-110-000	13,YN			1051-019-003	1048PAR		20	1048PAR	1067-000 UNIT	02-019-20	18,N			
1011-152-10	1048FF			33	1048FF	1067-094 UNIT	02-167-33	12,A		J24	1069-113	LUG	(FFU)							J42	1069-113	LUG	(FFU)							
.....J10				1069-113	LUG	(FFU)				1017-110-000	1048SE1R		00	1048SE1R	1067-094 UNIT	02-113-00	13,YN			1051-105-003	1048PB		23	1048PB	1067-094 UNIT	02-113-23	22,F			
1011-152-09	1048FFR			32	1048FFR	1067-094 UNIT	02-167-32	12,A		J25	1069-073	LUG	(FFU)							J43	1069-113	LUG	(FFU)							
.....J11				1069-167	LUG	(FFU)				1034-012-008	1048SA0		41	1048SA0	1067-000 UNIT	02-073-41	13,YN			1051-108-003	1048PBR		22	1048PBR	1067-094 UNIT	02-113-22	22,F			
1011-152-15	1048FG			13	1048FG	1067-094 UNIT	02-167-13	12,A		J26	1069-073	LUG	(FFU)																	
.....J12				1069-167	LUG	(FFU)				1034-012-004	1048SA0R		40	1048SA0R	1067-000 UNIT	02-073-40	13,YN													
1011-152-14	1048FGR			12	1048FGR	1067-094 UNIT	02-167-12	12,A		J27	1069-073	LUG	(FFU)																	
										1034-030-008	1048SC0		31	1048SC0	1067-000 UNIT	02-073-31	13,YN													
										J28	1069-073	LUG	(FFU)																	
										1034-030-004	1048SC0		30	1048SC0	1067-000 UNIT	02-073-30	13,YN													
										J29	1034-102	LUG	(TMSU2)																	
										1034-102-012	1048SD0		008	1048SD0	1032-000 UNIT	02-102-008	13,YN													

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OMG SIZE
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ISSUE
3B

CAD 251										CAD 251										CAD 251																			
POWER AND RETURN, RAY 11										(CONT'D)										(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	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
1111-060-05	J1 1148FA			1169-019 53	LUG 1148FA	(FFU) 1167-000 UNIT	02-019-53	12,ZA		1117-102-012	J18 1148SD1			1117-102 008	LUG 1148SD1	(TMSU2) 1115-000 UNIT	04-102-008	13,YQ		1134-110-000	J35 1148SE0R			1169-073 20	LUG 1148SE0R	(FFU) 1167-000 UNIT	02-073-20	13,YQ											
1111-060-04	J2 1148FAR			1169-019 52	LUG 1148FAR	(FFU) 1167-000 UNIT	02-019-52	12,ZA		1117-102-004	J19 1148SD1R			1117-102 000	LUG 1148SD1R	(TMSU2) 1115-000 UNIT	04-102-000	13,YQ		1134-110-004	J36 1148SE0R			1134-110 000	LUG 1148SE0R	(TMSU2) 1132-000 UNIT	02-110-000	13,YQ											
1111-060-10	J3 1148FB			1169-073 33	LUG 1148FB	(FFU) 1167-000 UNIT	02-073-33	12,ZA		1117-102-000	J20 1148SD1R			1169-167 20	LUG 1148SD1R	(FFU) 1167-094 UNIT	02-167-20	13,YQ		1138-030-044	J38 1148SL1			1169-073 03	LUG 1148SL1	(FFU) 1167-000 UNIT	02-073-03	13,YQ											
1111-060-09	J4 1148FBR			1169-073 32	LUG 1148FBR	(FFU) 1167-000 UNIT	02-073-32	12,ZA		1117-110-008	J21 1148SE1			1169-113 01	LUG 1148SE1	(FFU) 1167-094 UNIT	02-113-01	13,YQ		1121-030-044	J39 1148SL1			1169-167 03	LUG 1148SL1	(FFU) 1167-094 UNIT	02-167-03	13,YQ											
1111-060-15	J5 1148FC			1169-073 13	LUG 1148FC	(FFU) 1167-000 UNIT	02-073-13	12,ZA		1117-110-012	J22 1148SE1			1117-110 008	LUG 1148SE1	(TMSU2) 1115-000 UNIT	04-110-008	13,YQ		1151-016-003	J40 1148PA			1169-019 21	LUG 1148PA	(FFU) 1167-000 UNIT	02-019-21	17,Q											
1111-060-14	J6 1148FCR			1169-073 12	LUG 1148FCR	(FFU) 1167-000 UNIT	02-073-12	12,ZA		1117-110-004	J23 1148SE1R			1117-110 000	LUG 1148SE1R	(TMSU2) 1115-000 UNIT	04-110-000	13,YQ		1151-019-003	J41 1148PAR			1169-019 20	LUG 1148PAR	(FFU) 1167-000 UNIT	02-019-20	17,Q											
1111-152-05	J7 1148FE			1169-113 53	LUG 1148FE	(FFU) 1167-094 UNIT	02-113-53	12,ZA		1117-110-000	J24 1148SE1R			1169-113 00	LUG 1148SE1R	(FFU) 1167-094 UNIT	02-113-00	13,YQ		1151-105-003	J42 1148PB			1169-113 23	LUG 1148PB	(FFU) 1167-094 UNIT	02-113-23	22,E											
1111-152-04	J8 1148FER			1169-113 52	LUG 1148FER	(FFU) 1167-094 UNIT	02-113-52	12,ZA		1134-012-008	J25 1148SA0			1169-073 41	LUG 1148SA0	(FFU) 1167-000 UNIT	02-073-41	13,YQ		1151-108-003	J43 1148PBR			1169-113 22	LUG 1148PBR	(FFU) 1167-094 UNIT	02-113-22	22,E											
1111-152-10	J9 1148FF			1169-167 33	LUG 1148FF	(FFU) 1167-094 UNIT	02-167-33	12,ZA		1134-012-004	J26 1148SA0R			1169-073 40	LUG 1148SA0R	(FFU) 1167-000 UNIT	02-073-40	13,YQ		AP FIG 1 CAD 252 TYPICAL GROUND STRAPPING																			
1111-152-09	J10 1148FFR			1169-167 32	LUG 1148FFR	(FFU) 1167-094 UNIT	02-167-32	12,ZA		1134-030-008	J27 1148SC0			1169-073 31	LUG 1148SC0	(FFU) 1167-000 UNIT	02-073-31	13,YQ																					
1111-152-15	J11 1148FG			1169-167 13	LUG 1148FG	(FFU) 1167-094 UNIT	02-167-13	12,ZA		1134-030-004	J28 1148SC0			1169-073 30	LUG 1148SC0	(FFU) 1167-000 UNIT	02-073-30	13,YQ																					
1111-152-14	J12 1148FGR			1169-167 12	LUG 1148FGR	(FFU) 1167-094 UNIT	02-167-12	12,ZA		1134-102-012	J29 1148SD0			1134-102 008	LUG 1148SD0	(TMSU2) 1132-000 UNIT	02-102-008	13,YQ																					
1117-012-008	J13 1148SA1			1169-113 21	LUG 1148SA1	(FFU) 1167-094 UNIT	02-113-21	13,YQ		1134-102-008	J30 1148SD0			1169-113 41	LUG 1148SD0	(FFU) 1167-094 UNIT	02-113-41	13,YQ																					
1117-012-004	J14 1148SA1R			1169-113 20	LUG 1148SA1R	(FFU) 1167-094 UNIT	02-113-20	13,YQ		1134-102-000	J31 1148SD0R			1169-113 40	LUG 1148SD0R	(FFU) 1167-094 UNIT	02-113-40	13,YQ																					
1117-030-008	J15 1148SC1			1169-113 11	LUG 1148SC1	(FFU) 1167-094 UNIT	02-113-11	13,YQ		1134-102-004	J32 1148SD0R			1134-102 000	LUG 1148SD0R	(TMSU2) 1132-000 UNIT	02-102-004	13,YQ																					
1117-030-004	J16 1148SC1R			1169-113 10	LUG 1148SC1R	(FFU) 1167-094 UNIT	02-113-10	13,YQ		1134-110-012	J33 1148SE0			1134-110 008	LUG 1148SE0	(TMSU2) 1132-000 UNIT	02-110-008	13,YQ																					
1117-102-008	J17 1148SD1			1169-167 21	LUG 1148SD1	(FFU) 1167-094 UNIT	02-167-21	13,YQ		1134-110-008	J34 1148SE0			1169-073 21	LUG 1148SE0	(FFU) 1167-000 UNIT	02-073-21	13,YQ																					

AP FIG 1 CAD 252
TYPICAL GROUND STRAPPING

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1				516-017	LUG				
416-152-080	GRD			080	GRD	515-000 UNIT	01-017-080		</

AP FIG 1 CAD 252 (CONT'D)										AP FIG 1 CAD 252 (CONT'D)										AP FIG 1 CAD 252 (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
.....J5				516-173	LUG					J22				525-085	LUG					J39					533-107	LUG			
616-037-080	GRD			080	GRD	515-000 UNIT	01-173-080			522-085-057	GRD			080	GRD	524-000 UNIT	01-085-080			531-107-057	GRD			080	GRD	532-000 UNIT	01-107-080		
.....J6				516-152	LUG					J23				525-107	LUG					J40					533-130	LUG			
616-017-080	GRD			080	GRD	515-000 UNIT	01-152-080			522-107-057	GRD			080	GRD	524-000 UNIT	01-107-080			531-130-057	GRD			080	GRD	532-000 UNIT	01-130-080		
.....J7				522-173	LUG					J24				525-130	LUG					J41					539-061	LUG			
622-037-057	GRD			057	GRD	515-000 UNIT	07-173-057			522-130-057	GRD			080	GRD	524-000 UNIT	01-130-080			542-061-080	GRD			057	GRD	532-000 UNIT	07-061-057		
.....J8				522-152	LUG					J25				531-061	LUG					J42					539-085	LUG			
622-017-057	GRD			057	GRD	515-000 UNIT	07-152-057			533-061-080	GRD			057	GRD	524-000 UNIT	07-061-057			542-085-080	GRD			057	GRD	532-000 UNIT	07-085-057		
.....J9				522-061	LUG					J26				531-085	LUG					J43					539-107	LUG			
525-061-080	GRD			057	GRD	515-000 UNIT	07-061-057			533-085-080	GRD			057	GRD	524-000 UNIT	07-085-057			542-107-080	GRD			057	GRD	532-000 UNIT	07-107-057		
.....J10				522-085	LUG					J27				531-107	LUG					J44					539-130	LUG			
525-085-080	GRD			057	GRD	515-000 UNIT	07-085-057			533-107-080	GRD			057	GRD	524-000 UNIT	07-107-057			542-130-080	GRD			057	GRD	532-000 UNIT	07-130-057		
.....J11				522-107	LUG					J28				531-130	LUG					J45					542-017	LUG			
525-107-080	GRD			057	GRD	515-000 UNIT	07-107-057			533-130-080	GRD			057	GRD	524-000 UNIT	07-130-057			442-152-080	GRD			080	GRD	541-000 UNIT	01-017-080		
.....J12				522-130	LUG					J29				533-017	LUG					J46					542-037	LUG			
525-130-080	GRD			057	GRD	515-000 UNIT	07-130-057			433-152-080	GRD			080	GRD	532-000 UNIT	01-017-080			442-173-080	GRD			080	GRD	541-000 UNIT	01-037-080		
.....J13				525-017	LUG					J30				533-037	LUG					J47					548-017	LUG			
425-152-080	GRD			080	GRD	524-000 UNIT	01-017-080			433-173-080	GRD			080	GRD	532-000 UNIT	01-037-080			448-152-057	GRD			057	GRD	541-000 UNIT	07-017-057		
.....J14				525-037	LUG					J31				539-017	LUG					J48					548-037	LUG			
425-173-080	GRD			080	GRD	524-000 UNIT	01-037-080			439-152-057	GRD			057	GRD	532-000 UNIT	07-017-057			448-173-057	GRD			057	GRD	541-000 UNIT	07-037-057		
.....J15				531-017	LUG					J32				539-037	LUG					J49					542-173	LUG			
431-152-057	GRD			057	GRD	524-000 UNIT	07-017-057			439-173-057	GRD			057	GRD	532-000 UNIT	07-037-057			642-037-080	GRD			080	GRD	541-000 UNIT	01-173-080		
.....J16				531-037	LUG					J33				533-173	LUG					J50					542-152	LUG			
431-173-057	GRD			057	GRD	524-000 UNIT	07-037-057			633-037-080	GRD			080	GRD	532-000 UNIT	01-173-080			642-017-080	GRD			080	GRD	541-000 UNIT	01-152-080		
.....J17				525-173	LUG					J34				533-152	LUG					J51					548-173	LUG			
625-037-080	GRD			080	GRD	524-000 UNIT	01-173-080			633-017-080	GRD			080	GRD	532-000 UNIT	01-152-080			648-037-057	GRD			057	GRD	541-000 UNIT	07-173-057		
.....J18				525-152	LUG					J35				539-173	LUG					J52					548-152	LUG			
625-017-080	GRD			080	GRD	524-000 UNIT	01-152-080			639-037-057	GRD			057	GRD	532-000 UNIT	07-173-057			648-017-057	GRD			057	GRD	541-000 UNIT	07-152-057		
.....J19				531-173	LUG					J36				539-152	LUG					J53					542-061	LUG			
631-037-057	GRD			057	GRD	524-000 UNIT	07-173-057			639-017-057	GRD			057	GRD	532-000 UNIT	07-152-057			539-061-057	GRD			080	GRD	541-000 UNIT	01-061-080		
.....J20				531-152	LUG					J37				533-061	LUG														
631-017-057	GRD			057	GRD	524-000 UNIT	07-152-057			531-061-057	GRD			080	GRD	532-000 UNIT	01-061-080												
.....J21				525-061	LUG					J38				533-085	LUG														
522-061-057	GRD			080	GRD	524-000 UNIT	01-061-080			531-085-057	GRD			080	GRD	532-000 UNIT	01-085-080												

AP FIG 1 CAD 252
(CONT'D)

COMMUNICATION MODULE, MODEL 2 -
DOUBLE DUAL FABRIC

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GB201

SD-5D144-02

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GB201

AP FIG 1 CAD 252 (CONT'D)										AP FIG 1 CAD 252 (CONT'D)										CAD 253 (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
.....J54				542-085	LUG					J71				550-107	LUG					J5				119-173	JACK/UNIT	(TMSU2)			
539-085-057	GRD			080	GRD	541-000 UNIT	01-085-080			548-107-057	GRD			080	GRD	549-000 UNIT	01-107-080			NC				200					
.....J55				542-107	LUG					J72				550-130	LUG					NC				201					
539-107-057	GRD			080	GRD	541-000 UNIT	01-107-080			548-130-057	GRD			080	GRD	549-000 UNIT	01-130-080			NC				202	10SSEL	115-000 UNIT	04-173-203	13,YN	
.....J56				542-130	LUG															NC				203					
539-130-057	GRD			080	GRD	541-000 UNIT	01-130-080													NC				204					
.....J57				548-061	LUG															NC				205					
550-061-080	GRD			057	GRD	541-000 UNIT	07-061-057													NC				300	10SSEL	115-000 UNIT	04-173-301	13,YN	
.....J58				548-085	LUG															NC				301					
550-085-080	GRD			057	GRD	541-000 UNIT	07-085-057													NC				302	10SSEL	115-000 UNIT	04-173-303	13,YN	
.....J59				548-107	LUG															NC				303	10SSEL	115-000 UNIT	04-173-304	13,YN	
550-107-080	GRD			057	GRD	541-000 UNIT	07-107-057													NC				304					
.....J60				548-130	LUG															NC				305					
550-130-080	GRD			057	GRD	541-000 UNIT	07-130-057													NC									
.....J61				550-017	LUG															NC									
450-152-080	GRD			080	GRD	549-000 UNIT	01-017-080													NC									
.....J62				550-037	LUG															NC									
450-173-080	GRD			080	GRD	549-000 UNIT	01-037-080													NC									
.....J63				556-017	LUG															NC									
456-152-057	GRD			057	GRD	549-000 UNIT	07-017-057													NC									
.....J64				556-037	LUG															NC									
456-173-057	GRD			057	GRD	549-000 UNIT	07-037-057													NC									
.....J65				550-173	LUG															NC									
650-037-080	GRD			080	GRD	549-000 UNIT	01-173-080													NC									
.....J66				550-152	LUG															NC									
650-017-080	GRD			080	GRD	549-000 UNIT	01-152-080													NC									
.....J67				556-173	LUG															NC									
656-037-057	GRD			057	GRD	549-000 UNIT	07-173-057													NC									
.....J68				556-152	LUG															NC									
656-017-057	GRD			057	GRD	549-000 UNIT	07-152-057													NC									
.....J69				550-061	LUG															NC									
548-061-057	GRD			080	GRD	549-000 UNIT	01-061-080													NC									
.....J70				550-085	LUG															NC									
548-085-057	GRD			080	GRD	549-000 UNIT	01-085-080													NC									

CAD 253

SHELF SELECT STRAPS

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COMMUNICATION MODULE, MODEL 2 - DOUBLE DUAL FABRIC		ISSUE 3B
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CAD 253 (CONT'D)										CAD 253 (CONT'D)										CAD 253 (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
J9										J14										J19									
219-173 JACK/UNIT (TMSU2)										919-173 (CONT'D) JACK/UNIT (TMSU2)										836-173 (CONT'D) JACK/UNIT (TMSU2)									
NC				200						NC				205						NC					303				
NC				201						NC				300						NC					304				
NC				202						NC				301						NC					305				
NC				203	20SSEL	215-000 UNIT	04-173-203	13,YK		NC				302						NC									
NC				204						NC				303	90SSEL	915-000 UNIT	04-173-303	13,YK											
NC				205						NC				304	90SSEL	915-000 UNIT	04-173-304	13,YK											
NC				300						NC				305															
NC				301																									
NC				302																									
NC				303	20SSEL	215-000 UNIT	04-173-303	13,YK																					
NC				304	20SSEL	215-000 UNIT	04-173-304	13,YK																					
NC				305																									
J10										J15										J20									
236-173 JACK/UNIT (TMSU2)										736-173 JACK/UNIT (TMSU2)										819-173 JACK/UNIT (TMSU2)									
NC				200						NC				200						NC					200				
NC				201						NC				201						NC					201				
NC				202						NC				202						NC					202				
NC				203						NC				203	ZESSEL	732-000 UNIT	04-173-203	1		NC				203	80SSEL	815-000 UNIT	04-173-203	13,YG	
NC				204	ZESSEL	232-000 UNIT	04-173-203	13,YK		NC				204						NC				204					
NC				205						NC				205						NC				205					
NC				300						NC				300						NC				300	80SSEL	815-000 UNIT	04-173-300	13,YG	
NC				301						NC				301	ZESSEL	732-000 UNIT	04-173-301	1		NC				301					
NC				302						NC				302						NC				302					
NC				303						NC				303						NC				303					
NC				304	ZESSEL	232-000 UNIT	04-173-303	13,YK		NC				304						NC				304	80SSEL	815-000 UNIT	04-173-304	13,YG	
NC				305						NC				305						NC				305					
J11										J16										J21									
519-173 JACK/UNIT (TMSU2)										719-173 JACK/UNIT (TMSU2)										1136-173 JACK/UNIT (TMSU2)									
NC				200						NC				200						NC					200				
NC				201						NC				201						NC					201				
NC				202						NC				202						NC					202				
NC				203						NC				203	ZOSSEL	715-000 UNIT	04-173-203	1		NC				203	11ESSEL	1132-000 UNIT	04-173-203	13,YG	
NC				204						NC				204						NC				204					
NC				205	500SEL	515-000 UNIT	04-173-203	1		NC				205						NC				205					
NC				300						NC				300						NC				300	11ESSEL	1132-000 UNIT	04-173-300	13,YG	
NC				301						NC				301	ZOSSEL	715-000 UNIT	04-173-301	1		NC				301					
NC				302						NC				302						NC				302					
NC				303						NC				303						NC				303	11ESSEL	1132-000 UNIT	04-173-303	13,YG	
NC				304						NC				304	ZOSSEL	715-000 UNIT	04-173-304	1		NC				304					
NC				305						NC				305						NC				305					
J12										J17										J22									
619-173 JACK/UNIT (TMSU2)										1036-173 JACK/UNIT (TMSU2)										1119-173 JACK/UNIT (TMSU2)									
NC				200						NC				200						NC					200				
NC				201						NC				201						NC					201				
NC				202						NC				202						NC					202				
NC				203						NC				203	10ESSEL	1032-000 UNIT	04-173-203	13,YN		NC				203	110SSEL	1115-000 UNIT	04-173-203	13,YG	
NC				204	60SSEL	615-000 UNIT	04-173-203	1		NC				204						NC				204					
NC				205						NC				205						NC				205					
NC				300						NC				300						NC				300	110SSEL	1115-000 UNIT	04-173-300	13,YG	
NC				301						NC				301	10ESSEL	1032-000 UNIT	04-173-301	13,YN		NC				301					
NC				302						NC				302						NC				302					
NC				303						NC				303	10ESSEL	1032-000 UNIT	04-173-303	13,YN		NC				303	110SSEL	1115-000 UNIT	04-173-303	13,YG	
NC				304						NC				304						NC				304	110SSEL	1115-000 UNIT	04-173-304	13,YG	
NC				305	60SSEL	615-000 UNIT	04-173-304	1		NC				305						NC				305					
J13										J18										J22									
936-173 JACK/UNIT (TMSU2)										1019-173 JACK/UNIT (TMSU2)										1119-173 JACK/UNIT (TMSU2)									
NC				200						NC				200						NC					200				
NC				201						NC				201						NC					201				
NC				202						NC				202						NC					202				
NC				203						NC				203	100SSEL	1015-000 UNIT	04-173-203	13,YN		NC				203					
NC				204						NC				204						NC				204					
NC				205						NC				205						NC				205					
NC				300						NC				300						NC				300					
NC				301						NC				301	100SSEL	1015-000 UNIT	04-173-301	13,YN		NC				301					
NC				302						NC				302						NC				302					
NC				303						NC				303	100SSEL	1015-000 UNIT	04-173-303	13,YN		NC				303					
NC				304						NC				304	100SSEL	1015-000 UNIT	04-173-304	13,YN		NC				304					
NC				305						NC				305						NC				305					
J14										J19										J22									
919-173 JACK/UNIT (TMSU2)										836-173 JACK/UNIT (TMSU2)										1119-173 JACK/UNIT (TMSU2)									
NC				200						NC				200						NC					200				
NC				201						NC				201						NC					201				
NC				202						NC				202						NC					202				
NC				203						NC				203	8ESSEL	832-000 UNIT	04-173-203	13,YG		NC				203					
NC				204						NC				204						NC					204				
NC				205						NC				205						NC					205				
NC				300						NC				300						NC					300				
NC				301						NC				301	8ESSEL	832-000 UNIT	04-173-300	13,YG		NC				301					
NC				302						NC				302						NC				302					
NC				303						NC				303						NC				303					
NC				304						NC				304						NC				304					
NC				305						NC				305						NC				305					

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COMMUNICATION MODULE, MODEL 2 -
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0123456789										0123456789										0123456789										
CAD 254 UNEQUIPPED POWER CONVERTER STRAP										CAD 254 (CONT'D)										CAD 254 (CONT'D)										
TO CONNECTION										TO CONNECTION										TO 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	
.....J1				536-006	JACK/UNIT	(TMSU2)				J5				336-006 (CONT'D)	JACK/UNIT	(TMSU2)				J11					336-007	JACK/UNIT	(TMSU2)			
NC				000	500SS0	532-000	UNIT	04-006-000	1	NC				102						NC					003	300SS0	332-000	UNIT	04-007-003	13,YJ
NC				001						NC										NC					004	31NTSE	332-000	UNIT	04-007-005	13,YJ
NC				002	51NTS0	532-000	UNIT	04-006-002	1	J5				336-007	JACK/UNIT	(TMSU2)				NC					005					
NC				100						NC				000	300SS0	332-000	UNIT	04-007-000	13,YG	NC					103					
NC				101						NC				001	31NTS0	332-000	UNIT	04-007-002	13,YG	NC					104					
NC				102						NC				102						NC					105					
.....J1				536-007	JACK/UNIT	(TMSU2)				J5				336-007	JACK/UNIT	(TMSU2)				J12					836-006	JACK/UNIT	(TMSU2)			
NC				000	500SS0	532-000	UNIT	04-007-000	1	NC				000	300SS0	332-000	UNIT	04-007-000	13,YG	NC					003	800SS0	832-000	UNIT	04-006-003	13,YJ
NC				001						NC				001						NC					004	81NTSE	832-000	UNIT	04-006-005	13,YJ
NC				002	51NTS0	532-000	UNIT	04-007-002	1	NC				002	31NTS0	332-000	UNIT	04-007-002	13,YG	NC					005					
NC				100						NC				100						NC					103					
NC				101						NC				101						NC					104					
NC				102						NC				102						NC					105					
.....J2				636-006	JACK/UNIT	(TMSU2)				J6				836-006	JACK/UNIT	(TMSU2)				J12					836-007	JACK/UNIT	(TMSU2)			
NC				000	600SS0	632-000	UNIT	04-006-000	1	NC				000	800SS0	832-000	UNIT	04-006-000	13,YG	NC					003	800SS0	832-000	UNIT	04-007-003	13,YJ
NC				001						NC				001	81NTS0	832-000	UNIT	04-006-002	13,YG	NC					004	81NTSE	832-000	UNIT	04-007-005	13,YJ
NC				002	61NTS0	632-000	UNIT	04-006-002	1	NC				002						NC					005					
NC				100						NC				100						NC					103					
NC				101						NC				101						NC					104					
NC				102						NC				102						NC					105					
.....J2				636-007	JACK/UNIT	(TMSU2)				J6				836-007	JACK/UNIT	(TMSU2)				J13					519-006	JACK/UNIT	(TMSU2)			
NC				000	600SS0	632-000	UNIT	04-007-000	1	NC				000	800SS0	832-000	UNIT	04-007-000	13,YG	NC					003	500SS1	515-000	UNIT	04-006-000	1
NC				001						NC				001	81NTS0	832-000	UNIT	04-007-002	13,YG	NC					004	51NTS1	515-000	UNIT	04-006-002	1
NC				002	61NTS0	632-000	UNIT	04-007-002	1	NC				002						NC					005					
NC				100						NC				100						NC					103					
NC				101						NC				101						NC					104					
NC				102						NC				102						NC					105					
.....J3				436-006	JACK/UNIT	(TMSU2)				J9				436-006	JACK/UNIT	(TMSU2)				J13					519-007	JACK/UNIT	(TMSU2)			
NC				000	400SS0	432-000	UNIT	04-006-000	1	NC				003	400SS0	432-000	UNIT	04-006-003	1,ZB	NC					000	500SS1	515-000	UNIT	04-007-000	1
NC				001						NC				004	41NTSE	432-000	UNIT	04-006-005	1,ZB	NC					001	51NTS1	515-000	UNIT	04-007-002	1
NC				002	41NTS0	432-000	UNIT	04-006-002	1	NC				005						NC					002					
NC				100						NC				103						NC					103					
NC				101						NC				104						NC					104					
NC				102						NC				105						NC					105					
.....J3				436-007	JACK/UNIT	(TMSU2)				J9				436-007	JACK/UNIT	(TMSU2)				J13					519-007	JACK/UNIT	(TMSU2)			
NC				000	400SS0	432-000	UNIT	04-007-000	1	NC				003	400SS0	432-000	UNIT	04-007-003	1,ZB	NC					000	500SS1	515-000	UNIT	04-007-000	1
NC				001						NC				004	41NTSE	432-000	UNIT	04-007-005	1,ZB	NC					001	51NTS1	515-000	UNIT	04-007-002	1
NC				002	41NTS0	432-000	UNIT	04-007-002	1	NC				005						NC					002					
NC				100						NC				103						NC					103					
NC				101						NC				104						NC					104					
NC				102						NC				105						NC					105					
.....J4				736-006	JACK/UNIT	(TMSU2)				J10				736-006	JACK/UNIT	(TMSU2)				J14					619-006	JACK/UNIT	(TMSU2)			

[illegible]

CAD 254 (CONT'D)										CAD 254 (CONT'D)										CAD 254 (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
.....J30										J36										J40									
NC				000	100SS0	132-000 UNIT	04-007-000	13,YN		NC				005	21NTS0	215-000 UNIT	04-006-005	13,YM		NC				103					
NC				001						NC				100						NC				104					
NC				002	11NTS0	132-000 UNIT	04-007-002	13,YN		NC				101						NC				105					
NC				003	100SSE	132-000 UNIT	04-007-003	13,YP		NC				102						NC									
NC				004						NC				103						NC									
NC				005	11NTSE	132-000 UNIT	04-007-005	13,YP		NC				104						NC									
NC				100						NC				105						NC									
NC				101						NC										NC									
NC				102						NC										NC									
NC				103						NC										NC									
NC				104						NC										NC									
NC				105						NC										NC									
.....J32										J36										J42									
NC				000	100SS1	115-000 UNIT	04-006-000	13,YN		NC				000	200SS1	215-000 UNIT	04-007-000	13,YK		NC				000	100SS0	1032-000 UNIT	04-006-000	13,YN	
NC				001						NC				001						NC				001					
NC				002	11NTS1	115-000 UNIT	04-006-002	13,YN		NC				002	21NTS1	215-000 UNIT	04-007-002	13,YK		NC				002	101NTS0	1032-000 UNIT	04-006-002	13,YN	
NC				003	100SS0	115-000 UNIT	04-006-003	13,YP		NC				003	200SS0	215-000 UNIT	04-007-003	13,YM		NC				003	100SSE	1032-000 UNIT	04-006-003	13,YP	
NC				004						NC				004						NC				004					
NC				005	11NTS0	115-000 UNIT	04-006-005	13,YP		NC				005	21NTS0	215-000 UNIT	04-007-005	13,YM		NC				005	101NTSE	1032-000 UNIT	04-006-005	13,YP	
NC				100						NC				100						NC				100					
NC				101						NC				101						NC				101					
NC				102						NC				102						NC				102					
NC				103						NC				103						NC				103					
NC				104						NC				104						NC				104					
NC				105						NC				105						NC				105					
.....J32										J38										J42									
NC				000	100SS1	115-000 UNIT	04-007-000	13,YN		NC				000	900SS0	932-000 UNIT	04-006-000	13,YK		NC				000	100SS0	1032-000 UNIT	04-007-000	13,YN	
NC				001						NC				001						NC				001					
NC				002	11NTS1	115-000 UNIT	04-007-002	13,YN		NC				002	91NTS0	932-000 UNIT	04-006-002	13,YK		NC				002	101NTS0	1032-000 UNIT	04-007-002	13,YN	
NC				003	100SS0	115-000 UNIT	04-007-003	13,YP		NC				003	900SSE	932-000 UNIT	04-006-003	13,YM		NC				003	100SSE	1032-000 UNIT	04-007-003	13,YP	
NC				004						NC				004						NC				004					
NC				005	11NTS0	115-000 UNIT	04-007-005	13,YP		NC				005	91NTSE	932-000 UNIT	04-006-005	13,YM		NC				005	101NTSE	1032-000 UNIT	04-007-005	13,YP	
NC				100						NC				100						NC				100					
NC				101						NC				101						NC				101					
NC				102						NC				102						NC				102					
NC				103						NC				103						NC				103					
NC				104						NC				104						NC				104					
NC				105						NC				105						NC				105					
.....J34										J38										J44									
NC				000	200SS0	232-000 UNIT	04-006-000	13,YK		NC				000	900SS0	932-000 UNIT	04-007-000	13,YK		NC				000	100SS1	1015-000 UNIT	04-006-000	13,YN	
NC				001						NC				001						NC				001					
NC				002	21NTS0	232-000 UNIT	04-006-002	13,YK		NC				002	91NTS0	932-000 UNIT	04-007-002	13,YK		NC				002	101NTS1	1015-000 UNIT	04-006-002	13,YN	
NC				003	200SSE	232-000 UNIT	04-006-003	13,YM		NC				003	900SSE	932-000 UNIT	04-007-003	13,YM		NC				003	100SS0	1015-000 UNIT	04-006-003	13,YP	
NC				004						NC				004						NC				004					
NC				005	21NTSE	232-000 UNIT	04-006-005	13,YM		NC				005	91NTSE	932-000 UNIT	04-007-005	13,YM		NC				005	101NTS0	1015-000 UNIT	04-006-005	13,YP	
NC				100						NC				100						NC				100					

	0	1	2	3	4	5	6	7	8	9	
	CAD 254 (CONT'D)					CAD 255 (CONT'D)					
A	TO CONNECTION					FROM CONNECTION					A
	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
B	J46				1136-006	JACK/UNIT	(TMSU2).....				
	NC				000	1100SS0	1132-000 UNIT	04-006-030	13,Y0		
	NC				001	111NTS0	1132-000 UNIT	04-006-002	13,Y0		
	NC				003	1100SSE	1132-000 UNIT	04-006-003	13,YR		
	NC				004						
	NC				005	111NTSE	1132-000 UNIT	04-006-005	13,YR		
	NC				100						
	NC				101						
	NC				102						
	NC				103						
	NC				104						
	NC				105						
C	J46				1136-007	JACK/UNIT	(TMSU2).....				
	NC				000	1100SS0	1132-000 UNIT	04-007-000	13,Y0		
	NC				001	111NTS0	1132-000 UNIT	04-007-002	13,Y0		
	NC				003	1100SSE	1132-000 UNIT	04-007-003	13,YR		
	NC				004						
	NC				005	111NTSE	1132-000 UNIT	04-007-005	13,YR		
	NC				100						
	NC				101						
	NC				102						
	NC				103						
	NC				104						
	NC				105						
D	J48				1119-006	JACK/UNIT	(TMSU2).....				
	NC				000	1100SS1	1115-000 UNIT	04-006-000	13,Y0		
	NC				001						
	NC				002	111NTS1	1115-000 UNIT	04-006-002	13,Y0		
	NC				003	1100SS0	1115-000 UNIT	04-006-003	13,YR		
	NC				004						
	NC				005	111NTS0	1115-000 UNIT	04-006-005	13,YR		
	NC				100						
	NC				101						
	NC				102						
	NC				103						
	NC				104						
	NC				105						
E	J48				1119-007	JACK/UNIT	(TMSU2).....				
	NC				000	1100SS1	1115-000 UNIT	04-007-000	13,Y0		
	NC				001						
	NC				002	111NTS1	1115-000 UNIT	04-007-002	13,Y0		
	NC				003	1100SS0	1115-000 UNIT	04-007-003	13,YR		
	NC				004						
	NC				005	111NTS0	1115-000 UNIT	04-007-005	13,YR		
	NC				100						
	NC				101						
	NC				102						
	NC				103						
	NC				104						
	NC				105						
F											
G											
	CAD 255 DUAL FABRIC OPTION										
	TO CONNECTION					FROM CONNECTION					
	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
H	J1				528-134	JACK/UNIT	(CMCU).....				
	NC				000	GRD	524-000 UNIT	04-134-000			
	NC				001						
	NC				002						