

SHEET INDEX

CONTENTS	SHEET NO.		SHEET ISSUE NO.
	PRIOR TO ISSUE 2	CURRENT ISSUE	
SHEET INDEX SUPPORTING INFORMATION OPTION INDEX	A1	A1	6
SHEET INDEX (CONT)	A2	A2	6
SHEET NUMBER CANCELLED ON DWG ISS 2A	A#1	A#1	
	A#2	A#2	
DESIGNATION MNEMONICS INDEX		A3	6
		A4	2,4,5
		A5	2,4,5
		A6	2,4,5
		A7	6
APPARATUS INDEX INTERFRAME LEAD INDEX	A#3	A8	2,4,5
INTERFRAME LEAD (CONT)	A#4	A9	2,4,5
	A#5	A10	6
INTRAFRAME LEAD INDEX	A#6	A11	6
	A#7	A12	6
	A#8	A13	2,4,5
		A14	6
		A15	6
		A16	2,4,5
		A17	2,4,5
FS 1 0 MESSAGE INTERFACE BUS		B1AA	2,4,5
		B1AB	2,4,5
		B1AC	2,4,5
		B1AD	2,4,5
	B#1CA	B1CA	2,4,5
	B#1CB	B1CB	2,4,5
		B1CC	2,4,5
		B1CD	2,4,5
		B1GA	2
FS 2 1 MESSAGE INTERFACE BUS		B2AA	2,4,5
		B2AB	2,4,5
		B2AC	2,4,5
		B2AD	2,4,5
	B#2CA	B2CA	2,4,5
	B#2CB	B2CB	2,4,5
		B2CC	2,4,5
		B2CD	2,4,5

CONTENTS	SHEET NO.		SHEET ISSUE NO.
	PRIOR TO ISSUE 2	CURRENT ISSUE	
FS 2 1 MESSAGE INTERFACE BUS			
	B#2GA	B2GA	2
FS 3 0 INPUT/OUTPUT MICROPROCESSOR INTERFACE		B3AA	2,4,5
		B3AB	2,4,5
		B3AC	2,4,5
	B#3CA	B3CA	2,4,5
	B#3CB	B3CB	2,4,5
	B#3CC	B3CC	2,4,5
	B#3CD	B3CD	2,4,5
	B#3CE	B3CE	2,4,5
	B#3CF	B3CF	2,4,5
	B#3CG	B3CG	2,4,5
		B3CH	2,4,5
		B3GA	2
FS 4 1 INPUT/OUTPUT MICROPROCESSOR INTERFACE		B4AA	2,4,5
		B4AB	2,4,5
		B4AC	2,4,5
	B#4CA	B4CA	2,4,5
	B#4CB	B4CB	2,4,5
	B#4CC	B4CC	2,4,5
	B#4CD	B4CD	2,4,5
	B#4CE	B4CE	2,4,5
	B#4CF	B4CF	2,4,5
	B#4CG	B4CG	2,4,5
		B4CH	2,4,5
		B4GA	2

CONTENTS	SHEET NO.		SHEET ISSUE NO.
	PRIOR TO ISSUE 2	CURRENT ISSUE	
FS 5 0 CONTROL & DIAGNOSTIC ACCESS		B5AA	2,4,5
		B5AB	2,4,5
		B5AC	2,4,5
	B#5CA	B5CA	2,4,5
	B#5CB	B5CB	2,4,5
	B#5CC	B5CC	2,4,5
		B5CD	2,4,5
		B5CE	2,4,5
		B5CA	2
FS 6 1 CONTROL & DIAGNOSTIC ACCESS		B6AA	2,4,5
		B6AB	2,4,5
		B6AC	2,4,5
	B#6CA	B6CA	2,4,5
	B#6CB	B6CB	2,4,5
	B#6CC	B6CC	2,4,5
		B6CD	2,4,5
		B6CE	2,4,5
		B6CA	2
FS 7 0 NETWORK CLOCK TIMING		B7A*	6
	B#7CA	B7CA	6
		B7CB	6
		B7CA	2

OPTION INDEX			
APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
Z	STD 1		APP FIG. 2
3	STD 4B		APP FIG. 3
Z	STD 5B		5/1, 6/1, CADS 016A, 017A, 023A, 025A
Y	STD 5B		7/1, 6/1, CADS 007-010(E)
X	STD 5B		1, 2/4, 3/1, 5, 4/1, 5-8/1, CADS 001-004, 015A, 031A, 052A, 054A, 067, 070-081, 084-087
W	STD 5B		9/11, 10/11, CADS 016G, 017B, 023C, 029C
V	STD 5B		CADS 007-010(B)
U	STD 5B		1, 2/4, 5-9/1, 9, 10/5
T	STD 5B		1, 2, 5, 6/6, 7, 8/2, CADS 001-004(B), 015U, 031B, 052U
S	STD 5B		1/4, 6, 7, 2/4, 6, 7, 6/7, 9/5-8, 11, 10/5-8, 11, CADS 005A, 006A, 011, 014(A), 100A, 106A, 114A, 116A
R	STD 5B		7, 8/2, CA 5 005B, 006B, 011-014(B)
Q	STD 5B		7, 8/2, 9/5-8, 11, CADS 152-157, 100B, 106G, 114B, 116G
P	STD 5B		1, 2, 5, 6/6, 7, 8/2, 9, 10/11
N	STD 5B		7, 8/2, CADP 162-173
M	STD 5B		7, 8/2, CADS 174-189
K	STD 5B		7, 8/2, CADS 198-161
J	STD 5B		1/1-4, 2/1-4, 5/1, 2, 6/1, 2, 6, 9/1-4, 6, 7, 10/1-4, 6, 7, CADS 023B, 024A, 025B, 026-050(A), 034-056(A), 058-040(A), 042-048(A), 046-048(B), 100A, 106A, 114A, 116A
G	STD 5B		1/1-3, 6, 2/1-3, 6, 5/2, 6, 6/1, 2, 6, 7, 6/2, 9/1-4, 6, 7, 10/1-4, 6, 7, CADS 023D, 024B, 025D, 026-030(B), 034-056(B), 058-040(B), 042-048(B), 046-048(B), 100(B, C), 106(B, C), 116(B, C)
F	STD 5B		9/5-8, 11, 10/5-8, 11, CADS 100C, 106C, 114C, 116C
E	STD 5B		7, 8/2 CAD 117

DATE ISSUE	CD ISSUE	DATE ISSUED	DATE	CD
1	1	8-5-82		
2A	2	3-1-85		
3D	2	3-1-85		
4B	2	5-1-85		
5B	2	5-1-85		
6M	2 APP IM	1-7-87		

SUPPORTING INFORMATION		Copyright © 1987 AT&T All Rights Reserved	
CATEGORY	NO.		
EQUIPMENT DRAWING	J50006C-1		
FAN UNIT	J50003AF-1.1.1		
FUSE PANEL UNIT	J50003AM-1.1.1		
MESSAGE INTERFACE/ CLOCK UNIT	J50006AA-1	ATIS	
MESSAGE SWITCH CONTROL UNIT	J50006AB-1	DESIGN SWITCHING EQUIPMENT MESSAGE SWITCH CABINET CIRCUIT	
MESSAGE SWITCH	J50006AD-1		
PERIPHERAL UNIT	J50006AF-1		
MESSAGE SWITCH			
PERIPHERAL UNIT, MODEL 2	J50003AU-1.1.4		
FUSE PANEL UNIT	J50006ED-1		
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2			
		* TRADEMARK OF AT&T TECHNOLOGIES	
		DWG SIZE 65	ISSUE 6M
		AT&T BELL LABORATORIES	SHEET AT OF 150
		SD-5D/46-01	

SHEET INDEX (CONT)			
CONTENTS	SHEET NO.		SHEET ISSUE NO.
	PRIOR TO ISSUE 2	CURRENT ISSUE	
FS 10 1 POWER ACCESS (CONT)			
		B10GA	2
APP FIG. 1,2,3	C#1	C1	4
CIRCUIT NOTES EQUIPMENT NOTES INFORMATION NOTES	D1	D1	4
	D#1	D2	4,5

CONTENTS	SHEET NO.		SHEET ISSUE NO.
	PRIOR TO ISSUE 4	CURRENT ISSUE	
CAD NOTES	GB1	GB1	2,5
CAD 001A,001B,002A,002B, 003A,003B,004A,004B,005A, 005B	GB2	GB2	6
CAD 006A,006B,007A,007B, 008A,008B,009A,009B,010A, 010B	GB3	GB3	6
CAD 011A,011B,012A,012B, 013A,013B,014A,014B,015A, 015B	GB4	GB4	2,5
P/O CAD 015B,CAD 016A, 016B,017A,017B,023A,P/O CAD 023B	GB5	GB5	2,5
P/O CAD 023B,CAD 023C, CAD 023D,024A,024B	GB6	GB6	2,5
CAD 025A,025B,025C,025D, P/O CAD 026A	GB7	GB7	2,5
P/O CAD 026A,CAD 026B, 027A,027B,028A	GB8	GB8	2,5
CAD 028B,029A,029B,030A, P/O CAD 030B	GB9	GB9	2,3,5
P/O CAD 030B,CAD 031A, 031B,032A,032B,034A	GB10	GB10	2,5
CAD 034B,035A,035B,036A, 036B,038A,038B	GB11	GB11	2,5
CAD 039A,039B,040A,040B, 042A,042B,043A	GB12	GB12	2,5
CAD 043B,044A,044B,046A, 046B,047A,047B	GB13	GB13	2,5
CAD 048A,048B,054,055	GB14	GB14	2,5
CAD 056,057,058	GB15	GB15	2,5
CAD 059,060,061	GB16	GB16	2,5
CAD 062,063,064	GB17	GB17	2,5
CAD 065,070,071,P/O CAD 072	GB18	GB18	2,5
P/O CAD 072,CAD 073,074, P/O CAD 075	GB19	GB19	2,5
P/O CAD 075,CAD 076,077, P/O CAD 078	GB20	GB20	2,5
P/O CAD 078,CAD 079,080, P/O CAD 081	GB21	GB21	2,5
P/O CAD 081,CAD 084,085, 086,087,088A,088B,089A	GB22	GB22	2,5
CAD 089B,090A,090B,091A, 091B,092A,092B,093,094A	GB23	GB23	2,5
CAD 094B,095A,095B,096A, 096B,097A,097B,098A,098B	GB24	GB24	2,5
CAD 099,100A,100B,P/O CAD 100C	GB25	GB25	6
P/O CAD 100C,CAD 106A, 106B,P/O CAD 106C	GB26	GB26	6
P/O CAD 106C,CAD 112,113, P/O CAD 114A	GB27	GB27	6
P/O CAD 114A, CAD 114B	GB28	GB28	6
CAD 114C, P/O CAD 116A	GB29	GB29	6
CAD 116B, P/O CAD 116C	GB30	GB30	6
P/O CAD 116C, P/O CAD 117	GB31	GB31	6
P/O CAD 117, CAD 118,119, 120,121,122	GB32	GB32	6
CAD 123,124,125,126,127,128	GB33	GB33	6
CAD 129,130,131	GB34	GB34	6
CAD 132,133,134	GB35	GB35	6
CAD 135,136,137	GB36	GB36	6
CAD 138,139,140	GB37	GB37	6
CAD 141,142,143,144A	GB38	GB38	6
CAD 144B,145A,145B,146A, 146B,147A,147B,148	GB39	GB39	6
CAD 149,150,151,152,153, 154,155,156	GB40	GB40	6

CONTENTS	SHEET NO.		SHEET ISSUE NO.
	PRIOR TO ISSUE 4	CURRENT ISSUE	
CAD 157,158,159,160,161, 162,163,164,165,166,167	GB41	GB41	6
CAD 168,169,170,171,172, 173,174,175,176,177,178, 179	GB42	GB42	6
CAD 180,181,182,183,184, 185,186,187,188,189	GB43	GB43	6
BD 1 CIRCUIT BLOCK DIAGRAM		H1	2
BD 2 CIRCUIT BLOCK DIAGRAM		H2	2

MESSAGE SWITCH CABINET			
DWG SIZE	ISSUE	SHEET	
		A1	A2
AS	6M		
SD-50146-01			

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION
-48V011(A-C)	9/6	-48V FEED TO FAN UNIT SIDE 0 FANS (A-C)
-48V011(D-F)	9/7	-48V FEED TO FAN UNIT SIDE 1 FANS (D-F)
-48V019	9/5	-48V FEED TO MESSAGE INTERFACE/CLOCK UNIT SIDE 0
-48V019(A-C)	9/11	-48V FEED TO MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 SIDE 0
-48V028,36,53	9/2-4	-48V FEED TO SIDE 0 MESSAGE SWITCH PERIPHERAL UNIT COMMUNITIES (1-3)
-48V045(A,B)	9/1	-48V FEED TO SIDE 0 MESSAGE SWITCH CONTROL UNIT
-48V062(A,B)	9/7,10	-48V FEED TO MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2 SIDE 0
-48V111(A-C)	10/6	-48V FEED FROM FUSE PANEL TO FAN UNIT FANS (A-C)
-48V111(D-F)	10/7	-48V FEED FROM FUSE PANEL TO FAN UNIT FANS (D-F)
-48V119(A-C)	10/11	-48V FEED TO MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 SIDE 1
-48V119,28,36,53	10/2-5	-48V FEED TO SIDE 1 COMMUNITIES (1-3)
-48V145(A,B)	10/1	-48V FEED TO SIDE 1 MESSAGE SWITCH CONTROL UNIT
-48V162(A,B)	10/7,10	-48V FEED TO MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2 SIDE 1
ALH0(11,19,28,36,45,53,62A,62B)	9/6,7	FUSE ALARM (011,019,028,036,045,053,062A,062B)
ALH1(11,19,28,36,45,53,62A,62B)	10/4,6,7,10	FUSE ALARM (111,119,128,136,145,153,162A,162B)
B000(S,SR)	9/1	BAY 0 OUT OF SERVICE AND RETURN
B0RQ1(P,PR)	9/1	BAY 0 REQUEST IN PROGRESS AND RETURN
B0SC(X,XR)	9/1	BAY 0 SCAN X AND RETURN
B0SC(Y,YR)	9/1	BAY 0 SCAN Y AND RETURN
B100(S,SR)	10/1	BAY 1 OUT OF SERVICE AND RETURN
B1RQ1(P,PR)	10/1	BAY 1 REQUEST IN PROGRESS AND RETURN
B1SC(X,XR)	10/1	BAY 1 SCAN X AND RETURN
B1SC(Y,YR)	10/1	BAY 1 SCAN Y AND RETURN
BSRF(00,01,10,11)	7/2	BELL SYSTEM REFERENCE FREQUENCY (00,01,10,11)
CLK(4MHZ,4MHZR)	1,2/4	CLOCK 4 MHZ AND RETURN
GRD(A,B)	7/1	GROUND
LED(01-03,11-13)A	9/6,8,10/6,8	FAN UNIT A FRAME LED SIDES (0,1)
LED(01,03,04,11,13,14)B	9/6,8,10/6,8,113	FAN UNIT B FRAME LED SIDES (0,1)

MNEMONIC	ES/SYM	DEFINITION
MATE(EN,ENR)	1/4	MANUAL TEST ENABLE AND RETURN
NCKAL(0,1)	7,8/2	NETWORK CLOCK 2 FUSE ALARM ON MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 SIDES 0,1
OOS3BR(0,1)	9/11	NETWORK CLOCK 2 OUT OF SERVICE TO 3B RETURN LEAD.
OOS3B(0,1)	9/11	NETWORK CLOCK 2 OUT OF SERVICE TO 3B LEAD.
PU(5V,5VR)	1,2/4	5 VOLT POWER AND RETURN
(R,R-SP,R-TTYA, R-TTYB)	9/6	JACK PANEL TELETYPE ASSIGNMENTS
REF(1-8)(N,P)	7/2	DIGITAL SIGNAL 1 INPUT REFERENCES POSITIVE AND NEGATIVE RAIL (1-8)
RTMRES(0,1)	9,10/8	FAN 0 RESET FROM IOP 0 AND 1
RTNSEN(0,1)	9,10/8	FAN 0 SCAN POINT TO IOP 0 AND 1
RTN011(A-C)	9/6	-48V RETURN TO FAN UNIT SIDE 0 FANS (A-C)
RTN011(D-F)	9/7	-48V RETURN TO FAN UNIT SIDE 1 FANS (D-F)
RTN0(19,28,36,53)	9/2-5	-48V RETURN SIDE 0 COMMUNITIES (1-3)
RTN019(A-C)	9/11	-48V RETURN TO MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 SIDE 0 (A-C)
RTN045(A,B)	9/1	-48V RETURN TO SIDE 0 MESSAGE SWITCH CONTROL UNIT (A,B)
RTN062(A,B)	9/7	-48V RETURN TO SIDE 0 MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2 (A,B)
RTN111(A-C)	10/6	-48V RETURN FROM FUSE PANEL TO FAN UNIT FANS (A-C)
RTN111(D-F)	10/7	-48V RETURN FROM FUSE PANEL TO FAN UNIT FANS (D-F)
RTN1(19,28,36,53)	10/2-5	-48V RETURN TO SIDE 1 COMMUNITIES (1-3)
RTN119(A-C)	10/11	-48V RETURN TO MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 SIDE 1 (A-C)
RTN145(A,B)	10/1	-48V RETURN TO SIDE 1 MESSAGE SWITCH CONTROL UNIT (A,B)
RTN162(A,B)	10/7	-48V RETURN TO SIDE 1 MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2 (A,B)
(R1,R1-TTYA, R1-TTYB,S-SP)	9/6	JACK PANEL TELETYPE ASSIGNMENTS
SC(X,Y)3BR(0,1)	9/11	NETWORK CLOCK 2 SCAN X,Y TO 3B SIDE 0,1 RETURN FROM MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 SIDE 0
SC(X,Y)3B(0,1)	9/11	NETWORK CLOCK 2 SCAN X,Y TO 3B SIDE 0,1 FROM MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 SIDE 0
SLY3BR1	10/11	NETWORK CLOCK 2 SCAN Y TO 3B SIDE 1 FROM MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 SIDE 1
SPARE0(10-88)	CADS	SPARES

MNEMONIC	ES/SYM	DEFINITION
SPARE(410-583)	3/5,6	SPARES
S1-TTY(A,B)	9/6	JACK PANEL TELETYPE ASSIGNMENTS
TB1(N,P)	7/2	NETWORK CLOCK 2 TIME BASE X COUPLE NEGATIVE, POSITIVE RAIL TO/FROM MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 SIDES 0 TO/FROM MESSAGE INTERFACE/CLOCK UNIT, MODEL 2-1
TB1N(N,P)	8/2	NETWORK CLOCK 2 TIME BASE X COUPLE NEGATIVE, POSITIVE RAIL TO/FROM MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 SIDES 0 TO/FROM MESSAGE INTERFACE/CLOCK UNIT, MODEL 2-1
(T,T-SP,T-TTYA, T-TTYB)	9/6	JACK PANEL TELETYPE ASSIGNMENTS
(T1,T1-TTYA, T1-TTYB)	9/6	JACK PANEL TELETYPE ASSIGNMENTS
XC2K(R,T)	7/1	NETWORK CLOCK 2KHZ CROSS-COUPLE TRANSMIT AND RECEIVE
OCINT(1-5)0	3/5	SIDE 0 INTERRUPT FROM COMMUNITY(1-5)0
OCC0CIN(N,P)	5/1	SIDE 0 CLOCK CENTRAL PROCESSOR INTERVENTION POSITIVE AND NEGATIVE
OCCLK00(N,P)	3/1	SIDE 0 CLOCK OUT FROM 3B0 POSITIVE AND NEGATIVE
OCCLK10(N,P)	3/1	SIDE 0 CLOCK OUT FROM 3B1 POSITIVE AND NEGATIVE
OCCLRPC(1-5)0	3/5	SIDE 0 CLEAR PROCESSORS IN COMMUNITY(1-5)0
OCPI(N,P)	5/1	SIDE 0 CENTRAL PROCESSOR INTERVENTION
OCSA1(0-3)0	3/2	SIDE 0 CONTROL SIGNAL ACKNOWLEDGE COMMUNITY 1 PERIPHERAL CONTROLLER(0-3)0532
OCSA2(0-3)0	3/3	SIDE 0 CONTROL SIGNAL ACKNOWLEDGE COMMUNITY 2 PERIPHERAL CONTROLLER(0-3)0
OCSA3(0-3)0	3/4	SIDE 0 CONTROL SIGNAL ACKNOWLEDGE COMMUNITY 3 PERIPHERAL CONTROLLER(0-3)0
OCSA4(0,1)0	3/5,6	SIDE 0 CONTROL SIGNAL ACKNOWLEDGE COMMUNITY 4 PERIPHERAL CONTROLLER (0,1)0
OCSA5(0,1)0	3/6	SIDE 0 CONTROL SIGNAL ACKNOWLEDGE COMMUNITY 5 PERIPHERAL CONTROLLER (0,1)0
ODAH0B(N,P)	3/1	SIDE 0 DATA HIGH FROM 3B0 POSITIVE AND NEGATIVE
ODAH1(N,P)	3/1	SIDE 0 DATA HIGH FROM 3B1 POSITIVE AND NEGATIVE
ODAL0B(N,P)	3/1	SIDE 0 DATA LOW FROM 3B0 POSITIVE AND NEGATIVE
ODAL1B(N,P)	3/1	SIDE 0 DATA LOW FROM 3B1 POSITIVE AND NEGATIVE
ODMAD1(0-8)1	3/2	SIDE 0 DIRECT MEMORY ADDRESS COMMUNITY 1(0-8)1
ODMAD2(0-8)1	3/3	SIDE 0 DIRECT MEMORY ADDRESS

MNEMONIC	ES/SYM	DEFINITION
ODMAD3(0-8)1	3/4	SIDE 0 DIRECT MEMORY ADDRESS COMMUNITY 3(0-8)1
ODMAD4(0-8)1	3/5,6	SIDE 0 DIRECT MEMORY ADDRESS COMMUNITY 4(0-8)1
ODMAD5(0-8)1	3/6	SIDE 0 DIRECT MEMORY ADDRESS COMMUNITY 5(0-8)1
ODMAUC(1-5)0	3/5	SIDE 0 DIRECT MEMORY ACCESS OPERATION COMPLETE COMMUNITY(1-5)0
ODMARD(1-5)0	3/5	SIDE 0 DIRECT MEMORY ACCESS READ COMMUNITY(1-5)0
ODMARD(1-5)0	3/5	SIDE 0 DIRECT MEMORY ACCESS REQUEST COMMUNITY(1-5)0
ODMAWR(1-5)0	3/5	SIDE 0 DIRECT MEMORY ACCESS WRITE COMMUNITY(1-5)0
ODMA1(00-15)1	3/5	SIDE 0 DIRECT MEMORY COMMUNITY 1 DATA(00-15)1
ODMA2(00-15)1	3/5	SIDE 0 DIRECT MEMORY COMMUNITY 2 DATA(00-15)1
ODMA3(00-15)1	3/5	SIDE 0 DIRECT MEMORY COMMUNITY 3 DATA(00-15)1
ODMA4(00-15)1	3/5	SIDE 0 DIRECT MEMORY COMMUNITY 4(00-15)1
ODMA5(00-15)1	3/5	SIDE 0 DIRECT MEMORY COMMUNITY 5(00-15)1
OER1(0-3)0	3/2	SIDE 0 ERROR SIGNAL FROM COMMUNITY 1 PROCESSOR(0-3)0
OER2(0-3)0	3/3	SIDE 0 ERROR SIGNAL FROM COMMUNITY 2 PROCESSOR(0-3)0
OER3(0-3)0	3/4	SIDE 0 ERROR SIGNAL FROM COMMUNITY 3 PROCESSOR(0-3)0
OER(4,5)(0,1)	3/6	SIDE 0 ERROR SIGNAL FROM COMMUNITY 4 AND 5 PROCESSOR (0,1)
OGRD019	7/1	SIDE 0 GROUND FOR MESSAGE INTERFACE/CLOCK UNIT
OGRD028(0-3)	3/3	SIDE 0 GROUND FOR MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2
OGRD036(0-3)	3/4	SIDE 0 GROUND FROM MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3
OGRD045(0-3)	3/5	SIDE 0 GROUND FOR MESSAGE SWITCH CONTROL UNIT
OGRD053(0-3)	3/2	SIDE 0 GROUND FOR MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1
OINT1(0-3)0	3/2	SIDE 0 INTERRUPT FROM COMMUNITY 1 PROCESSOR(0-3)0
OINT2(0-3)0	3/3	SIDE 0 INTERRUPT FROM COMMUNITY 2 PROCESSOR(0-3)0

COPYRIGHT (C) 1987 AT&T ALL RIGHTS RESERVED		
MESSAGE SWITCH CABINET		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 6M
SD-5D146-01		A3

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
OINT3(0-3)0	3/4	SIDE 0 INTERRUPT FROM COMMUNITY 3 PROCESSOR(0-3)0	ORE00B(N,P)	3/1	SIDE 0 REQUEST FROM 380 POSITIVE AND NEGATIVE	OSCX(3B,3BR)	9/5	SIDE 0 SCAN X MESSAGE INTERFACE CLOCK UNIT(3B,3BR)	OTHSIN(N,P)	5/1	SIDE 0 TMS IN POSITIVE AND NEGATIVE
OINT4(0,1)0	3/6	SIDE 0 INTERRUPT FROM COMMUNITY 4 PROCESSOR(0-1)0	ORE01B(N,P)	3/1	SIDE 0 REQUEST FROM 381 POSITIVE AND NEGATIVE	OSCY	9/11	SIDE 0 SCAN Y	OTHSINT(N,P)	5/1	SIDE 0 TMS INTERRUPT POSITIVE AND NEGATIVE
OINT5(0,1)0	3/6	SIDE 0 INTERRUPT FROM COMMUNITY 5 PROCESSOR(0,1)0	ORISL8(1-5)0	3/5	SIDE 0 RESET ISOLATE COMMUNITY(1-5)0	OSCY(B,BR)	9/1	SIDE 0 SCAN Y MESSAGE SWITCH CONTROL UNIT(B,BR)	OTHSOUT(N,P)	5/1	SIDE 0 TMS OUT POSITIVE AND NEGATIVE
DOOL(1-5)0	3/2-4,6	SIDE 0 OUT OF LEVEL FROM COMMUNITY(1-5)0	OROI(P,PR)	9/5	SIDE 0 REQUEST IN PROGRESS AND RETURN	OSCYMS(1,1R)	9/2	SIDE 0 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1 AND RETURN	OTHSROY(N,P)	5/1	SIDE 0 TMS READY POSITIVE AND NEGATIVE
DOOS(S,5BR)	9/1,5	SIDE 0 OUT OF SERVICE MESSAGE SWITCH CONTROL UNIT	OROI(P,BR)	9/1	SIDE 0 REQUEST IN PROGRESS MESSAGE SWITCH CONTROL UNIT(B,BR)	OSCYMS(2,2R)	9/3	SIDE 0 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2 AND RETURN	OTHSROT(N,P)	5/1	SIDE 0 TMS REQUEST POSITIVE AND NEGATIVE
DOOSM(S1,S1R)	9/2	SIDE 0 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1 AND RETURN	ORIPMS(1-5)	9/2-4,9	SIDE 0 REQUEST IN PROGRESS MESSAGE SWITCH PERIPHERAL UNIT COMMUNITIES 1-5	OSCYMS(3,3R)	9/4	SIDE 0 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3 AND RETURN	OTHSRST(N,P)	5/1	SIDE 0 TMS SERVICE REQUEST POSITIVE AND NEGATIVE
DOOSM(S2,S2R)	9/3	SIDE 0 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2 AND RETURN	ORIPMS(1-5)R	9/2-4,9	SIDE 0 REQUEST IN PROGRESS MESSAGE SWITCH PERIPHERAL UNIT COMMUNITIES 1-5 RETURN	OSCYMS(4,4R)	9/9	SIDE 0 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND RETURN	OTHSR(T)	7/1	SIDE 0 TMS 8KHZ CLOCK POSITIVE AND NEGATIVE
DOOSM(S3,S3R)	9/4	SIDE 0 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3 AND RETURN	ORIPM(1-5)	9/2-4,9	SIDE 0 REQUEST IN PROGRESS MESSAGE SWITCH PERIPHERAL UNIT COMMUNITIES 1-5	OSCYMS(5,5R)	9/9	SIDE 0 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	OTRMPAR(N,P)	5/1	SIDE 0 TRANSMIT PARITY POSITIVE AND NEGATIVE
DOOSM(S4,S4R)	9/9	SIDE 0 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND ITS RETURN	ORIPM(1-5)R	9/2-4,9	SIDE 0 REQUEST IN PROGRESS MESSAGE SWITCH PERIPHERAL UNIT COMMUNITIES 1-5 RETURN	OSCYM(1,1R)	9/2	SIDE 0 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1 AND RETURN	OXCLK0(N,P)	3/1	SIDE 0 CLOCK 0 IN POSITIVE AND NEGATIVE
DOOSM(S5,S5R)	9/9	SIDE 0 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND ITS RETURN	ORQIP(3B,3BR)	9/5	SIDE 0 REQUEST IN PROGRESS MESSAGE INTERFACE CLOCK UNIT(3B,3BR)	OSCYM(2,2R)	9/3	SIDE 0 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2 AND RETURN	OXCLK1(N,P)	3/1	SIDE 0 CLOCK 1 IN POSITIVE AND NEGATIVE
DOOSM(1,1R)	9/2	SIDE 0 OUT OF SERVICE MESSAGE PERIPHERAL UNIT COMMUNITY 1 AND RETURN	OSCX	9/11	SIDE 0 SCAN X	OSCYM(3,3R)	9/4	SIDE 0 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3 AND RETURN	OXMITOP	1/4	SIDE 0 FIBER OPTIC TRANSMIT
DOOSM(2,2R)	9/3	SIDE 0 OUT OF SERVICE MESSAGE PERIPHERAL UNIT COMMUNITY 2 AND RETURN	OSCX(B,BR)	9/1	SIDE 0 SCAN X MESSAGE SWITCH CONTROL UNIT(B,BR)	OSCYM(4,4R)	9/9	SIDE 0 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND RETURN	OX25CLK(N,P)	5/1	SIDE 0 BX25 CLOCK POSITIVE AND NEGATIVE
DOOSM(3,3R)	9/4	SIDE 0 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3 AND RETURN	OSCXMS(1,1R)	9/2	SIDE 0 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1 AND RETURN	OSCYM(5,5R)	9/9	SIDE 0 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	OX25ROT(N,P)	5/1	SIDE 0 BX25 RECEIVE DATA POSITIVE AND NEGATIVE
DOOSM(4,4R)	9/9	SIDE 0 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND RETURN	OSCXMS(2,2R)	9/3	SIDE 0 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2 AND RETURN	OSCY(3B,3BR)	9/5	SIDE 0 SCAN Y MESSAGE INTERFACE CLOCK UNIT(3B,3BR)	OX25T(N,P)	5/1	SIDE 0 BX25 TRANSMIT DATA POSITIVE AND NEGATIVE
DOOSM(5,5R)	9/9	SIDE 0 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	OSCXMS(3,3R)	9/4	SIDE 0 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3 AND RETURN	OSCY(4,4R)	9/9	SIDE 0 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND RETURN	QWACD(N,P)	5/2	SIDE 0 TO SIDE 0 SWITCH ACTIVE CONTROL AND DIAGNOSTIC INK POSITIVE AND NEGATIVE
DOOSR	9/5	SIDE 0 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT RETURN	OSCXMS(4,4R)	9/9	SIDE 0 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND RETURN	OSCY(5,5R)	9/9	SIDE 0 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	QODVAL(N,P)	5/2	SIDE 0 TO SIDE 0 DATA VALID POSITIVE AND NEGATIVE
DOO(3B,3BR)	9/5	SIDE 0 OUT OF SERVICE MESSAGE INTERFACE CONTROL UNIT(3B,3BR)	OSCXMS(5,5R)	9/9	SIDE 0 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	OSCY(3B,3BR)	9/5	SIDE 0 SCAN Y MESSAGE INTERFACE CLOCK UNIT(3B,3BR)	QOIDAT(1,1R)	1/1	SIDE 0 TO SIDE 0 DATA COMMUNITY 1 AND RETURN
OPCSL1(0-3)0	3/5	SIDE 0 COMMUNITY SELECT 1 PROCESSOR(0-3)0	OSCXN(1,1R)	9/2	SIDE 0 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1 AND RETURN	OSC(2,2R)	9/11	SIDE 0 SCAN 2 AND RETURN	QOIDAT(2,2R)	1/2	SIDE 0 TO SIDE 0 DATA COMMUNITY 2 AND RETURN
OPCSL2(0-3)0	3/5	SIDE 0 COMMUNITY SELECT 2 PROCESSOR(0-3)0	OSCXN(2,2R)	9/3	SIDE 0 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2 AND RETURN	OSC23(B,BR)	9/5,11	SIDE 0 SCAN 2 TO IOP 0 AND RETURN	QOIDAT(3,3R)	1/3	SIDE 0 TO SIDE 0 DATA COMMUNITY 3 AND RETURN
OPCSL3(0-3)0	3/5	SIDE 0 COMMUNITY SELECT 3 PROCESSOR(0-3)0	OSCXN(3,3R)	9/4	SIDE 0 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3 AND RETURN	OSISL8(1-5)0	3/5	SIDE 0 SET ISOLATE COMMUNITY(1-5)0	QOIDAT(4,4R)	1/5	SIDE 0 TO SIDE 0 DATA COMMUNITY 4 AND RETURN
OPCSL4(0,1)0	3/5	SIDE 0 COMMUNITY SELECT 4 PROCESSOR(0,1)0	OSCXN(4,4R)	9/9	SIDE 0 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND RETURN	OSR1(0-3)0	3/2	SIDE 0 SERVICE REQUEST COMMUNITY 1 PROCESSOR(0-3)0	QOIDAT(5,5R)	1/5	SIDE 0 TO SIDE 0 DATA COMMUNITY 5 AND RETURN
OPCSL5(0,1)0	3/5	SIDE 0 COMMUNITY SELECT 5 PROCESSOR(0,1)0	OSCXN(5,5R)	9/9	SIDE 0 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	OSR2(0-3)0	3/3	SIDE 0 SERVICE REQUEST COMMUNITY 2 PROCESSOR(0-3)0	QOLIINT(N,P)	5/1	SIDE 0 TO SIDE 0 LINK INTERFACE INTERRUPT POSITIVE AND NEGATIVE
OPT1(R,T)	7/1	SIDE 0 PRIMARY T1 LINE TIP AND RING	OSCXN(5,5R)	9/9	SIDE 0 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	OSR3(0-3)0	3/4	SIDE 0 SERVICE REQUEST COMMUNITY 3 PROCESSOR(0-3)0	QOLISEL(N,P)	5/2	SIDE 0 TO SIDE 0 LINK INTERFACE SELECT POSITIVE AND NEGATIVE
ORCVPAR(N,P)	5/1	SIDE 0 RECEIVE PARITY POSITIVE AND NEGATIVE	OSCX(X,Y)R	9/11	SIDE 0 SCAN X,Y AND RETURN	OST1(R,T)	7/1	SIDE 0 SECONDARY T1 TIP AND RING			
ORECVOP	1/4	SIDE 0 RECEIVE FIBER OPTIC				OSYN6M(5,5R)	1/4	SIDE 0 SYNC 6MS AND RETURN			
						OTMSCLK(N,P)	5/1	SIDE 0 TMS CLOCK POSITIVE AND NEGATIVE			
						OTMSEL(N,P)	5/1	SIDE 0 TMS SELECT POSITIVE AND NEGATIVE			
						OTMSGO(N,P)	5/1	SIDE 0 TMS GO POSITIVE AND NEGATIVE			

MESSAGE SWITCH CABINET

DWG SIZE
C2ISSUE
58AT&T
BELL LABORATORIES

SD-5D146-01

A4

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
00MIINT(N,P)	5/1	SIDE 0 TO SIDE 0 MESSAGE INTERFACE INTERRUPT POSITIVE AND NEGATIVE	004MCK(5,5R)	1/4	SIDE 0 TO SIDE 0 4MHZ CLOCK COMMUNITY 5 AND RETURN	01TMSIT(N,P)	6/1	SIDE 0 TO SIDE 1 TMS INTERRUPT POSITIVE AND NEGATIVE	10AL0B(N,P)	4/1	SIDE 1 DATA LOW FROM 380 POSITIVE AND NEGATIVE
00MISEL(N,P)	5/2	SIDE 0 TO SIDE 0 MESSAGE INTERFACE SELECT POSITIVE AND NEGATIVE	01ACDAL(N,P)	5/2	SIDE 0 TO SIDE 1 SWITCH ACTIVE CONTROL AND DIAGNOSTIC ACCESS LINK POSITIVE AND NEGATIVE	01TMSRD(N,P)	6/1	SIDE 0 TO SIDE 1 TMS READY POSITIVE AND NEGATIVE	10AL1B(N,P)	4/1	SIDE 1 DATA LOW FROM 381 POSITIVE AND NEGATIVE
00NCINT(N,P)	5/1	SIDE 0 TO SIDE 0 NETWORK CLOCK INTERRUPT POSITIVE AND NEGATIVE	01DTVAL(N,P)	5/2	SIDE 0 TO SIDE 1 DATA VALID POSITIVE AND NEGATIVE	01TMSRT(N,P)	5/2	SIDE 0 TO SIDE 1 TMS RESET POSITIVE AND NEGATIVE	10MA01(0-8)1	4/2	SIDE 1 DIRECT MEMORY ADDRESS COMMUNITY 1(0-8)1
00NCSEL(N,P)	5/2	SIDE 0 TO SIDE 0 NETWORK CLOCK SELECT POSITIVE AND NEGATIVE	01IDAT(1,1R)	1/1	SIDE 0 TO SIDE 1 IN DATA COMMUNITY 1 AND RETURN	01TMSSEL(N,P)	5/2	SIDE 0 TO SIDE 1 TMS SELECT POSITIVE AND NEGATIVE	10MA02(0-8)1	4/3	SIDE 1 DIRECT MEMORY ADDRESS COMMUNITY 2(0-8)1
00ODAT(1,1R)	1/4	SIDE 0 TO SIDE 0 OUT DATA COMMUNITY 1 AND RETURN	01IDAT(2,2R)	1/2	SIDE 0 TO SIDE 1 IN DATA COMMUNITY 2 AND RETURN	01TMSSR(N,P)	6/1	SIDE 0 TO SIDE 1 TMS SERVICE POSITIVE AND NEGATIVE	10MA03(0-8)1	4/4	SIDE 1 DIRECT MEMORY ADDRESS COMMUNITY 3(0-8)1
00ODAT(2,2R)	1/4	SIDE 0 TO SIDE 0 OUT DATA COMMUNITY 2 AND RETURN	01IDAT(3,3R)	1/3	SIDE 0 TO SIDE 1 IN DATA COMMUNITY 3 AND RETURN	01TRCLK(N,P)	5/2	SIDE 0 TO SIDE 1 RECEIVE CLOCK POSITIVE AND NEGATIVE	10MA04(0-8)1	4/5,6	SIDE 1 DIRECT MEMORY ADDRESS COMMUNITY 4(0-8)1
00ODAT(3,3R)	1/4	SIDE 0 TO SIDE 0 OUT DATA COMMUNITY 3 AND RETURN	01IDAT(4,4R)	1/5	SIDE 0 TO SIDE 1 IN DATA COMMUNITY 4 AND RETURN	01TRMDT(N,P)	5/2	SIDE 0 TO SIDE 1 TRANSMIT DATA POSITIVE AND NEGATIVE	10MA05(0-8)1	4/5	SIDE 1 DIRECT MEMORY ADDRESS COMMUNITY 5(0-8)1
00ODAT(4,4R)	1/4	SIDE 0 TO SIDE 0 OUT DATA COMMUNITY 4 AND RETURN	01IDAT(5,5R)	1/5	SIDE 0 TO SIDE 1 IN DATA COMMUNITY 5 AND RETURN	014MCK(1,1R)	2/4	SIDE 0 TO SIDE 1 4MHZ CLOCK COMMUNITY 1 AND RETURN	10MA0C(1-5)0	4/5	SIDE 1 DIRECT MEMORY ACCESS OPERATION COMPLETE COMMUNITY(1-5)0
00ODAT(5,5R)	1/4	SIDE 0 TO SIDE 0 OUT DATA COMMUNITY 5 AND RETURN	01LIINT(N,P)	6/1	SIDE 0 TO SIDE 1 LINK INTERFACE INTERRUPT POSITIVE AND NEGATIVE	014MCK(2,2R)	2/4	SIDE 0 TO SIDE 1 4MHZ CLOCK COMMUNITY 2 AND RETURN	10MAR0(1-5)0	4/5	SIDE 1 DIRECT MEMORY ACCESS READ COMMUNITY(1-5)0
00RCVDT(N,P)	5/1	SIDE 0 TO SIDE 0 RECEIVE DATA POSITIVE AND NEGATIVE	01MISEL(N,P)	5/2	SIDE 0 TO SIDE 1 LINK INTERFACE SELECT POSITIVE AND NEGATIVE	014MCK(3,3R)	2/4	SIDE 0 TO SIDE 1 4MHZ CLOCK COMMUNITY 3 AND RETURN	10MAR0(1-5)0	4/5,6	SIDE 1 DIRECT MEMORY ACCESS REQUEST COMMUNITY(1-5)0
00SCDAL(N,P)	5/1	SIDE 0 TO SIDE 0 STATUS OF CONTROL AND DIAGNOSTIC LINK POSITIVE AND NEGATIVE	01MIINT(N,P)	6/1	SIDE 0 TO SIDE 1 MESSAGE INTERFACE INTERRUPT POSITIVE AND NEGATIVE	014MCK(4,4R)	2/4	SIDE 0 TO SIDE 1 4MHZ CLOCK COMMUNITY 4 AND RETURN	10MAWR(1-5)0	4/5	SIDE 1 DIRECT MEMORY ACCESS WRITE COMMUNITY(1-5)0
00SYNC(1,1R)	1/1	SIDE 0 TO SIDE 0 SYNC COMMUNITY 1 AND RETURN	01MISEL(N,P)	5/2	SIDE 0 TO SIDE 1 MESSAGE INTERFACE SELECT POSITIVE AND NEGATIVE	08KTS(R,T)	7/1	SIDE 0 8KHZ CLOCK REFERENCE TO THE TMS TRANSMIT AND RECEIVE	10MA1(00-15)1	4/5	SIDE 1 DIRECT MEMORY ACCESS, COMMUNITY 1, DATA(00-15), ACTIVE HIGH
00SYNC(2,2R)	1/4	SIDE 0 TO SIDE 0 SYNC COMMUNITY 2 AND RETURN	01NCINT(N,P)	6/1	SIDE 0 TO SIDE 1 NETWORK CLOCK INTERRUPT POSITIVE AND NEGATIVE	1CINT(1-5)0	4/5	SIDE 1 INTERRUPT FROM COMMUNITY(1-5)0	10MA2(00-15)1	4/5	SIDE 1 DIRECT MEMORY ACCESS, COMMUNITY 2, DATA(00-15), ACTIVE HIGH
00SYNC(3,3R)	1/4	SIDE 0 TO SIDE 0 SYNC COMMUNITY 3 AND RETURN	01NCSEL(N,P)	5/2	SIDE 0 TO SIDE 1 NETWORK CLOCK SELECT POSITIVE AND NEGATIVE	1CKCC1(N,P)	10/11	SIDE 1 CLOCK CENTRAL PROCESSOR INTERVENTION POSITIVE AND NEGATIVE	10MA3(00-15)1	4/5	SIDE 1 DIRECT MEMORY ACCESS, COMMUNITY 3, DATA(00-15), ACTIVE HIGH
00SYNC(4,4R)	1/4	SIDE 0 TO SIDE 0 SYNC COMMUNITY 4 AND RETURN	01ODAT(1,1R)	2/4	SIDE 0 TO SIDE 1 OUT DATA COMMUNITY 1 AND RETURN	1CLK00(N,P)	4/1	SIDE 1 CLOCK OUT FROM 380 POSITIVE AND NEGATIVE	10MA4(00-15)1	4/5	SIDE 1 ERROR DIRECT MEMORY ACCESS, COMMUNITY 4, DATA(00-15), ACTIVE HIGH
00SYNC(5,5R)	1/4	SIDE 0 TO SIDE 0 SYNC COMMUNITY 5 AND RETURN	01ODAT(2,2R)	2/4	SIDE 0 TO SIDE 1 OUT DATA COMMUNITY 2 AND RETURN	1CLK10(N,P)	4/1	SIDE 1 CLOCK OUT FROM 381 POSITIVE AND NEGATIVE	10MA5(00-15)1	4/5	SIDE 1 ERROR DIRECT MEMORY ACCESS, COMMUNITY 5, DATA(00-15), ACTIVE HIGH
00TMSIT(N,P)	5/1	SIDE 0 TO SIDE 0 TMS INTERRUPT POSITIVE AND NEGATIVE	01ODAT(3,3R)	2/4	SIDE 0 TO SIDE 1 OUT DATA COMMUNITY 3 AND RETURN	1CLRPC(1-5)0	10/11	SIDE 1 CLEAR PROCESSORS IN COMMUNITY(1-5)0	1ER1(0-3)0	4/2	SIDE 1 ERROR SIGNAL FROM COMMUNITY 1 PROCESSOR(0-3)0
00TMSRD(N,P)	5/1	SIDE 0 TO SIDE 0 TMS READY POSITIVE AND NEGATIVE	01ODAT(4,4R)	2/4	SIDE 0 TO SIDE 1 OUT DATA COMMUNITY 4 AND RETURN	1CPI(N,P)	6/1	SIDE 1 CENTRAL PROCESSOR INTERRUPTION POSITIVE AND NEGATIVE	1ER2(0-3)0	4/3	SIDE 1 ERROR SIGNAL FROM COMMUNITY 2 PROCESSOR(0-3)0
00TMSRT(N,P)	5/2	SIDE 0 TO SIDE 0 TMS RESET POSITIVE AND NEGATIVE	01ODAT(5,5R)	2/4	SIDE 0 TO SIDE 1 OUT DATA COMMUNITY 5 AND RETURN	1CSA1(0-3)0	4/2	SIDE 1 CONTROL SIGNAL ACKNOWLEDGE COMMUNITY 1 PERIPHERAL CONTROLLER(0-3)	1ER3(0-3)0	4/4	SIDE 1 ERROR SIGNAL FROM COMMUNITY 3 PROCESSOR(0-3)0
00TMSSEL(N,P)	5/2	SIDE 0 TO SIDE 0 TMS SELECT POSITIVE AND NEGATIVE	01RCVDT(N,P)	6/1	SIDE 0 TO SIDE 1 RECEIVE DATA POSITIVE AND NEGATIVE	1CSA2(0-3)0	4/3	SIDE 1 CONTROL SIGNAL ACKNOWLEDGE COMMUNITY 2 PERIPHERAL CONTROLLER(0-3)	1ER(4,5)(0,1)0	4/6	SIDE 1 ERROR SIGNAL FROM COMMUNITY 4 AND 5 PROCESSOR(0,1)0
00TMSSR(N,P)	5/1	SIDE 0 TO SIDE 0 TMS SERVICE POSITIVE AND NEGATIVE	01SDAL(N,P)	6/1	SIDE 0 TO SIDE 1 STATUS OF CONTROL AND DIAGNOSTIC ACCESS LINK POSITIVE AND NEGATIVE	1CSA3(0-3)0	4/4	SIDE 1 CONTROL SIGNAL ACKNOWLEDGE COMMUNITY 3 PERIPHERAL CONTROLLER(0-3)			
00TRCLK(N,P)	5/2	SIDE 0 TO SIDE 0 TRANSMIT CLOCK POSITIVE AND NEGATIVE	01SYNC(1,1R)	2/4	SIDE 0 TO SIDE 1 SYNC COMMUNITY 1 AND RETURN	1CSA4(0-3)0	4/5,6	SIDE 1 CONTROL SIGNAL ACKNOWLEDGE COMMUNITY 4 PERIPHERAL CONTROLLER(0-3)			
00TRMDT(N,P)	5/2	SIDE 0 TO SIDE 0 TRANSMIT DATA POSITIVE AND NEGATIVE	01SYNC(2,2R)	2/4	SIDE 0 TO SIDE 1 SYNC COMMUNITY 2 AND RETURN	1CSA5(0,1)0	4/6	SIDE 1 CONTROL SIGNAL ACKNOWLEDGE COMMUNITY 5 PERIPHERAL CONTROLLER(0,1)			
004MCK(1,1R)	1/1	SIDE 0 TO SIDE 0 4MHZ CLOCK COMMUNITY 1 AND RETURN	01SYNC(3,3R)	2/4	SIDE 0 TO SIDE 1 SYNC COMMUNITY 3 AND RETURN	10AH0B(N,P)	4/1	SIDE 1 DATA HIGH FROM 380 POSITIVE AND NEGATIVE			
004MCK(2,2R)	1/4	SIDE 0 TO SIDE 0 4MHZ CLOCK COMMUNITY 2 AND RETURN	01SYNC(4,4R)	2/4	SIDE 0 TO SIDE 1 SYNC COMMUNITY 4 AND RETURN	10AH1B(N,P)	4/1	SIDE 1 DATA HIGH FROM 381 POSITIVE AND NEGATIVE			
004MCK(3,3R)	1/4	SIDE 0 TO SIDE 0 4MHZ CLOCK COMMUNITY 3 AND RETURN	01SYNC(5,5R)	2/4	SIDE 0 TO SIDE 1 SYNC COMMUNITY 5 AND RETURN						
004MCK(4,4R)	1/4	SIDE 0 TO SIDE 0 4MHZ CLOCK COMMUNITY 4 AND RETURN									

MESSAGE SWITCH CABINET

DWG SIZE
C2ISSUE
58ATTN
BELL LABORATORIES

SD-50146-01

A5

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
1GRD028(0-3)	4/6	SIDE 1 GROUND FOR MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2	100SM(5,5R)	10/9	SIDE 1 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	1SCXM(1,1R)	10/2	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1 AND RETURN	1SR(4,5)(0,1)0	4/6	SIDE 1 SERVICE REQUEST COMMUNITY 4 AND 5 PROCESSOR(0,1)0
1GRD045(0-3)	4/5	SIDE 1 GROUND FOR MESSAGE SWITCH CONTROL UNIT	100(3B,3BR)	10/5	SIDE 1 OUT OF SERVICE MESSAGE INTERFACE CLOCK UNIT(3B,3BR)	1SCXM(2,2R)	10/3	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2 AND RETURN	1ST1(R,T)	8/1	SIDE 1 SECONDARY T1 TIP AND RING
1GRD053(0-3)	4/6	SIDE 1 GROUND FOR MESSAGE SWITCH PERIPHERAL UNIT, MODEL 2	1PCSL1(0-3)0	4/5	SIDE 1 COMMUNITY SELECT 1 PROCESSOR(0-3)0	1SCXM(3,3R)	10/4	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3 AND RETURN	1TMSCLK(N,P)	6/1	SIDE 1 TMS CLOCK POSITIVE AND NEGATIVE
1GRD119	8/1	SIDE 1 GROUND FOR MESSAGE INTERFACE/CLOCK UNIT, MODEL 2	1PCSL2(0-3)0	4/5	SIDE 1 COMMUNITY SELECT 2 PROCESSOR(0-3)0	1SCXM(4,4R)	10/9	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND RETURN	1TMSCLK(N,P)	6/1	SIDE 1 TMS SELECT POSITIVE AND NEGATIVE
1GRD128(0-3)	4/3	SIDE 1 GROUND FOR MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2	1PCSL3(0-3)0	4/5	SIDE 1 COMMUNITY SELECT 3 PROCESSOR(0-3)0	1SCXM(5,5R)	10/9	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	1TMSGO(N,P)	6/1	SIDE 1 TMS GO POSITIVE AND NEGATIVE
1GRD136(0-3)	4/4	SIDE 1 GROUND FOR MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3	1PCSL(4,5)(0,1)0	4/5	SIDE 1 COMMUNITY SELECT 4 AND 5 PROCESSOR(0,1)0	1SCX(3B,3BR)	10/5	SIDE 1 SCAN X MESSAGE INTERFACE CLOCK UNIT(3B,3BR)	1TMSIN(N,P)	6/1	SIDE 1 TMS IN POSITIVE AND NEGATIVE
1GRD145(0-3)	4/1	SIDE 1 GROUND FOR MESSAGE SWITCH PERIPHERAL UNIT	1PT1(R,T)	8/1	SIDE 1 PRIMARY T1 TIP AND RING	1SCY	10/11	SIDE 1 SCAN Y	1TMSINT(N,P)	6/1	SIDE 1 TMS INTERRUPT POSITIVE AND NEGATIVE
1GRD153(0-3)	4/2	SIDE 1 GROUND MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1	1RCVPA(N,P)	10/11	SIDE 1 RECEIVE PARITY POSITIVE AND NEGATIVE	1SCY(B,R)	10/1	SIDE 1 SCAN Y MESSAGE SWITCH CONTROL UNIT(B,R)	1TMSOUT(N,P)	6/1	SIDE 1 TMS OUT POSITIVE AND NEGATIVE
1INT1(0-3)0	4/2	SIDE 1 INTERRUPT FROM COMMUNITY 1 PROCESSOR(0-3)0	1RCVOP	2/4	SIDE 1 RECEIVE FIBER OPTIC	1SCYMS(1,1R)	10/2	SIDE 1 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1 AND RETURN	1TMSRDY(N,P)	6/1	SIDE 1 TMS READY POSITIVE AND NEGATIVE
1INT2(0-3)0	4/3	SIDE 1 INTERRUPT FROM COMMUNITY 2 PROCESSOR(0-3)0	1REQ0B(N,P)	4/1	SIDE 1 REQUEST FROM 3B0 POSITIVE AND NEGATIVE	1SCYMS(2,2R)	10/3	SIDE 1 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2 AND RETURN	1TMSROT(N,P)	6/1	SIDE 1 TMS REQUEST POSITIVE AND NEGATIVE
1INT3(0-3)0	4/4	SIDE 1 INTERRUPT FROM COMMUNITY 3 PROCESSOR(0-3)0	1REQ1B(N,P)	4/1	SIDE 1 REQUEST FROM 3B1 POSITIVE AND NEGATIVE	1SCYMS(3,3R)	10/4	SIDE 1 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3 AND RETURN	1TMSRST(N,P)	6/1	SIDE 1 TMS SERVICE REQUEST POSITIVE AND NEGATIVE
1INT(4,5)(0,1)0	4/6	SIDE 1 INTERRUPT FROM COMMUNITY 4 AND 5 PROCESSOR(0,1)0	1RSL(1-5)0	4/5	SIDE 1 RESET ISOLATE COMMUNITY	1SCYMS(4,4R)	10/9	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND RETURN	1TMS&K(R,T)	8/1	SIDE 1 TMS &K CLOCK POSITIVE AND NEGATIVE
100L(1-5)0	4/2-4,6	SIDE 1 OUT OF LEVEL FROM COMMUNITY(1-5)0	1RSL(P,PR)	10/5	SIDE 1 REQUEST IN PROGRESS AND RETURN	1SCYMS(5,5R)	10/9	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	1TRMPAR(N,P)	10/11	SIDE 1 TRANSMIT PARITY POSITIVE AND NEGATIVE
100S	10/5	SIDE 1 OUT OF SERVICE	1RQIP(B,BR)	10/1	SIDE 1 REQUEST IN PROGRESS MESSAGE SWITCH CONTROL UNIT(B,BR)	1SCYMS(1,1R)	10/2	SIDE 1 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1 AND RETURN	1XCLK01(N,P)	4/1	SIDE 1 BX25 CLOCK OUT POSITIVE AND NEGATIVE
100S(B,R)	10/1	SIDE 1 OUT OF SERVICE MESSAGE SWITCH CONTROL UNIT(B,R)	1RIPMS(1-5)	10/2-4,9	SIDE 1 REQUEST IN PROGRESS MESSAGE SWITCH PERIPHERAL UNIT COMMUNITIES (1-5)	1SCYMS(2,2R)	10/3	SIDE 1 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2 AND RETURN	1XCLK11(N,P)	4/1	SIDE 1 BX25 CLOCK IN POSITIVE AND NEGATIVE
100SMS(1,1R)	10/2	SIDE 1 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1 AND RETURN	1RIPMS(1-5)R	10/2-4,9	SIDE 1 REQUEST IN PROGRESS MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY (1-5) AND RETURN	1SCYM(1,1R)	10/2	SIDE 1 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1 AND RETURN	1XMITOP	2/4	SIDE 1 TRANSMIT FIBER OPTIC
100SMS(2,2R)	10/3	SIDE 1 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2 AND RETURN	1RIPM(1-5)	10/2-4,9	SIDE 1 REQUEST IN PROGRESS MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY (1-5)	1SCYM(2,2R)	10/3	SIDE 1 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2 AND RETURN	1X25CLK(N,P)	10/11	SIDE 1 BX25 CLOCK POSITIVE AND NEGATIVE
100SMS(3,3R)	10/4	SIDE 1 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3 AND RETURN	1RIPM(1-5)R	10/2-4,9	SIDE 1 REQUEST IN PROGRESS MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY (1-5) AND RETURN	1SCYM(3,3R)	10/4	SIDE 1 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3 AND RETURN	1X25ROT(N,P)	10/11	SIDE 1 BX25 RECEIVE DATA POSITIVE AND NEGATIVE
100SMS(4,4R)	10/9	SIDE 1 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND RETURN	1RQIP(3B,3BR)	10/5	SIDE 1 REQUEST IN PROGRESS MESSAGE INTERFACE CLOCK UNIT(3B,3BR)	1SCYM(4,4R)	10/9	SIDE 1 SCAN Y MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND RETURN	1X25TOT(N,P)	10/11	SIDE 1 BX25 TRANSMIT DATA POSITIVE AND NEGATIVE
100SMS(5,5R)	10/9	SIDE 1 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	1SCX	10/11	SIDE 1 SCAN X	1SCYM(5,5R)	10/9	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	10ACD(L,N,P)	6/2	SIDE 1 TO SIDE 0 SWITCH ACTIVE CONTROL AND DIAGNOSTIC LINK POSITIVE AND NEGATIVE
100SM(1,1R)	10/2	SIDE 1 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1 AND RETURN	1SCX(B,R)	10/1	SIDE 1 SCAN X MESSAGE SWITCH CONTROL UNIT(B,R)	1SCY(3B,3BR)	10/5	SIDE 1 SCAN Y MESSAGE INTERFACE CLOCK UNIT(3B,3BR)	10DTVAL(N,P)	6/2	SIDE 1 TO SIDE 0 DATA VALID POSITIVE AND NEGATIVE
100SM(2,2R)	10/3	SIDE 1 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2 AND RETURN	1SCXMS(1,1R)	10/2	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 1 AND RETURN	1SCZ(2,2R)	10/11	SIDE 1 SCAN Z AND RETURN	10IDAT(1,1R)	2/1	SIDE 1 TO SIDE 0 IN DATA COMMUNITY 1 AND RETURN
100SM(3,3R)	10/4	SIDE 1 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3 AND RETURN	1SCXMS(2,2R)	10/3	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 2 AND RETURN	1SCZ3(B,BR)	10/11	SIDE 1 SCAN Z AND IOP 0 AND RETURN			
100SM(4,4R)	10/9	SIDE 1 OUT OF SERVICE MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND RETURN	1SCXMS(3,3R)	10/4	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 3 AND RETURN	1SISL&(1-5)0	4/5	SIDE 1 SET ISOLATE COMMUNITY(1-5)0			
			1SCXMS(4,4R)	10/9	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 4 AND RETURN	1SR1(0-3)0	4/2	SIDE 1 SERVICE REQUEST COMMUNITY 1 PROCESSOR(0-3)0			
			1SCXMS(5,5R)	10/9	SIDE 1 SCAN X MESSAGE SWITCH PERIPHERAL UNIT COMMUNITY 5 AND RETURN	1SR2(0-3)0	4/3	SIDE 1 SERVICE REQUEST COMMUNITY 2 PROCESSOR(0-3)0			
						1SR3(0-3)0	4/4	SIDE 1 SERVICE REQUEST			

MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		12	5B
ATTN: BELL LABORATORIES		SD-5D146-01	
		A6	

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
10IDAT(2,2R)	2/2	SIDE 1 TO SIDE 0 IN DATA COMMUNITY 2 AND RETURN	10TRMDT(N,P)	6/2	SIDE 1 TO SIDE 0 TRANSMIT DATA POSITIVE AND NEGATIVE	11SYNC(3,3R)	2/4	SIDE 1 TO SIDE 1 SYNC COMMUNITY 3 AND RETURN
10IDAT(3,3R)	2/3	SIDE 1 TO SIDE 0 IN DATA COMMUNITY 3 AND RETURN	104MCK(1,1R)	1/4	SIDE 1 TO SIDE 0 4MHZ CLOCK COMMUNITY 1 AND RETURN	11SYNC(4,4R)	2/4	SIDE 1 TO SIDE 1 SYNC COMMUNITY 4 AND RETURN
10IDAT(4,4R)	1/4	SIDE 1 TO SIDE 0 IN DATA COMMUNITY 4 AND RETURN	104MCK(2,2R)	1/4	SIDE 1 TO SIDE 0 4MHZ CLOCK COMMUNITY 2 AND RETURN	11SYNC(5,5R)	2/4	SIDE 1 TO SIDE 1 SYNC COMMUNITY 5 AND RETURN
10IDAT(5,5R)	1/4	SIDE 1 TO SIDE 0 IN DATA COMMUNITY 5 AND RETURN	104MCK(3,3R)	1/4	SIDE 1 TO SIDE 0 4MHZ CLOCK COMMUNITY 3 AND RETURN	11TMSIT(N,P)	6/1	SIDE 1 TO SIDE 1 TMS INTERRUPT POSITIVE AND NEGATIVE
10LIINT(N,P)	5/1	SIDE 1 TO SIDE 0 LINK INTERFACE INTERRUPT POSITIVE AND NEGATIVE	104MCK(4,4R)	1/4	SIDE 1 TO SIDE 0 4MHZ CLOCK COMMUNITY 4 AND RETURN	11TMSRD(N,P)	6/1	SIDE 1 TO SIDE 1 TMS READY POSITIVE AND NEGATIVE
10LISEL(N,P)	6/2	SIDE 1 TO SIDE 0 LINK INTERFACE SELECT POSITIVE AND NEGATIVE	104MCK(5,5R)	1/4	SIDE 1 TO SIDE 0 4MHZ CLOCK COMMUNITY 5 AND RETURN	11TMSRT(N,P)	6/2	SIDE 1 TO SIDE 1 TMS RESET POSITIVE AND NEGATIVE
10MIINT(N,P)	5/1	SIDE 1 TO SIDE 0 MESSAGE INTERFACE INTERRUPT POSITIVE AND NEGATIVE	11ACDAL(N,P)	6/2	SIDE 1 TO SIDE 1 SWITCH ACTIVE CONTROL AND DIAGNOSTIC LINK POSITIVE AND NEGATIVE	11TMSSEL(N,P)	6/2	SIDE 1 TO SIDE 1 TMS SELECT POSITIVE AND NEGATIVE
10MISEL(N,P)	6/2	SIDE 1 TO SIDE 0 MESSAGE INTERFACE SELECT POSITIVE AND NEGATIVE	11DTVAL(N,P)	6/2	SIDE 1 TO SIDE 1 DATA VALID POSITIVE AND NEGATIVE	11TMSR(N,P)	6/1	SIDE 1 TO SIDE 1 TMS SERVICE POSITIVE AND NEGATIVE
10NCINT(N,P)	5/1	SIDE 1 TO SIDE 0 NETWORK CLOCK INTERRUPT POSITIVE AND NEGATIVE	11IDAT(1,1R)	2/1	SIDE 1 TO SIDE 1 IN DATA COMMUNITY 1 AND RETURN	11TRCLK(N,P)	6/2	SIDE 1 TO SIDE 1 TRANSMIT CLOCK POSITIVE AND NEGATIVE
10NCSEL(N,P)	6/2	SIDE 1 TO SIDE 0 NETWORK CLOCK SELECT POSITIVE AND NEGATIVE	11IDAT(2,2R)	2/2	SIDE 1 TO SIDE 1 IN DATA COMMUNITY 2 AND RETURN	11TRMDT(N,P)	6/2	SIDE 1 TO SIDE 1 TRANSMIT DATA POSITIVE AND NEGATIVE
10ODAT(1,1R)	1/4	SIDE 1 TO SIDE 0 OUT DATA COMMUNITY 1 AND RETURN	11IDAT(3,3R)	2/3	SIDE 1 TO SIDE 1 IN DATA COMMUNITY 3 AND RETURN	114MCK(1,1R)	2/4	SIDE 1 TO SIDE 1 4MHZ CLOCK COMMUNITY 1 AND RETURN
10ODAT(2,2R)	1/4	SIDE 1 TO SIDE 0 OUT DATA COMMUNITY 2 AND RETURN	11IDAT(4,4R)	2/5	SIDE 1 TO SIDE 1 IN DATA COMMUNITY 4 AND RETURN	114MCK(2,2R)	2/4	SIDE 1 TO SIDE 1 4MHZ CLOCK COMMUNITY 2 AND RETURN
10ODAT(3,3R)	1/4	SIDE 1 TO SIDE 0 OUT DATA COMMUNITY 3 AND RETURN	11IDAT(5,5R)	2/5	SIDE 1 TO SIDE 1 IN DATA COMMUNITY 5 AND RETURN	114MCK(3,3R)	2/4	SIDE 1 TO SIDE 1 4MHZ CLOCK COMMUNITY 3 AND RETURN
10RCVDT(N,P)	5/1	SIDE 1 TO SIDE 0 RECEIVE DATA POSITIVE AND NEGATIVE	11LIINT(N,P)	6/1	SIDE 1 TO SIDE 1 LINK INTERFACE INTERRUPT POSITIVE AND NEGATIVE	114MCK(4,4R)	2/4	SIDE 1 TO SIDE 1 4MHZ CLOCK COMMUNITY 4 AND RETURN
10SCDAL(N,P)	5/1	SIDE 1 TO SIDE 0 STATUS OF CONTROL AND DIAGNOSTIC LINK POSITIVE AND NEGATIVE	11LISEL(N,P)	6/2	SIDE 1 TO SIDE 1 LINK INTERFACE SELECT POSITIVE AND NEGATIVE	114MCK(5,5R)	2/4	SIDE 1 TO SIDE 1 4MHZ CLOCK COMMUNITY 5 AND RETURN
10SYNC(1,1R)	1/4	SIDE 1 TO SIDE 0 SYNC COMMUNITY 1 AND RETURN	11MIINT(N,P)	6/1	SIDE 1 TO SIDE 1 MESSAGE INTERFACE INTERRUPT POSITIVE AND NEGATIVE	18KTS(R,T)	8/1	SIDE 1 8KHZ CLOCK REFERENCE TO THE TMS TRANSMIT AND RECEIVE
10SYNC(2,2R)	1/4	SIDE 1 TO SIDE 0 SYNC COMMUNITY 2 AND RETURN	11MISEL(N,P)	6/2	SIDE 1 TO SIDE 1 MESSAGE INTERFACE SELECT POSITIVE AND NEGATIVE	2KC(R,T)	8/2	2KHZ NETWORK CLOCK CROSS-COUPLE TRANSMIT AND RECEIVE
10SYNC(3,3R)	1/4	SIDE 1 TO SIDE 0 SYNC COMMUNITY 3 AND RETURN	11NCINT(N,P)	6/1	SIDE 1 TO SIDE 1 NETWORK CLOCK INTERRUPT POSITIVE AND NEGATIVE	2XC(R,T)	7/1	2KHZ NETWORK CLOCK CROSS-COUPLE TRANSMIT AND RECEIVE
10SYNC(4,4R)	1/4	SIDE 1 TO SIDE 0 SYNC COMMUNITY 4 AND RETURN	11NCSEL(N,P)	6/2	SIDE 1 TO SIDE 1 NETWORK CLOCK SELECT POSITIVE AND NEGATIVE	3BRES(0,1)	9,10/8	SIDE 1 FAN RESET FROM IOP 0 AND 1
10SYNC(5,5R)	1/4	SIDE 1 TO SIDE 0 SYNC COMMUNITY 5 AND RETURN	11ODAT(1,1R)	2/4	SIDE 1 TO SIDE 1 OUT DATA COMMUNITY 1 AND RETURN	3BSCN(0,1)	9,10/8	SIDE 1 FAN SCAN POINT TO IOP 0 AND 1
10TMSIT(N,P)	5/1	SIDE 1 TO SIDE 0 TMS INTERRUPT POSITIVE AND NEGATIVE	11ODAT(2,2R)	2/4	SIDE 1 TO SIDE 1 OUT DATA COMMUNITY 2 AND RETURN	4MHZ(CLK,CLKR)	1/4	4MHZ CLOCK AND RETURN
10TMSRD(N,P)	5/1	SIDE 1 TO SIDE 0 TMS READY POSITIVE AND NEGATIVE	11ODAT(3,3R)	2/4	SIDE 1 TO SIDE 1 OUT DATA COMMUNITY 3 AND RETURN	6MS(1N,1NR)	1,2/4	6MS INPUT REFERENCE AND RETURN
10TMSRT(N,P)	6/2	SIDE 1 TO SIDE 0 TMS RESET POSITIVE AND NEGATIVE	11RCVDT(N,P)	6/1	SIDE 1 TO SIDE 1 RECEIVE DATA POSITIVE AND NEGATIVE	8MH(1N,1NR)	1,2/4	8MHZ INPUT REFERENCE AND RETURN
10TMSSEL(N,P)	6/2	SIDE 1 TO SIDE 0 TMS SELECT POSITIVE AND NEGATIVE	11SCDAL(N,P)	6/1	SIDE 1 TO SIDE 1 SWITCH ACTIVE CONTROL AND DIAGNOSTIC LINK POSITIVE AND NEGATIVE	8MH(2,2R)	1/4	8MHZ CLOCK AND RETURN
10TMSR(N,P)	5/1	SIDE 1 TO SIDE 0 TMS SERVICE REQUEST POSITIVE AND NEGATIVE	11SYNC(1,1R)	2/4	SIDE 1 TO SIDE 1 SYNC COMMUNITY 1 AND RETURN			
10TRCLK(N,P)	6/2	SIDE 1 TO SIDE 0 TRANSMIT CLOCK POSITIVE AND NEGATIVE	11SYNC(2,2R)	2/4	SIDE 1 TO SIDE 1 SYNC COMMUNITY 2 AND RETURN			

COPYRIGHT (C) 1987 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH CABINET

DWG SIZE
C2

ISSUE
6M

AT&T
BELL LABORATORIES

SD-5D146-01

A7

APPARATUS INDEX

INTERFRAME LEAD INDEX

APP FIGURE
EQUIP LOC NO. SH NO.

CIRCUIT PACKS
UNITS

007-000 1 C1
015-000 1 C1
015-000 1 C1
024-000 2 C1

032-000 2 C1
041-000 2 C1
049-000 2 C1
058-000 3 C1

067-000 1 C1
067-094 1 C1
067-094 3 C1
107-000 1 C1

115-000 1 C1
115-000 1 C1
124-000 2 C1
132-000 2 C1

141-000 2 C1
149-000 2 C1
158-000 3 C1
167-000 1 C1

167-094 1 C1
167-094 3 C1

DESIG
FAN-0 1 C1
FAN-1 1 C1
FUSE-00 1 C1
FUSE-01 1 C1

FUSE-01 3 C1
FUSE-10 1 C1
FUSE-11 1 C1
FUSE-11 3 C1

MICU-0 1 C1
MICU-1 1 C1
MICU2-0 1 C1
MICU2-1 1 C1

MSCU-0 2 C1
MSCU-1 2 C1
MSPU-0C1 2 C1
MSPU-0C2 2 C1

MSPU-0C3 2 C1
MSPU-1C1 2 C1
MSPU-1C2 2 C1
MSPU-1C3 2 C1

MSPU2-0 3 C1
MSPU2-1 3 C1

MSPU2-0 9/10 3
MSPU2-0 1/5 3
MSPU2-0 3/6 3
MSPU2-1 4/6 3

MSPU2-1 6/5 3
MSPU2-1 10/9 3
MSPU2-1 10/10 3
MSPU2-1 2/5 3

LOCATION
DESIG FS/SYM APPFIG EQPT

UNIT
FAN-0 9/8 1 007-000
FAN-1 10/8 1 107-000
FUSE-00 9/6 1 067-000
FUSE-01 9/7 1 067-094

FUSE-01 9/7 3 067-094
FUSE-10 10/6 1 167-000
FUSE-11 10/7 1 167-094
FUSE-11 10/7 3 167-094

MICU-0 7/1 1 015-000
MICU-0 9/5 1 015-000
MICU-0 5/1 1 015-000
MICU-0 1/4 1 015-000

MICU-1 8/1 1 115-000
MICU-1 10/5 1 115-000
MICU-1 6/1 1 115-000
MICU-1 2/4 1 115-000

MICU2-0 9/11 1 015-000
MICU2-0 5/6 1 015-000
MICU2-0 1/6 1 015-000
MICU2-0 7/2 1 015-000

MICU2-1 10/11 1 115-000
MICU2-1 6/6 1 115-000
MICU2-1 2/6 1 115-000
MICU2-1 8/2 1 115-000

MSCU-0 3/5 2 041-000
MSCU-0 3/1 2 041-000
MSCU-0 9/1 2 041-000
MSCU-1 4/5 2 141-000

MSCU-1 4/1 2 141-000
MSCU-1 10/1 2 141-000
MSPU-0C1 1/1 2 049-000
MSPU-0C1 3/2 2 049-000

MSPU-0C1 5/2 2 049-000
MSPU-0C1 9/2 2 049-000
MSPU-0C2 9/3 2 024-000
MSPU-0C2 5/3 2 024-000

MSPU-0C2 1/2 2 024-000
MSPU-0C2 3/3 2 024-000
MSPU-0C3 5/4 2 032-000
MSPU-0C3 9/4 2 032-000

MSPU-0C3 1/3 2 032-000
MSPU-0C3 3/4 2 032-000
MSPU-1C1 2/1 2 149-000
MSPU-1C1 4/2 2 149-000

MSPU-1C1 6/2 2 149-000
MSPU-1C1 10/2 2 149-000
MSPU-1C2 4/3 2 124-000
MSPU-1C2 6/3 2 124-000

MSPU-1C2 2/2 2 124-000
MSPU-1C2 10/3 2 124-000
MSPU-1C3 10/4 2 132-000
MSPU-1C3 4/4 2 132-000

MSPU-1C3 6/4 2 132-000
MSPU-1C3 2/3 2 132-000
MSPU2-0 5/5 3 058-000
MSPU2-0 9/9 3 058-000

MSPU2-0 9/10 3 058-000
MSPU2-0 1/5 3 058-000
MSPU2-0 3/6 3 058-000
MSPU2-1 4/6 3 158-000

MSPU2-1 6/5 3 158-000
MSPU2-1 10/9 3 158-000
MSPU2-1 10/10 3 158-000
MSPU2-1 2/5 3 158-000

LOCATION
DESIG FS/SYM CAD

3B DMA 0
OCLK00N 3/1 084
OCLK00P 3/1 084
ODAH00N 3/1 084
ODAH00P 3/1 084

ODAL00N 3/1 084
ODAL00P 3/1 084
OGRD0450 3/1 084
OGRD0451 3/1 084

ORED00N 3/1 084
ORED00P 3/1 084
OXCLK01N 3/1 084
OXCLK01P 3/1 084

1CLK00N 4/1 086
1CLK00P 4/1 086
1DAH00N 4/1 086
1DAH00P 4/1 086

1DAL00N 4/1 086
1DAL00P 4/1 086
1GRD1450 4/1 086
1GRD1451 4/1 086

1REQ00N 4/1 086
1REQ00P 4/1 086
1XCLK01N 4/1 086
1XCLK01P 4/1 086

3B DMA 1
OCLK10N 3/1 085
OCLK10P 3/1 085
ODAH10N 3/1 085
ODAH10P 3/1 085

ODAL10N 3/1 085
ODAL10P 3/1 085
OGRD0452 3/1 085
OGRD0453 3/1 085

ORED10N 3/1 085
ORED10P 3/1 085
OXCLK11N 3/1 085
OXCLK11P 3/1 085

1CLK10N 4/1 087
1CLK10P 4/1 087
1DAH10N 4/1 087
1DAH10P 4/1 087

1DAL10N 4/1 087
1DAL10P 4/1 087
1GRD1452 4/1 087
1GRD1453 4/1 087

1REQ10N 4/1 087
1REQ10P 4/1 087
1XCLK11N 4/1 087
1XCLK11P 4/1 087

3B1OP 0
OCCCKC1N 5/1 016A
OCCCKC1P 9/11 016B
OCCCKC2P 9/11 016B
OCCCKC3P 5/1 016A

OCCCKC4P 5/1 016A
OCCCKC5P 9/11 016B
OCCCKC6P 9/11 016B
OCCCKC7P 5/1 016A

OCCCKC8P 5/1 016A
OCCCKC9P 9/11 016B
OCCCKC10P 9/11 016B
OCCCKC11P 5/1 016A

OCCCKC12P 9/5 088B
OCCCKC13P 9/11 088B
OCCCKC14P 9/2 090B

LOCATION
DESIG FS/SYM CAD

3B1OP 0 (CONT)
000SM1R 9/2 090B
000SM2 9/3 091B
000SM2R 9/3 091B
000SM3 9/4 092B

000SM3R 9/4 092B
000SM4 9/9 144A
000SM4R 9/9 144A
000SM5 9/9 145A

000SM5R 9/9 145A
000SR 9/5 088B
000SR 9/11 088B
ORCVPARN 5/1 016A

ORCVPARN 9/11 016B
ORCVPARP 5/1 016A
ORCVPARP 9/11 016B
ORIPM1 9/2 090B

ORIPM1R 9/2 090B
ORIPM2 9/3 091B
ORIPM2R 9/3 091B
ORIPM3 9/4 092B

ORIPM3R 9/4 092B
ORIPM4 9/9 144A
ORIPM4R 9/9 144A
ORIPM5 9/9 145A

ORIPM5R 9/9 145A
ORQIP 9/11 088B
ORQIP 9/5 088B
ORQIPR 9/11 088B

ORQIPR 9/5 088B
OSCX 9/5 088B
OSCX 9/11 088B
OSCXM1 9/2 090B

OSCXM1R 9/2 090B
OSCXM2 9/3 091B
OSCXM2R 9/3 091B
OSCXM3 9/4 092B

OSCXM3R 9/4 092B
OSCXM4 9/9 144A
OSCXM4R 9/9 144A
OSCXM5 9/9 145A

OSCXM5R 9/9 145A
OSCXR 9/11 088B
OSCXR 9/5 088B
OSCY 9/5 088B

OSCY 9/11 088B
OSCYM1 9/2 090B
OSCYM1R 9/2 090B
OSCYM2 9/3 091B

OSCYM2R 9/3 091B
OSCYM3 9/4 092B
OSCYM3R 9/4 092B
OSCYM4 9/9 144A

OSCYM4R 9/9 144A
OSCYM5 9/9 145A
OSCYM5R 9/9 145A
OSCYR 9/11 088B

OSCYR 9/5 088B
OSCY 9/11 088B
OSCY 9/5 088B
OSCYR 9/11 088B

OSCYR 9/5 088B
OTRMPARN 5/1 016A
OTRMPARN 9/11 016B
OTRMPARN 5/1 016A

LOCATION
DESIG FS/SYM CAD

3B1OP 0 (CONT)
0X25CLKN 5/1 016A
0X25CLKN 9/11 016B
0X25CLKP 5/1 016A
0X25CLKP 9/11 016P

0X25RDTN 9/11 016B
0X25RDTN 5/1 016A
0X25RDTP 5/1 016A
0X25RDTP 9/11 016B

0X25STDN 9/11 016B
0X25STDN 5/1 016A
0X25STDTP 5/1 016A
0X25STDTP 9/11 016B

1003B 10/5 094A
1003B 10/11 094A
1003BR 10/5 094A
1003BR 10/11 094A

1003B 10/1 095A
1003B 10/2 096A
1003BS1R 10/2 096A
1003BS2 10/3 097A

1003BS2R 10/3 097A
1003BS3 10/4 098A
1003BS3R 10/4 098A
1003BS4 10/9 146A

1003BS4R 10/9 146A
1003BS5 10/9 147A
1003BS5R 10/9 147A
1003BS6 10/9 147A

1003BS6R 10/9 147A
1003BS7 10/9 147A
1003BS7R 10/9 147A
1003BS8 10/9 147A

1003BS8R 10/9 147A
1003BS9 10/9 147A
1003BS9R 10/9 147A
1003BS10 10/9 147A

1003BS10R 10/9 147A
1003BS11 10/9 147A
1003BS11R 10/9 147A
1003BS12 10/9 147A

1003BS12R 10/9 147A
1003BS13 10/9 147A
1003BS13R 10/9 147A
1003BS14 10/9 147A

1003BS14R 10/9 147A
1003BS15 10/9 147A
1003BS15R 10/9 147A
1003BS16 10/9 147A

1003BS16R 10/9 147A
1003BS17 10/9 147A
1003BS17R 10/9 147A
1003BS18 10/9 147A

1003BS18R 10/9 147A
1003BS19 10/9 147A
1003BS19R 10/9 147A
1003BS20 10/9 147A

1003BS20R 10/9 147A
1003BS21 10/9 147A
1003BS21R 10/9 147A
1003BS22 10/9 147A

1003BS22R 10/9 147A
1003BS23 10/9 147A
1003BS23R 10/9 147A
1003BS24 10/9 147A

LOCATION
DESIG FS/SYM CAD

3B1OP 0 (CONT)
1SCYMS1 10/2 096A
1SCYMS1R 10/2 096A
1SCYMS2 10/3 097A
1SCYMS2R 10/3 097A

1SCYMS3 10/4 098A
1SCYMS3R 10/4 098A
1SCYMS4 10/9 146A
1SCYMS4R 10/9 146A

1SCYMS5 10/9 147A
1SCYMS5R 10/9 147A
1SCYR 10/1 095A
1SCZ3B 10/5 094A

1SCZ3B 10/11 094A
1SCZ3BR 10/5 094A
1SCZ3BR 10/11 094A
3BRES0 9/8 093A

3BRES1 10/8 099A
3BSCN0 9/8 093A
3BSCN1 10/8 099A
00ACDNLN 5/6 023C

00ACDNLN 5/1 023A
00ACDNLN 5/1 023A
00ACDNLN 5/6 023C
00DTVALN 5/6 023C

00DTVALN 5/1 023A
00DTVALP 5/6 023C
00DTVALP 5/1 023A
00L1INTN 5/6 023C

00L1INTN 5/1 023A
00L1INTP 5/1 023A
00L1INTP 5/6 023C
00L1SELN 5/1 023A

00L1SELN 5/6 023C
00L1SELP 5/1 023A
00L1SELP 5/6 023C
00NCINTN 5/6 023C

00NCINTN 5/1 023A
00NCINTP 5/1 023A
00NCINTP 5/6 023C
00NCSELN 5/1 023A

00NCSELN 5/6 023C
00NCSELP 5/1 023A
00NCSELP 5/6 023C
00RCVDTN 5/1 023A

00RCVDTN 5/6 023C
00RCVDTP 5/6 023C
00RCVDTP 5/1 023A
00SCDALN 5/1 023A

00SCDALN 5/6 023C
00SCDALN 5/6 023C
00SCDALN 5/1 023A
00THSSRN 5/1 023A

00THSSRN 5/6 023C
00THSSRN 5/1 023A
00THSSRN 5/6 023C
00TRCLKN 5/1 023A

00TRCLKN 5/1 023A
00TRCLKN 5/1 023A
00TRCLKN 5/1 023A
00TRCLKN 5/1 023A

00TRCLKN 5/1 023A
00TRCLKN 5/1 023A
00TRCLKN 5/1 023A
00TRCLKN 5/1 023A

LOCATION
DESIG FS/SYM CAD

3B1OP 0 (CONT)
00TRCLKN 5/6 023C
00TRCLKP 5/1 023A
00TRCLKP 5/6 023C
00TRMDTN 5/6 023C

00TRMDTN 5/1 023A
00TRMDTP 5/6 023C
00TRMDTP 5/1 023A
00005 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B
00005R 9/1 089B

ISSUE
5B

MESSAGE SWITCH CABINET

SD-5D146-01-A8

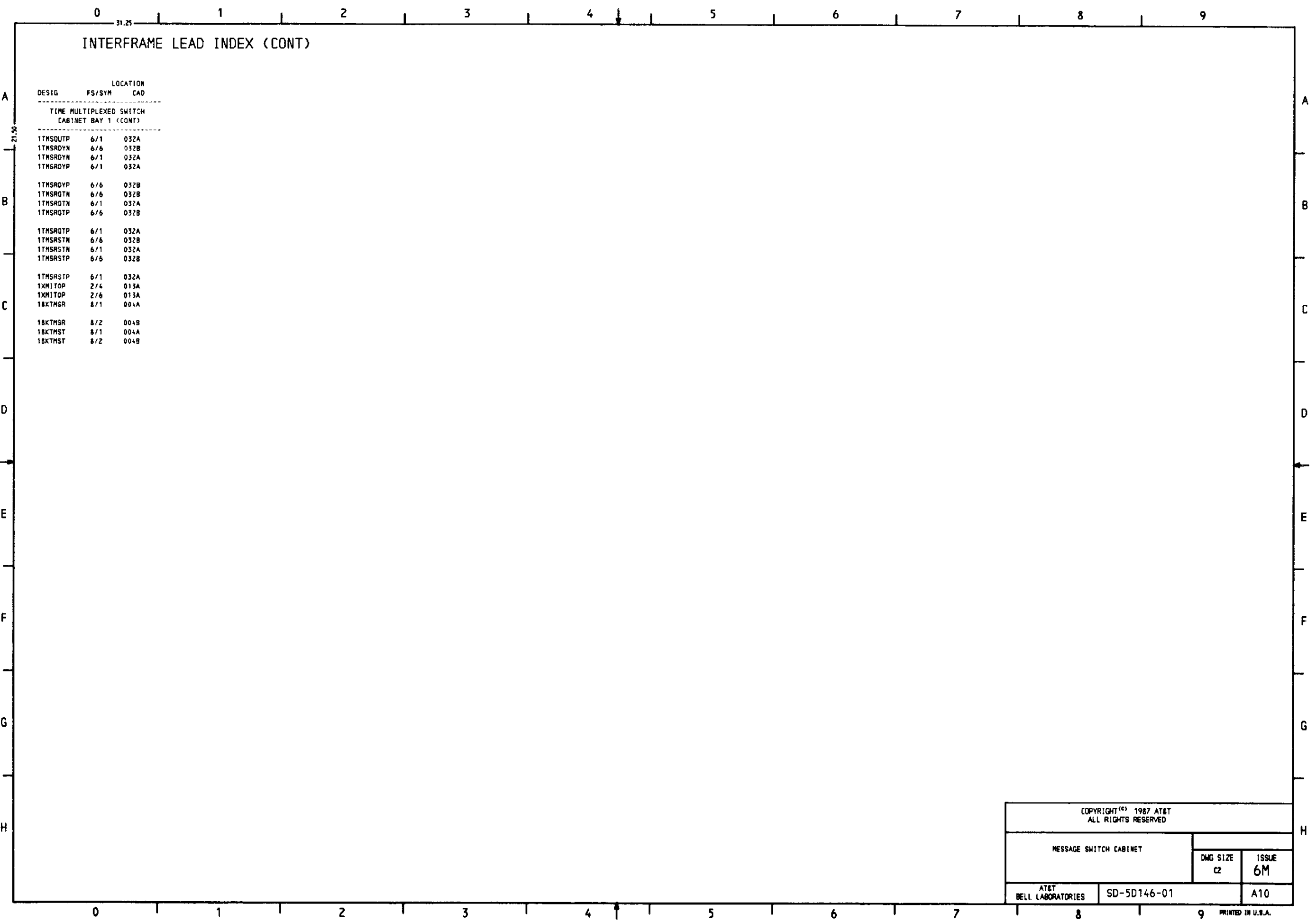
AT&T BELL LABORATORIES

DATE

BY

INTERFRAME LEAD INDEX (CONT)

LOCATION			LOCATION			LOCATION			LOCATION			LOCATION			LOCATION		
DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD	DESIG	FS/SYM	CAD
3B1OP 1 (CONT)			3B1OP 1 (CONT)			3B1OP 1 (CONT)			3B1OP 1 (CONT)			DIGITAL SERVICE CROSS-CONNECT			INTERFACE COMMUNICATIONS CIRCUIT (CONT)		
ORIPMS1R	9/2	090A	100SM5	10/9	147B	1X25R0TP	6/1	017A	RTNRES0	9/8	093A	OPT1R	7/1	007A	S1-TTYA	9/6	118
ORIPMS2	9/3	091A	100SM5R	10/9	147B	1X25T0TN	10/11	017B	RTNRES1	10/8	099A	OPT1T	7/1	007A	S1-TTYB	9/6	119
ORIPMS2R	9/3	091A	100SR	10/5	094B	1X25T0TN	6/1	017A	RTNSC0	9/8	093A	OST1R	7/1	008A	S1-TTYB	9/6	118
ORIPMS3	9/4	092A	100SR	10/11	094B	1X25T0TP	10/11	017B	RTNSC1	10/8	099A	OST1T	7/1	008A	T	9/6	119
ORIPMS3R	9/4	092A	1RCVPARN	6/1	017A	1X25T0TP	6/1	017A	SCX3B1	10/11	157	1PT1R	8/1	009A	T	9/6	118
ORQIP3B	9/5	088A	1RCVPARN	10/11	017B	3BRES0	9/8	093A	SCX3B1	9/11	155	1PT1T	8/1	009A	T-SP	9/6	119
ORQIP3B	9/11	088A	1RCVPARP	6/1	017A	3BRES1	10/8	099A	SCX3BR1	9/11	155	1ST1R	8/1	010A	T-SP	9/6	118
ORQIP3BR	9/5	088A	1RCVPARP	10/11	017B	3BSCN0	9/8	093A	SCX3BR1	10/11	157	1ST1T	8/1	010A	T-TTYA	9/6	119
ORQIP3BR	9/11	088A	1RIPM1	10/2	096B	3BSCN1	10/8	099A	SLY3B1	9/11	155	REF1N	7/2	174	T-TTYA	9/6	118
ORQIP3B	9/1	089A	1RIPM1R	10/2	096B	01ACDALN	6/6	025C	SEY	10/11	157	REF1N	8/2	182	T-TTYB	9/6	118
ORQIP3B	9/1	089A	1RIPM2	10/3	097B	01ACDALN	6/1	025A	SLY3BR1	9/11	155	REF1P	7/2	174	T-TTYB	9/6	119
OSCX3B	9/5	088A	1RIPM2R	10/3	097B	01ACDALP	6/6	025C	SLY3BR1	10/11	157	REF1P	8/2	182	T1	9/6	119
OSCX3B	9/11	088A	1RIPM3	10/4	098B	01ACDALP	6/1	025A	ANALOG TRANSMISSION FACILITY			REF2N	7/2	175	T1	9/6	118
OSCX3BR	9/5	088A	1RIPM3R	10/4	098B	01DTVALN	6/6	025C	ATTRF00	7/2	159	REF2N	8/2	183	T1-TTYA	9/6	119
OSCX3BR	9/11	088A	1RIPM4	10/9	146B	01DTVALN	6/1	025A	ATTRF00	8/2	161	REF2P	7/2	175	T1-TTYA	9/6	118
OSCX3B	9/1	089A	1RIPM4R	10/9	146B	01DTVALP	6/6	025C	ATTRF01	7/2	159	REF2P	8/2	183	T1-TTYB	9/6	119
OSCXBR	9/1	089A	1RIPM5	10/9	147B	01DTVALP	6/1	025A	ATTRF10	7/2	158	REF3N	7/2	176	T1-TTYB	9/6	119
OSCXBR	9/9	144B	1RIPM5R	10/9	147B	01L1INTN	6/6	025C	ATTRF10	8/2	160	REF3N	8/2	184	TIME MULTIPLEXED SWITCH CABINET BAY 0		
OSCXBR	9/9	144B	1RQIP	10/11	094B	01L1INTN	6/1	025A	ATTRF11	7/2	158	REF3P	7/2	176	0GRD019	7/1	001A
OSCXBR	9/9	145B	1RQIP	10/5	094B	01L1INTP	6/6	025C	ATTRF11	8/2	160	REF3P	8/2	184	0GRD019	7/1	002A
OSCXMSR	9/9	145B	1RQIPR	10/11	094B	01L1INTP	6/1	025A	ATTRF11	7/2	158	REF4N	7/2	177	0REC019	1/6	012A
OSCXMS1	9/2	090A	1RQIPR	10/5	094B	01L1SELN	6/1	025A	ATTRF11	8/2	160	REF4N	8/2	185	0REC019	1/4	012A
OSCXMS1R	9/2	090A	1SCX	10/5	094B	01L1SELN	6/6	025C	REF1N	7/2	117	REF4P	7/2	177	0TMS8KR	7/1	001A
OSCXMS2	9/3	091A	1SCX	10/11	094B	01L1SELP	6/6	025C	REF1N	8/2	117	REF4P	8/2	185	0TMS8KT	7/1	001A
OSCXMS2R	9/3	091A	1SCXM1	10/2	096B	01L1SELP	6/1	025A	REF1P	7/2	117	REF5N	7/2	178	0TMSCLKN	5/1	031A
OSCXMS3	9/4	092A	1SCXM1R	10/2	096B	01NCINTN	6/1	025A	REF1P	8/2	117	REF5N	8/2	186	0TMSCLKN	5/6	031B
OSCXMS3R	9/4	092A	1SCXM2	10/3	097B	01NCINTN	6/6	025C	REF2N	7/2	117	REF5P	7/2	178	0TMSCLKP	5/1	031A
OSCY3B	9/5	088A	1SCXM2R	10/3	097B	01NCINTP	6/1	025A	REF2N	8/2	117	REF5P	8/2	186	0TMSCLKP	5/6	031B
OSCY3B	9/11	088A	1SCXM3	10/4	098B	01NCINTP	6/6	025C	REF2P	7/2	117	REF6N	7/2	179	0TMSCLN	5/1	031A
OSCY3BR	9/5	088A	1SCXM3R	10/4	098B	01NCSELN	6/1	025A	REF2P	8/2	117	REF6N	8/2	187	0TMSCLN	5/6	031B
OSCY3BR	9/11	088A	1SCXM4	10/9	146B	01NCSELN	6/6	025C	REF3N	7/2	117	REF6P	7/2	179	0TMSCLN	5/1	031A
OSCYB	9/1	089A	1SCXM4R	10/9	146B	01NCSELP	6/1	025A	REF3N	8/2	117	REF6P	8/2	187	0TMSCLN	5/6	031B
OSCYBR	9/1	039A	1SCXM5	10/9	147B	01RCVDTN	6/1	025A	REF3P	7/2	117	REF7N	7/2	180	0TMSCLN	5/1	031A
OSCYM4	9/9	144B	1SCXM5R	10/9	147B	01RCVDTN	6/6	025C	REF3P	8/2	117	REF7N	8/2	188	0TMSCLN	5/6	031B
OSCYM4R	9/9	144B	1SCXR	10/5	094B	01RCVDTN	6/1	025A	REF4N	7/2	117	REF7P	7/2	180	0TMSCLN	5/1	031A
OSCYM5	9/9	145B	1SCXR	10/11	094B	01RCVDTN	6/6	025C	REF4N	8/2	117	REF7P	8/2	188	0TMSCLN	5/6	031B
OSCYMSR	9/9	145B	1SCY	10/5	094B	01RCVDTN	6/6	025C	REF4P	7/2	117	REF8N	7/2	181	0TMSCLN	5/1	031A
OSCYMS1	9/2	090A	1SCY	10/11	094B	01SCDALN	6/1	025A	REF4P	8/2	117	REF8N	8/2	189	0TMSCLN	5/6	031B
OSCYMS1R	9/2	090A	1SCYM1	10/2	096B	01SCDALN	6/6	025C	REF5N	7/2	117	REF8P	7/2	181	0TMSCLN	5/1	031A
OSCYMS2	9/3	091A	1SCYM1R	10/2	096B	01SCDALP	6/6	025C	REF5N	8/2	117	REF8P	8/2	189	0TMSCLN	5/6	031B
OSCYMS2R	9/3	091A	1SCYM2	10/3	097B	01TMSRRN	6/1	025A	REF6N	7/2	117	REF8P	8/2	189	0TMSCLN	5/1	031A
OSCYMS3	9/4	092A	1SCYM2R	10/3	097B	01TMSRRN	6/6	025C	REF6N	8/2	117	REF8P	8/2	189	0TMSCLN	5/6	031B
OSCYMS3R	9/4	092A	1SCYM3	10/4	098B	01TMSRRN	6/1	025A	REF6P	7/2	117	REF8P	7/2	181	0TMSCLN	5/1	031A
OSCYMS3R	9/5	088A	1SCYM3R	10/4	098B	01TMSRRP	6/1	025A	REF6P	8/2	117	REF8P	8/2	189	0TMSCLN	5/6	031B
OSCYMS3R	9/5	088A	1SCYM4	10/9	146B	01TRCLKN	6/1	025A	REF7N	7/2	117	REF8P	8/2	189	0TMSCLN	5/1	031A
OSCYMS3R	9/5	088A	1SCYM4R	10/9	146B	01TRCLKN	6/6	025C	REF7N	8/2	117	REF8P	8/2	189	0TMSCLN	5/6	031B
OSCYMS3R	9/11	088A	1SCYM5	10/9	147B	01TRCLKN	6/6	025C	REF7P	7/2	117	REF8P	7/2	181	0TMSCLN	5/1	031A
1CKCC1N	6/1	017A	1SCYM5R	10/9	147B	01TRCLKP	6/6	025C	REF7P	8/2	117	REF8P	8/2	189	0TMSCLN	5/6	031B
1CKCC1N	10/11	017B	1SCYR	10/5	094B	01TRCLKP	6/1	025A	REF8N	7/2	117	REF8P	8/2	189	0TMSCLN	5/1	031A
1CKCC1P	6/1	017A	1SCYR	10/11	094B	01TRCLKP	6/6	025C	REF8N	8/2	117	REF8P	8/2	189	0TMSCLN	5/6	031B
1CP1N	6/1	017A	1SCZ	10/5	094B	01TR											



INTERFRAME LEAD INDEX (CONT)

DESIG	LOCATION	
	FS/SYM	CAD
TIME MULTIPLEXED SWITCH CABINET BAY 1 (CONT)		
17MSDUTP	6/1	032A
17MSRDYN	6/6	032B
17MSRDYN	6/1	032A
17MSRDYP	6/1	032A
17MSRDYP	6/6	032B
17MSRQTN	6/6	032B
17MSRQTN	6/1	032A
17MSRQTP	6/6	032B
17MSRQTP	6/1	032A
17MSRSTN	6/6	032B
17MSRSTN	6/1	032A
17MSRSTP	6/6	032B
17MSRSTP	6/1	032A
1XMITOP	2/4	013A
1XMITOP	2/6	013A
18KTMSR	8/1	004A
18KTMSR	8/2	004B
18KTMST	8/1	004A
18KTMST	8/2	004B

Copyright (c) 1987 AT&T
All Rights Reserved

MESSAGE SWITCH CABINET

AT&T
BELL LABORATORIES

DWG SIZE
C2

ISSUE
6M

SD-5D146-01

A10

INTRAFRAME LEAD INDEX

A	DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION		
	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.
B	FUSE PANEL 007-000			FUSE PANEL 067-000 (CONT)			FUSE PANEL 167-000 (CONT)			MESSAGE INTERFACE/CLOCK UNIT 015-000 (CONT)			MESSAGE INTERFACE/CLOCK UNIT 015-000 (CONT)			MESSAGE INTERFACE/CLOCK UNIT 015-000 (CONT)			MESSAGE INTERFACE/CLOCK UNIT 015-000 (CONT)			MESSAGE INTERFACE/CLOCK UNIT 015-000 (CONT)		
	-48B1A	-48V011C	9/8	30425BR	RTN036	9/6	10663TR	RTN119B	10/6	INDAT1SA	001DAT1	1/4	SCY3BR	OSCVR	9/5	OMISEL	00MISELN	5/1	4MCK15RA	004MCK1R	1/4	4MCK15RA	004MCK1R	1/4
	-48B1B	-48V011F	9/3				10664T	-48V119	10/6	INDAT2CA	101DAT2	1/4	SCY3BR	OSCVR	9/5	OMISEL	00MISELN	5/1	4MCK2CA	104MCK2	1/4	4MCK2CA	104MCK2	1/4
	-48B2A	-48V011B	9/8	FUSE PANEL 067-094			10664TR	RTN119	10/6	INDAT2SA	001DAT2	1/4	SC23B	OSC2	9/5	OMISEL	00MISELN	5/1	4MCK2CRA	104MCK2R	1/4	4MCK2CRA	104MCK2R	1/4
	-48B2B	-48V011E	9/8				30425B	-48V136	10/6	INDAT3CA	101DAT3	1/4	SC23B	OSC23	9/5	OMISEL	00MISELN	5/1	4MCK2CRA	104MCK2R	1/4	4MCK2CRA	104MCK2R	1/4
	-48B3A	-48V011A	9/8	ALM018B	ALM062A	9/7	30425BR	RTN136	10/6	INDAT3SA	001DAT3	1/4	SC23BR	OSC2R	9/5	OMISEL	00MISELN	5/1	4MCK2SRA	004MCK2R	1/4	4MCK2SRA	004MCK2R	1/4
	-48B3B	-48V011D	9/8	ALM018T	ALM062B	9/7				INDAT4CA	101DAT4	1/4	SC23BR	OSC23R	9/5	OMISEL	00MISELN	5/1	4MCK3CA	104MCK3	1/4	4MCK3CA	104MCK3	1/4
	FLED1	LED02A	9/8	ALM066	ALM026	9/7				INDAT4SA	001DAT4	1/4	ST1R	OST1R	7/1	OMISEL	00MISELN	5/1	4MCK3CRA	104MCK3R	1/4	4MCK3CRA	104MCK3R	1/4
	FLED2	LED01A	9/8	ALM420	ALM053	9/7	FUSE PANEL 167-094			INDAT5CA	101DAT5	1/4	ST1T	OST1T	7/1	OMISEL	00MISELN	5/1	4MCK3SRA	004MCK3R	1/4	4MCK3SRA	004MCK3R	1/4
	FRLED0	LED01B	9/8	ALM421	ALM011	9/7	ALM018B	ALM062A	10/7	INDAT5SA	001DAT5	1/4				OMISEL	00MISELN	5/1	4MCK4SRA	004MCK4R	1/4	4MCK4SRA	004MCK4R	1/4
RTN	RTNRES0	9/8	10181B	-48V062A	9/7	ALM018T	ALM062B	10/7	L1INT0	00L1INTP	5/1	SYN1C1A	10SYN1C	1/4	OMISEL	00MISELN	5/1	4MCK5CA	104MCK5	1/4	4MCK5CA	104MCK5	1/4	
C	RTN	RTNRES0	9/8	10181BR	RTN062A	9/7	ALM066	ALM128	10/7	L1SEL1	00L1SELP	5/1	SYN1C1A	10SYN1C	1/4	OMISEL	00MISELN	5/1	4MCK5CRA	104MCK5R	1/4	4MCK5CRA	104MCK5R	1/4
	3BRES1	3BRES0	9/8	10181T	-48V062B	9/7	ALM420	ALM153	10/7	L1SR	00L1SELP	5/1	SYN1C1SRA	00SYN1C1R	1/4	OMISEL	00MISELN	5/1	4MCK5SRA	004MCK5R	1/4	4MCK5SRA	004MCK5R	1/4
	3BSCN0	3BSCN0	9/8	10181TR	RTN062B	9/7	ALM421	ALM111	10/7	L1X25C0	0X25CLKN	5/1	SYN2C1A	10SYN2C	1/4	OMISEL	00MISELN	5/1	4MCK6CA	104MCK6	1/4	4MCK6CA	104MCK6	1/4
	48RTNB1A	RTN011C	9/8	10421B	-48V011F	9/7	10181B	-48V162A	10/7	L1X25C0R	0X25CLKP	5/1	SYN2C1A	10SYN2C	1/4	OMISEL	00MISELN	5/1	4MCK6CRA	104MCK6R	1/4	4MCK6CRA	104MCK6R	1/4
	48RTNB1B	RTN011F	9/8	10421BR	RTN011F	9/7	10181BR	RTN162A	10/7	L1X25R1R	0X25TOTN	5/1	SYN2C1A	10SYN2C	1/4	OMISEL	00MISELN	5/1	4MCK6SRA	004MCK6R	1/4	4MCK6SRA	004MCK6R	1/4
	48RTNB2A	RTN011B	9/8	10421T	-48V011E	9/7	10181T	-48V162B	10/7	L1X25RV1	0X25TOTP	5/1	SYN2C1A	10SYN2C	1/4	OMISEL	00MISELN	5/1	4MCK6SRA	004MCK6R	1/4	4MCK6SRA	004MCK6R	1/4
	48RTNB2B	RTN011E	9/8	10421TR	RTN011E	9/7	10181TR	RTN162B	10/7	L1X25X0	0X25RDTP	5/1	SYN3C1A	10SYN3C	1/4	OMISEL	00MISELN	5/1	4MCK7CA	104MCK7	1/4	4MCK7CA	104MCK7	1/4
	48RTNB3A	RTN011A	9/8	10422T	-48V011D	9/7	10421B	-48V111F	10/7	L1X25X0R	0X25RDTP	5/1	SYN3C1A	10SYN3C	1/4	OMISEL	00MISELN	5/1	4MCK7CRA	104MCK7R	1/4	4MCK7CRA	104MCK7R	1/4
	48RTNB3B	RTN011D	9/8	10422TR	RTN011D	9/7	10421BR	RTN111F	10/7	MATEEN	MATEEN	1/4	SYN3C1A	10SYN3C	1/4	OMISEL	00MISELN	5/1	4MCK7SRA	004MCK7R	1/4	4MCK7SRA	004MCK7R	1/4
	48RTNB3B	RTN011D	9/8	10423T	-48V053	9/7	10421T	-48V111E	10/7	MATE4M0	CLK4MHZ	1/4	SYN3C1SRA	00SYN3C1R	1/4	OMISEL	00MISELN	5/1	4MCK7SRA	004MCK7R	1/4	4MCK7SRA	004MCK7R	1/4
D	FUSE PANEL 067-000			10423TR	RTN053	9/7	10423TR	RTN111E	10/7	NCINT	00NCINTP	5/1	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8CA	104MCK8	1/4	4MCK8CA	104MCK8	1/4
	ALM018	ALM036	9/6	30424B	-48V028	9/7	10422T	-48V111D	10/7	NCSEL1	00NCSELP	5/1	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8CRA	104MCK8R	1/4	4MCK8CRA	104MCK8R	1/4
	ALM018	NCKAL0	9/6	30424BR	RTN028	9/7	10422TR	RTN111D	10/7	NCSEL1R	00NCSELP	5/1	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8SRA	004MCK8R	1/4	4MCK8SRA	004MCK8R	1/4
	ALM066	ALM019	9/6	30427B	-48V019C	9/7	10423T	-48V153	10/7	ODAT1CRA	100DAT1R	1/4	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8SRA	004MCK8R	1/4	4MCK8SRA	004MCK8R	1/4
	ALM420	ALM011	9/6	30427BR	RTN019C	9/7	10423TR	RTN153	10/7	ODAT1CRA	100DAT1R	1/4	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8SRA	004MCK8R	1/4	4MCK8SRA	004MCK8R	1/4
	ALM421	ALM045	9/6				30424B	-48V128	10/7	ODAT2CRA	100DAT2R	1/4	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8SRA	004MCK8R	1/4	4MCK8SRA	004MCK8R	1/4
	FA0	LED03A	9/6				30424BR	RTN128	10/7	ODAT2CRA	100DAT2R	1/4	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8SRA	004MCK8R	1/4	4MCK8SRA	004MCK8R	1/4
	R	R	9/6				30427B	-48V119C	10/7	ODAT2CRA	100DAT2R	1/4	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8SRA	004MCK8R	1/4	4MCK8SRA	004MCK8R	1/4
	R(SP)	R-SP	9/6				30427BR	RTN119C	10/7	ODAT3CRA	100DAT3R	1/4	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8SRA	004MCK8R	1/4	4MCK8SRA	004MCK8R	1/4
	R-TTYA	R-TTYA	9/6	-48B1A	-48V111C	10/8	ODAT3CRA	100DAT3R	1/4	ODAT3CRA	100DAT3R	1/4	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8SRA	004MCK8R	1/4	4MCK8SRA	004MCK8R	1/4
E	R-TTYB	R-TTYB	9/6	-48B1B	-48V111F	10/8	ODAT4CRA	100DAT4R	1/4	ODAT4CRA	100DAT4R	1/4	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8SRA	004MCK8R	1/4	4MCK8SRA	004MCK8R	1/4
	RA-TTYA	R1-TTYA	9/6	-48B2A	-48V111B	10/8	ODAT4CRA	100DAT4R	1/4	ODAT4CRA	100DAT4R	1/4	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8SRA	004MCK8R	1/4	4MCK8SRA	004MCK8R	1/4
	RTN	LED04B	9/6	-48B2B	-48V111E	10/8	ODAT5CRA	100DAT5R	1/4	ODAT5CRA	100DAT5R	1/4	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8SRA	004MCK8R	1/4	4MCK8SRA	004MCK8R	1/4
	R1	R1	9/6	-48B3A	-48V111A	10/8	ODAT5CRA	100DAT5R	1/4	ODAT5CRA	100DAT5R	1/4	SYN4C1A	10SYN4C	1/4	OMISEL	00MISELN	5/1	4MCK8SRA					

INTRAFRAME LEAD INDEX (CONT)

A	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	A
	ON-UNIT (TERM. MOD)	ON-FRAME	LOC.		ON-UNIT (TERM. MOD)	ON-FRAME	LOC.		ON-UNIT (TERM. MOD)	ON-FRAME	LOC.		ON-UNIT (TERM. MOD)	ON-FRAME	LOC.		ON-UNIT (TERM. MOD)	ON-FRAME	LOC.		
B	MESSAGE INTERFACE/CLOCK UNIT 115-000 (CONT)			FS/SYM LOC.	MESSAGE INTERFACE/CLOCK UNIT 115-000 (CONT)			FS/SYM LOC.	MESSAGE INTERFACE/CLOCK UNIT 115-000 (CONT)			FS/SYM LOC.	MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 015-000 (CONT)			FS/SYM LOC.	MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 015-000 (CONT)			FS/SYM LOC.	B
	ON-UNIT (TERM. MOD)	ON-FRAME	LOC.		ON-UNIT (TERM. MOD)	ON-FRAME	LOC.		ON-UNIT (TERM. MOD)	ON-FRAME	LOC.		ON-UNIT (TERM. MOD)	ON-FRAME	LOC.		ON-UNIT (TERM. MOD)	ON-FRAME	LOC.		
C	IOAT4CRA	1110AT4R	2/4	10/5	SCX3B	1SCX3B	10/5	10/5	OFFCACTR	01ACDALN	6/1	2/4	L1SEL1	00LISELN	5/6	9/11	SCX3B0	SCX3B0	9/11	5/6	5/6
	IOAT4SRA	0110AT4R	2/4		SCX3BR	1SCXBR	10/5		011INTR	011INTN	6/1		L1SR	00LISELP	5/6		SCX3B1	SCX3B1	9/11		
D	IOAT3CRA	1110AT3R	2/4	10/5	SCX3BR	1SCX3BR	10/5	10/5	OM1INT	01M1INTN	6/1	2/4	L1X25C0	0X25CLK	9/11	9/11	SCY3B	0SCY	9/11	9/11	9/11
	IOAT3SRA	0110AT3R	2/4		SCY3B	1SCY	10/5		OM1INTR	01M1INTP	6/1		L1X25C0R	0X25CLK	9/11		SCY3B	0SCY3B	9/11		
E	INDAT1CA	1110AT1	2/4	10/5	SCY3B	1SCY3B	10/5	10/5	OMISEL	01MISELN	6/1	2/4	L1X25R1R	0X25TDT	9/11	9/11	SCY3BR	0SCYR	9/11	5/6	5/6
	INDAT1SA	0110AT1	2/4		SCY3BR	1SCYR	10/5		OMISELR	01MISELP	6/1		L1X25R1V	0X25TDT	9/11		SCY3BR	0SCY3BR	9/11		
F	INDAT2CA	1110AT2	2/4	10/5	SCY3BR	1SCY3BR	10/5	10/5	OMTMSINT	01TMSINTN	6/1	2/4	L1X25X0	0X25RDTN	9/11	9/11	SCY3BR0	SCY3BR0	9/11	7/2	7/2
	INDAT2SA	0110AT2	2/4		SCZ3B	1SCZ3B	10/5		OMCINTR	01M1INTN	6/1		L1X25X0R	0X25RDTN	9/11		SCY3BR1	SCY3BR1	9/11		
G	INDAT3CA	1110AT3	2/4	10/5	SCZ3B	1SCZ	10/5	10/5	OSYN6MS	6MSIN	2/4	2/4	MATEEN	MATEEN	1/6	9/11	SCY3B0	SCY3B0	9/11	7/2	7/2
	INDAT3SA	0110AT3	2/4		SCZ3B	1SCZ3B	10/5		0TMSINTR	01TMSITP	6/1		MATE4M0	CLK4MHZ	1/6		SCY3B1	SCY3B1	9/11		
H	INDAT4CA	1110AT4	2/4	10/5	SCZ3BR	1SCZ	10/5	10/5	0TMSRDY	01TMSRDN	6/1	2/4	NCINT	00NCINTP	5/6	9/11	SCZ3B	0SCZ	9/11	5/6	5/6
	INDAT4SA	0110AT4	2/4		ST1R	1ST1R	8/1		0TMSRDYR	01TMSRDN	6/1		NCSEL1	00NCSELN	5/6		SCZ3B	0SCZ3B	9/11		
I	INDAT5CA	1110AT5	2/4	8/1	ST1T	1ST1T	8/1	8/1	0TMSRQTR	01TMSRTP	6/1	2/4	NCSEL1R	00NCSELN	5/6	9/11	SCZ3BR	0SCZ	9/11	5/6	5/6
	INDAT5SA	0110AT5	2/4		SYN1CA	1SYN1	2/4		0TMSRST	01TMSRTP	6/1		00AT1CRA	100DAT1R	1/6		SCZ3BR	0SCZ3BR	9/11		
J	L1INT0	01L1INTP	6/1	2/4	SYN1CRA	1SYN1C	2/4	2/4	0TMSRSTR	01TMSRTP	6/1	2/4	00AT1SRA	100DAT1R	1/6	9/11	SYN1CA	10SYN1	1/6	5/6	5/6
	L1SEL1	01L1SELN	6/1		SYN1SA	01SYN1	2/4		0TMSSEL	01TMSSELN	6/1		00AT2CRA	100DAT2R	1/6		SYN1CRA	10SYN1C	1/6		
K	L1SR	01L1SELP	6/1	2/4	SYN1SRA	01SYN1R	2/4	2/4	0TMSSEL	01TMSSELN	6/1	2/4	00AT2SRA	100DAT2R	1/6	9/11	SYN1SA	00SYN1	1/6	5/6	5/6
	L1X25C0	1X25CLKN	6/1		SYN1CRA	1SYN1C	2/4		0TMSSEL	01TMSSELN	6/1		00AT3CRA	100DAT3R	1/6		SYN1SRA	00SYN1R	1/6		
L	L1X25C0R	1X25CLKP	6/1	2/4	SYN1CRA	1SYN1C	2/4	2/4	0TMSSEL	01TMSSELN	6/1	2/4	00AT3SRA	100DAT3R	1/6	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	L1X25R1R	1X25TDTN	6/1		SYN1CRA	1SYN1C	2/4		0TMSSEL	01TMSSELN	6/1		00S3B	000S	9/11		SYN1CRA	10SYN1C	1/6		
M	L1X25R1V	1X25TDT	6/1	2/4	SYN1CRA	1SYN1C	2/4	2/4	1CLK	11TRCLKN	6/1	2/4	00S3B	000S	9/11	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	L1X25X0	1X25RDTN	6/1		SYN1CRA	1SYN1C	2/4		1CLKR	11TRCLKP	6/1		00S3BR	000S	9/11		SYN1CRA	10SYN1C	1/6		
N	L1X25RDTN	1X25RDTN	6/1	2/4	SYN1CRA	1SYN1C	2/4	2/4	10IN	11RCVDTN	6/1	2/4	00S3BR	000S	9/11	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	MATEEN	PUSV	2/4		SYN1CRA	1SYN1C	2/4		10INR	11RCVDTN	6/1		00S3BR0	000S	9/11		SYN1CRA	10SYN1C	1/6		
O	MATE4M0	4MHZCLK	2/4	2/4	SYN1CRA	1SYN1C	2/4	2/4	10OUT	11TRMDTP	6/1	2/4	00S3BR1	000S	9/11	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	NCINT	01NCINTP	6/1		SYN1CRA	1SYN1C	2/4		10OUTR	11TRMDTP	6/1		00S3BR0	000S	9/11		SYN1CRA	10SYN1C	1/6		
P	NCSEL1	01NCSELN	6/1	2/4	SYN1CRA	1SYN1C	2/4	2/4	1FPCACT	11ACDALP	6/1	2/4	00S3BR1	000S	9/11	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	NCSEL1R	01NCSELN	6/1		SYN1CRA	1SYN1C	2/4		1FPCACTR	11ACDALN	6/1		00AT1CA	100DAT1	1/6		SYN1CRA	10SYN1C	1/6		
Q	00AT1CRA	1100AT1R	2/4	2/4	SYN1CRA	1SYN1C	2/4	2/4	150	110TVALN	6/1	2/4	00AT1SRA	100DAT1R	1/6	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	00AT1SRA	0100AT1R	2/4		SYN1CRA	1SYN1C	2/4		150R	110TVALP	6/1		00AT2CRA	100DAT2R	1/6		SYN1CRA	10SYN1C	1/6		
R	00AT2CRA	1100AT2R	2/4	2/4	SYN1CRA	1SYN1C	2/4	2/4	1L1INT	11L1INTP	6/1	2/4	00AT2SRA	100DAT2R	1/6	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	00AT2SRA	0100AT2R	2/4		SYN1CRA	1SYN1C	2/4		1L1INTR	11L1INTN	6/1		00AT3CRA	100DAT3R	1/6		SYN1CRA	10SYN1C	1/6		
S	00AT3CRA	1100AT3R	2/4	2/4	SYN1CRA	1SYN1C	2/4	2/4	1L1SEL	11L1SELN	6/1	2/4	00AT3SRA	100DAT3R	1/6	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	00AT3SRA	0100AT3R	2/4		SYN1CRA	1SYN1C	2/4		1L1SEL	11L1SELN	6/1		00AT3SRA	100DAT3R	1/6		SYN1CRA	10SYN1C	1/6		
T	00AT4CRA	1100AT4R	2/4	2/4	SYN1CRA	1SYN1C	2/4	2/4	1M1INT	11M1INTN	6/1	2/4	00AT4CRA	100DAT4R	2/4	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	00AT4SRA	0100AT4R	2/4		SYN1CRA	1SYN1C	2/4		1M1INTR	11M1INTP	6/1		00AT4SRA	0100AT4R	2/4		SYN1CRA	10SYN1C	1/6		
U	00AT5CRA	1100AT5R	2/4	2/4	SYN1CRA	1SYN1C	2/4	2/4	1M1SEL	11M1SELN	6/1	2/4	00AT5CRA	100DAT5R	2/4	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	00AT5SRA	0100AT5R	2/4		SYN1CRA	1SYN1C	2/4		1M1SEL	11M1SELN	6/1		00AT5SRA	0100AT5R	2/4		SYN1CRA	10SYN1C	1/6		
V	00S3B	100S	10/5	10/5	SYN1CRA	1SYN1C	2/4	10/5	1M1SEL	11M1SELN	6/1	10/5	00S3B	100S	10/5	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	00S3B	100S	10/5		SYN1CRA	1SYN1C	2/4		1M1SEL	11M1SELN	6/1		00S3B	100S	10/5		SYN1CRA	10SYN1C	1/6		
W	00S3BR	100SR	10/5	10/5	SYN1CRA	1SYN1C	2/4	10/5	1M1SEL	11M1SELN	6/1	10/5	00S3BR	100SR	10/5	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	00S3BR	100SR	10/5		SYN1CRA	1SYN1C	2/4		1M1SEL	11M1SELN	6/1		00S3BR	100SR	10/5		SYN1CRA	10SYN1C	1/6		
X	00AT1CA	1100AT1	2/4	2/4	SYN1CRA	1SYN1C	2/4	2/4	1M1SEL	11M1SELN	6/1	2/4	00AT1CA	1100AT1	2/4	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	00AT1SA	0100AT1	2/4		SYN1CRA	1SYN1C	2/4		1M1SEL	11M1SELN	6/1		00AT1SA	0100AT1	2/4		SYN1CRA	10SYN1C	1/6		
Y	00AT2CA	1100AT2	2/4	2/4	SYN1CRA	1SYN1C	2/4	2/4	1M1SEL	11M1SELN	6/1	2/4	00AT2CA	1100AT2	2/4	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	00AT2SA	0100AT2	2/4		SYN1CRA	1SYN1C	2/4		1M1SEL	11M1SELN	6/1		00AT2SA	0100AT2	2/4		SYN1CRA	10SYN1C	1/6		
Z	00AT3CA	1100AT3	2/4	2/4	SYN1CRA	1SYN1C	2/4	2/4	1M1SEL	11M1SELN	6/1	2/4	00AT3CA	1100AT3	2/4	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	00AT3SA	0100AT3	2/4		SYN1CRA	1SYN1C	2/4		1M1SEL	11M1SELN	6/1		00AT3SA	0100AT3	2/4		SYN1CRA	10SYN1C	1/6		
AA	00AT4CA	1100AT4	2/4	2/4	SYN1CRA	1SYN1C	2/4	2/4	1M1SEL	11M1SELN	6/1	2/4	00AT4CA	1100AT4	2/4	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	00AT4SA	0100AT4	2/4		SYN1CRA	1SYN1C	2/4		1M1SEL	11M1SELN	6/1		00AT4SA	0100AT4	2/4		SYN1CRA	10SYN1C	1/6		
AB	00AT5CA	1100AT5	2/4	2/4	SYN1CRA	1SYN1C	2/4	2/4	1M1SEL	11M1SELN	6/1	2/4	00AT5CA	1100AT5	2/4	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	00AT5SA	0100AT5	2/4		SYN1CRA	1SYN1C	2/4		1M1SEL	11M1SELN	6/1		00AT5SA	0100AT5	2/4		SYN1CRA	10SYN1C	1/6		
AC	PT1R	1PT1R	8/1	8/1	PT1T	1PT1T	8/1	8/1	1M1ACT	11SCDALP	6/1	2/4	00AT1SRA	100DAT1R	1/6	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	PT1T	1PT1T	8/1		1M1ACTR	11SCDALN	6/1		00AT2CRA	100DAT2R	1/6		SYN1CRA	10SYN1C	1/6		SYN1CRA	10SYN1C	1/6		
AD	PUSV	01RCVDTN	6/1	6/1	TRCLK1R	01TRCLKP	6/1	6/1	2XCR	XC2KR	8/1	2/4	00AT2SRA	100DAT2R	1/6	9/11	SYN1CRA	10SYN1C	1/6	5/6	5/6
	RCVDTN	01RCVDTN	6/1		TRMDAT1	01TRMDTP	6/1		2XCT	XC2KT	8/1		00AT3CRA	100DAT3R	1/6		SYN1CRA	10SYN1C	1/6		
AE	RCVDTN	01RCVDTN	6/1	6/1	TRMDAT1R	01TRMDTP	6/1	6/1	4MCK1CA	114MCK1	2/4	2/4	00AT3SRA	100DAT3R							

INTRAFRAME LEAD INDEX (CONT)																				
DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION					
DN-UNIT	ON-FRAME	FS/SYM	DN-UNIT	ON-FRAME	FS/SYM	DN-UNIT	ON-FRAME	FS/SYM	DN-UNIT	ON-FRAME	FS/SYM	DN-UNIT	ON-FRAME	FS/SYM	DN-UNIT	ON-FRAME	FS/SYM			
(TERM. MOD)		LOC.	(TERM. MOD)		LOC.	(TERM. MOD)		LOC.	(TERM. MOD)		LOC.	(TERM. MOD)		LOC.	(TERM. MOD)		LOC.			
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 015-000 (CONT)			MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 115-000 (CONT)			MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 115-000 (CONT)			MESSAGE INTERFACE/CLOCK UNIT, MODEL 2 115-000 (CONT)			MESSAGE SWITCH CONTROL UNIT 041-000 (CONT)			MESSAGE SWITCH CONTROL UNIT 041-000 (CONT)			MESSAGE SWITCH CONTROL UNIT 041-000 (CONT)		
8MHZ	8MHZ	1/6	00S3B	100S	10/11	SYN2CRA	11SYN2CR	2/6	10OUT	11TRMOTP	6/6	CSA110	0CSA110	3/5	DMA0511	0DMA0511	3/5			
			00S3B	1003B	10/11	SYN2CSA	01SYN2C	2/6	10OUTR	11TRMOTN	6/6	CSA120	0CSA120	3/5	DMA0521	0DMA0521	3/5			
			00S3BR	100SR	10/11	SYN2CSRA	01SYN2CR	2/6	1FPCACT	11ACDALP	6/6	CSA130	0CSA130	3/5	DMA0531	0DMA0531	3/5			
			00S3BR	1003BR	10/11	SYN2CSA	11SYN2C	2/6	1FPCACTR	11ACDALN	6/6	CSA200	0CSA200	3/5	DMA0541	0DMA0541	3/5			
-48VA	-48V119A	10/11	00S3BR0	00S3BR0	10/11	SYN2CRA	11SYN2CR	2/6	1GO	11DTVALN	6/6	CSA210	0CSA210	3/5	DMA0551	0DMA0551	3/5			
-48VB	-48V119B	10/11	00S3BR1	00S3BR1	10/11	SYN2CSA	01SYN2C	2/6	1GOR	11DTVALP	6/6	CSA220	0CSA220	3/5	DMA0561	0DMA0561	3/5			
-48VC	-48V119C	10/11	00S3BR0	00S3BR0	10/11	SYN2CSRA	01SYN2CR	2/6	1LIINT	11LIINTP	6/6	CSA230	0CSA230	3/5	DMA0571	0DMA0571	3/5			
-48VRTNA	RTN119A	10/11	00S3B1	00S3B1	10/11	SYN2CSA	11SYN2C	2/6	1LIINTR	11LIINTN	6/6	CSA300	0CSA300	3/5	DMA0581	0DMA0581	3/5			
-48VRTNB	RTN119B	10/11	0T0AT1CA	0100AT1	2/6	TB1P	TB1P	8/2	1LISEL	11LISELN	6/6	CSA310	0CSA310	3/5	DMA0C10	0DMA0C10	3/5			
-48VRTNC	RTN119C	10/11	0T0AT1SA	0100AT1	2/6	TMSCLK	1TMSCLKN	6/6	1LISELR	11LISELP	6/6	CSA320	0CSA320	3/5	DMA0C20	0DMA0C20	3/5			
ALMD	ALM119	10/11	0T0AT2CA	0100AT2	2/6	TMSCLKR	1TMSCLKP	6/6	1MIINT	11MIINTN	6/6	CSA330	0CSA330	3/5	DMA0C30	0DMA0C30	3/5			
BSRF00	BSRF00	8/2	0T0AT2SA	0100AT2	2/6	TMSQJN	1TMSQJN	6/6	1MIINTR	11MIINTN	6/6	CSA400	0CSA400	3/5	DMA0C40	0DMA0C40	3/5			
BSRF01	BSRF11	8/2	0T0AT3CA	0100AT3	2/6	TMSQJN	1TMSQJN	6/6	1MISEL	11MISELN	6/6	CSA410	0CSA410	3/5	DMA0C50	0DMA0C50	3/5			
BSRF10	BSRF10	8/2	0T0AT3SA	0100AT3	2/6	TMSQJN	1TMSQJN	6/6	1MISELR	11MISELP	6/6	CSA420	0CSA420	3/5	DMA0D10	0DMA0D10	3/5			
BSRF11	BSRF11	8/2	PUSV	MATEEN	2/6	TMSQJN	1TMSQJN	6/6	1NCINT	11NCINTN	6/6	CSA430	0CSA430	3/5	DMA0D20	0DMA0D20	3/5			
CKCC10	1CKCC1P	10/11	0T0AT0D	01RCVDT	2/6	TMSQJN	1TMSQJN	6/6	1NCINTR	11NCINTN	6/6	CSA500	0CSA500	3/5	DMA0D30	0DMA0D30	3/5			
CKCC11	1CKCC1N	10/11	REVDTOR	01RCVDTN	6/6	TMSGOR	1TMSGOR	6/6	1NCSEL	11NCSELN	6/6	CSA510	0CSA510	3/5	DMA0D40	0DMA0D40	3/5			
CLK4M0	CLK4MHZ	2/6	REF1N	REF1N	8/2	TMSINT	1TMSINTN	6/6	1NCSELR	11NCSELP	6/6	CSA520	0CSA520	3/5	DMA0D50	0DMA0D50	3/5			
CP10	1CP1P</																			

MESSAGE SWITCH CABINET

SD-5D146-01-A13

AT&T BELL LABORATORIES

T-BAG 512
[2]

DESIGNATION ON-UNIT ON-FRAME FS/SYM (TERM. MOD) LOC.			DESIGNATION ON-UNIT ON-FRAME FS/SYM (TERM. MOD) LOC.			DESIGNATION ON-UNIT ON-FRAME FS/SYM (TERM. MOD) LOC.			DESIGNATION ON-UNIT ON-FRAME FS/SYM (TERM. MOD) LOC.			DESIGNATION ON-UNIT ON-FRAME FS/SYM (TERM. MOD) LOC.			DESIGNATION ON-UNIT ON-FRAME FS/SYM (TERM. MOD) LOC.			DESIGNATION ON-UNIT ON-FRAME FS/SYM (TERM. MOD) LOC.		
MESSAGE SWITCH CONTROL UNIT 041-000 (CONT)			MESSAGE SWITCH CONTROL UNIT 041-000 (CONT)			MESSAGE SWITCH CONTROL UNIT 041-000 (CONT)			MESSAGE SWITCH CONTROL UNIT 141-000 (CONT)			MESSAGE SWITCH CONTROL UNIT 141-000 (CONT)			MESSAGE SWITCH CONTROL UNIT 141-000 (CONT)			MESSAGE SWITCH CONTROL UNIT 141-000 (CONT)		
DMA4011	ODMA4011	3/5	INT110	OINT110	3/5	SCX3B	OSCXB	9/1	CSA310	1CSA310	4/5	DMA0C10	1DMA0C10	4/5	DMA3121	1DMA3121	4/5	ER530	SPARE530	4/5
DMA4021	ODMA4021	3/5	INT120	OINT120	3/5	SCYR	BOSCYR	9/1	CSA320	1CSA320	4/5	DMA0C20	1DMA0C20	4/5	DMA3131	1DMA3131	4/5	GRD072	1GRD1450	4/5
DMA4031	ODMA4031	3/5	INT130	OINT130	3/5	SCYR	OSCYBR	9/1	CSA330	1CSA330	4/5	DMA0C30	1DMA0C30	4/5	DMA3141	1DMA3141	4/5	GRD072	1GRD1451	4/5
DMA4041	ODMA4041	3/5	INT200	OINT200	3/5	SCY3B	BOSCY	9/1	CSA400	1CSA400	4/5	DMA0C40	1DMA0C40	4/5	DMA3151	1DMA3151	4/5	GRD072	1GRD1452	4/5
DMA4051	ODMA4051	3/5	INT210	OINT210	3/5	SCY3B	OSCYB	9/1	CSA410	1CSA410	4/5	DMA0C50	1DMA0C5	4/5	DMA4001	1DMA4001	4/5	GRD072	1GRD1453	4/5
DMA4061	ODMA4061	3/5	INT220	OINT220	3/5	SISL810	OSISL810	3/5	CSA420	1CSA420	4/5	DMA0D10	1DMA0D1	4/5	DMA4011	1DMA4011	4/5	GRD086	1GRD0450	4/5
DMA4071	ODMA4071	3/5	INT230	OINT230	3/5	SISL820	OSISL820	3/5	CSA430	1CSA430	4/5	DMA0D20	1DMA0D2	4/5	DMA4021	1DMA4021	4/5	GRD086	1GRD0451	4/5
DMA4081	ODMA4081	3/5	INT300	OINT300	3/5	SISL830	OSISL830	3/5	CSA500	1CSA500	4/5	DMA0D30	1DMA0D3	4/5	DMA4031	1DMA4031	4/5	GRD086	1GRD0452	4/5
DMA4091	ODMA4091	3/5	INT310	OINT310	3/5	SISL840	OSISL840	3/5	CSA510	1CSA510	4/5	DMA0D40	1DMA0D40	4/5	DMA4041	1DMA4041	4/5	GRD086	1GRD0453	4/5
DMA4101	ODMA4101	3/5	INT320	OINT320	3/5	SISL850	OSISL850	3/5	CSA520	SPARE520	4/5	DMA0D50	1DMA0D50	4/5	DMA4051	1DMA4051	4/5	GRD176	1GRD1450	4/1
DMA4111	ODMA4111	3/5	INT330	OINT330	3/5	SR100	OSR100	3/5	CSA530	SPARE530	4/5	DMA0D10	1DMA0D10	4/5	DMA4061	1DMA4061	4/5	GRD176	1GRD1451	4/1
DMA4121	ODMA4121	3/5	INT400	OINT400	3/5	SR110	OSR110	3/5	DAH0BN	1DAH0BN	4/1	DMA0D20	1DMA0D20	4/5	DMA4071	1DMA4071	4/5	GRD176	1GRD1452	4/1
DMA4131	ODMA4131	3/5	INT410	OINT410	3/5	SR120	OSR120	3/5	DAH0BP	1DAH0BP	4/1	DMA0D30	1DMA0D30	4/5	DMA4081	1DMA4081	4/5	GRD176	1GRD1453	4/1
DMA4141	ODMA4141	3/5	INT420	SPARE420	3/5	SR130	OSR130	3/5	DAH1BN	1DAH1BN	4/1	DMA0D40	1DMA0D40	4/5	DMA4091	1DMA4091	4/5	INT100	1INT100	4/5
DMA4151	ODMA4151	3/5	INT430	SPARE430	3/5	SR200	OSR200	3/5	DAH1BP	1DAH1BP	4/1	DMA0D50	1DMA0D50	4/5	DMA4101	1DMA4101	4/5	INT110	1INT110	4/5
DMA5001	ODMA5001	3/5	INT500	OINT500	3/5	SR210	OSR210	3/5	DAL0BN	1DAL0BN	4/1	DMA0R10	1DMA0R10	4/5	DMA4111	1DMA4111	4/5	INT120	1INT120	4/5
DMA5011	ODMA5011	3/5	INT510	OINT510	3/5	SR220	OSR220	3/5	DAL0BP	1DAL0BP	4/1	D								

MESSAGE SWITCH CABINET

DWG SIZE
12

AT&T BELL LABORATORIES	SD-5D146-01
---------------------------	-------------

INTRAFRAME LEAD INDEX (CONT)

A	DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			A			
	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.				
B	MESSAGE SWITCH CONTROL UNIT 141-000 (CONT)			MESSAGE SWITCH PERIPHERAL UNIT 024-000			MESSAGE SWITCH PERIPHERAL UNIT 024-000 (CONT)			MESSAGE SWITCH PERIPHERAL UNIT 032-000 (CONT)			MESSAGE SWITCH PERIPHERAL UNIT 049-000			MESSAGE SWITCH PERIPHERAL UNIT 049-000 (CONT)			B			
	PCSL400	1PCSL400	4/5	-48PHR	-48V028	9/3	RQIP3B	ORIPMS2	9/3	DMAAD091	ODMA3091	3/4	-48PHR	-48V053	9/2	PCLCKP	004MCK1	1/1		OTMSSLO	00TMSSLN	5/2
	PCSL410	1PCSL410	4/5	-48RTN	RTN028	9/3	RQIP3B	ORIPM2	9/3	DMAAD101	ODMA3101	3/4	-48RTN	RTN053	9/2	PORDATAN	000DAT1R	1/1		OTMSSSL	00TMSSSLP	5/2
	PCSL420	SPARE420	4/5	ACSA0	OCSA200	3/3	RQIP3BR	ORIPMS2R	9/3	DMAAD111	ODMA3111	3/4	ACSA0	OCSA100	3/2	PORDATAP	000DAT1	1/1		OTMSSSR	00TMSSSRN	5/2
C	PCSL430	SPARE430	4/5	AERRO	OER200	3/3	RQIP3BR	ORIPM2R	9/3	DMAAD121	ODMA3121	3/4	AERRO	OER100	3/2	POSYNCP	00SYNCP	1/1	OTMSSSR	00TMSSSRP	5/2	
	PCSL500	1PCSL500	4/5	AINTR0	OINT200	3/3	SCXR	OSCXMS2R	9/3	DMAAD131	ODMA3131	3/4	AINTR0	OINT100	3/2	POSYNCP	00SYNCP	1/1	OTRCLK0	00TRCLKN	5/2	
	PCSL510	1PCSL510	4/5	ALMC2	ALM028	9/3	SCXR	OSCXMS2R	9/3	DMAAD141	ODMA3141	3/4	ALMC2	ALM053	9/2	POTDATAN	001DAT1R	1/1	OTRCLK1	00TRCLKP	5/2	
	PCSL520	SPARE520	4/5	APCSELO	OPCSL200	3/3	SCX3B	OSCXMS2	9/3	DMAAD151	ODMA3151	3/4	APCSELO	OPCSL100	3/2	POTDATAP	001DAT1	1/1	OTRMDAT0	00TRMDATN	5/2	
D	PCSL530	SPARE530	4/5	ASR0	OSR200	3/3	SCX3B	OSCXMS2	9/3	DMAADAP1	ODMA381	3/4	ASR0	OSR100	3/2	PICLKN	014MCK1R	1/1	OTRMDAT1	00TRMDTP	5/2	
	REQ08N	1REQ08N	4/1	BESAO	OCSA210	3/3	SCYR	OSCYMS2R	9/3	DMAAD001	ODMA301	3/4	BESAO	OCSA110	3/2	PICLKP	014MCK1	1/1	1ACCDALR	01ACCDALN	5/2	
	REQ08P	1REQ08P	4/1	BERR0	OER210	3/3	SCYR	OSCYMS2R	9/3	DMAAD011	ODMA3011	3/4	BERR0	OER110	3/2	PORDATAN	010DAT1R	1/1	1ACTCDAL	01ACCDALP	5/2	
	REQ18N	1REQ18N	4/1	BINTR0	OINT210	3/3	SCY3B	OSCYMS2	9/3	DMAAD021	ODMA3021	3/4	BINTR0	OINT110	3/2	PORDATAP	010DAT1	1/1	1DATVAL0	01DTVALN	5/2	
E	REQ18P	1REQ18P	4/1	BPCSELO	OPCSL210	3/3	SCY3B	OSCYMS2	9/3	DMAAD031	ODMA3031	3/4	BPCSELO	OPCSL110	3/2	PISYNCP	01SYNCP	1/1	1DATVAL1	01DTVALP	5/2	
	RISL810	1RISL810	4/5	BSR0	OSR210	3/3	SISLO	OSISL820	3/3	DMAAD041	ODMA3041	3/4	BSR0	OSR110	3/2	PISYNCP	01SYNCP	1/1	1LIINT10	01LIINTP	5/2	
	RISL820	1RISL820	4/5	CCSA0	OCSA220	3/3	OCLKN	004MCK2R	1/2	DMAAD051	ODMA3051	3/4	CCSA0	OCSA120	3/2	PITDATAN	011DAT1R	1/1	1LIINT11	01LIINTN	5/2	
	RISL830	1RISL830	4/5	CERR0	OER220	3/3	OCLKP	004MCK2	1/2	DMAAD061	ODMA3061	3/4	CERR0	OER120	3/2	PITDATAP	011DAT1	1/1	1LISELO	01LISELN	5/2	
F	RISL840	1RISL840	4/5	CINTR0	OINT220	3/3	ORDATAN	000DAT2R	1/2	DMAAD071	ODMA3071	3/4	CINTR0	OINT120	3/2	RISLO	ORISL810	3/2	1LISEL1	01LISELP	5/2	
	RISL850	1RISL850	4/5	CMDINT0	OCINT20	3/3	ORDATAP	000DAT2	1/2	DMAADPC0	ODMADEC30	3/4	CMDINT0	OCINT10	3/2	RQIP3B	ORIPMS1	9/2	1MIINT10	01MIINTN	5/2	
	RQIP3B	B1RQIP	10/1	CPCSELO	OPCSL220	3/3	OSYNCP	00SYNCP2R	1/2	DMAARD0	ODMAR030	3/4	CPCSELO	OPCSL120	3/2	RQIP3B	ORIPH1	9/2	1MIINT11	01MIINTP	5/2	
	RQIP3B	1RQIPB	10/1	CSR0	OSR220	3/3	OSYNCP	00SYNCP2	1/2	DMAARE00	ODMAR030	3/4	CSR0	OSR120	3/2	RQIP3BR	ORIPMS1R	9/2	1MISELO	01MISELN	5/2	
G	RQIP3BR	B1RQIPR	10/1	DCSA0	OCSA230	3/3	OTDATAN	001DAT2R	1/2	DMAHT0	ODMAHR30	3/4	DCSA0	OCSA130	3/2	RQIP3BR	ORIPH1R	9/2	1MISEL1	01MISELP	5/2	
	RQIP3BR	1RQIPBR	10/1	DERR0	OER230	3/3	OTDATAP	001DAT2	1/2	DPCSELO	OPCSL330	3/4	DERR0	OER130	3/2	SCXR	OSCXMS1R	9/2	1NCKIT10	01NCKINTP	5/2	
	SCXR	B1SCXR	10/1	DINTR0	OINT230	3/3	1CLKN	014MCK2R	1/2	DSR0	OSR330	3/4	DINTR0	OINT130	3/2	SCXR	OSCXMS1R	9/2	1NCKIT11	01NCKINTN	5/2	
	SCXR	1SCXR	10/1	DMAAD001	ODMA2001	3/3	1CLKP	014MCK2	1/2	GRDDHAR0	ODMA0361	3/4	DMAAD001	ODMA1001	3/2	SCX3B	OSCXMS1	9/2	1NCKSELO	01NCKSELN	5/2	
H	SCX3B	B1SCX	10/1	DMAAD011	ODMA2011	3/3	1RDATAN	010DAT2R	1/2	GRDD04064	ODMA0360	3/4	DMAAD011	ODMA1011	3/2	SCX3B	OSCXMS1	9/2	1NCKSEL1	01NCKSELP	5/2	
	SCX3B	1SCXB	10/1	DMAAD021	ODMA2021	3/3	1RDATAP	010DAT2	1/2	GRDD04064	ODMA0361	3/4	DMAAD021	ODMA1021	3/2	SCYR	OSCYMS1R	9/2	1RCVDAT0	01RCVDITN	5/2	
	SCYR	B1SCYR	10/1	DMAAD031	ODMA2031	3/3	1SYNCP	01SYNCP2R	1/2	GRDD04080	ODMA0362	3/4	DMAAD031	ODMA1031	3/2	SCYR	OSCYMS1R	9/2	1RCVDAT1	01RCVDITP	5/2	
	SCYR	1SCYR	10/1	DMAAD041	ODMA2041	3/3	1SYNCP	01SYNCP2	1/2	GRDD04080	ODMA0363	3/4	DMAAD041	ODMA1041	3/2	SCY3B	OSCYMS1	9/2	1SACDALR	01SCDALN	5/2	
I	SCY3B	B1SCY	10/1	DMAAD051	ODMA2051	3/3	1TDATAN	011DAT2R	1/2	INITPC0	OCLRPC30	3/4	DMAAD051	ODMA1051	3/2	SCY3B	OSCYMS1	9/2	1STACDAL	01STCDALP	5/2	
	SCY3B	1SCYB	10/1	DMAAD061	ODMA2061	3/3	1TEATAP	0110AT2	1/2	00SR	000SM3R	9/4	DMAAD061	ODMA1061	3/2	SISLO	OSISL810	3/2	1TMSIT10	01TMSITN	5/2	
	SISL810	1SISL810	4/5	DMAAD071	ODMA2071	3/3	MESSAGE SWITCH PERIPHERAL UNIT 032-000			00SR	000SM3R	9/4	DMAAD071	ODMA1071	3/2	1ACCDALR	01ACCDALN	5/2	1TMSIT11	01TMSITP	5/2	
	SISL820	1SISL820	4/5	DMAAD081	ODMA2081	3/3				00S3B	000SM3	9/4	DMAAD081	ODMA1081	3/2	1ACTCDAL	01ACCDALP	5/2	1TMSRDY0	01TMSRDNP	5/2	
J	SISL830	1SISL830	4/5	DMAAD091	ODMA2091	3/3				00S3B	000SM3	9/4	DMAAD091	ODMA1091	3/2	1DATVAL0	01DTVALN	5/2	1TMSRDY1	01TMSRDNP	5/2	
	SISL840	1SISL840	4/5	DMAAD101	ODMA2101	3/3	+5PHR01	000L30	3/4	RISLO	ORISL830	3/4	DMAAD101	ODMA1101	3/2	1DATVAL1	01DTVALP	5/2	1TMSRST0	01TMSRTN	5/2	
	SISL850	1SISL850	4/5	DMAAD111	ODMA2111	3/3	-48PHR	-48V036	9/4	RQIP3B	ORIPMS3	9/4	DMAAD111	ODMA1111	3/2	OLINT10	00LINTNP	5/2	1TMSRST1	01TMSRTP	5/2	
	SR100	1SR100	4/5	DMAAD121	ODMA2121	3/3	-48RTN	RTN036	9/4	RQIP3B	ORIPMS3	9/4	DMAAD121	ODMA1121	3/2	OLINT11	00LINTNP	5/2	1TMSSELO	01TMSSLN	5/2	
K	SR110	1SR110	4/5	DMAAD131	ODMA2131	3/3	ACSA0	OCSA300	3/4	RQIP3BR	ORIPMS3R	9/4	DMAAD131	ODMA1131	3/2	OLISELO	00LISELN	5/2	1TMSSEL1	01TMSSSLP	5/2	
	SR120	1SR120	4/5	DMAAD141	ODMA2141	3/3	AERRO	OER300	3/4	RQIP3BR	ORIPMS3R	9/4	DMAAD141	ODMA1141	3/2	OLISEL1	00LISELP	5/2	1TMSRST0	01TMSRTN	5/2	
	SR130	1SR130	4/5	DMAAD151	ODMA2151	3/3	AINTR0	OINT300	3/4	SCXR	OSCXMS3R	9/4	DMAAD151	ODMA1151	3/2	OLINT10	00LINTNP	5/2	1TMSRST1	01TMSRTP	5/2	
	SR200	1SR200	4/5	DMAADAP1	ODMA281	3/3	ALMC2	ALM036	9/4	SCXR	OSCXMS3R	9/4	DMAADAP1	ODMA181	3/2	OLINT11	00LINTNP	5/2	1TMSSELO	01TMSSLN	5/2	
L	SR210	1SR210	4/5	DMAAD001	ODMA201	3/3	APCSELO	OPCSL300	3/4	SCX3B	OSCXMS3	9/4	DMAAD001	ODMA101	3/2	OLISELO	00LISELN	5/2	1TMSSEL1	01TMSSSLP	5/2	
	SR220	1SR220	4/5	DMAAD011	ODMA2011	3/3	ASR0	OSR300	3/4	SCX3B	OSCXMS3	9/4	DMAAD011	ODMA1011	3/2	OLISEL1	00LISELP	5/2	1TMSRST0	01TMSRTN	5/2	
	SR230	1SR230	4/5	DMAAD021	ODMA2021	3/3	BESAO	OCSA310	3/4	SCYR	OSCYMS3R	9/4	DMAAD021	ODMA1021	3/2	OLINT10	00LINTNP	5/2	1TMSRST1	01TMSRTP	5/2	
	SR300	1SR300	4/5	DMAAD031	ODMA2031	3/3	BERR0	OER310	3/4	SCYR												

	0	1	2	3	4	5	6	7	8	9		
	INTRAFRAME LEAD INDEX (CONT)											
A	DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION		
	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.	ON-UNIT (TERM. MOD)	ON-FRAME	FS/SYM LOC.
B	MESSAGE SWITCH PERIPHERAL UNIT 058-000 (CONT)			MESSAGE SWITCH PERIPHERAL UNIT 058-000 (CONT)			MESSAGE SWITCH PERIPHERAL UNIT 124-000 (CONT)			MESSAGE SWITCH PERIPHERAL UNIT 132-000 (CONT)		
	ADMA00	ADMA01	ADMA02	ADMA03	ADMA04	ADMA05	ADMA06	ADMA07	ADMA08	ADMA09	ADMA10	ADMA11
C	ADMA00			ADMA00			ADMA00			ADMA00		
	ADMA00	ADMA01	ADMA02	ADMA03	ADMA04	ADMA05	ADMA06	ADMA07	ADMA08	ADMA09	ADMA10	ADMA11
D	ADMA00			ADMA00			ADMA00			ADMA00		
	ADMA00	ADMA01	ADMA02	ADMA03	ADMA04	ADMA05	ADMA06	ADMA07	ADMA08	ADMA09	ADMA10	ADMA11
E	ADMA00			ADMA00			ADMA00			ADMA00		
	ADMA00	ADMA01	ADMA02	ADMA03	ADMA04	ADMA05	ADMA06	ADMA07	ADMA08	ADMA09	ADMA10	ADMA11
F	ADMA00			ADMA00			ADMA00			ADMA00		
	ADMA00	ADMA01	ADMA02	ADMA03	ADMA04	ADMA05	ADMA06	ADMA07	ADMA08	ADMA09	ADMA10	ADMA11
G	ADMA00			ADMA00			ADMA00			ADMA00		
	ADMA00	ADMA01	ADMA02	ADMA03	ADMA04	ADMA05	ADMA06	ADMA07	ADMA08	ADMA09	ADMA10	ADMA11
H	ADMA00			ADMA00			ADMA00			ADMA00		
	ADMA00	ADMA01	ADMA02	ADMA03	ADMA04	ADMA05	ADMA06	ADMA07	ADMA08	ADMA09	ADMA10	ADMA11
I	ADMA00			ADMA00			ADMA00			ADMA00		
	ADMA00	ADMA01	ADMA02	ADMA03	ADMA04	ADMA05	ADMA06	ADMA07	ADMA08	ADMA09	ADMA10	ADMA11
J	ADMA00			ADMA00			ADMA00			ADMA00		
	ADMA00	ADMA01	ADMA02	ADMA03	ADMA04	ADMA05	ADMA06	ADMA07	ADMA08	ADMA09	ADMA10	ADMA11
K	ADMA00			ADMA00			ADMA00			ADMA00		
	ADMA00	ADMA01	ADMA02	ADMA03	ADMA04	ADMA05	ADMA06	ADMA07	ADMA08	ADMA09	ADMA10	ADMA11
L	ADMA00			ADMA00			ADMA00			ADMA00		
	ADMA00	ADMA01	ADMA02	ADMA03	ADMA04	ADMA05	ADMA06	ADMA07	ADMA08	ADMA09	ADMA10	ADMA11
M	ADMA00			ADMA00			ADMA00			ADMA00		
	ADMA00	ADMA01	ADMA02	ADMA03	ADMA04	ADMA05	ADMA06	ADMA07	ADMA08	ADMA09	ADMA10	ADMA11
N	ADMA00			ADMA00			ADMA00					

INTRAFRAME LEAD INDEX (CONT)

DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION			DESIGNATION		
ON-UNIT	ON-FRAME	FS/SYM	ON-UNIT	ON-FRAME	FS/SYM	ON-UNIT	ON-FRAME	FS/SYM	ON-UNIT	ON-FRAME	FS/SYM	ON-UNIT	ON-FRAME	FS/SYM
(TERM. MOD)		LOC.	(TERM. MOD)		LOC.	(TERM. MOD)		LOC.	(TERM. MOD)		LOC.	(TERM. MOD)		LOC.
MESSAGE SWITCH PERIPHERAL UNIT			MESSAGE SWITCH PERIPHERAL UNIT			MESSAGE SWITCH PERIPHERAL UNIT			MESSAGE SWITCH PERIPHERAL UNIT			MESSAGE SWITCH PERIPHERAL UNIT		
149-000 (CONT)			MODEL 2 058-000 (CONT)			MODEL 2 158-000 (CONT)			MODEL 2 158-000 (CONT)			MODEL 2 158-000 (CONT)		
1MINT11	11MINTP	6/2	B-48RTN	RTN062B	9/10	ADMAAD13	1DMA4131	4/6	BBSR0	1SR510	4/6	B1TDATAN	111DATSR	2/5
1MISELO	11MISELN	6/2	BALMC2	ALM062B	9/10	ADMAAD14	1DMA4141	4/6	BCHDINT0	1CINT50	4/6	B1TDATAP	111DATS	2/5
1MISEL1	11MISELP	6/2	B00SR	000SM5SR	9/9	ADMAAD15	1DMA4151	4/6	BDMAAD00	1DMA5001	4/6	GRD04036	1GRD0530	4/6
1NCKIT10	11NCKINTP	6/2	B00SR	000SM5R	9/9	ADMAADAP1	1DMA4081	4/6	BDMAAD01	1DMA5011	4/6	GRD04036	1GRD0531	4/6
1NCKIT11	11NCKINTN	6/2	B00S3B	000SM5S	9/9	ADMAAD00	1DMA4001	4/6	BDMAAD02	1DMA5021	4/6	GRD04036	1GRD0532	4/6
1NCKSELO	11NCKSELN	6/2	B00S3B	000SM5S	9/9	ADMAAD01	1DMA4011	4/6	BDMAAD03	1DMA5031	4/6	GRD04036	1GRD0533	4/6
1NCKSEL1	11NCKSELP	6/2	BRQIP3B	ORIPMS5	9/9	ADMAAD02	1DMA4021	4/6	BDMAAD04	1DMA5041	4/6	GRD04126	1GRD0280	4/6
1RCVDAT0	11RCVD0TN	6/2	BRQIP3B	ORIPMS	9/9	ADMAAD03	1DMA4031	4/6	BDMAAD05	1DMA5051	4/6	GRD04126	1GRD0281	4/6
1RCVDAT1	11RCVDTP	6/2	BRQIP3BR	ORIPMS5R	9/9	ADMAAD04	1DMA4041	4/6	BDMAAD06	1DMA5061	4/6	GRD04126	1GRD0282	4/6
1SCDALR	11SCDALN	6/2	BRQIP3BR	ORIPMSR	9/9	ADMAAD05	1DMA4051	4/6	BDMAAD07	1DMA5071	4/6	GRD04126	1GRD0283	4/6
1STACDAL	11SCDALP	6/2	BSCXR	0SCXMS5R	9/9	ADMAAD06	1DMA4061	4/6	BDMAAD08	1DMA5081	4/6	SPARE01	SPARE412	4/6
1TMSIT10	11TMSITN	6/2	BSCXR	0SCXMSR	9/9	ADMAAD07	1DMA4071	4/6	BDMAAD09	1DMA5091	4/6	SPARE02	SPARE413	4/6
1TMSIT11	11TMSITP	6/2	BSCX3B	0SCXMS5	9/9	ADMAOPC0	1DMA0C40	4/6	BDMAAD10	1DMA5101	4/6	SPARE03	SPARE414	4/6
1TMSRDY0	11TMSRDY0	6/2	BSCX3B	0SCXMS	9/9	ADMAR00	1DMAR040	4/6	BDMAAD11	1DMA5111	4/6	SPARE04	SPARE420	4/6
1TMSRDY1	11TMSRDY1	6/2	BSCYR	0SCYMS5R	9/9	ADMAREQ0	1DMA0R40	4/6	BDMAAD12	1DMA5121	4/6	SPARE05	SPARE430	4/6
1TMSRST0	11TMSRSTN	6/2	BSCYR	0SCYMSR	9/9	ADMAHT0	1DMAHR40	4/6	BDMAAD13	1DMA5131	4/6	SPARE06	SPARE420	4/6
1TMSRST1	11TMSRSTP	6/2	BSCY3B	0SCYMS5	9/9	A1N1TPC0	1CLRPC40	4/6	BDMAAD14	1DMA5141	4/6	SPARE07	SPARE430	4/6
1TMSSELO	11TMSSELN	6/2	BSCY3B	0SCYMS	9/9	A00SR	100SM54R	10/9	BDMAAD15	1DMA5151	4/6	SPARE08	SPARE415	4/6
1TMSSEL1	11TMSSELP	6/2	B0CLKN	004MCK5R	1/5	A00SR	100SM4R	10/9	BDMAADAP1	1DMA5081	4/6	SPARE09	SPARE416	4/6
1TMSSR0	11TMSSRN	6/2	B0CLKP	004MCK5	1/5	A00S3B	100SM54	10/9	BDMAAD00	1DMA5001	4/6	SPARE10	SPARE417	4/6
1TMSR1	11TMSRP	6/2	B0RDATAN	000DAT5R	1/5	A00S3B	100SM4	10/9	BDMAAD01	1DMA5011	4/6	SPARE11	SPARE418	4/6
1TRCLK0	11TRCLKN	6/2	B0RDATAP	000DAT5	1/5	ARISLO	1RISLB40	4/6	BDMAAD02	1DMA5021	4/6	SPARE12	SPARE420	4/6
1TRCLK1	11TRCLKP	6/2	B0SYNCP	00SYNCSR	1/5	ARQIP3B	1RIPMS4	10/9	BDMAAD03	1DMA5031	4/6	SPARE13	SPARE430	4/6
1TRMDAT0	11TRMDTN	6/2	B0SYNCP	00SYNCS	1/5	ARQIP3B	1RIPM4	10/9	BDMAAD04	1DMA5041	4/6	SPARE14	SPARE430	4/6
1TRMDAT1	11TRMDTP	6/2	B0TDATAN	001DAT5R	1/5	ARQIP3BR	1RIPMS4R	10/9	BDMAAD05	1DMA5051	4/6	SPARE15	SPARE420	4/6
MESSAGE SWITCH PERIPHERAL UNIT			B0TDATAP	001DAT5	1/5	ARQIP3BR	1RIPM4R	10/9	BDMAAD06	1DMA5061	4/6	SPARE16	SPARE410	4/6
MODEL 2 058-000			B1CLKN	014MCK5R	1/5	ASCXR	1SCXMS4R	10/9	BDMAAD07	1DMA5071	4/6	SPARE17	SPARE482	4/6
			B1CLKP	014MCK5	1/5	ASCXR	1SCXMR	10/9	BDMAOPC0	1DMA0C50	4/6	SPARE18	SPARE430	4/6
A-48PWR	-48V062A	9/10	B1RDATAN	010DAT5R	1/5	ASCX3B	1SCXMS4	10/9	BDMAR00	1DMAR050	4/6	SPARE19	SPARE411	4/6
A-48RTN	RTN062A	9/10	B1RDATAP	010DAT5	1/5	ASCX3B	1SCXMR	10/9	BDMAREQ0	1DMAR050	4/6	SPARE20	SPARE420	4/6
AALMC2	ALM062A	9/10	B1SYNCP	01SYNCSR	1/5	ASCYR	1SCYMS4R	10/9	BDMAHT0	1DMAHR50	4/6	SPARE21	SPARE521	4/6
A00SR	000SM54R	9/9	B1SYNCP	01SYNCS	1/5	ASCYR	1SCYMR	10/9	B1N1TPC0	1CLRPC50	4/6	SPARE22	SPARE522	4/6
A00SR	000SM4R	9/9	B1TDATAN	011DAT5R	1/5	ASCY3B	1SCYMS4	10/9	B00SR	100SM5SR	10/9	SPARE23	SPARE523	4/6
A00S3B	000SM54	9/9	B1TDATAP	011DAT5	1/5	ASCY3B	1SCYMR	10/9	B00SR	100SM5R	10/9	SPARE24	SPARE520	4/6
A00S3B	000SM4	9/9	MESSAGE SWITCH PERIPHERAL UNIT			ASISLO	1SISLB40	4/6	B00S3B	100SM5S	10/9	SPARE25	SPARE530	4/6
ARQIP3B	ORIPMS4	9/9	MODEL 2 158-000			A0CLKN	104MCK4R	2/5	B00S3B	100SM5	10/9	SPARE26	SPARE520	4/6
ARQIP3B	ORIPM4	9/9	A-5PWR01	100L40	4/6	A0CLKP	104MCK4	2/5	BRISLO	1RISLB50	4/6	SPARE27	SPARE530	4/6
ARQIP3BR	ORIPMS4R	9/9	A-48PWR	-48V162A	10/10	A0RDATAN	100DAT4R	2/5	BRQIP3B	1RIPMS5	10/9	SPARE28	SPARE524	4/6
ARQIP3BR	ORIPM4R	9/9	A-48RTN	RTN162A	10/10	A0RDATAP	100DAT4	2/5	BRQIP3B	1RIPMS	10/9	SPARE29	SPARE525	4/6
ASCXR	0SCXMS4R	9/9	AACSAD	1CSA400	4/6	A0SYNCP	10SYNCR	2/5	BRQIP3BR	1RIPMS5R	10/9	SPARE30	SPARE526	4/6
ASCXR	0SCXMR	9/9	AAERRO	1ER400	4/6	A0SYNCP	10SYNCR	2/5	BRQIP3BR	1RIPMSR	10/9	SPARE31	SPARE527	4/6
ASCX3B	0SCXMS4	9/9	AAINTRO	1INT400	4/6	A0TDATAN	101DAT4R	2/5	BSCXR	1SCXMS5R	10/9	SPARE32	SPARE520	4/6
ASCX3B	0SCXMR	9/9	AALMC2	ALM162A	10/10	A0TDATAP	101DAT4	2/5	BSCXR	1SCXMSR	10/9	SPARE33	SPARE530	4/6
ASCYR	0SCYMS4R	9/9	AAPCSELO	1PCSL400	4/6	A1CLKN	114MCK4R	2/5	BSCX3B	1SCXMS5	10/9	SPARE34	SPARE530	4/6
ASCYR	0SCYMR	9/9	AASRO	1SR400	4/6	A1CLKP	114MCK4	2/5	BSCX3B	1SCXMS	10/9	SPARE35	SPARE520	4/6
ASCY3B	0SCYMS4	9/9	ABCSAO	1CSA410	4/6	A1RDATAN	110DAT4R	2/5	BSCYR	1SCYMS5R	10/9	SPARE36	SPARE519	4/6
ASCY3B	0SCYMR	9/9	ABERRO	1ER410	4/6	A1RDATAP	110DAT4	2/5	BSCYR	1SCYMSR	10/9	SPARE37	SPARE583	4/6
A0CLKN	004MCK4R	1/5	ABINTRO	1INT410	4/6	A1SYNCP	11SYNCR	2/5	BSCY3B	1SCYMS5	10/9	SPARE38	SPARE530	4/6
A0CLKP	004MCK4	1/5	ABPCSELO	1PCSL410	4/6	A1SYNCP	11SYNCR	2/5	BSCY3B	1SCYMS	10/9	SPARE39	SPARE520	4/6
A0RDATAN	000DAT4R	1/5	ABSR0	1SR410	4/6	A1TDATAN	111DAT4R	2/5	BSISLO	1SISLB50	4/6	SPARE40	SPARE520	4/6
A0RDATAP	000DAT4	1/5	ACHDINT0	1CINT40	4/6	A1TDATAP	111DAT4	2/5	B0CLKN	104MCK5R	2/5			
A0SYNCP	00SYNCR	1/5	ADMAAD00	1DMA4001	4/6	B-5PWR01	100L50	4/6	B0CLKP	104MCK5	2/5			
A0SYNCP	00SYNCR	1/5	ADMAAD01	1DMA4011	4/6	B-48PWR	-48V162B	10/10	B0RDATAN	100DAT5R	2/5			
A0TDATAN	001DAT4R	1/5	ADMAAD02	1DMA4021	4/6	B-48RTN	RTN162B	10/10	B0RDATAP	100DAT5	2/5			
A0TDATAP	001DAT4	1/5	BAFCSAO	1CSA500	4/6	BAFCSAO	1CSA500	4/6	B0SYNCP	10SYNCR	2/5			
A1CLKN	014MCK4R	1/5	ADMAAD03	1DMA4031	4/6	BAERRO	1ER500	4/6	B0SYNCP	10SYNCS	2/5			
A1CLKP	014MCK4	1/5	ADMAAD04	1DMA4041	4/6	BAINTRO	1INT500	4/6	B0TDATAN	101DAT5R	2/5			
A1RDATAN	010DAT4R	1/5	ADMAAD05	1DMA4051	4/6	BALMC2	ALM162B	10/10	B0TDATAP	101DAT5	2/5			
A1RDATAP	010DAT4	1/5	ADMAAD06	1DMA4061	4/6	BAPCSELO	1PCSL500	4/6	B1CLKN	114MCK5R	2/5			
A1SYNCP	01SYNCR	1/5	ADMAAD07	1DMA4071	4/6	BASRO	1SR500	4/6	B1CLKP	114MCK5	2/5			
A1SYNCP	01SYNCR	1/5	ADMAAD08	1DMA4081	4/6	BBCSAO	1CSA510	4/6	B1RDATAN	110DAT5R	2/5			
A1TDATAN	011DAT4R	1/5	ADMAAD09	1DMA4091	4/6	BBERRO	1ER510	4/6	B1RDATAP	110DAT5	2/5			
A1TDATAP	011DAT4	1/5	ADMAAD10	1DMA4101	4/6	BBINTRO	1INT510	4/6	B1SYNCP	11SYNCR	2/5			
B-48PWR	-48V062B	9/10	ADMAAD11	1DMA4111	4/6	BBPCSELO	1PCSL510	4/6						
			ADMAAD12	1DMA4121	4/6									

ISSUE
58

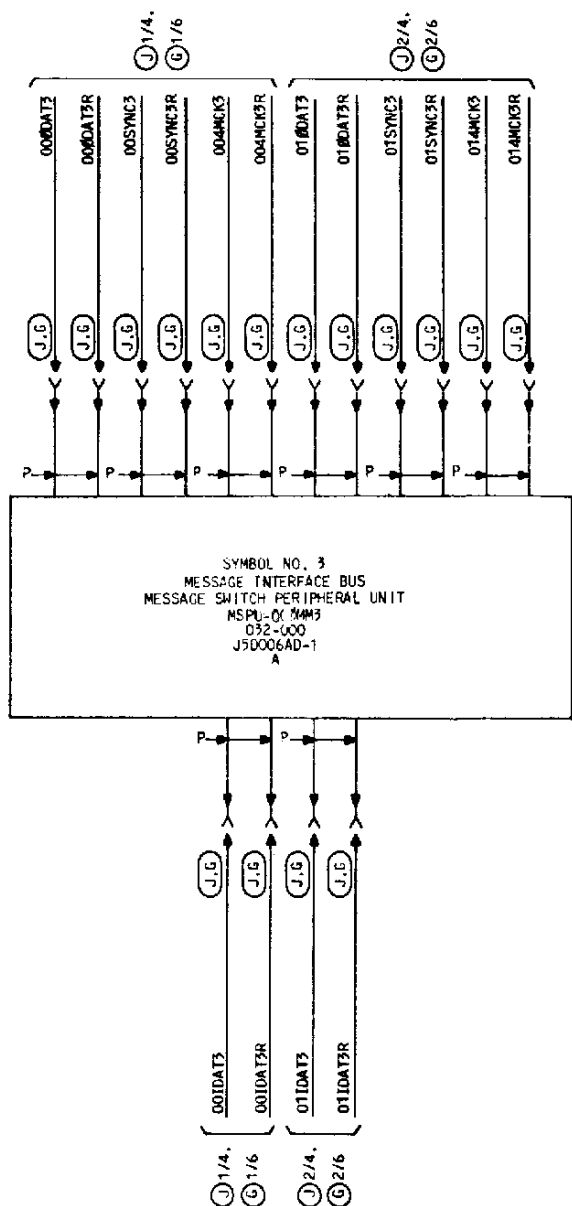
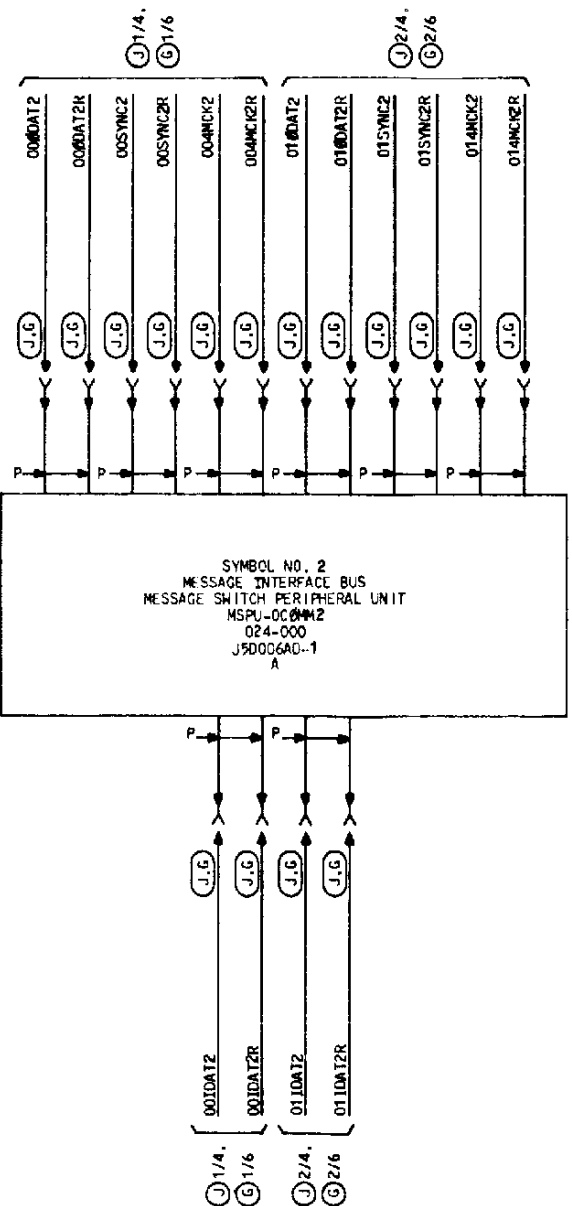
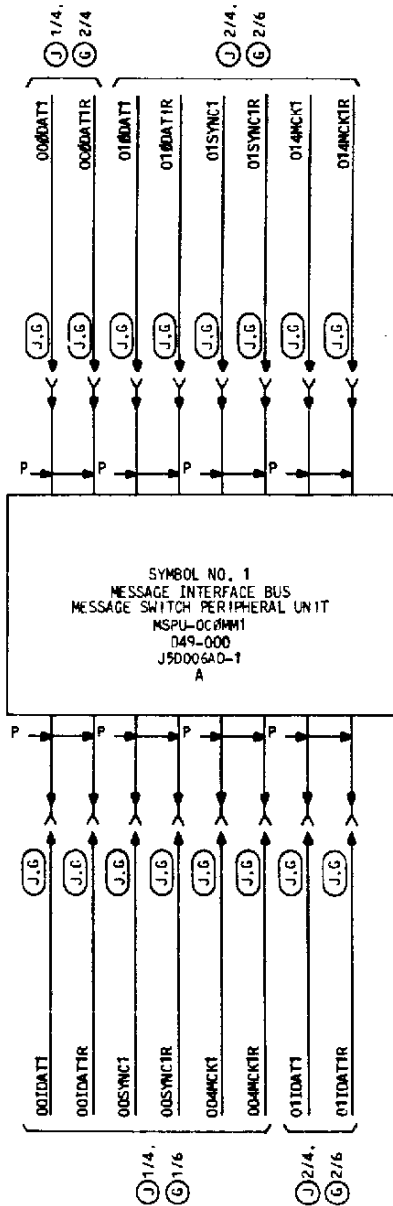
MESSAGE SWITCH CABINET

SD-5D146-01-A17

AT&T BELL LABORATORIES

ONE SIZE
C2

PART OF FS I
 MESSAGE INTERFACE BUS
 (P/O INTERCONNECTION & FLOW DIAGRAM)



MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		68	5B
AT&T BELL LABORATORIES	SD-5D146-01	BIAA	

PART OF FS I

0 MESSAGE INTERFACE BUS
(P/O INTERCONNECTION & FLOW DIAGRAM)

SYMBOL NO. 4
MESSAGE LINK
MESSAGE INTERFACE / CLOCK UNIT
MICU-0
015-000
J50006AA-1
C

MESSAGE SWITCH CABINET

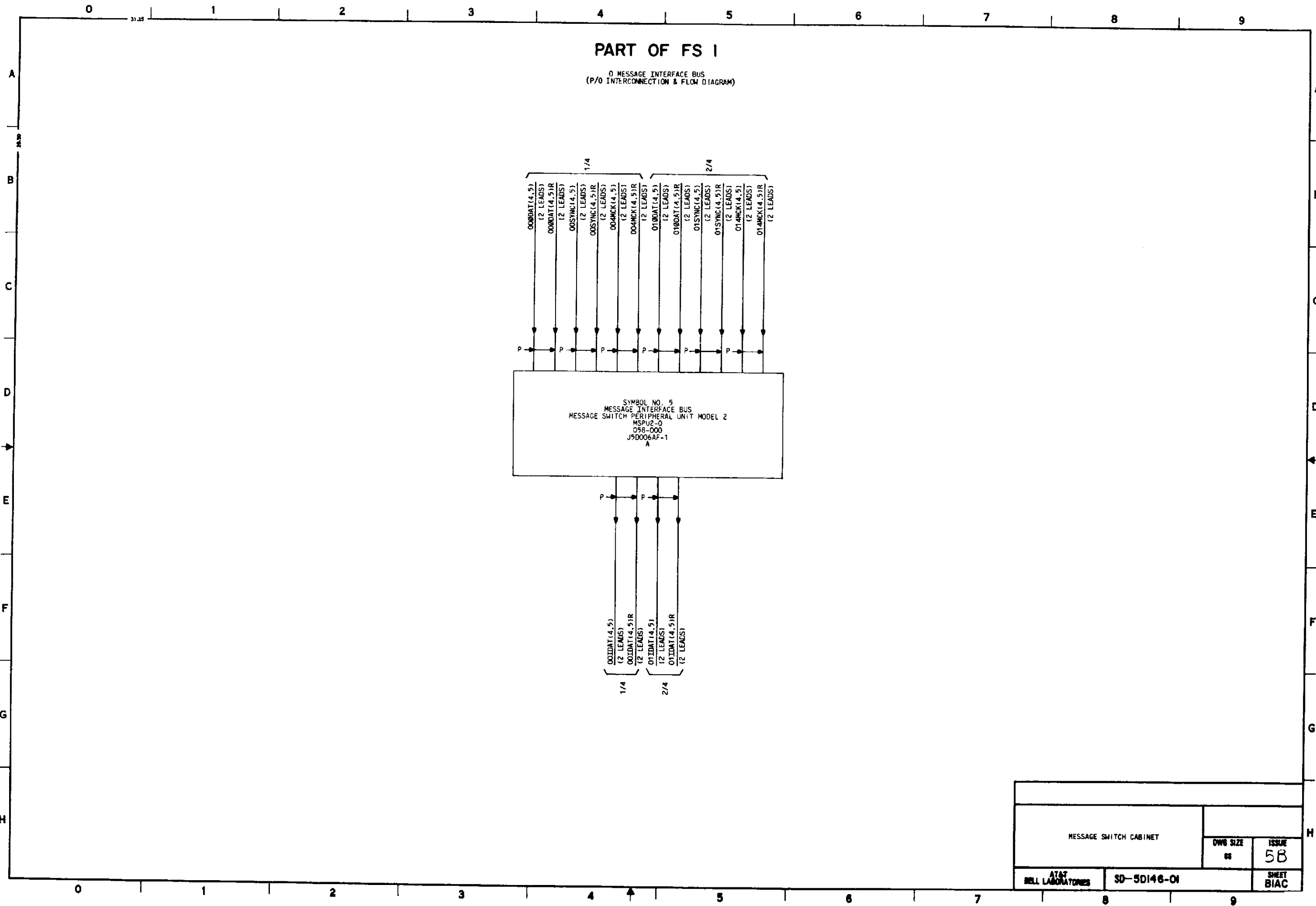
OWN SIZE
M

ISSUE
58

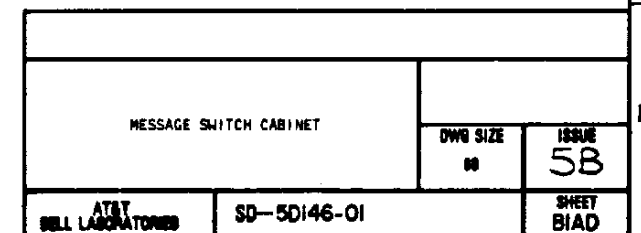
AT&T
BELL LABORATORIES

SD- 50146-01

BIAB



0 MESSAGE INTERFACE BUS
(P/O INTERCONNECTION & FLOW DIAGRAM)



PART OF FS 1
D MESSAGE INTERFACE BUS

SYMBOL NO. 1
MESSAGE INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG EOPT LOC CODE ELEM IDENT OPT
MSPU-0C1 049-000 JSD006AD-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-048-236				OTDAP	1/2
	0	04-048-241				OTDAP	1/2
	0	04-048-236				OTDAP	1/2
	0	04-048-341				OTDAP	1/2
	1	04-048-234				OSYNCP	1/3
	1	04-048-235				OSYNCP	1/3
	1	04-048-237				ORDATAP	1/2
	1	04-048-239				OSYNCP	1/2
	1	04-048-240				OSYNCP	1/2
	1	04-048-242				ORDATAP	1/2
	1	04-048-334				OSYNCP	1/2
	1	04-048-335				OSYNCP	1/2
	1	04-048-337				ORDATAP	1/2
	1	04-048-339				OSYNCP	1/2
	1	04-048-340				OSYNCP	1/2
001DAT1	0	04-048-342	(J)	(J)1/4	P/001DAT1R	ORDATAP	1/2
	0	04-056-336	(G)	(G)1/6	P/001DAT1R	OTDAP	1/2
001DAT1R	0	04-056-236	(J)	(J)1/4	P/001DAT1	OTDAP	1/2
	0	04-056-236	(G)	(G)1/6	P/001DAT1	OTDAP	1/2
000DAT1	1	04-056-337	(G)	(G)1/6	P/000DAT1R	ORDATAP	1/2
	1	04-056-337	(J)	(J)1/4	P/000DAT1R	ORDATAP	1/2
000DAT1R	1	04-056-237	(J)	(J)1/4	P/000DAT1	ORDATAP	1/2
	1	04-056-237	(G)	(G)1/6	P/000DAT1	ORDATAP	1/2
005SYN1	OT	04-056-334	(G)	(G)1/6	P/005SYN1R	OSYNCP	1/3
	OT	04-056-334	(J)	(J)1/4	P/005SYN1R	OSYNCP	1/3
005SYN1R	OT	04-056-234	(J)	(J)1/4	P/005SYN1	OSYNCP	1/3
	OT	04-056-234	(G)	(G)1/6	P/005SYN1	OSYNCP	1/3
004MCK1	OT	04-056-234	(G)	(G)1/6	P/004MCK1R	OSYNCP	1/3
	OT	04-056-335	(G)	(G)1/6	P/004MCK1R	OSYNCP	1/3
	OT	04-056-335	(J)	(J)1/4	P/004MCK1R	OSYNCP	1/3
004MCK1R	OT	04-056-235	(J)	(J)1/4	P/004MCK1	OSYNCP	1/3
	OT	04-056-235	(G)	(G)1/6	P/004MCK1	OSYNCP	1/3
011DAT1	0	04-056-341	(J)	(J)2/4	P/011DAT1R	OTDAP	1/2
	0	04-056-341	(G)	(G)2/6	P/011DAT1R	OTDAP	1/2
011DAT1R	0	04-056-241	(G)	(G)2/6	P/011DAT1	OTDAP	1/2
	0	04-056-241	(J)	(J)2/4	P/011DAT1	OTDAP	1/2
010DAT1	1	04-056-342	(J)	(J)2/4	P/010DAT1R	ORDATAP	1/2
	1	04-056-342	(G)	(G)2/6	P/010DAT1R	ORDATAP	1/2
010DAT1R	1	04-056-242	(J)	(J)2/4	P/010DAT1	ORDATAP	1/2
	1	04-056-242	(G)	(G)2/6	P/010DAT1	ORDATAP	1/2
015SYN1	1	04-056-242	(G)	(G)2/6	P/015SYN1R	OSYNCP	1/3
	1	04-056-339	(J)	(J)2/4	P/015SYN1R	OSYNCP	1/3
	1	04-056-339	(G)	(G)2/6	P/015SYN1R	OSYNCP	1/3
015SYN1R	1	04-056-239	(J)	(J)2/4	P/015SYN1	OSYNCP	1/3
	1	04-056-239	(G)	(G)2/6	P/015SYN1	OSYNCP	1/3
014MCK1	1	04-056-340	(G)	(G)2/6	P/014MCK1R	OSYNCP	1/3
	1	04-056-340	(J)	(J)2/4	P/014MCK1R	OSYNCP	1/3
014MCK1R	1	04-056-240	(J)	(J)2/4	P/014MCK1	OSYNCP	1/3
	1	04-056-240	(G)	(G)2/6	P/014MCK1	OSYNCP	1/3

SYMBOL NO. 2
MESSAGE INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG EOPT LOC CODE ELEM IDENT OPT
MSPU-0C2 024-000 JSD006AD-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-056-234				OSYNCP	1/3
	0	04-056-235				OSYNCP	1/3
	0	04-056-236				OTDAP	1/2
	0	04-056-241				OTDAP	1/2
	0	04-056-334				OSYNCP	1/3
	0	04-056-335				OSYNCP	1/3
	0	04-056-336				OTDAP	1/2
	0	04-056-341				OTDAP	1/2
	1	04-056-237				ORDATAP	1/2
	1	04-056-239				OSYNCP	1/3
	1	04-056-240				OSYNCP	1/3
	1	04-056-242				ORDATAP	1/2
	1	04-056-337				ORDATAP	1/2
	1	04-056-339				OSYNCP	1/3
	1	04-056-340				OSYNCP	1/3
001DAT2	1	04-056-342	(J)	(J)1/4	P/001DAT2R	ORDATAP	1/2
	0	04-048-336	(G)	(G)1/6	P/001DAT2R	OTDAP	1/2
001DAT2R	0	04-048-236	(G)	(G)1/6	P/001DAT2	OTDAP	1/2
	0	04-048-236	(J)	(J)1/4	P/001DAT2	OTDAP	1/2
000DAT2	1	04-048-337	(J)	(J)1/4	P/000DAT2R	ORDATAP	1/2
	1	04-048-337	(G)	(G)1/6	P/000DAT2R	ORDATAP	1/2
000DAT2R	1	04-048-237	(G)	(G)1/6	P/000DAT2	ORDATAP	1/2
	1	04-048-237	(J)	(J)1/4	P/000DAT2	ORDATAP	1/2
005SYN2	1	04-048-334	(J)	(J)1/4	P/005SYN2R	OSYNCP	1/2
	1	04-048-334	(G)	(G)1/6	P/005SYN2R	OSYNCP	1/2
005SYN2R	1	04-048-234	(G)	(G)1/6	P/005SYN2	OSYNCP	1/2
	1	04-048-234	(J)	(J)1/4	P/005SYN2	OSYNCP	1/2
004MCK2	1	04-048-234	(J)	(J)1/4	P/004MCK2R	OSYNCP	1/2
	1	04-048-335	(J)	(J)1/4	P/004MCK2R	OSYNCP	1/2
	1	04-048-335	(G)	(G)1/6	P/004MCK2R	OSYNCP	1/2
004MCK2R	1	04-048-235	(G)	(G)1/6	P/004MCK2	OSYNCP	1/2
	1	04-048-235	(J)	(J)1/4	P/004MCK2	OSYNCP	1/2
011DAT2	0	04-048-341	(J)	(J)2/4	P/011DAT2R	OTDAP	1/2
	0	04-048-341	(G)	(G)2/6	P/011DAT2R	OTDAP	1/2
011DAT2R	0	04-048-241	(G)	(G)2/6	P/011DAT2	OTDAP	1/2
	0	04-048-241	(J)	(J)2/4	P/011DAT2	OTDAP	1/2
010DAT2	1	04-048-342	(G)	(G)2/6	P/010DAT2R	ORDATAP	1/2
	1	04-048-342	(J)	(J)2/4	P/010DAT2R	ORDATAP	1/2
010DAT2R	1	04-048-242	(J)	(J)2/4	P/010DAT2	ORDATAP	1/2
	1	04-048-242	(G)	(G)2/6	P/010DAT2	ORDATAP	1/2
015SYN2	1	04-048-242	(G)	(G)2/6	P/015SYN2R	OSYNCP	1/2
	1	04-048-339	(J)	(J)2/4	P/015SYN2R	OSYNCP	1/2
	1	04-048-339	(G)	(G)2/6	P/015SYN2R	OSYNCP	1/2
015SYN2R	1	04-048-239	(G)	(G)2/6	P/015SYN2	OSYNCP	1/2
	1	04-048-239	(J)	(J)2/4	P/015SYN2	OSYNCP	1/2
014MCK2	1	04-048-340	(G)	(G)2/6	P/014MCK2R	OSYNCP	1/2
	1	04-048-340	(J)	(J)2/4	P/014MCK2R	OSYNCP	1/2
014MCK2R	1	04-048-240	(J)	(J)2/4	P/014MCK2	OSYNCP	1/2
	1	04-048-240	(G)	(G)2/6	P/014MCK2	OSYNCP	1/2

SYMBOL NO. 3
MESSAGE INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG EOPT LOC CODE ELEM IDENT OPT
MSPU-0C3 032-000 JSD006AD-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-056-234				OSYNCP	1/3
	0	04-056-235				OSYNCP	1/3
	0	04-056-236				OTDAP	1/2
	0	04-056-241				OTDAP	1/2
	0	04-056-334				OSYNCP	1/3
	0	04-056-335				OSYNCP	1/3
	0	04-056-336				OTDAP	1/2
	0	04-056-341				OTDAP	1/2
	1	04-056-237				ORDATAP	1/2
	1	04-056-239				OSYNCP	1/3
	1	04-056-240				OSYNCP	1/3
	1	04-056-242				ORDATAP	1/2
	1	04-056-337				ORDATAP	1/2
	1	04-056-339				OSYNCP	1/3
	1	04-056-340				OSYNCP	1/3
001DAT3	1	04-056-342	(J)	(J)1/4	P/001DAT3R	ORDATAP	1/2
	0	04-048-336	(G)	(G)1/6	P/001DAT3R	OTDAP	1/2
001DAT3R	0	04-048-236	(G)	(G)1/6	P/001DAT3	OTDAP	1/2
	0	04-048-236	(J)	(J)1/4	P/001DAT3	OTDAP	1/2
000DAT3	1	04-048-337	(J)	(J)1/4	P/000DAT3R	ORDATAP	1/2
	1	04-048-337	(G)	(G)1/6	P/000DAT3R	ORDATAP	1/2
000DAT3R	1	04-048-237	(J)	(J)1/4	P/000DAT3	ORDATAP	1/2
	1	04-048-237	(G)	(G)1/6	P/000DAT3	ORDATAP	1/2
005SYN3	1	04-048-334	(J)	(J)1/4	P/005SYN3R	OSYNCP	1/2
	1	04-048-334	(G)	(G)1/6	P/005SYN3R	OSYNCP	1/2
005SYN3R	1	04-048-234	(G)	(G)1/6	P/005SYN3	OSYNCP	1/2
	1	04-048-234	(J)	(J)1/4	P/005SYN3	OSYNCP	1/2
004MCK3	1	04-048-234	(J)	(J)1/4	P/004MCK3R	OSYNCP	1/2
	1	04-048-335	(G)	(G)1/6	P/004MCK3R	OSYNCP	1/2
	1	04-048-335	(J)	(J)1/4	P/004MCK3R	OSYNCP	1/2
004MCK3R	1	04-048-235	(J)	(J)1/4	P/004MCK3	OSYNCP	1/2
	1	04-048-235	(G)	(G)1/6	P/004MCK3	OSYNCP	1/2
011DAT3	0	04-048-341	(J)	(J)2/4	P/011DAT3R	OTDAP	1/2
	0	04-048-341	(G)	(G)2/6	P/011DAT3R	OTDAP	1/2
011DAT3R	0	04-048-241	(G)	(G)2/6	P/011DAT3	OTDAP	1/2
	0	04-048-241	(J)	(J)2/4	P/011DAT3	OTDAP	1/2
010DAT3	1	04-048-342	(J)	(J)2/4	P/010DAT3R	ORDATAP	1/2
	1	04-048-342	(G)	(G)2/6	P/010DAT3R	ORDATAP	1/2
010DAT3R	1	04-048-242	(G)	(G)2/6	P/010DAT3	ORDATAP	1/2
	1	04-048-242	(J)	(J)2/4	P/010DAT3	ORDATAP	1/2
015SYN3	1	04-048-242	(J)	(J)2/4	P/015SYN3R	OSYNCP	1/2
	1	04-048-339	(G)	(G)2/6	P/015SYN3R	OSYNCP	1/2
	1	04-048-339	(J)	(J)2/4	P/015SYN3R	OSYNCP	1/2
015SYN3R	1	04-048-239	(G)	(G)2/6	P/015SYN3	OSYNCP	1/2
	1	04-048-239	(J)	(J)2/4	P/015SYN3	OSYNCP	1/2
014MCK3	1	04-048-340	(J)	(J)2/4	P/014MCK3R	OSYNCP	1/2
	1	04-048-340	(G)	(G)2/6	P/014MCK3R	OSYNCP	1/2
014MCK3R	1	04-048-240	(G)	(G)2/6	P/014MCK3	OSYNCP	1/2
	1	04-048-240	(J)	(J)2/4	P/014MCK3	OSYNCP	1/2

PART OF FS 1
SYMBOL(S) 1 2 3

MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		2	58
AT&T BELL LABORATORIES		SD-50146-01	
		B1CA	

PRINTED IN U. S. A. 02/12/85

PART OF FS 1

0 MESSAGE INTERFACE BUS

SYMBOL NO. 4 (CONT)

MESSAGE LINK
MESSAGE INTERFACE/CLOCK UNIT

SYMBOL NO. 4

MESSAGE LINK
MESSAGE INTERFACE/CLOCK UNIT

DESIG	EOP	LOC	CODE	ELEM	IDENT	OPT
MICU-0	015-000	J50006AA-1		C		(U)

DESIG	EOP	LOC	CODE	ELEM	IDENT	OPT
MICU-0	015-000	J50006AA-1		C		(U)

SYMBOL NO. 4 (CONT)

MESSAGE LINK
MESSAGE INTERFACE/CLOCK UNIT

DESIG	EOP	LOC	CODE	ELEM	IDENT	OPT
MICU-0	015-000	J50006AA-1		C		(U)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-074-014				4MCK7CRA	3/4
	0	04-074-016				ODAT7CRA	3/4
	0	04-074-017				SYNC6CRA	3/4
	0	04-074-018				4MCK6CRA	3/4
	0	04-074-020				ODAT6CRA	3/4
	0	04-074-053				SYNC5CRA	3/4
	0	04-074-054				4MCK0CRA	3/4
	0	04-074-056				ODAT0CRA	3/4
	0	04-074-113				SYNC7CRA	3/4
	0	04-074-114				4MCK7CRA	3/4
	0	04-074-116				ODAT7CRA	3/4
	0	04-074-117				SYNC6CRA	3/4
	0	04-074-118				4MCK6CRA	3/4
	0	04-074-120				ODAT6CRA	3/4
	0	04-074-153				SYNC0CRA	3/4
	0	04-074-154				4MCK0CRA	3/4
	0	04-074-156				ODAT0CRA	3/4
	0	04-074-213				SYNC7SRA	3/4
	0	04-074-214				4MCK7SRA	3/4
	0	04-074-216				ODAT7SRA	3/4
	0	04-074-217				SYNC6SRA	3/4
	0	04-074-218				4MCK6SRA	3/4
	0	04-074-220				ODAT6SRA	3/4
	0	04-074-253				SYNC0SRA	3/4
	0	04-074-254				4MCK0SRA	3/4
	0	04-074-256				ODAT0SRA	3/4
	0	04-074-313				SYNC7SRA	3/4
	0	04-074-314				4MCK7SRA	3/4
	0	04-074-316				ODAT7SRA	3/4
	0	04-074-317				SYNC6SRA	3/4
	0	04-074-318				4MCK6SRA	3/4
	0	04-074-320				ODAT6SRA	3/4
	0	04-074-353				SYNC0SRA	3/4
	0	04-074-354				4MCK0SRA	3/4
	0	04-074-356				ODAT0SRA	3/4
	1	04-074-015				IDAT7CRA	3/4
	1	04-074-019				IDAT6CRA	3/4
	1	04-074-055				IDAT0CRA	3/4
	1	04-074-115				IDAT7CRA	3/4
	1	04-074-119				IDAT6CRA	3/4
	1	04-074-155				IDAT0CRA	3/4
	1	04-074-215				IDAT7SRA	3/4
	1	04-074-219				IDAT6SRA	3/4
	1	04-074-255				IDAT0SRA	3/4
	1	04-074-315				IDAT7SRA	3/4
	1	04-074-319				IDAT6SRA	3/4
	1	04-074-355				IDAT0SRA	3/4
CLK4MHZ	1	04-106-156	(X)	(X)2/4	P/CLK4MHZ	MATEEN	2/2
CLK4MHZ	GRD	04-106-056	(X)	(X)2/4	P/CLK4MHZ	MATEEN	3/1
MATEEN	GRD	04-106-152	(X)	(X)2/4	P/MATEEN	MATEEN	2/2
MATEEN	GRD	04-106-052	(X)	(X)2/4	P/MATEEN	MATEEN	3/1
NC	0	04-074-013	(X)	(X)2/4	P/PU5VR	GRD04106	3/1
PU5VR	GRD	04-106-153	(X)	(X)2/4	P/PU5VR	GRD04106	2/2
PU5VR	GRD	04-106-053	(X)	(X)2/4	P/PU5VR	GRD04106	3/1
ORECVOP	1	03-1268-FO	(S)	(S)1/6	TO TIME	FOIN	2/4
					MULTIPLYED		
					SWITCH CABINET		
					BAY 0		
OSYN6MS	0	04-106-155	(X)	(X)2/4	P/OSYN6MS	OSYN6MS	2/2
OSYN6MSR	GRD	04-106-055	(X)	(X)2/4	P/OSYN6MS	GRD04106	3/1

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OXMITOP	OT	03-126A-FO	(S)	(S)1/6	TO TIME	FOOUT	2/3
					MULTIPLYED		
					SWITCH CABINET		
					BAY 0		
001DAT1	1	04-074-351	(J)	(J)1/1	P/001DAT1R	INDAT1SA	3/4
001DAT1R	1	04-074-251	(J)	(J)1/1	P/001DAT1	INDAT1SRA	3/4
001DAT2	1	04-074-347	(J)	(J)1/2	P/001DAT2R	INDAT2SA	3/4
001DAT2R	1	04-074-247	(J)	(J)1/2	P/001DAT2	INDAT2SRA	3/4
001DAT3	1	04-074-338	(J)	(J)1/3	P/001DAT3R	INDAT3SA	3/4
001DAT3R	1	04-074-238	(J)	(J)1/3	P/001DAT3	INDAT3SRA	3/4
001DAT4	1	04-074-334	(J)	(J)1/3	P/001DAT4R	INDAT4SA	3/4
001DAT4R	1	04-074-234	(J)	(J)1/3	P/001DAT4	INDAT4SRA	3/4
001DAT5	1	04-074-323	(J)	(J)1/5	P/001DAT5R	INDAT5SA	3/4
001DAT5R	1	04-074-223	(J)	(J)1/5	P/001DAT5	INDAT5SRA	3/4
000DAT1	0	04-074-352	(J)	(J)1/1	P/000DAT1R	ODAT1SA	3/4
000DAT1R	0	04-074-252	(J)	(J)1/1	P/000DAT1	ODAT1SRA	3/4
000DAT2	0	04-074-348	(J)	(J)1/2	P/000DAT2R	ODAT2SA	3/4
000DAT2R	0	04-074-248	(J)	(J)1/2	P/000DAT2	ODAT2SRA	3/4
000DAT3	0	04-074-339	(J)	(J)1/3	P/000DAT3R	ODAT3SA	3/4
000DAT3R	0	04-074-239	(J)	(J)1/3	P/000DAT3	ODAT3SRA	3/4
000DAT4	0	04-074-335	(J)	(J)1/5	P/000DAT4R	ODAT4SA	3/4
000DAT4R	0	04-074-235	(J)	(J)1/5	P/000DAT4	ODAT4SRA	3/4
000DAT5	0	04-074-324	(J)	(J)1/5	P/000DAT5R	ODAT5SA	3/4
000DAT5R	0	04-074-224	(J)	(J)1/5	P/000DAT5	ODAT5SRA	3/4
005SYNC1	OT	04-074-349	(J)	(J)1/1	P/005SYNC1R	SYNC1SA	3/4
005SYNC1R	OT	04-074-249	(J)	(J)1/1	P/005SYNC1	SYNC1SRA	3/4
005SYNC2	0	04-074-345	(J)	(J)1/2	P/005SYNC2R	SYNC2SA	3/4
005SYNC2R	0	04-074-245	(J)	(J)1/2	P/005SYNC2	SYNC2SRA	3/4
005SYNC3	0	04-074-336	(J)	(J)1/3	P/005SYNC3R	SYNC3SA	3/4
005SYNC3R	0	04-074-236	(J)	(J)1/3	P/005SYNC3	SYNC3SRA	3/4
005SYNC4	0	04-074-332	(J)	(J)1/5	P/005SYNC4R	SYNC4SA	3/4
005SYNC4R	0	04-074-232	(J)	(J)1/5	P/005SYNC4	SYNC4SRA	3/4
005SYNC5	0	04-074-321	(J)	(J)1/5	P/005SYNC5R	SYNC5SA	3/4
005SYNC5R	0	04-074-221	(J)	(J)1/5	P/005SYNC5	SYNC5SRA	3/4
004MCK1	OT	04-074-350	(J)	(J)1/1	P/004MCK1R	4MCK1SA	3/4
004MCK1R	OT	04-074-250	(J)	(J)1/1	P/004MCK1	4MCK1SRA	3/4
004MCK2	0	04-074-346	(J)	(J)1/2	P/004MCK2R	4MCK2SA	3/4
004MCK2R	0	04-074-246	(J)	(J)1/2	P/004MCK2	4MCK2SRA	3/4
004MCK3	0	04-074-337	(J)	(J)1/3	P/004MCK3R	4MCK3SA	3/4
004MCK3R	0	04-074-237	(J)	(J)1/3	P/004MCK3	4MCK3SRA	3/4
004MCK4	0	04-074-333	(J)	(J)1/5	P/004MCK4R	4MCK4SA	3/4
004MCK4R	0	04-074-233	(J)	(J)1/5	P/004MCK4	4MCK4SRA	3/4
004MCK5	0	04-074-322	(J)	(J)1/5	P/004MCK5R	4MCK5SA	3/4
004MCK5R	0	04-074-222	(J)	(J)1/5	P/004MCK5	4MCK5SRA	3/4
101DAT1	1	04-074-151	(J)	(J)2/1	P/101DAT1R	INDAT1CA	3/4
101DAT1R	1	04-074-051	(J)	(J)2/1	P/101DAT1	INDAT1CRA	3/4
101DAT2	1	04-074-147	(J)	(J)2/2	P/101DAT2R	INDAT2CA	3/4
101DAT2R	1	04-074-047	(J)	(J)2/2	P/101DAT2	INDAT2CRA	3/4
101DAT3	1	04-074-138	(J)	(J)2/3	P/101DAT3R	INDAT3CA	3/4
101DAT3R	1	04-074-038	(J)	(J)2/3	P/101DAT3	INDAT3CRA	3/4
101DAT4	1	04-074-134	(J)	(J)2/5	P/101DAT4R	INDAT4CA	3/4
101DAT4R	1	04-074-034	(J)	(J)2/5	P/101DAT4	INDAT4CRA	3/4
101DAT5	1	04-074-123	(J)	(J)2/5	P/101DAT5R	INDAT5CA	3/4
101DAT5R	1	04-074-023	(J)	(J)2/5	P/101DAT5	INDAT5CRA	3/4
100DAT1	0	04-074-152	(J)	(J)2/1	P/100DAT1R	ODAT1CA	3/4
100DAT1R	0	04-074-052	(J)	(J)2/1	P/100DAT1	ODAT1CRA	3/4
100DAT2	0	04-074-148	(J)	(J)2/2	P/100DAT2R	ODAT2CA	3/4
100DAT2R	0	04-074-048	(J)	(J)2/2	P/100DAT2	ODAT2CRA	3/4
100DAT3	0	04-074-139	(J)	(J)2/3	P/100DAT3R	ODAT3CA	3/4
100DAT3R	0	04-074-039	(J)	(J)2/3	P/100DAT3	ODAT3CRA	3/4

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
100DAT4	0	04-074-135		2/5	P/100DAT4R	ODAT4CA	3/4
100DAT4R	0	04-074-035		2/5	P/100DAT4	ODAT4CRA	3/4
100DAT5	0	04-074-124		2/5	P/100DAT5R	ODAT5CA	3/4
100DAT5R	0	04-074-024		2/5	P/100DAT5	ODAT5CRA	3/4
105SYNC1	OT	04-074-149	(J)	(J)2/1	P/105SYNC1R	SYNC1CA	3/4
105SYNC1R	OT	04-074-049	(J)	(J)2/1	P/105SYNC1	SYNC1CRA	3/4
105SYNC2	0	04-074-145	(J)	(J)2/2	P/105SYNC2R	SYNC2CA	3/4
105SYNC2R	0	04-074-045	(J)	(J)2/2	P/105SYNC2	SYNC2CRA	3/4
105SYNC3	0	04-074-136	(J)	(J)2/3	P/105SYNC3R	SYNC3CA	3/4
105SYNC3R	0	04-074-036	(J)	(J)2/3	P/105SYNC3	SYNC3CRA	3/4
105SYNC4	0	04-074-132	(J)	2/5	P/105SYNC4R	SYNC4CA	3/4
105SYNC4R	0	04-074-032	(J)	2/5	P/105SYNC4	SYNC4CRA	3/4
105SYNC5	0	04-074-121	(J)	2/5	P/105SYNC5R	SYNC5CA	3/4
105SYNC5R	0	04-074-021	(J)	2/5	P/105SYNC5	SYNC5CRA	3/4
104MCK1	OT	04-074-150	(J)	(J)2/1	P/104MCK1R	4MCK1CA	3/4
104MCK1R	OT	04-074-050	(J)	(J)2/1	P/104MCK1	4MCK1CRA	3/4
104MCK2	0	04-074-146	(J)	(J)2/2	P/104MCK2R	4MCK2CA	3/4
104MCK2R	0	04-074-046	(J)	(J)2/2	P/104MCK2	4MCK2CRA	3/4
104MCK3	0	04-074-137	(J)	(J)2/3	P/104MCK3R	4MCK3CA	3/4
104MCK3R	0	04-074-037	(J)	(J)2/3	P/104MCK3	4MCK3CRA	3/4
104MCK4	0	04-074-133	(J)	2/5	P/104MCK4R	4MCK4CA	3/4
104MCK4R	0	04-074-033	(J)	2/5	P/104MCK4	4MCK4CRA	3/4
104MCK5	0	04-074-122	(J)	2/5	P/104MCK5R	4MCK5CA	3/4
104MCK5R	0	04-074-022	(J)	2/5	P/104MCK5	4MCK5CRA	3/4
4MHZCLK	0	04-106-149	(X)	(X)2/4	P/4MHZCLKR	CLK4MO	2/2
4MHZCLKR	GRD	04-106-049	(X)	(X)2/4	P/4MHZCLK	GRD04106	3/1
6MSIN	1	04-106-150	(X)	(X)2/4	P/6MSINR	6MSIN	2/2
6MSINR	GRD	04-106-050	(X)	(X)2/4	P/6MSIN	GRD04106	3/1
8MHIN	1	04-106-151	(X)	(X)2/4	P/8MHINR	8MHIN	2/2
8MHINR	GRD	04-106-051	(X)	(X)2/4	P/8MHIN	GRD04106	3/1
8MHZ	0	04-106-154	(X)	(X)2/4	P/8MHZR	8MHZ	2/2
8MHZR	GRD	04-106-054	(X)	(X)2/4	P/8MHZ	GRD04106	3/1

SYMBOL NO. 5

MESSAGE INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EOP	LOC	CODE	ELEM	IDENT	OPT
MSPU2-0	058-000	J50006AF-1		A		

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-042-234				POSYNCR	1/3
	0	04-042-235				PDELKN	1/3
	0	04-042-236				POTODATAN	1/3
	0	04-042-241				PITODATAN	1/3

PART OF FS 1 0 MESSAGE INTERFACE BUS

SYMBOL NO. 5 (CONT) MESSAGE INTERFACE BUS MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU2-0	058-000	J50006AF-1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	0	04-042-334				POSYNCP	1/3
	0	04-042-335				POCLKP	1/3
	0	04-042-336				POTDAP	1/3
	0	04-042-341				PITDAP	1/3
	1	04-042-237				PORDATAN	1/3
	1	04-042-239				P1SYNCP	1/3
	1	04-042-240				P1CLKN	1/3
	1	04-042-242				P1RDATAN	1/3
	1	04-042-337				PORDATAP	1/3
	1	04-042-339				P1SYNCP	1/3
	1	04-042-340				P1CLKP	1/3
001DAT4	1	04-042-342		1/4	P/001DAT4R	P1RDATAP	1/3
001DAT4R	0	04-056-336		1/4	P/001DAT4	AOTDAP	1/2
	0	04-056-236				AOTDAN	1/2
001DAT5	0	04-146-336		1/4	P/001DAT5R	BOTDAP	3/2
001DAT5R	0	04-146-236		1/4	P/001DAT5	BOTDAN	3/2
000DAT4	1	04-056-337		1/4	P/000DAT4R	AORDATAP	1/2
	1	04-056-237		1/4		AORDAN	1/2
000DAT5	1	04-146-337		1/4	P/000DAT5R	BORDATAP	3/2
000DAT5R	1	04-146-237		1/4	P/000DAT5	BORDAN	3/2
00SYNCP	1	04-056-334		1/4	P/00SYNCP4R	AOSYNCP	1/2
00SYNCP4R	1	04-056-234		1/4	P/00SYNCP4	AOSYNCP	1/2
00SYNCP5	1	04-146-334		1/4	P/00SYNCP5R	BOSYNCP	3/2
	1	04-146-234		1/4		BOSYNCP	3/2
00SYNCP5R	1	04-056-335		1/4	P/004MCK4R	A0CLKP	1/2
004MCK4	1	04-056-235		1/4	P/004MCK4	A0CLKN	1/2
004MCK4R	1	04-056-235		1/4			
004MCK5	1	04-146-335		1/4	P/004MCK5R	B0CLKP	3/2
004MCK5R	1	04-146-235		1/4	P/004MCK5	B0CLKN	3/2
011DAT4	0	04-056-241		2/4	P/011DAT4R	A1TDATAP	1/2
011DAT5	0	04-146-341		2/4	P/011DAT5R	A1TDATAP	1/2
011DAT5R	0	04-146-241		2/4	P/011DAT5	B1TDATAP	3/2
	1	04-056-342		2/4	P/010DAT4R	A1RDATAP	1/2
010DAT4	1	04-056-242		2/4	P/010DAT4	A1RDATAN	1/2
010DAT5	1	04-146-342		2/4	P/010DAT5R	B1RDATAP	3/2
	1	04-146-242		2/4	P/010DAT5	B1RDATAN	3/2
01SYNCP	1	04-056-339		2/4	P/01SYNCP4R	A1SYNCP	1/2
01SYNCP4R	1	04-056-239		2/4	P/01SYNCP4	A1SYNCP	1/2
01SYNCP5	1	04-146-339		2/4	P/01SYNCP5R	B1SYNCP	3/2
01SYNCP5R	1	04-146-239		2/4	P/01SYNCP5	B1SYNCP	3/2
014MCK4	1	04-056-340		2/4	P/014MCK4R	A1CLKP	1/2
	1	04-056-240		2/4			
014MCK5	1	04-146-340		2/4	P/014MCK5R	B1CLKP	3/2
014MCK5R	1	04-146-240		2/4	P/014MCK5	B1CLKN	3/2

SYMBOL NO. 6

MESSAGE LINK MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MICU2-0	015-000	J50006ED-1	C	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-068-013				SYNCP7CRA	3/4
	0	04-068-014				4MCK7CRA	3/4
	0	04-068-016				ODAT7CRA	3/4
	0	04-068-017				SYNCP6CRA	3/4
	0	04-068-018				4MCK6CRA	3/4
	0	04-068-020				ODAT6CRA	3/4
	0	04-068-021				SYNCP5CRA	3/4
	0	04-068-022				4MCK5CRA	3/4
	0	04-068-024				ODAT5CRA	3/4
	0	04-068-032				SYNCP4CRA	3/4
	0	04-068-033				4MCK4CRA	3/4
	0	04-068-035				ODAT4CRA	3/4
	0	04-068-053				SYNCP0CRA	3/4
	0	04-068-054				4MCK0CRA	3/4
	0	04-068-056				ODAT0CRA	3/4
	0	04-068-113				SYNCP7CA	3/4
	0	04-068-114				4MCK7CA	3/4
	0	04-068-116				ODAT7CA	3/4
	0	04-068-117				SYNCP6CA	3/4
	0	04-068-118				4MCK6CA	3/4
	0	04-068-120				ODAT6CA	3/4
	0	04-068-121				SYNCP5CA	3/4
	0	04-068-122				4MCK5CA	3/4
	0	04-068-124				ODAT5CA	3/4
	0	04-068-132				SYNCP4CA	3/4
	0	04-068-133				4MCK4CA	3/4
	0	04-068-135				ODAT4CA	3/4
	0	04-068-153				SYNCP0CA	3/4
	0	04-068-154				4MCK0CA	3/4
	0	04-068-156				ODAT0CA	3/4
	0	04-068-213				SYNCP7SRA	3/4
	0	04-068-214				4MCK7SRA	3/4
	0	04-068-216				ODAT7SRA	3/4
	0	04-068-217				SYNCP6SRA	3/4
	0	04-068-218				4MCK6SRA	3/4
	0	04-068-220				ODAT6SRA	3/4
	0	04-068-221				SYNCP5SRA	3/4
	0	04-068-222				4MCK5SRA	3/4
	0	04-068-224				ODAT5SRA	3/4
	0	04-068-232				SYNCP4SRA	3/4
	0	04-068-233				4MCK4SRA	3/4
	0	04-068-235				ODAT4SRA	3/4
	0	04-068-253				SYNCP0SRA	3/4
	0	04-068-254				4MCK0SRA	3/4
	0	04-068-256				ODAT0SRA	3/4
	0	04-068-313				SYNCP7SA	3/4
	0	04-068-314				4MCK7SA	3/4
	0	04-068-316				ODAT7SA	3/4
	0	04-068-317				SYNCP6SA	3/4
	0	04-068-318				4MCK6SA	3/4
	0	04-068-320				ODAT6SA	3/4
	0	04-068-321				SYNCP5SA	3/4
	0	04-068-322				4MCK5SA	3/4
	0	04-068-324				ODAT5SA	3/4
	0	04-068-332				SYNCP4SA	3/4
	0	04-068-333				4MCK4SA	3/4
	0	04-068-335				ODAT4SA	3/4
	0	04-068-353				SYNCP0SA	3/4
	0	04-068-354				4MCK0SA	3/4
	0	04-068-356				ODAT0SA	3/4

SYMBOL NO. 6 (CONT)

MESSAGE LINK MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MICU2-0	015-000	J50006ED-1	C	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	1	04-068-015				IDAT7CRA	3/4
	1	04-068-019				IDAT6CRA	3/4
	1	04-068-023				IDAT5CRA	3/4
	1	04-068-034				IDAT4CRA	3/4
	1	04-068-055				IDAT0CRA	3/4
	1	04-068-115				IDAT7CA	3/4
	1	04-068-119				INDAT6CA	3/4
	1	04-068-123				INDAT5CA	3/4
	1	04-068-134				INDAT4CA	3/4
	1	04-068-155				INDAT0CA	3/4
	1	04-068-215				IDAT7SRA	3/4
	1	04-068-219				IDAT6SRA	3/4
	1	04-068-223				IDAT5SRA	3/4
	1	04-068-234				IDAT4SRA	3/4
	1	04-068-255				IDAT0SRA	3/4
	1	04-068-315				INDAT7SA	3/4
	1	04-068-319				INDAT6SA	3/4
	1	04-068-323				INDAT5SA	3/4
CLK4MHZ	1	04-068-334				INDAT4SA	3/4
	1	04-068-355				INDAT0SA	3/4
CLK4MHZ	1	04-100-156	(T)	(T)2/6	P/CLK4MHZR	MATE4MD	2/2
CLK4MHZR	GRD	04-100-056	(T)	(T)2/6	P/CLK4MHZ	GRD04100	3/1
MATEEN	GRD	04-100-152	(T)	(T)2/6	P/MATEENR	MATEEN	2/2
MATEENR	GRD	04-100-052	(T)	(T)2/6	P/MATEEN	GRD04100	3/1
PUSV	1	04-100-153	(T)	(T)2/6	P/PUSVR	PUSV	2/2
PUSVR	GRD	04-100-053	(T)	(T)2/6	P/PUSV	GRD04100	3/1
RECVP	1	03-126B-F0	(S)	(S)1/4		FOIN	2/4
					TO TIME MULTIPLEXED SWITCH CABINET BAY 0		
OSYN6MS	0	04-100-155	(T)	(T)2/6	P/OSYN6MSR	OSYN6MS	2/2
OSYN6MSR	GRD	04-100-055	(T)	(T)2/6	P/OSYN6MS	GRD04100	3/1
OXMITOP	OT	03-126A-F0	(S)	(S)1/4		FOOUT	2/3
					TO TIME MULTIPLEXED SWITCH CABINET BAY 0		
001DAT1	1	04-068-351	(G)	(G)1/1	P/001DAT1R	INDAT1SA	3/4
001DAT1R	1	04-068-351	(G)	(G)1/1	P/001DAT1	IDAT1SRA	3/4
001DAT2	1	04-068-347	(G)	(G)1/2	P/001DAT2R	INDAT2SA	3/4
001DAT2R	1	04-068-247	(G)	(G)1/2	P/001DAT2	IDAT2SRA	3/4
001DAT3	1	04-068-338	(G)	(G)1/3	P/001DAT3R	INDAT3SA	3/4
001DAT3R	1	04-068-238	(G)	(G)1/3	P/001DAT3	IDAT3SRA	3/4
000DAT1	0	04-068-352	(G)	(G)1/1	P/000DAT1R	OTDAT1SA	3/4
000DAT1R	0	04-068-252	(G)	(G)1/1	P/000DAT1	ODAT1SRA	3/4
000DAT2	0	04-068-348	(G)	(G)1/2	P/000DAT2R	OTDAT2SA	3/4
000DAT2R	0	04-068-248	(G)	(G)1/2	P/000DAT2	ODAT2SRA	3/4
000DAT3	0	04-068-339	(G)	(G)1/3	P/000DAT3R	OTDAT3SA	3/4
000DAT3R	0	04-068-239	(G)	(G)1/3	P/000DAT3	ODAT3SRA	3/4
00SYNCP1	OT	04-068-349	(G)	(G)1/1	P/00SYNCP1R	SYNCP1SA	3/4
00SYNCP1R	OT	04-068-249	(G)	(G)1/1	P/00SYNCP1	SYNCP1SRA	3/4

PART OF FS 1
SYMBOL(S) 5 6

MESSAGE SWITCH CABINET

QNG SIZE
2

ISSUE
5B

AT&T
BELL LABORATORIES

SD-50146-01

B1CC

PRINTED IN U. S. A.

02/12/85

PART OF FS 1
0 MESSAGE INTERFACE BUS

SYMBOL NO. 6 (CONT)

MESSAGE LINK
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG EQPT LOC CODE ELEM IDENT OPT
MICU2-0 015-000 J5D006ED-1 C (P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
00SYNC2	0	04-068-345	(G)	(G)1/2	P/00SYNC2R	SYNC2SA	3/4
00SYNC2R	0	04-068-245	(G)	(G)1/2	P/00SYNC2	SYNC2SRA	3/4
00SYNC3	0	04-068-336	(G)	(G)1/3	P/00SYNC3R	SYNC3SA	3/4
00SYNC3R	0	04-068-236	(G)	(G)1/3	P/00SYNC3	SYNC3SRA	3/4
004MCK1	0T	04-068-350	(G)	(G)1/1	P/004MCK1R	4MCK1SA	3/4
004MCK1R	0T	04-068-250	(G)	(G)1/1	P/004MCK1	4MCK1SRA	3/4
004MCK2	0	04-068-346	(G)	(G)1/2	P/004MCK2R	4MCK2SA	3/4
004MCK2R	0	04-068-246	(G)	(G)1/2	P/004MCK2	4MCK2SRA	3/4
004MCK3	0	04-068-337	(G)	(G)1/3	P/004MCK3R	4MCK3SA	3/4
004MCK3R	0	04-068-237	(G)	(G)1/3	P/004MCK3	4MCK3SRA	3/4
101DAT1	I	04-068-151	(G)	(G)2/1	P/101DAT1R	1DAT1CA	3/4
101DAT1R	I	04-068-051	(G)	(G)2/1	P/101DAT1	1DAT1CRA	3/4
101DAT2	I	04-068-147	(G)	(G)2/2	P/101DAT2R	1DAT2CA	3/4
101DAT2R	I	04-068-047	(G)	(G)2/2	P/101DAT2	1DAT2CRA	3/4
101DAT3	I	04-068-138	(G)	(G)2/3	P/101DAT3R	1DAT3CA	3/4
101DAT3R	I	04-068-038	(G)	(G)2/3	P/101DAT3	1DAT3CRA	3/4
100DAT1	0	04-068-152	(G)	(G)2/1	P/100DAT1R	0DAT1CA	3/4
100DAT1R	0	04-068-052	(G)	(G)2/1	P/100DAT1	0DAT1CRA	3/4
100DAT2	0	04-068-148	(G)	(G)2/2	P/100DAT2R	0DAT2CA	3/4
100DAT2R	0	04-068-048	(G)	(G)2/2	P/100DAT2	0DAT2CRA	3/4
100DAT3	0	04-068-139	(G)	(G)2/3	P/100DAT3R	0DAT3CA	3/4
100DAT3R	0	04-068-039	(G)	(G)2/3	P/100DAT3	0DAT3CRA	3/4
10SYNC1	0T	04-068-149	(G)	(G)2/1	P/10SYNC1R	SYNC1CA	3/4
10SYNC1R	0T	04-068-049	(G)	(G)2/1	P/10SYNC1	SYNC1CRA	3/4
10SYNC2	0	04-068-145	(G)	(G)2/2	P/10SYNC2R	SYNC2CA	3/4
10SYNC2R	0	04-068-045	(G)	(G)2/2	P/10SYNC2	SYNC2CRA	3/4
10SYNC3	0	04-068-136	(G)	(G)2/3	P/10SYNC3R	SYNC3CA	3/4
10SYNC3R	0	04-068-036	(G)	(G)2/3	P/10SYNC3	SYNC3CRA	3/4
104MCK1	0T	04-068-150	(G)	(G)2/1	P/104MCK1R	4MCK1CA	3/4
104MCK1R	0T	04-068-050	(G)	(G)2/1	P/104MCK1	4MCK1CRA	3/4
104MCK2	0	04-068-146	(G)	(G)2/2	P/104MCK2R	4MCK2CA	3/4
104MCK2R	0	04-068-046	(G)	(G)2/2	P/104MCK2	4MCK2CRA	3/4
104MCK3	0	04-068-137	(G)	(G)2/3	P/104MCK3R	4MCK3CA	3/4
104MCK3R	0	04-068-037	(G)	(G)2/3	P/104MCK3	4MCK3CRA	3/4
4MHZCLK	0	04-100-149	(T)	(T)2/6	P/4MHZCLKR	CLK4M0	2/2
4MHZCLKR	GRD	04-100-049	(T)	(T)2/6	P/4MHZCLK	GRD04100	3/1
6MSIN	I	04-100-150	(T)	(T)2/6	P/6MSINR	6MSIN	2/2
6MSINR	GRD	04-100-050	(T)	(T)2/6	P/6MSIN	GRD04100	3/1
8MHIN	I	04-100-151	(T)	(T)2/6	P/8MHINR	8MHIN	2/2
8MHINR	GRD	04-100-051	(T)	(T)2/6	P/8MHIN	GRD04100	3/1
8MHZ	0	04-100-154	(T)	(T)2/6	P/8MHZR	8MHZ	2/2
8MHZR	GRD	04-100-054	(T)	(T)2/6	P/8MHZ	GRD04100	3/1

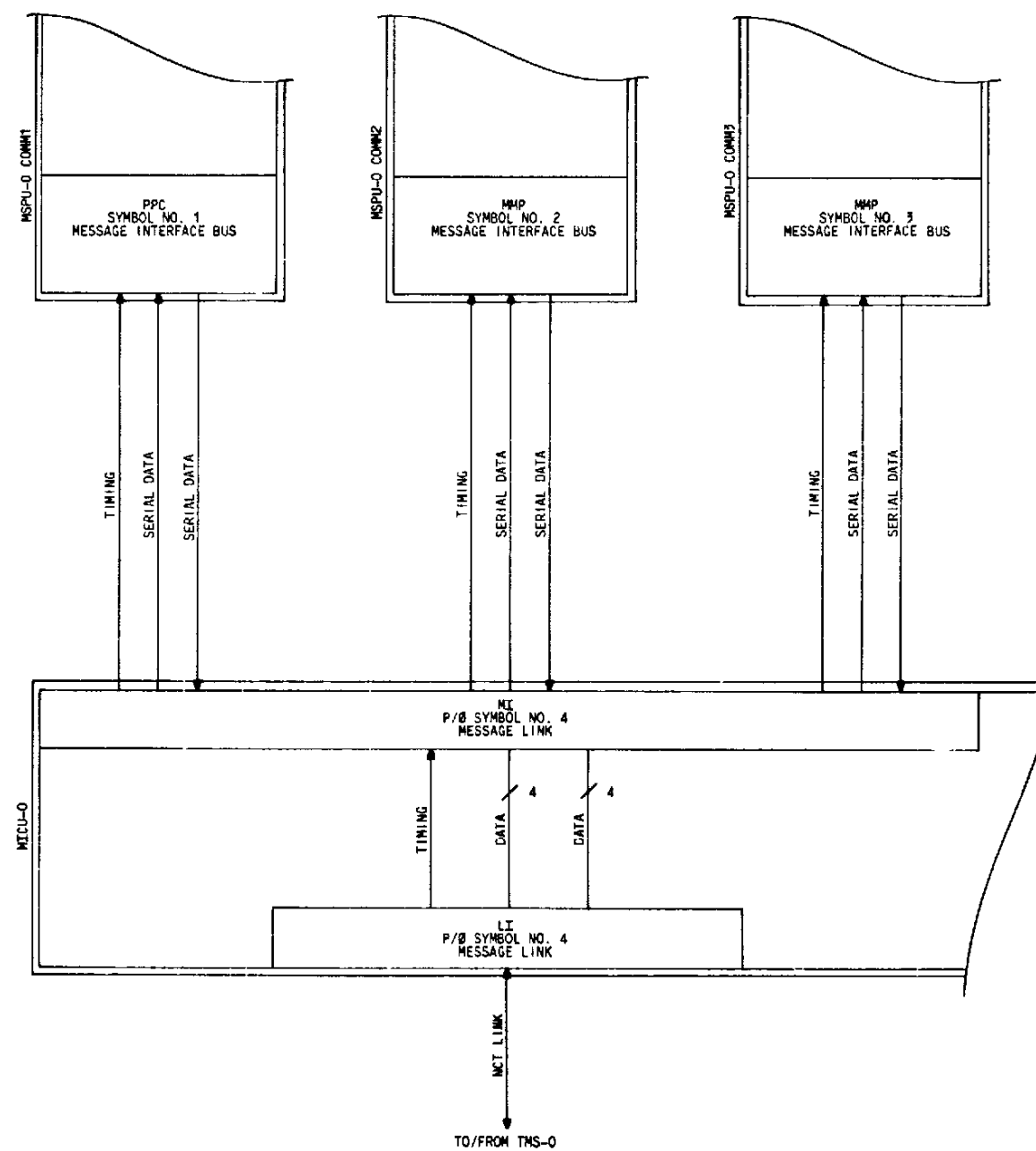
PART OF FS 1
SYMBOL(S) 6

MESSAGE SWITCH CABINET		DWG SIZE 2	ISSUE 5B
ATTN BELL LABORATORIES	SD-5D146-01		B1CD

PRINTED IN U. S. A.

02/12/85

COMPOSITE DIAGRAM



FS-1 IS THE SIMPLE MESSAGE INTERFACE BUS (MIB) FUNCTION. THIS FUNCTION PROVIDES THE MESSAGE SWITCHING AND COUPLING WITH A SYNCHRONOUS DATA PATH FOR CONTROL MESSAGE TIME SLOTS. THE CIRCUIT GROUPS WHICH TOGETHER PROVIDE THIS FUNCTION ARE, THE LINK INTERFACE (LI), THE MESSAGE INTERFACE (MI), THE MODULE MESSAGE PROCESSORS (MMPs), AND THE PUMP PERIPHERAL CONTROLLER (PPC). THE GREATER SWITCH RELIABILITY THE CABINET PROVIDES IS A DIRECT RESULT OF THE CROSS COUPLING BETWEEN THE MESSAGE SWITCH PERIPHERAL (MSPP) AND THE MESSAGE INTERFACE AND CLOCK UNIT (MI/CU). THE CROSS COUPLING IS NOT SHOWN.

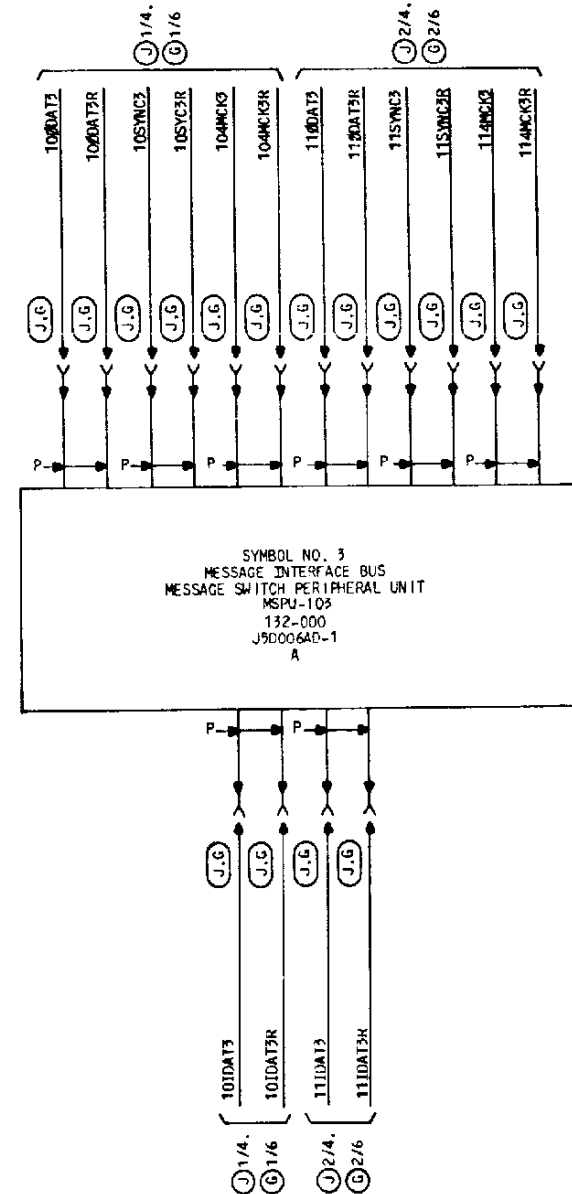
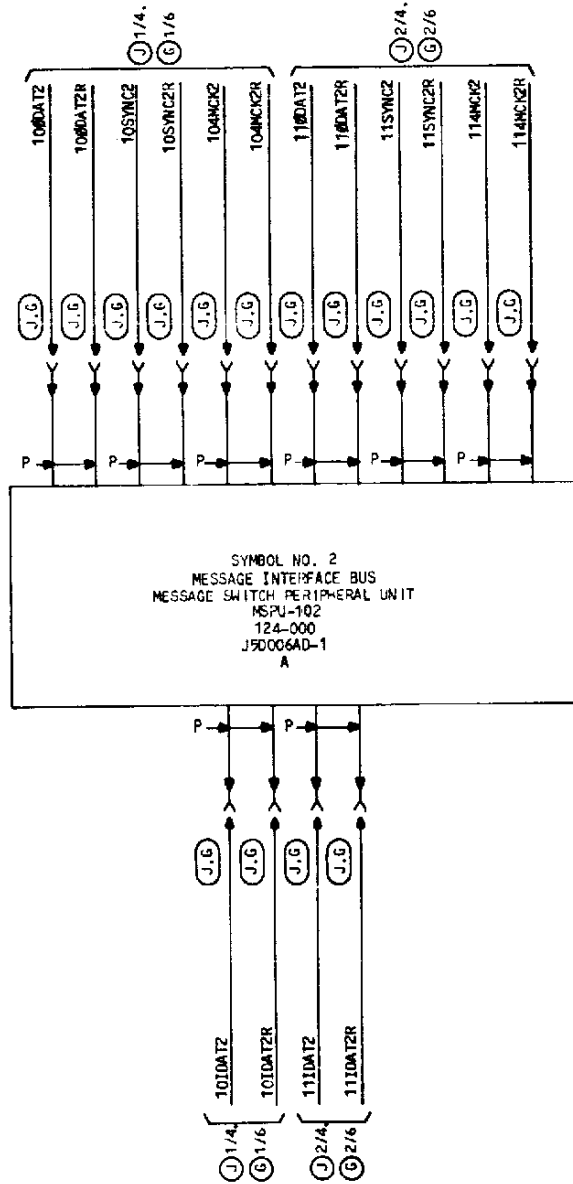
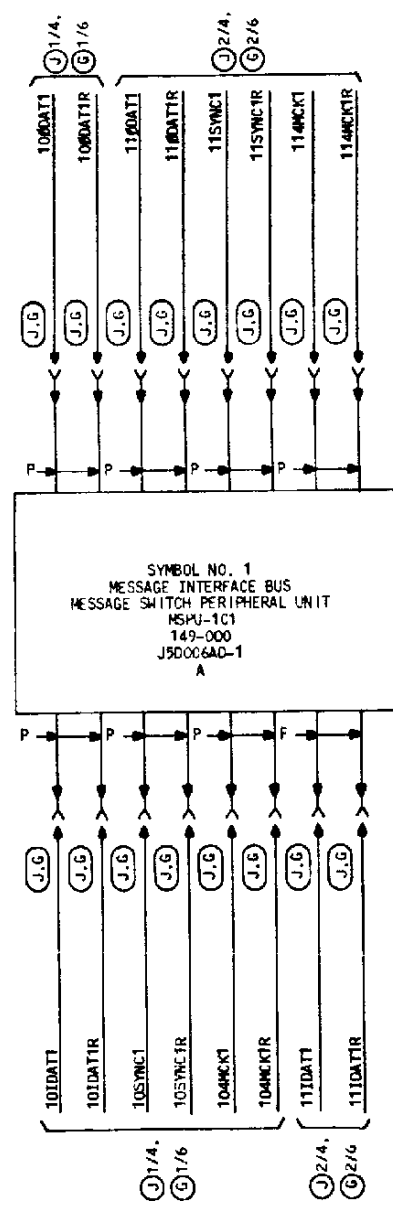
CONTROL MESSAGE TIME SLOTS FROM JMS, VIA THE TIME MULTIPLEX SWITCH (TMS) ARE TRANSMITTED OVER FIBER OPTICS TO THE LI. THE TMS CONVERTS THE OPTICAL TRANSMISSION TO SERIAL TTL LEVELS; REFORMATS THE DATA INTO 4-BIT NIBBLES AND TRANSMITS IT TO THE MC ALONG WITH THE APPROPRIATE CLOCK SIGNALS. THE MC RECEIVES THE NIBBLES AND REFORMATS THEM BACK TO SERIAL DATA FOR TRANSMISSION TO THE MSPUS. THE MC USES THE TIMING SIGNALS FROM THE LI FOR ITS INTERNAL SYNCHRONIZING IN ADDITION TO PROVIDING THE MSPUS WITH TIMING SIGNALS. IN THE REVERSE DIRECTION, MSPUS TRANSMIT SERIAL CONTROL MESSAGE TIME SLOTS TO THE MC. THE MC CONVERTS THE TIMING SIGNALS FROM THE MSPUS SYNCHRONIZING ITS DATA TRANSMISSION, THE MC REFORMATS THE SERIAL DATA FROM ALL MSPUS INTO THE 4-BIT NIBBLES FOR TRANSMISSION TO THE LI. THE LI CONVERTS THE NIBBLES TO SERIAL DATA AND PROVIDES THE OPTICAL TRANSMISSION TO THE JMS VIA THE TMS.

THE PPC IN MSPU COMMUNITY 1 IS USED TO "PUMP-UP" THE MEMORY IN THE IM DURING OFFICE BRING-UP. SERIAL DATA TIME SLOTS FROM THE PPC ARE SENT IN THE IDENTICAL MANNER AS THE MMPS. HOWEVER, TRANSMISSION FROM AN IM IS ONLY USED FOR DIAGNOSTICS.

MESSAGE SWITCH CABINET		DWG SIZE CS	ISSUE
			2A
AT&T BELL LABORATORIES	SD-5046-01	SHEET BIGA	

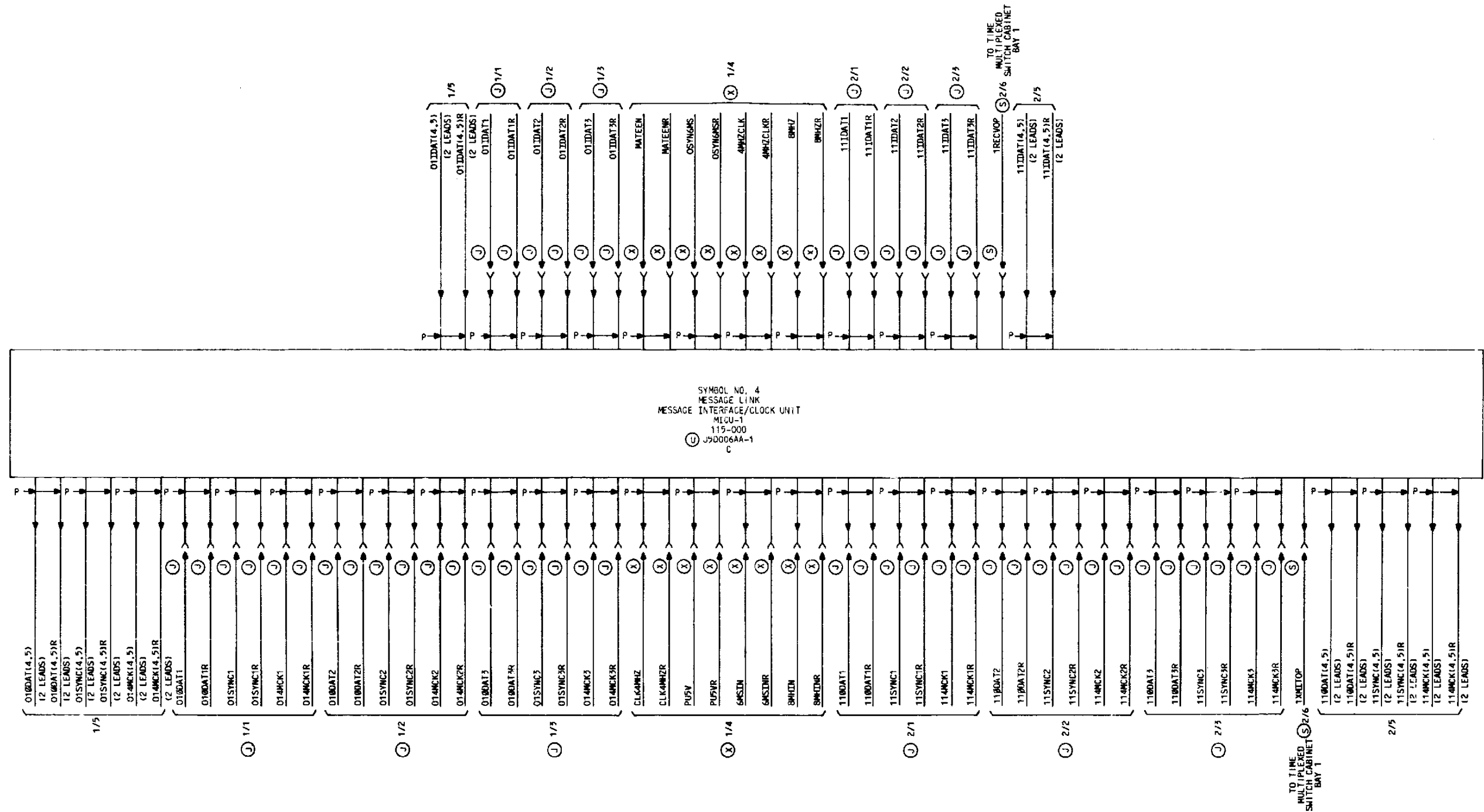
PART OF FS 2

1 MESSAGE INTERFACE BUS
(P/O INTERCONNECTION & FLOW DIAGRAM)



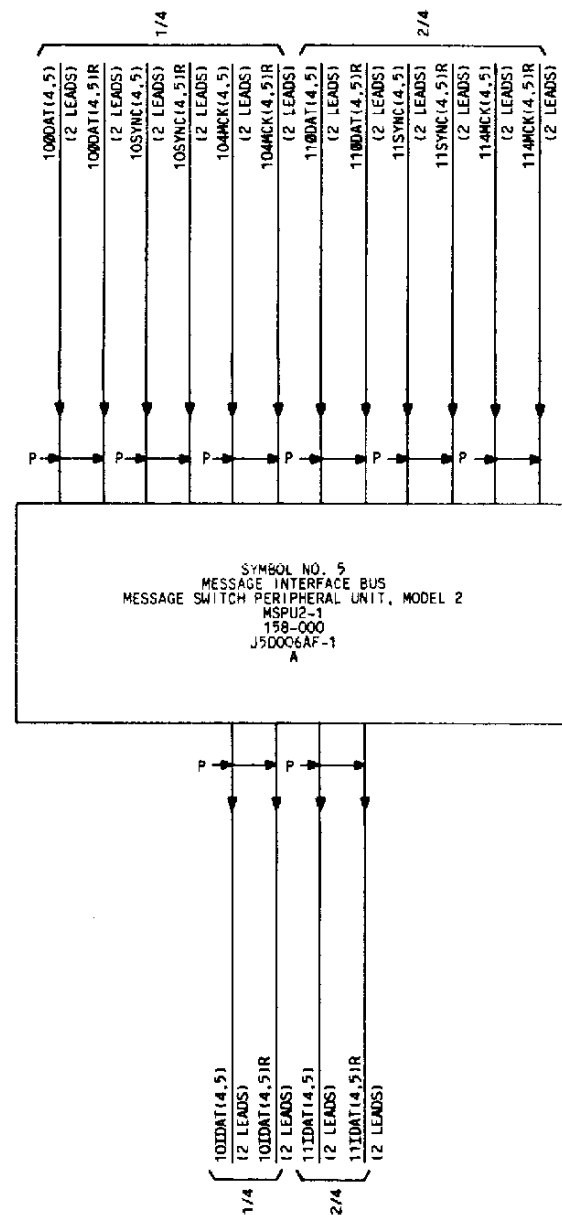
MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		8	5B
AT&T BELL LABORATORIES	SD- 50146-01	B2AA	

PART OF FS 2 1 MESSAGE INTERFACE BUS (P/O INTERCONNECTION & FLOW DIAGRAM)



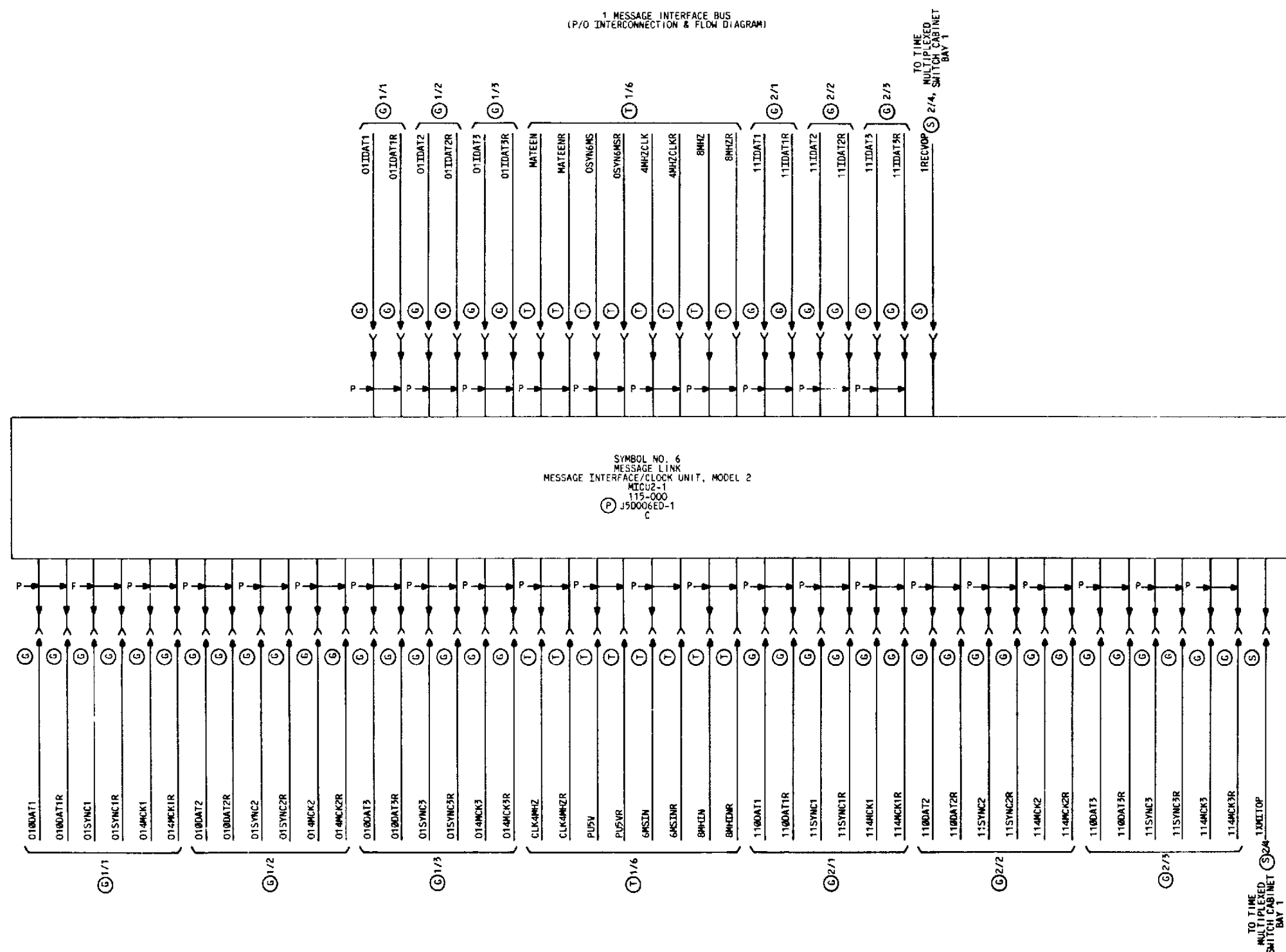
MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		8 1/2	58
SD-5D146-01		B2AB	

1 MESSAGE INTERFACE BUS
(P/O INTERCONNECTION & FLOW DIAGRAM)



**SHEET
B2AC**

1 MESSAGE INTERFACE BUS
(P/O INTERCONNECTION & FLOW DIAGRAM)



MESSAGE SWITCH CABINET

DWG SIZE
60

ISSUE
5B

**AT&T
BELL LABORATORIES**

SD-5D146-01

**SHEET
B2AD**

PART OF FS 2 1 MESSAGE INTERFACE BUS

SYMBOL NO. 1 MESSAGE INTERFACE BUS MESSAGE SWITCH PERIPHERAL UNIT

DESIG EOPT LOC CODE ELEM IDENT OPT
MSPU-1C1 149-000 JSD006AD-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-048-236				OTDAN	1/2
	0	04-048-241				1TDAN	1/2
	0	04-048-336				OTDAP	1/2
	0	04-048-341				1TDAP	1/2
	0	04-048-234				OSYN	1/2
	0	04-048-235				OCLKN	1/2
	0	04-048-237				ORDAN	1/2
	0	04-048-239				1SYN	1/2
	0	04-048-240				1CLKN	1/2
	0	04-048-242				1RDAN	1/2
	0	04-048-334				OSYNCP	1/2
	0	04-048-335				OCLKP	1/2
	0	04-048-337				ORDAP	1/2
	0	04-048-339				1SYNCP	1/2
	0	04-048-340				1CLKP	1/2
101DAT1	0	04-048-342	(G)	(J)1/6	P/101DAT1R	1RDAP	1/2
	0	04-056-336	(G)	(J)1/4	P/101DAT1R	POTDAP	1/3
	0	04-056-336	(G)	(J)1/4	P/101DAT1R	POTDAP	1/3
101DAT1R	0	04-056-236	(G)	(J)1/6	P/101DAT1	POTDAN	1/3
	0	04-056-236	(G)	(J)1/4	P/101DAT1	POTDAN	1/3
100DAT1	0	04-056-337	(G)	(J)1/4	P/100DAT1R	PORDAP	1/3
	0	04-056-337	(G)	(J)1/4	P/100DAT1R	PORDAP	1/3
100DAT1R	0	04-056-337	(G)	(J)1/6	P/100DAT1	PORDAN	1/3
	0	04-056-337	(G)	(J)1/4	P/100DAT1	PORDAN	1/3
10SYN1	0	04-056-334	(G)	(J)1/6	P/10SYN1R	POSYNCP	1/3
	0	04-056-334	(G)	(J)1/4	P/10SYN1R	POSYNCP	1/3
10SYN1R	0	04-056-234	(G)	(J)1/4	P/10SYN1	POSYN	1/3
	0	04-056-234	(G)	(J)1/4	P/10SYN1	POSYN	1/3
104MCK1	0	04-056-234	(G)	(J)1/6	P/104MCK1	POCLKN	1/3
	0	04-056-335	(G)	(J)1/4	P/104MCK1R	POCLKP	1/3
	0	04-056-335	(G)	(J)1/6	P/104MCK1R	POCLKP	1/3
104MCK1R	0	04-056-235	(G)	(J)1/4	P/104MCK1	POCLKN	1/3
	0	04-056-235	(G)	(J)1/6	P/104MCK1	POCLKN	1/3
111DAT1	0	04-056-341	(G)	(J)2/6	P/111DAT1R	P1TDAN	1/3
	0	04-056-241	(G)	(J)2/4	P/111DAT1	P1TDAN	1/3
	0	04-056-241	(G)	(J)2/4	P/111DAT1	P1TDAN	1/3
111DAT1R	0	04-056-342	(G)	(J)2/6	P/111DAT1R	P1RDAN	1/3
	0	04-056-342	(G)	(J)2/4	P/111DAT1R	P1RDAN	1/3
110DAT1	0	04-056-342	(G)	(J)2/6	P/110DAT1R	P1RDAN	1/3
	0	04-056-242	(G)	(J)2/4	P/110DAT1	P1RDAN	1/3
110DAT1R	0	04-056-342	(G)	(J)2/6	P/110DAT1R	P1RDAN	1/3
	0	04-056-242	(G)	(J)2/4	P/110DAT1R	P1RDAN	1/3
11SYN1	0	04-056-242	(G)	(J)2/6	P/11SYN1R	P1SYNCP	1/3
	0	04-056-339	(G)	(J)2/4	P/11SYN1R	P1SYNCP	1/3
	0	04-056-339	(G)	(J)2/4	P/11SYN1R	P1SYNCP	1/3
11SYN1R	0	04-056-239	(G)	(J)2/6	P/11SYN1	P1SYN	1/3
	0	04-056-239	(G)	(J)2/4	P/11SYN1	P1SYN	1/3
114MCK1	0	04-056-340	(G)	(J)2/4	P/114MCK1R	P1CLKN	1/3
	0	04-056-340	(G)	(J)2/4	P/114MCK1R	P1CLKN	1/3
114MCK1R	0	04-056-340	(G)	(J)2/6	P/114MCK1	P1CLKP	1/3
	0	04-056-240	(G)	(J)2/4	P/114MCK1	P1CLKN	1/3
	0	04-056-240	(G)	(J)2/6	P/114MCK1	P1CLKN	1/3

SYMBOL NO. 2 MESSAGE INTERFACE BUS MESSAGE SWITCH PERIPHERAL UNIT

DESIG EOPT LOC CODE ELEM IDENT OPT
MSPU-1C2 124-000 JSD006AD-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-056-234				POSYN	1/3
	0	04-056-235				POCLKN	1/3
	0	04-056-236				POTDAN	1/3
	0	04-056-241				P1TDAN	1/3
	0	04-056-334				POSYNCP	1/3
	0	04-056-335				POCLKP	1/3
	0	04-056-336				POTDAP	1/3
	0	04-056-341				P1TDAP	1/3
	0	04-056-237				PORDAN	1/3
	0	04-056-239				P1SYN	1/3
	0	04-056-240				P1CLKN	1/3
	0	04-056-242				P1RDAN	1/3
	0	04-056-337				PORDAP	1/3
	0	04-056-339				P1SYNCP	1/3
	0	04-056-340				P1CLKP	1/3
101DAT2	0	04-056-342	(G)	(J)1/6	P/101DAT2R	P1RDAP	1/3
	0	04-048-336	(G)	(J)1/4	P/101DAT2R	OTDAP	1/2
	0	04-048-336	(G)	(J)1/4	P/101DAT2R	OTDAP	1/2
101DAT2R	0	04-048-236	(G)	(J)1/6	P/101DAT2	OTDAN	1/2
	0	04-048-236	(G)	(J)1/4	P/101DAT2	OTDAN	1/2
100DAT2	0	04-048-337	(G)	(J)1/4	P/100DAT2R	ORDAN	1/2
	0	04-048-337	(G)	(J)1/4	P/100DAT2R	ORDAN	1/2
100DAT2R	0	04-048-337	(G)	(J)1/6	P/100DAT2R	ORDAN	1/2
	0	04-048-237	(G)	(J)1/4	P/100DAT2	ORDAN	1/2
	0	04-048-237	(G)	(J)1/6	P/100DAT2	ORDAN	1/2
10SYN2	0	04-048-334	(G)	(J)1/4	P/10SYN2R	OSYNCP	1/3
	0	04-048-334	(G)	(J)1/6	P/10SYN2R	OSYNCP	1/3
10SYN2R	0	04-048-234	(G)	(J)1/4	P/10SYN2	OSYN	1/3
	0	04-048-234	(G)	(J)1/4	P/10SYN2	OSYN	1/3
104MCK2	0	04-048-234	(G)	(J)1/6	P/104MCK2R	OSYN	1/2
	0	04-048-335	(G)	(J)1/4	P/104MCK2R	OCLKP	1/2
	0	04-048-335	(G)	(J)1/6	P/104MCK2R	OCLKP	1/2
104MCK2R	0	04-048-235	(G)	(J)1/4	P/104MCK2	OCLKN	1/2
	0	04-048-235	(G)	(J)1/6	P/104MCK2	OCLKN	1/2
111DAT2	0	04-048-341	(G)	(J)2/6	P/111DAT2R	1TDAN	1/2
	0	04-048-241	(G)	(J)2/4	P/111DAT2	1TDAN	1/2
	0	04-048-241	(G)	(J)2/4	P/111DAT2	1TDAN	1/2
111DAT2R	0	04-048-342	(G)	(J)2/6	P/111DAT2R	1RDAN	1/2
	0	04-048-342	(G)	(J)2/4	P/111DAT2R	1RDAN	1/2
110DAT2	0	04-048-342	(G)	(J)2/6	P/110DAT2R	1RDAN	1/2
	0	04-048-242	(G)	(J)2/4	P/110DAT2	1RDAN	1/2
110DAT2R	0	04-048-342	(G)	(J)2/6	P/110DAT2R	1RDAN	1/2
	0	04-048-242	(G)	(J)2/4	P/110DAT2R	1RDAN	1/2
11SYN2	0	04-048-242	(G)	(J)2/6	P/11SYN2R	1SYNCP	1/2
	0	04-048-339	(G)	(J)2/4	P/11SYN2R	1SYNCP	1/2
	0	04-048-339	(G)	(J)2/4	P/11SYN2R	1SYNCP	1/2
11SYN2R	0	04-048-239	(G)	(J)2/6	P/11SYN2	1SYN	1/2
	0	04-048-239	(G)	(J)2/4	P/11SYN2	1SYN	1/2
114MCK2	0	04-048-340	(G)	(J)2/4	P/114MCK2R	1CLKP	1/2
	0	04-048-340	(G)	(J)2/4	P/114MCK2R	1CLKP	1/2
114MCK2R	0	04-048-340	(G)	(J)2/6	P/114MCK2	1CLKN	1/2
	0	04-048-240	(G)	(J)2/4	P/114MCK2	1CLKN	1/2
	0	04-048-240	(G)	(J)2/6	P/114MCK2	1CLKN	1/2

SYMBOL NO. 3 MESSAGE INTERFACE BUS MESSAGE SWITCH PERIPHERAL UNIT

DESIG EOPT LOC CODE ELEM IDENT OPT
MSPU-1C3 122-000 JSD006AD-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-056-234				POSYN	1/3
	0	04-056-235				POCLKN	1/3
	0	04-056-236				POTDAN	1/3
	0	04-056-241				P1TDAN	1/3
	0	04-056-334				POSYNCP	1/3
	0	04-056-335				POCLKP	1/3
	0	04-056-336				POTDAP	1/3
	0	04-056-341				P1TDAP	1/3
	0	04-056-237				PORDAN	1/3
	0	04-056-239				P1SYN	1/3
	0	04-056-240				P1CLKN	1/3
	0	04-056-242				P1RDAN	1/3
	0	04-056-337				PORDAP	1/3
	0	04-056-339				P1SYNCP	1/3
	0	04-056-340				P1CLKP	1/3
101DAT3	0	04-048-342	(G)	(J)1/6	P/101DAT3R	P1RDAP	1/3
	0	04-048-336	(G)	(J)1/4	P/101DAT3R	OTDAP	1/2
	0	04-048-336	(G)	(J)1/4	P/101DAT3R	OTDAP	1/2
101DAT3R	0	04-048-236	(G)	(J)1/6	P/101DAT3	OTDAN	1/2
	0	04-048-236	(G)	(J)1/4	P/101DAT3	OTDAN	1/2
100DAT3	0	04-048-337	(G)	(J)1/6	P/100DAT3R	ORDAN	1/2
	0	04-048-337	(G)	(J)1/4	P/100DAT3R	ORDAN	1/2
100DAT3R	0	04-048-337	(G)	(J)1/6	P/100DAT3	ORDAN	1/2
	0	04-048-237	(G)	(J)1/4	P/100DAT3	ORDAN	1/2
	0	04-048-237	(G)	(J)1/6	P/100DAT3	ORDAN	1/2
10SYN3	0	04-048-334	(G)	(J)1/4	P/10SYN3R	OSYNCP	1/2
	0	04-048-334	(G)	(J)1/6	P/10SYN3R	OSYNCP	1/2
10SYN3R	0	04-048-234	(G)	(J)1/4	P/10SYN3	OSYN	1/2
	0	04-048-234	(G)	(J)1/4	P/10SYN3	OSYN	1/2
104MCK3	0	04-048-234	(G)	(J)1/6	P/104MCK3R	OSYN	1/2
	0	04-048-335	(G)	(J)1/4	P/104MCK3R	OCLKP	1/2
	0	04-048-335	(G)	(J)1/6	P/104MCK3R	OCLKP	1/2
104MCK3R	0	04-048-235	(G)	(J)1/4	P/104MCK3	OCLKN	1/2
	0	04-048-235	(G)	(J)1/6	P/104MCK3	OCLKN	1/2
111DAT3	0	04-048-341	(G)	(J)2/6	P/111DAT3R	1TDAN	1/2
	0	04-048-241	(G)	(J)2/4	P/111DAT3	1TDAN	1/2
	0	04-048-241	(G)	(J)2/4	P/111DAT3	1TDAN	1/2
111DAT3R	0	04-048-341	(G)	(J)2/6	P/111DAT3R	1TDAN	1/2
	0	04-048-241	(G)	(J)2/4	P/111DAT3R	1TDAN	1/2
110DAT3	0	04-048-342	(G)	(J)2/6	P/110DAT3R	1RDAN	1/2
	0	04-048-342	(G)	(J)2/4	P/110DAT3R	1RDAN	1/2
110DAT3R	0	04-048-242	(G)	(J)2/6	P/110DAT3	1RDAN	1/2
	0	04-048-242	(G)	(J)2/4	P/110DAT3	1RDAN	1/2
11SYN3	0	04-048-242	(G)	(J)2/6	P/11SYN3R	1SYNCP	1/2
	0	04-048-339	(G)	(J)2/4	P/11SYN3R	1SYNCP	1/2
	0	04-048-339	(G)	(J)2/4	P/11SYN3R	1SYNCP	1/2
11SYN3R	0	04-048-239	(G)	(J)2/6	P/11SYN3	1SYN	1/2
	0	04-048-239	(G)	(J)2/4	P/11SYN3	1SYN	1/2
114MCK3	0	04-048-340	(G)	(J)2/4	P/114MCK3R	1CLKP	1/2
	0	04-048-340	(G)	(J)2/4	P/114MCK3R	1CLKP	1/2
114MCK3R	0	04-048-340	(G)	(J)2/6	P/114MCK3	1CLKN	1/2
	0	04-048-240	(G)	(J)2/4	P/114MCK3	1CLKN	1/2
	0	04-048-240	(G)	(J)2/6	P/114MCK3	1CLKN	1/2

PART OF FS 2
SYMBOL(S) 1 2 3

MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		2	5B
AT&T BELL LABORATORIES		SD-5D146-01	

PART OF FS 2

1 MESSAGE INTERFACE BUS

SYMBOL NO. 4

MESSAGE LINK
MESSAGE INTERFACE/CLOCK UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MICU-1	115-000	J5D006AA-1	C	(U)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-074-013				SYNCRORA	3/4
	0	04-074-014				4MCK7CRA	3/4
	0	04-074-016				00AT7CRA	3/4
	0	04-074-017				SYNCRORA	3/4
	0	04-074-018				4MCK6CRA	3/4
	0	04-074-020				00AT6CRA	3/4
	0	04-074-053				SYNCRORA	3/4
	0	04-074-054				4MCK6CRA	3/4
	0	04-074-056				00AT6CRA	3/4
	0	04-074-113				SYNCRORA	3/4
	0	04-074-114				4MCK7CRA	3/4
	0	04-074-116				00AT7CRA	3/4
	0	04-074-117				SYNCRORA	3/4
	0	04-074-118				4MCK6CRA	3/4
	0	04-074-120				00AT6CRA	3/4
	0	04-074-153				SYNCRORA	3/4
	0	04-074-154				4MCK6CRA	3/4
	0	04-074-156				00AT6CRA	3/4
	0	04-074-213				SYNCRORA	3/4
	0	04-074-214				4MCK7CRA	3/4
	0	04-074-216				00AT7CRA	3/4
	0	04-074-217				SYNCRORA	3/4
	0	04-074-218				4MCK6CRA	3/4
	0	04-074-220				00AT6CRA	3/4
	0	04-074-253				SYNCRORA	3/4
	0	04-074-254				4MCK6CRA	3/4
	0	04-074-256				00AT6CRA	3/4
	0	04-074-313				SYNCRORA	3/4
	0	04-074-314				4MCK7CRA	3/4
	0	04-074-316				00AT7CRA	3/4
	0	04-074-317				SYNCRORA	3/4
	0	04-074-318				4MCK6CRA	3/4
	0	04-074-320				00AT6CRA	3/4
	0	04-074-353				SYNCRORA	3/4
	0	04-074-354				4MCK6CRA	3/4
	0	04-074-356				00AT6CRA	3/4
	1	04-074-015				00AT7CRA	3/4
	1	04-074-019				00AT6CRA	3/4
	1	04-074-055				00AT6CRA	3/4
	1	04-074-115				00AT7CRA	3/4
	1	04-074-119				00AT6CRA	3/4
	1	04-074-155				00AT6CRA	3/4
	1	04-074-215				00AT7CRA	3/4
	1	04-074-219				00AT6CRA	3/4
	1	04-074-255				00AT6CRA	3/4
	1	04-074-315				00AT7CRA	3/4
	1	04-074-319				00AT6CRA	3/4
	1	04-074-355				00AT6CRA	3/4
CLK4MHZ	0	04-106-149	(X)	(X)1/4	P/CLK4MHZ	CLK4M0	2/2
CLK4MHZ	GRD	04-106-049	(X)	(X)1/4	P/CLK4MHZ	GRD04106	3/1
MATEENR	GRD	04-106-053	(X)	(X)1/4	P/MATEENR	GRD04106	3/1
PUSV	0	04-106-152	(X)	(X)1/4	P/PUSV	MATEEN	2/2
PUSVR	GRD	04-106-052	(X)	(X)1/4	P/PUSVR	GRD04106	3/1
OSYN6MS	I	04-106-150	(X)	(X)1/4	P/OSYN6MS	6MSIN	2/2
OSYN6MSR	GRD	04-106-050	(X)	(X)1/4	P/OSYN6MS	GRD04106	3/1
011DAT1	I	04-074-351	(J)	(J)1/1	P/011DAT1R	011DAT1A	3/4
011DAT1R	I	04-074-251	(J)	(J)1/1	P/011DAT1	011DAT1A	3/4
011DAT2	I	04-074-347	(J)	(J)1/2	P/011DAT2R	011DAT2A	3/4
011DAT2R	I	04-074-247	(J)	(J)1/2	P/011DAT2	011DAT2A	3/4

SYMBOL NO. 4 (CONT)

MESSAGE LINK
MESSAGE INTERFACE/CLOCK UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MICU-1	115-000	J5D006AA-1	C	(U)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
011DAT3	I	04-074-338	(J)	(J)1/3	P/011DAT3R	011DAT3A	3/4
011DAT3R	I	04-074-238	(J)	(J)1/3	P/011DAT3	011DAT3A	3/4
011DAT4	I	04-074-334		1/5	P/011DAT4R	011DAT4A	3/4
011DAT4R	I	04-074-234		1/5	P/011DAT4	011DAT4A	3/4
011DAT5	I	04-074-323		1/5	P/011DAT5R	011DAT5A	3/4
011DAT5R	I	04-074-223		1/5	P/011DAT5	011DAT5A	3/4
011DAT1	0	04-074-312	(J)	(J)1/1	P/011DAT1R	011DAT1A	3/4
011DAT1R	0	04-074-212	(J)	(J)1/1	P/011DAT1	011DAT1A	3/4
011DAT2	0	04-074-318	(J)	(J)1/2	P/011DAT2R	011DAT2A	3/4
011DAT2R	0	04-074-218	(J)	(J)1/2	P/011DAT2	011DAT2A	3/4
011DAT3	0	04-074-319	(J)	(J)1/3	P/011DAT3R	011DAT3A	3/4
011DAT3R	0	04-074-219	(J)	(J)1/3	P/011DAT3	011DAT3A	3/4
011DAT4	0	04-074-335		1/5	P/011DAT4R	011DAT4A	3/4
011DAT4R	0	04-074-235		1/5	P/011DAT4	011DAT4A	3/4
011DAT5	0	04-074-324		1/5	P/011DAT5R	011DAT5A	3/4
011DAT5R	0	04-074-224		1/5	P/011DAT5	011DAT5A	3/4
011SYNCR	0	04-074-349	(J)	(J)1/1	P/011SYNCR	011SYNCR	3/4
011SYNCR	0	04-074-249	(J)	(J)1/1	P/011SYNCR	011SYNCR	3/4
011SYNCR	0	04-074-345	(J)	(J)1/2	P/011SYNCR	011SYNCR	3/4
011SYNCR	0	04-074-245	(J)	(J)1/2	P/011SYNCR	011SYNCR	3/4
011SYNCR	0	04-074-336	(J)	(J)1/3	P/011SYNCR	011SYNCR	3/4
011SYNCR	0	04-074-236	(J)	(J)1/3	P/011SYNCR	011SYNCR	3/4
011SYNCR	0	04-074-332		1/5	P/011SYNCR	011SYNCR	3/4
011SYNCR	0	04-074-232		1/5	P/011SYNCR	011SYNCR	3/4
011SYNCR	0	04-074-321		1/5	P/011SYNCR	011SYNCR	3/4
011SYNCR	0	04-074-221		1/5	P/011SYNCR	011SYNCR	3/4
011MCK1	0	04-074-350	(J)	(J)1/1	P/011MCK1R	011MCK1A	3/4
011MCK1R	0	04-074-250	(J)	(J)1/1	P/011MCK1	011MCK1A	3/4
011MCK2	0	04-074-346	(J)	(J)1/2	P/011MCK2R	011MCK2A	3/4
011MCK2R	0	04-074-246	(J)	(J)1/2	P/011MCK2	011MCK2A	3/4
011MCK3	0	04-074-337	(J)	(J)1/3	P/011MCK3R	011MCK3A	3/4
011MCK3R	0	04-074-237	(J)	(J)1/3	P/011MCK3	011MCK3A	3/4
011MCK4	0	04-074-333		1/5	P/011MCK4R	011MCK4A	3/4
011MCK4R	0	04-074-233		1/5	P/011MCK4	011MCK4A	3/4
011MCK5	0	04-074-322		1/5	P/011MCK5R	011MCK5A	3/4
011MCK5R	0	04-074-222		1/5	P/011MCK5	011MCK5A	3/4
1RECVO	I	03-126B-FD	(S)	(S)2/6	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	FOIN	2/4
1XMITOP	OT	03-126A-FD	(S)	(S)2/6	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	FOOUT	2/3
111DAT1	I	04-074-151	(J)	(J)2/1	P/111DAT1R	111DAT1A	3/4
111DAT1R	I	04-074-051	(J)	(J)2/1	P/111DAT1	111DAT1A	3/4
111DAT2	I	04-074-147	(J)	(J)2/2	P/111DAT2R	111DAT2A	3/4
111DAT2R	I	04-074-047	(J)	(J)2/2	P/111DAT2	111DAT2A	3/4
111DAT3	I	04-074-138	(J)	(J)2/3	P/111DAT3R	111DAT3A	3/4
111DAT3R	I	04-074-038	(J)	(J)2/3	P/111DAT3	111DAT3A	3/4
111DAT4	I	04-074-134		2/5	P/111DAT4R	111DAT4A	3/4
111DAT4R	I	04-074-034		2/5	P/111DAT4	111DAT4A	3/4
111DAT5	I	04-074-123		2/5	P/111DAT5R	111DAT5A	3/4
111DAT5R	I	04-074-023		2/5	P/111DAT5	111DAT5A	3/4
111DAT1	0	04-074-152	(J)	(J)2/1	P/111DAT1R	011DAT1A	3/4
111DAT1R	0	04-074-052	(J)	(J)2/1	P/111DAT1	011DAT1A	3/4
111DAT2	0	04-074-148	(J)	(J)2/2	P/111DAT2R	011DAT2A	3/4
111DAT2R	0	04-074-048	(J)	(J)2/2	P/111DAT2	011DAT2A	3/4
111DAT3	0	04-074-139	(J)	(J)2/3	P/111DAT3R	011DAT3A	3/4
111DAT3R	0	04-074-039	(J)	(J)2/3	P/111DAT3	011DAT3A	3/4

SYMBOL NO. 4 (CONT)

MESSAGE LINK
MESSAGE INTERFACE/CLOCK UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MICU-1	115-000	J5D006AA-1	C	(U)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
111DAT4	0	04-074-135		2/5	P/111DAT4R	011DAT4A	3/4
111DAT4R	0	04-074-035		2/5	P/111DAT4	011DAT4A	3/4
111DAT5	0	04-074-124		2/5	P/111DAT5R	011DAT5A	3/4
111DAT5R	0	04-074-024		2/5	P/111DAT5	011DAT5A	3/4
111SYNCR	0	04-074-149	(J)	(J)2/1	P/111SYNCR	011SYNCR	3/4
111SYNCR	0	04-074-049	(J)	(J)2/1	P/111SYNCR	011SYNCR	3/4
111SYNCR	0	04-074-145	(J)	(J)2/2	P/111SYNCR	011SYNCR	3/4
111SYNCR	0	04-074-045	(J)	(J)2/2	P/111SYNCR	011SYNCR	3/4
111SYNCR	0	04-074-136	(J)	(J)2/3	P/111SYNCR	011SYNCR	3/4
111SYNCR	0	04-074-036	(J)	(J)2/3	P/111SYNCR	011SYNCR	3/4
111SYNCR	0	04-074-132		2/5	P/111SYNCR	011SYNCR	3/4
111SYNCR	0	04-074-032		2/5	P/111SYNCR	011SYNCR	3/4
111SYNCR	0	04-074-121		2/5	P/111SYNCR	011SYNCR	3/4
111SYNCR	0	04-074-021		2/5	P/111SYNCR	011SYNCR	3/4
111MCK1	0	04-074-150	(J)	(J)2/1	P/111MCK1R	011MCK1A	3/4
111MCK1R	0	04-074-050	(J)	(J)2/1	P/111MCK1	011MCK1A	3/4
111MCK2	0	04-074-146	(J)	(J)2/2	P/111MCK2R	011MCK2A	3/4
111MCK2R	0	04-074-046	(J)	(J)2/2	P/111MCK2	011MCK2A	3/4
111MCK3	0	04-074-137	(J)	(J)2/3	P/111MCK3R	011MCK3A	3/4
111MCK3R	0	04-074-037	(J)	(J)2/3	P/111MCK3	011MCK3A	3/4
111MCK4	0	04-074-133		2/5	P/111MCK4R	011MCK4A	3/4
111MCK4R	0	04-074-033		2/5	P/111MCK4	011MCK4A	3/4
111MCK5	0	04-074-122		2/5	P/111MCK5R	011MCK5A	3/4
111MCK5R	0	04-074-022		2/5	P/111MCK5	011MCK5A	3/4
4MHZCLK	I	04-106-156	(X)	(X)1/4	P/4MHZCLKR	MATEAM0	2/2
4MHZCLKR	GRD	04-106-056	(X)	(X)1/4	P/4MHZCLK	GRD04106	3/1
6MSIN	0	04-106-155	(X)	(X)1/4	P/6MSINR	OSYN6MS	2/2
6MSINR	GRD	04-106-055	(X)	(X)1/4	P/6MSIN	GRD04106	3/1
8MHZ	0	04-106-154	(X)	(X)1/4	P/8MHZINR	8MHZ	2/2
8MHZINR	GRD	04-106-054	(X)	(X)1/4	P/8MHZIN	GRD04106	3/1
8MHZ	I	04-106-151	(X)	(X)1/4	P/8MHZR	8MHZIN	2/2
8MHZR	GRD	04-106-051	(X)	(X)1/4	P/8MHZ	GRD04106	3/1

SYMBOL NO. 5

MESSAGE INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU-1	158-000	J5D006AF-1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-042-234				POSYNCR	1/3
	0	04-042-235				POCLKN	1/3
	0	04-042-236				POTDAN	1/3
	0	04-042-241				PITDAN	1/3

PART OF FS 2
SYMBOL(S) 4 5

MESSAGE SWITCH CABINET

DWG SIZE
2ISSUE
5B

PART OF FS 2 1 MESSAGE INTERFACE BUS

SYMBOL NO. 5 (CONT)

MESSAGE INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU2-1	158-000	J50006AF-1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	0	04-042-334				P0SYNCP	1/3
	0	04-042-335				P0CLKP	1/3
	0	04-042-336				P0TDATAP	1/3
	0	04-042-341				P1TDATAP	1/3
	1	04-042-237				P0RDATAN	1/3
	1	04-042-239				P1SYNCP	1/3
	1	04-042-240				P1CLKN	1/3
	1	04-042-242				P1RDATAN	1/3
	1	04-042-337				P0RDATAP	1/3
	1	04-042-339				P1SYNCP	1/3
	1	04-042-340				P1CLKP	1/3
	1	04-042-342				P1RDATAP	1/3
101DAT4	0	04-056-336		1/4	P/101DAT4R	A0TDATAP	1/2
101DAT4R	0	04-056-236		1/4	P/101DAT4	A0TDATAN	1/2
101DAT5	0	04-146-336		1/4	P/101DAT5R	B0TDATAP	3/2
101DAT5R	0	04-146-236		1/4	P/101DAT5	B0TDATAN	3/2
100DAT4	1	04-056-337		1/4	P/100DAT4R	A0RDATAP	1/2
100DAT4R	1	04-056-237		1/4	P/100DAT4	A0RDATAN	1/2
100DAT5	1	04-146-337		1/4	P/100DAT5R	B0RDATAP	3/2
100DAT5R	1	04-146-237		1/4	P/100DAT5	B0RDATAN	3/2
10SYNCP4	1	04-056-334		1/4	P/10SYNCP4R	A0SYNCP	1/2
10SYNCP4R	1	04-056-234		1/4	P/10SYNCP4	A0SYNCP	1/2
10SYNCP5	1	04-146-334		1/4	P/10SYNCP5R	B0SYNCP	3/2
10SYNCP5R	1	04-146-234		1/4	P/10SYNCP5	B0SYNCP	3/2
104MCK4	1	04-056-335		1/4	P/104MCK4R	A0CLKP	1/2
104MCK4R	1	04-056-235		1/4	P/104MCK4	A0CLKN	1/2
104MCK5	1	04-146-335		1/4	P/104MCK5R	B0CLKP	3/2
104MCK5R	1	04-146-235		1/4	P/104MCK5	B0CLKN	3/2
111DAT4	0	04-056-341		2/4	P/111DAT4R	A1TDATAP	1/2
111DAT4R	0	04-056-241		2/4	P/111DAT4	A1TDATAN	1/2
111DAT5	0	04-146-341		2/4	P/111DAT5R	B1TDATAP	3/2
111DAT5R	0	04-146-241		2/4	P/111DAT5	B1TDATAN	3/2
110DAT4	1	04-056-342		2/4	P/110DAT4R	A1RDATAP	1/2
110DAT4R	1	04-056-242		2/4	P/110DAT4	A1RDATAN	1/2
110DAT5	1	04-146-342		2/4	P/110DAT5R	B1RDATAP	3/2
110DAT5R	1	04-146-242		2/4	P/110DAT5	B1RDATAN	3/2
11SYNCP4	1	04-056-339		2/4	P/11SYNCP4R	A1SYNCP	1/2
11SYNCP4R	1	04-056-239		2/4	P/11SYNCP4	A1SYNCP	1/2
11SYNCP5	1	04-146-339		2/4	P/11SYNCP5R	B1SYNCP	3/2
11SYNCP5R	1	04-146-239		2/4	P/11SYNCP5	B1SYNCP	3/2
114MCK4	1	04-056-340		2/4	P/114MCK4R	A1CLKP	1/2
114MCK4R	1	04-056-240		2/4	P/114MCK4	A1CLKN	1/2
114MCK5	1	04-146-340		2/4	P/114MCK5R	B1CLKP	3/2
114MCK5R	1	04-146-240		2/4	P/114MCK5	B1CLKN	3/2

SYMBOL NO. 6

MESSAGE LINK
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MICU2-1	115-000	J50006ED-1	C	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-068-013				SYNC7CRA	3/
	0	04-068-014				4MCK7CRA	3/
	0	04-068-016				ODAT7CRA	3/
	0	04-068-017				SYNC6CRA	3/
	0	04-068-018				4MCK6CRA	3/
	0	04-068-020				ODAT6CRA	3/
	0	04-068-021				SYNC5CRA	3/
	0	04-068-022				4MCK5CRA	3/
	0	04-068-024				ODAT5CRA	3/
	0	04-068-032				SYNC4CRA	3/
	0	04-068-033				4MCK4CRA	3/
	0	04-068-035				ODAT4CRA	3/
	0	04-068-053				SYNC0CRA	3/
	0	04-068-054				4MCK0CRA	3/
	0	04-068-056				ODAT0CRA	3/
	0	04-068-113				SYNC7CA	3/
	0	04-068-114				4MCK7CA	3/
	0	04-068-116				ODAT7CA	3/
	0	04-068-117				SYNC6CA	3/
	0	04-068-118				4MCK6CA	3/
	0	04-068-120				ODAT6CA	3/
	0	04-068-121				SYNC5CA	3/
	0	04-068-122				4MCK5CA	3/
	0	04-068-124				ODAT5CA	3/
	0	04-068-132				SYNC4CA	3/
	0	04-068-133				4MCK4CA	3/
	0	04-068-135				ODAT4CA	3/
	0	04-068-153				SYNC0CA	3/
	0	04-068-154				4MCK0CA	3/
	0	04-068-156				ODAT0CA	3/
	0	04-068-213				SYNC7SRA	3/
	0	04-068-214				4MCK7SRA	3/
	0	04-068-216				ODAT7SRA	3/
	0	04-068-217				SYNC6SRA	3/
	0	04-068-218				4MCK6SRA	3/
	0	04-068-220				ODAT6SRA	3/
	0	04-068-221				SYNC5SRA	3/
	0	04-068-222				4MCK5SRA	3/
	0	04-068-224				ODAT5SRA	3/
	0	04-068-232				SYNC4SRA	3/
	0	04-068-233				4MCK4SRA	3/
	0	04-068-235				ODAT4SRA	3/
	0	04-068-253				SYNC0SRA	3/
	0	04-068-254				4MCK0SRA	3/
	0	04-068-256				ODAT0SRA	3/
	0	04-068-313				SYNC7SA	3/
	0	04-068-314				4MCK7SA	3/
	0	04-068-316				ODAT7SA	3/
	0	04-068-317				SYNC6SA	3/
	0	04-068-318				4MCK6SA	3/
	0	04-068-320				ODAT6SA	3/
	0	04-068-321				SYNC5SA	3/
	0	04-068-322				4MCK5SA	3/
	0	04-068-324				ODAT5SA	3/
	0	04-068-332				SYNC4SA	3/
	0	04-068-333				4MCK4SA	3/
	0	04-068-335				ODAT4SA	3/
	0	04-068-353				SYNC0SA	3/
	0	04-068-354				4MCK0SA	3/
	0	04-068-356				ODAT0SA	3/

PART OF FS 2
1 MESSAGE INTERFACE BUS

SYMBOL NO. 6 (CONT)

MESSAGE LINK
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQPT LOC	CODE	ELEM IDENT	DPT
MICU2-1	115-000	J50006ED-1	C	(P)

LEAD DESIG	FUNC	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
014MCK3	O	04-068-117 (G)	(G)1/3	P/014MCK3R	4MCK3SA	3/4
014MCK3R 1RECVOP	O I	04-068-237 (G) 03-126B-F0 (S)	(G)1/3 (S)2/4 TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/014MCK3	4MCK3SRA FOIN	3/4 2/4
1XMITOP	OT	03-126A-F0 (S)	(S)2/4 TO TIME MULTIPLEXED SWITCH CABINET BAY 1		FOOUT	2/3
111DAT1	I	04-068-151 (G)	(G)2/1	P/111DAT1R	1DAT1CA	3/4
111DAT1R	I	04-068-051 (G)	(G)2/1	P/111DAT1	1DAT1CRA	3/4
111DAT2	I	04-068-147 (G)	(G)2/2	P/111DAT2R	1DAT2CA	3/4
111DAT2R	I	04-068-047 (G)	(G)2/2	P/111DAT2	1DAT2CRA	3/4
111DAT3	I	04-068-138 (G)	(G)2/3	P/111DAT3R	1DAT3CA	3/4
111DAT3R	I	04-068-038 (G)	(G)2/3	P/111DAT3	1DAT3CRA	3/4
110DAT1	O	04-068-152 (G)	(G)2/1	P/110DAT1R	0DAT1CA	3/4
110DAT1R	O	04-068-052 (G)	(G)2/1	P/110DAT1	0DAT1CRA	3/4
110DAT2	O	04-068-148 (G)	(G)2/2	P/110DAT2R	0DAT2CA	3/4
110DAT2R	O	04-068-048 (G)	(G)2/2	P/110DAT2	0DAT2CRA	3/4
110DAT3	O	04-068-139 (G)	(G)2/3	P/110DAT3R	0DAT3CA	3/4
110DAT3R	O	04-068-039 (G)	(G)2/3	P/110DAT3	0DAT3CRA	3/4
111SYNC1	O	04-068-149 (G)	(G)2/1	P/111SYNC1R	SYNC1CA	3/4
111SYNC1R	O	04-068-049 (G)	(G)2/1	P/111SYNC1	SYNC1CRA	3/4
111SYNC2	O	04-068-145 (G)	(G)2/2	P/111SYNC2R	SYNC2CA	3/4
111SYNC2R	O	04-068-045 (G)	(G)2/2	P/111SYNC2	SYNC2CRA	3/4
111SYNC3	O	04-068-136 (G)	(G)2/3	P/111SYNC3R	SYNC3CA	3/4
111SYNC3R	O	04-068-036 (G)	(G)2/3	P/111SYNC3	SYNC3CRA	3/4
114MCK1	O	04-068-150 (G)	(G)2/1	P/114MCK1R	4MCK1CA	3/4
114MCK1R	O	04-068-050 (G)	(G)2/1	P/114MCK1	4MCK1CRA	3/4
114MCK2	O	04-068-146 (G)	(G)2/2	P/114MCK2R	4MCK2CA	3/4
114MCK2R	O	04-068-046 (G)	(G)2/2	P/114MCK2	4MCK2CRA	3/4
114MCK3	O	04-068-137 (G)	(G)2/3	P/114MCK3R	4MCK3CA	3/4
114MCK3R	O	04-068-037 (G)	(G)2/3	P/114MCK3	4MCK3CRA	3/4
4MHZCLK	I	04-100-156 (T)	(T)1/6	P/4MHZCLKR	MATE4M0	2/2
4MHZCLKR	GRD	04-100-056 (T)	(T)1/6	P/4MHZCLK	GRD04100	3/1
6MSIN	O	04-100-155 (T)	(T)1/6	P/6MSINR	0SYN6MS	2/2
6MSINR	GRD	04-100-055 (T)	(T)1/6	P/6MSIN	GRD04100	3/1
8MHIN	O	04-100-154 (T)	(T)1/6	P/8MHINR	8MHZ	2/2
8MHINR	GRD	04-100-054 (T)	(T)1/6	P/8MHIN	GRD04100	3/1
8MHZ	I	04-100-151 (T)	(T)1/6	P/8MHZR	8MHIN	2/2
8MHZR	GRD	04-100-051 (T)	(T)1/6	P/8MHZ	GRD04100	3/1

PART OF FS 2
SYMBOL(S) 6

MESSAGE SWITCH CABINET		DWG SIZE 12	ISSUE 5B
AT&T BELL LABORATORIES		SD-5D146-01 BZCD	

1 MESSAGE INTERFACE BUS
COMPOSITE DIAGRAM 1

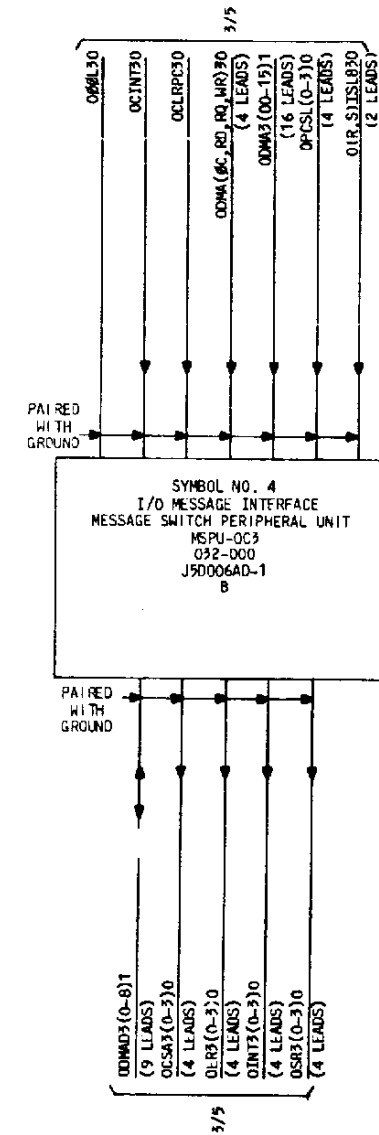
FS 2 IS THE SIMPLEX MESSAGE INTERFACE BUS (MIB) FUNCTION. THIS FUNCTION PROVIDES THE MESSAGE SWITCH CABINET WITH A TIME SLUS. THE CIRCUIT GROUPS WHICH TOGETHER PROVIDE THIS FUNCTION ARE, THE LINK INTERFACE (LI), THE MESSAGE INTERFACE (MI), THE MODULE MESSAGE PROCESSORS (MMPs), AND THE PUMP PERIPHERAL CONTROLLER (PPC). FOR GREATER MESSAGE SWITCH RELIABILITY THE CABINET PROVIDES A DUPLEX MIB FUNCTION, WITH CROSS COUPLING BETWEEN THE MESSAGE SWITCH PERIPHERAL UNITS. (MSPUS) AND THE MESSAGE INTERFACE AND CLOCK UNIT (MI/CU). THE CROSS COUPLING IS NOT SHOWN.

THE PPC IN MSPU COMMUNITY 1 IS USED TO "PUMP-UP" THE MEMORY IN THE IM DURING OFFICE BRING-UP. SERIAL DATA TIME SLOTS FROM THE PPC ARE SENT IN THE IDENTICAL MANNER AS THE MMPS, HOWEVER, TRANSMISSION FROM AN IM IS ONLY USED FOR DIAGNOSTICS.



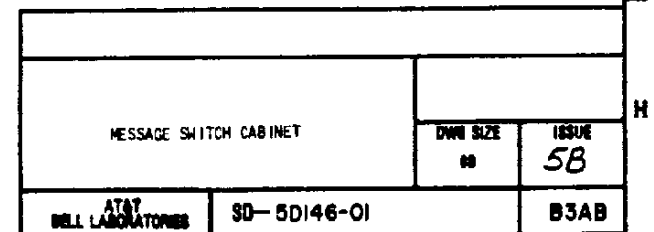
**SHEET
B2GA**

8 INPUT/OUTPUT MICROPROCESSOR INTERFACE
(P/O INTERCONNECTION & FLOW DIAGRAM)



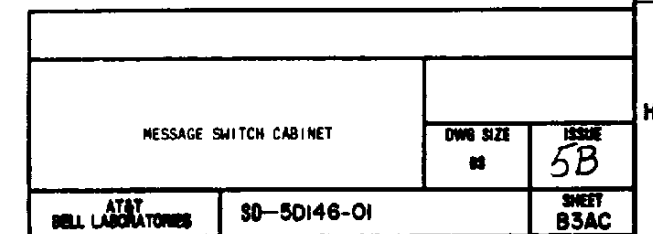
B3AA

0 INPUT/OUTPUT MICROPROCESSOR INTERFACE
(I/O INTERCONNECTION & FLOW DIAGRAM)



B3AB

0 INPUT/OUTPUT MICROPROCESSOR INTERFACE (P/O INTERCONNECTION AND FLOW DIAGRAM)



PART OF FS 3
0 INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 1
I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG EOPT LOC CODE ELEM IDENT OPT
MSCU-0 041-000 J5D006AB-1 B

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OCCLK00N	0	04-176-007		TO 3B DMA 0	P/OCCLK00P	CLK00N	1/1
OCCLK00P	0	04-176-106		TO 3B DMA 0	P/OCCLK00N	CLK00P	1/1
OCCLK10N	0	04-176-207		TO 3B DMA 1	P/OCCLK10P	CLK10N	1/1
OCCLK10P	0	04-176-306		TO 3B DMA 1	P/OCCLK10N	CLK10P	1/1
ODAH08N	10	04-176-010		TO 3B DMA 0	P/ODAH08P	DAH08N	1/1
ODAH08P	10	04-176-109		TO 3B DMA 0	P/ODAH08N	DAH08P	1/1
ODAH18N	10	04-176-210		TO 3B DMA 1	P/ODAH18P	DAH18N	1/1
ODAH18P	10	04-176-309		TO 3B DMA 1	P/ODAH18N	DAH18P	1/1
ODAL08N	10	04-176-009		TO 3B DMA 0	P/ODAL08P	DAL08N	1/1
ODAL08P	10	04-176-108		TO 3B DMA 0	P/ODAL08N	DAL08P	1/1
ODAL18N	10	04-176-209		TO 3B DMA 1	P/ODAL18P	DAL18N	1/1
ODAL18P	10	04-176-308		TO 3B DMA 1	P/ODAL18N	DAL18P	1/1
OGRO0450	GRD	04-176-005	(X)	3/5 TO 3B DMA 0		GRD176	1/1
OGRO0451	GRD	04-176-111	(X)	3/5 TO 3B DMA 0		GRD176	1/1
OGRO0452	GRD	04-176-206	(X)	3/5 TO 3B DMA 1		GRD176	1/1
OGRO0453	GRD	04-176-311	(X)	3/5 TO 3B DMA 1		GRD176	1/1
ORE008N	10	04-176-011		TO 3B DMA 0	P/ORE008P	REQ08N	1/1
ORE008P	10	04-176-110		TO 3B DMA 0	P/ORE008N	REQ08P	1/1
ORE018N	10	04-176-211		TO 3B DMA 1	P/ORE018P	REQ18N	1/1
ORE018P	10	04-176-310		TO 3B DMA 1	P/ORE018N	REQ18P	1/1
OXCLK01N	10	04-176-008		TO 3B DMA 0	P/OXCLK01P	XCLK01N	1/1
OXCLK01P	10	04-176-107		TO 3B DMA 0	P/OXCLK01N	XCLK01P	1/1
OXCLK11N	10	04-176-208		TO 3B DMA 1	P/OXCLK11P	XCLK11N	1/1
OXCLK11P	10	04-176-307		TO 3B DMA 1	P/OXCLK11N	XCLK11P	1/1

SYMBOL NO. 2
I/O MESSAGE INTERFACE
MESSAGE SWITCH PERIPHERAL UNIT

DESIG EOPT LOC CODE ELEM IDENT OPT
MSPU-0C1 049-000 J5D006AD-1 B

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OCINT10	1	04-063-020		3/5	P/OGRO0711	CMINT0	1/1
OCRPC10	1	04-062-020		3/5	P/OGRO0701	INITPC0	1/1
OCSA100	0	04-062-016		3/5	P/OGRO0701	ACSA0	1/1
OCSA110	0	04-062-017		3/5	P/OGRO0701	BCSA0	1/5
OCSA120	0	04-062-018		3/5	P/OGRO0701	CCSA0	1/9
OCSA130	0	04-062-019		3/5	P/OGRO0701	DCSA0	1/13
ODMAD101	10	04-071-016		3/5	P/OGRO0713	DMADA001	1/1
ODMAD111	10	04-070-016		3/5	P/OGRO0703	DMADA011	1/1
ODMAD121	10	04-071-017		3/5	P/OGRO0713	DMADA021	1/1
ODMAD131	10	04-070-017		3/5	P/OGRO0703	DMADA031	1/1
ODMAD141	10	04-071-018		3/5	P/OGRO0713	DMADA041	1/1
ODMAD151	10	04-070-018		3/5	P/OGRO0703	DMADA051	1/1
ODMAD161	10	04-071-019		3/5	P/OGRO0713	DMADA061	1/1
ODMAD171	10	04-070-019		3/5	P/OGRO0703	DMADA071	1/1
ODMAD181	10	04-071-020		3/5	P/OGRO0713	DMADA081	1/1
ODMAD191	10	04-071-020		3/5	P/OGRO0713	DMADA091	1/1
ODMAD201	10	04-071-020		3/5	P/OGRO0713	DMADA101	1/1
ODMAD211	10	04-071-020		3/5	P/OGRO0713	DMADA111	1/1
ODMAD221	10	04-071-020		3/5	P/OGRO0713	DMADA121	1/1
ODMAD231	10	04-071-020		3/5	P/OGRO0713	DMADA131	1/1
ODMAD241	10	04-071-020		3/5	P/OGRO0713	DMADA141	1/1
ODMAD251	10	04-071-020		3/5	P/OGRO0713	DMADA151	1/1
ODMAD261	10	04-071-020		3/5	P/OGRO0713	DMADA161	1/1
ODMAD271	10	04-071-020		3/5	P/OGRO0713	DMADA171	1/1
ODMAD281	10	04-071-020		3/5	P/OGRO0713	DMADA181	1/1
ODMAD291	10	04-071-020		3/5	P/OGRO0713	DMADA191	1/1
ODMAD301	10	04-071-020		3/5	P/OGRO0713	DMADA201	1/1
ODMAD311	10	04-071-020		3/5	P/OGRO0713	DMADA211	1/1
ODMAD321	10	04-071-020		3/5	P/OGRO0713	DMADA221	1/1
ODMAD331	10	04-071-020		3/5	P/OGRO0713	DMADA231	1/1
ODMAD341	10	04-071-020		3/5	P/OGRO0713	DMADA241	1/1
ODMAD351	10	04-071-020		3/5	P/OGRO0713	DMADA251	1/1
ODMAD361	10	04-071-020		3/5	P/OGRO0713	DMADA261	1/1
ODMAD371	10	04-071-020		3/5	P/OGRO0713	DMADA271	1/1
ODMAD381	10	04-071-020		3/5	P/OGRO0713	DMADA281	1/1
ODMAD391	10	04-071-020		3/5	P/OGRO0713	DMADA291	1/1
ODMAD401	10	04-071-020		3/5	P/OGRO0713	DMADA301	1/1
ODMAD411	10	04-071-020		3/5	P/OGRO0713	DMADA311	1/1
ODMAD421	10	04-071-020		3/5	P/OGRO0713	DMADA321	1/1
ODMAD431	10	04-071-020		3/5	P/OGRO0713	DMADA331	1/1
ODMAD441	10	04-071-020		3/5	P/OGRO0713	DMADA341	1/1
ODMAD451	10	04-071-020		3/5	P/OGRO0713	DMADA351	1/1
ODMAD461	10	04-071-020		3/5	P/OGRO0713	DMADA361	1/1
ODMAD471	10	04-071-020		3/5	P/OGRO0713	DMADA371	1/1
ODMAD481	10	04-071-020		3/5	P/OGRO0713	DMADA381	1/1
ODMAD491	10	04-071-020		3/5	P/OGRO0713	DMADA391	1/1
ODMAD501	10	04-071-020		3/5	P/OGRO0713	DMADA401	1/1
ODMAD511	10	04-071-020		3/5	P/OGRO0713	DMADA411	1/1
ODMAD521	10	04-071-020		3/5	P/OGRO0713	DMADA421	1/1
ODMAD531	10	04-071-020		3/5	P/OGRO0713	DMADA431	1/1
ODMAD541	10	04-071-020		3/5	P/OGRO0713	DMADA441	1/1
ODMAD551	10	04-071-020		3/5	P/OGRO0713	DMADA451	1/1
ODMAD561	10	04-071-020		3/5	P/OGRO0713	DMADA461	1/1
ODMAD571	10	04-071-020		3/5	P/OGRO0713	DMADA471	1/1
ODMAD581	10	04-071-020		3/5	P/OGRO0713	DMADA481	1/1
ODMAD591	10	04-071-020		3/5	P/OGRO0713	DMADA491	1/1
ODMAD601	10	04-071-020		3/5	P/OGRO0713	DMADA501	1/1
ODMAD611	10	04-071-020		3/5	P/OGRO0713	DMADA511	1/1
ODMAD621	10	04-071-020		3/5	P/OGRO0713	DMADA521	1/1
ODMAD631	10	04-071-020		3/5	P/OGRO0713	DMADA531	1/1
ODMAD641	10	04-071-020		3/5	P/OGRO0713	DMADA541	1/1
ODMAD651	10	04-071-020		3/5	P/OGRO0713	DMADA551	1/1
ODMAD661	10	04-071-020		3/5	P/OGRO0713	DMADA561	1/1
ODMAD671	10	04-071-020		3/5	P/OGRO0713	DMADA571	1/1
ODMAD681	10	04-071-020		3/5	P/OGRO0713	DMADA581	1/1
ODMAD691	10	04-071-020		3/5	P/OGRO0713	DMADA591	1/1
ODMAD701	10	04-071-020		3/5	P/OGRO0713	DMADA601	1/1
ODMAD711	10	04-071-020		3/5	P/OGRO0713	DMADA611	1/1
ODMAD721	10	04-071-020		3/5	P/OGRO0713	DMADA621	1/1
ODMAD731	10	04-071-020		3/5	P/OGRO0713	DMADA631	1/1
ODMAD741	10	04-071-020		3/5	P/OGRO0713	DMADA641	1/1
ODMAD751	10	04-071-020		3/5	P/OGRO0713	DMADA651	1/1
ODMAD761	10	04-071-020		3/5	P/OGRO0713	DMADA661	1/1
ODMAD771	10	04-071-020		3/5	P/OGRO0713	DMADA671	1/1
ODMAD781	10	04-071-020		3/5	P/OGRO0713	DMADA681	1/1
ODMAD791	10	04-071-020		3/5	P/OGRO0713	DMADA691	1/1
ODMAD801	10	04-071-020		3/5	P/OGRO0713	DMADA701	1/1
ODMAD811	10	04-071-020		3/5	P/OGRO0713	DMADA711	1/1
ODMAD821	10	04-071-020		3/5	P/OGRO0713	DMADA721	1/1
ODMAD831	10	04-071-020		3/5	P/OGRO0713	DMADA731	1/1
ODMAD841	10	04-071-020		3/5	P/OGRO0713	DMADA741	1/1
ODMAD851	10	04-071-020		3/5	P/OGRO0713	DMADA751	1/1
ODMAD861	10	04-071-020		3/5	P/OGRO0713	DMADA761	1/1
ODMAD871	10	04-071-020		3/5	P/OGRO0713	DMADA771	1/1
ODMAD881	10	04-071-020		3/5	P/OGRO0713	DMADA781	1/1
ODMAD891	10	04-071-020		3/5	P/OGRO0713	DMADA791	1/1
ODMAD901	10	04-071-020		3/5	P/OGRO0713	DMADA801	1/1
ODMAD911	10	04-071-020		3/5	P/OGRO0713	DMADA811	1/1
ODMAD921	10	04-071-020		3/5	P/OGRO0713	DMADA821	1/1
ODMAD931	10	04-071-020		3/5	P/OGRO0713	DMADA831	1/1
ODMAD941	10	04-071-020		3/5	P/OGRO0713	DMADA841	1/1
ODMAD951	10	04-071-020		3/5	P/OGRO0713	DMADA851	1/1
ODMAD961	10	04-071-020		3/5	P/OGRO0713	DMADA861	1/1
ODMAD971	10	04-071-020		3/5	P/OGRO0713	DMADA871	1/1
ODMAD981	10	04-071-020		3/5	P/OGRO0713	DMADA881	1/1
ODMAD991	10	04-071-020		3/5	P/OGRO0713	DMADA891	1/1
ODMAD1001	10	04-071-020		3/5	P/OGRO0713	DMADA901	1/1
ODMAD1011	10	04-071-020		3/5	P/OGRO0713	DMADA911	1/1
ODMAD1021	10	04-071-020		3/5	P/OGRO0713	DMADA921	1/1
ODMAD1031	10	04-071-020		3/5	P/OGRO0713	DMADA931	1/1
ODMAD1041	10	04-071-020		3/5	P/OGRO0713	DMADA941	1/1
ODMAD1051	10	04-071-020		3/5	P/OGRO0713	DMADA951	1/1
ODMAD1061	10	04-071-020		3/5	P/OGRO0713	DMADA961	1/1
ODMAD1071	10	04-071-020		3/5	P/OGRO0713	DMADA971	1/1
ODMAD1081	10	04-071-020		3/5	P/OGRO0713	DMADA981	1/1
ODMAD1091	10	04-071-020		3/5	P/OGRO0713	DMADA991	1/1
ODMAD1101	10	04-071-020		3/5	P/OGRO0713	DMADA1001	1/1
ODMAD1111	10	04-071-020		3/5	P/OGRO0713	DMADA1011	1/1
ODMAD1121	10	04-071-020		3/5	P/OGRO0713	DMADA1021	1/1
ODMAD1131	10	04-071-020		3/5	P/OGRO0713	DMADA1031	1/1
ODMAD1141	10	04-071-020		3/5	P/OGRO0713	DMADA1041	1/1
ODMAD1151	10	04-071-020		3/5	P/OGRO0713	DMADA1051	1/1
ODMAD1161	10	04-071-020		3/5	P/OGRO0713	DMADA1061	1/1
ODMAD1171	10	04-071-020		3/5	P/OGRO0713	DMADA1071	1/1
ODMAD1181	10	04-071-020		3/5	P/OGRO0713	DMADA1081	1/1
ODMAD1191	10	04-071-020		3/5	P/OGRO0713	DMADA1091	1/1
ODMAD1201	10	04-071-020		3/5	P/OGRO0713	DMADA1101	1/1
ODMAD1211	10	04-071-020		3/5	P/OGRO0713	DMADA1111	1/1
ODMAD1221	10	04-071-020		3/5	P/OGRO0713	DMADA1121	1/1
ODMAD1231	10	04-071-020		3/5	P/OGRO0713	DMADA1131	1/1
ODMAD1241	10	04-071-020		3/5	P/OGRO0713	DMADA1141	1/1
ODMAD1251	10	04-071-020		3/5	P/OGRO0713	DMADA1151	1/1
ODMAD1261	10	04-071-020		3/5	P/OGRO0713	DMADA1161	1/1
ODMAD1271	10	04-071-020		3/5	P/OGRO0713	DMADA1171	1/1
ODMAD1281	10	04-071-020		3/5	P/OGRO0713	DMADA1181	1/1
ODMAD1291	10	04-071-020		3/5	P/OGRO0713	DMADA1191	1/1

PART OF FS 3 I/O INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 3 (CONT) I/O MESSAGE INTERFACE MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MSPU-0C2	024-000	J5D006AD-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	GRD	04-071-011		3/6	P/0GRD0792	GRD04080	1/5
0GRD0283	GRD	04-070-013		3/3	P/0GRD0783	GRD04080	1/5
	GRD	04-070-024		3/6	P/0GRD0783	GRD04080	1/5
	GRD	04-071-013		3/3	P/0GRD0793	GRD04080	1/5
0INT200	GRD	04-071-024		3/3	P/0GRD0793	GRD04080	1/5
0INT210	0	04-071-022		3/5	P/0GRD0793	AINTRO	1/1
	0	04-070-022		3/5	P/0GRD0783	BINTRO	1/5
0INT220	0	04-071-023		3/5	P/0GRD0793	CINTRO	1/9
0INT230	0	04-070-023		3/5	P/0GRD0783	DINTRO	1/13
000L20	PWR	04-062-006		3/5	P/0GRD0780	+SPWR01	1/1
0PCSL200	I	04-063-003		3/5	P/0GRD0790	APCSELO	1/1
0PCSL210	I	04-063-004		3/5	P/0GRD0790	BPCSELO	1/5
0PCSL220	I	04-063-005		3/5	P/0GRD0790	CPCSELO	1/9
0PCSL230	I	04-063-006		3/5	P/0GRD0790	DPCSELO	1/13
0ISL820	I	04-063-021		3/5	P/0GRD0791	RISLO	1/1
0ISL820	I	04-062-021		3/5	P/0GRD0781	SISLO	1/1
0SR200	0	04-063-022		3/5	P/0GRD0781	ASRO	1/1
0SR210	0	04-062-022		3/5	P/0GRD0781	BSRO	1/5
0SR220	0	04-063-023		3/5	P/0GRD0781	CSRO	1/9
0SR230	0	04-062-023		3/5	P/0GRD0781	DSRO	1/13

SYMBOL NO. 4 I/O MESSAGE INTERFACE MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MSPU-0C3	032-000	J5D006AD-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0CINT30	I	04-063-020		3/5	P/0GRD0811	CMDINT0	1/1
0CLRPC30	I	04-062-020		3/5	P/0GRD0801	INITPC0	1/1
0CSA300	0	04-062-016		3/5	P/0GRD0801	ACSA0	1/1
0CSA310	0	04-062-017		3/5	P/0GRD0801	BCSA0	1/5
0CSA320	0	04-062-018		3/5	P/0GRD0801	CCSA0	1/9
0CSA330	0	04-062-019		3/5	P/0GRD0801	DCSA0	1/13
0DMAD301	IO	04-071-016		3/5	P/0GRD0813	DMADA001	1/1
0DMAD311	IO	04-070-016		3/5	P/0GRD0803	DMADA011	1/1
0DMAD321	IO	04-071-017		3/5	P/0GRD0813	DMADA021	1/1
0DMAD331	IO	04-070-017		3/5	P/0GRD0803	DMADA031	1/1
0DMAD341	IO	04-071-018		3/5	P/0GRD0813	DMADA041	1/1
0DMAD351	IO	04-070-018		3/5	P/0GRD0803	DMADA051	1/1
0DMAD361	IO	04-071-019		3/5	P/0GRD0813	DMADA061	1/1
0DMAD371	IO	04-070-019		3/5	P/0GRD0803	DMADA071	1/1
0DMAD381	IO	04-071-020		3/5	P/0GRD0813	DMADA081	1/1
0DMAOC30	I	04-063-018		3/5	P/0GRD0811	DMACPC0	1/1
0DMARD30	I	04-063-017		3/5	P/0GRD0811	DMARD0	1/1
0DMARD30	I	04-063-019		3/5	P/0GRD0811	DMAREQ0	1/1
0DMAHR30	I	04-063-016		3/5	P/0GRD0811	DMANT0	1/1
0DMA3001	I	04-071-003		3/5	P/0GRD0812	DMAAD001	1/1
0DMA3011	I	04-070-003		3/5	P/0GRD0802	DMAAD011	1/1
0DMA3021	I	04-071-004		3/5	P/0GRD0812	DMAAD021	1/1
0DMA3031	I	04-070-004		3/5	P/0GRD0802	DMAAD031	1/1
0DMA3041	I	04-071-005		3/5	P/0GRD0812	DMAAD041	1/1

SYMBOL NO. 4 (CONT) I/O MESSAGE INTERFACE MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MSPU-0C3	032-000	J5D006AD-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0DMA3051	I	04-070-005		3/5	P/0GRD0802	DMAAD051	1/1
0DMA3061	I	04-071-006		3/5	P/0GRD0812	DMAAD061	1/1
0DMA3071	I	04-070-006		3/5	P/0GRD0802	DMAAD071	1/1
0DMA3081	I	04-071-007		3/5	P/0GRD0812	DMAAD081	1/1
0DMA3091	I	04-070-007		3/5	P/0GRD0802	DMAAD091	1/1
0DMA3101	I	04-071-008		3/5	P/0GRD0812	DMAAD101	1/1
0DMA3111	I	04-070-008		3/5	P/0GRD0802	DMAAD111	1/1
0DMA3121	I	04-071-009		3/5	P/0GRD0812	DMAAD121	1/1
0DMA3131	I	04-070-009		3/5	P/0GRD0802	DMAAD131	1/1
0DMA3141	I	04-071-010		3/5	P/0GRD0812	DMAAD141	1/1
0DMA3151	I	04-070-010		3/5	P/0GRD0802	DMAAD151	1/1
0ER300	0	04-062-007		3/5	P/0GRD0800	AERR0	1/1
0ER310	0	04-062-008		3/5	P/0GRD0800	BERR0	1/5
0ER320	0	04-062-009		3/5	P/0GRD0800	CERR0	1/9
0ER330	0	04-062-010		3/5	P/0GRD0800	DERR0	1/13
0GRD0360	GRD	04-062-000			P/0GRD0800	GRD04064	1/1
	GRD	04-062-011			P/0GRD0800	GRD04064	1/1
	GRD	04-063-000			P/0GRD0810	GRD04064	1/1
0GRD0361	GRD	04-063-011			P/0GRD0801	GRD04064	1/1
	GRD	04-062-013			P/0GRD0801	GRD04064	1/1
	GRD	04-062-024			P/0GRD0801	GRD04064	1/1
0GRD0362	GRD	04-063-013			P/0GRD0811	GRD04064	1/1
	GRD	04-063-024			P/0GRD0811	GRD04064	1/1
	GRD	04-070-000			P/0GRD0802	GRD04080	1/5
	GRD	04-070-011			P/0GRD0812	GRD04080	1/5
	GRD	04-071-000			P/0GRD0812	GRD04080	1/5
	GRD	04-071-011			P/0GRD0812	GRD04080	1/5
0GRD0363	GRD	04-070-013			P/0GRD0813	GRD04080	1/5
	GRD	04-070-024			P/0GRD0813	GRD04080	1/5
	GRD	04-071-013			P/0GRD0813	GRD04080	1/5
0INT300	GRD	04-071-024			P/0GRD0813	GRD04080	1/5
0INT310	0	04-071-022		3/5	P/0GRD0813	AINTRO	1/1
	0	04-070-022		3/5	P/0GRD0803	BINTRO	1/5
0INT320	0	04-071-023		3/5	P/0GRD0813	CINTRO	1/9
0INT330	0	04-070-023		3/5	P/0GRD0803	DINTRO	1/13
000L30	PWR	04-062-006		3/5	P/0GRD0800	+SPWR01	1/1
0PCSL300	I	04-063-003		3/5	P/0GRD0810	APCSELO	1/1
0PCSL310	I	04-063-004		3/5	P/0GRD0810	BPCSELO	1/5
0PCSL320	I	04-063-005		3/5	P/0GRD0810	CPCSELO	1/9
0PCSL330	I	04-063-006		3/5	P/0GRD0810	DPCSELO	1/13
0RISL830	I	04-063-021		3/5	P/0GRD0811	RISLO	1/1
0SISL830	I	04-062-021		3/5	P/0GRD0801	SISLO	1/1
0SR300	0	04-063-022		3/5	P/0GRD0811	ASRO	1/1
0SR310	0	04-062-022		3/5	P/0GRD0801	BSRO	1/5
0SR320	0	04-063-023		3/5	P/0GRD0811	CSRO	1/9
0SR330	0	04-062-023		3/5	P/0GRD0801	DSRO	1/13

PART OF FS 3
SYMBOL(S) 3 4

MESSAGE SWITCH CABINET		DWG SIZE A	ISSUE 5B
AT&T BELL LABORATORIES		SD-5D146-01	B3CB

PRINTED IN U. S. A.

02/12/85

PART OF FS 3 I/O INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 5 (CONT)

I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSCU-0	041-000	J5D006AB-1	A	

LEAD DESIG	FUNC	TERM.	TERM. MOD	DESTINATION	NOTE	TERM. MOD	LOC
0	0	04-094-036	DMA7031	3/2			
0	0	04-094-037	DMA7051	3/2			
0	0	04-094-038	DMA7071	3/2			
0	0	04-094-039	DMA7091	3/2			
0	0	04-094-040	DMA7111	3/2			
0	0	04-094-041	DMA7131	3/2			
0	0	04-094-042	DMA7151	3/2			
0	0	04-095-003	PCSL700	3/2			
0	0	04-095-004	PCSL710	3/2			
0	0	04-095-005	PCSL720	3/2			
0	0	04-095-006	PCSL730	3/2			
0	0	04-095-016	DMAWR70	3/2			
0	0	04-095-017	DMAWD70	3/2			
0	0	04-095-018	DMAOC70	3/2			
0	0	04-095-019	DMAOD70	3/2			
0	0	04-095-020	CINT70	3/2			
0	0	04-095-021	RISL870	3/2			
0	0	04-095-035	DMA7001	3/2			
0	0	04-095-036	DMA7021	3/2			
0	0	04-095-037	DMA7041	3/2			
0	0	04-095-038	DMA7061	3/2			
0	0	04-095-039	DMA7081	3/2			
0	0	04-095-040	DMA7101	3/2			
0	0	04-095-041	DMA7121	3/2			
0	0	04-095-042	DMA7141	3/2			
0	0	04-068-006	DOL00	3/1			
0	0	04-068-007	ER000	3/1			
0	0	04-068-008	ER010	3/1			
0	0	04-068-009	ER020	3/1			
0	0	04-068-010	ER030	3/1			
0	0	04-068-016	CSA000	3/1			
0	0	04-068-017	CSA010	3/1			
0	0	04-068-018	CSA020	3/1			
0	0	04-068-019	CSA030	3/1			
0	0	04-068-022	SR010	3/1			
0	0	04-068-023	SR030	3/1			
0	0	04-068-048	DMA0011	3/1			
0	0	04-068-049	DMA0031	3/1			
0	0	04-068-050	DMA0051	3/1			
0	0	04-068-051	DMA0071	3/1			
0	0	04-068-054	INT010	3/1			
0	0	04-068-055	INT030	3/1			
0	0	04-069-022	SR000	3/1			
0	0	04-069-023	SR020	3/1			
0	0	04-069-049	DMA0021	3/1			
0	0	04-069-050	DMA0041	3/1			
0	0	04-069-051	DMA0061	3/1			
0	0	04-069-052	DMA0081	3/1			
0	0	04-069-054	INT000	3/1			
0	0	04-069-055	INT020	3/1			
0	0	04-092-006	DOL60	3/2			
0	0	04-092-007	ER600	3/2			
0	0	04-092-008	ER610	3/2			
0	0	04-092-009	ER620	3/2			
0	0	04-092-010	ER630	3/2			
0	0	04-092-016	CSA600	3/2			
0	0	04-092-017	CSA610	3/2			
0	0	04-092-018	CSA620	3/2			
0	0	04-092-019	CSA630	3/2			
0	0	04-092-022	SR610	3/2			

SYMBOL NO. 5 (CONT)

I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSCU-0	041-000	J5D006AB-1	A	

LEAD DESIG	FUNC	TERM.	TERM. MOD	DESTINATION	NOTE	TERM. MOD	LOC
0	0	04-092-023	SR630	3/2			
0	0	04-092-048	DMA0611	3/2			
0	0	04-092-049	DMA0631	3/2			
0	0	04-092-050	DMA0651	3/2			
0	0	04-092-051	DMA0671	3/2			
0	0	04-092-054	INT610	3/2			
0	0	04-092-055	INT630	3/2			
0	0	04-093-022	SR600	3/2			
0	0	04-093-023	SR620	3/2			
0	0	04-093-048	DMA0601	3/2			
0	0	04-093-049	DMA0621	3/2			
0	0	04-093-050	DMA0641	3/2			
0	0	04-093-051	DMA0661	3/2			
0	0	04-093-052	DMA0681	3/2			
0	0	04-093-054	INT600	3/2			
0	0	04-093-055	INT620	3/2			
0	0	04-094-006	DOL70	3/2			
0	0	04-094-007	ER700	3/2			
0	0	04-094-008	ER710	3/2			
0	0	04-094-009	ER720	3/2			
0	0	04-094-010	ER730	3/2			
0	0	04-094-016	CSA700	3/2			
0	0	04-094-017	CSA710	3/2			
0	0	04-094-018	CSA720	3/2			
0	0	04-094-019	CSA730	3/2			
0	0	04-094-022	SR710	3/2			
0	0	04-094-023	SR730	3/2			
0	0	04-094-048	DMA0711	3/2			
0	0	04-094-049	DMA0731	3/2			
0	0	04-094-050	DMA0751	3/2			
0	0	04-094-051	DMA0771	3/2			
0	0	04-094-054	INT710	3/2			
0	0	04-094-055	INT730	3/2			
0	0	04-095-022	SR700	3/2			
0	0	04-095-023	SR720	3/2			
0	0	04-095-048	DMA0701	3/2			
0	0	04-095-049	DMA0721	3/2			
0	0	04-095-050	DMA0741	3/2			
0	0	04-095-051	DMA0761	3/2			
0	0	04-095-052	DMA0781	3/2			
0	0	04-095-054	INT700	3/2			
0	0	04-095-055	INT720	3/2			
0	0	04-068-002	GRD072	3/1			
0	0	04-068-011	GRD072	3/1			
0	0	04-068-015	GRD072	3/1			
0	0	04-068-024	GRD072	3/1			
0	0	04-068-034	GRD072	3/1			
0	0	04-068-043	GRD072	3/1			
0	0	04-068-047	GRD072	3/1			
0	0	04-068-056	GRD072	3/1			

PART OF FS 3
SYMBOL(S) 5

MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		12	5B
ATTN BELL LABORATORIES	SD-50146-01	B3CC	

PRINTED IN U. S. A.

02/12/85

SYMBOL NO. 5 (CONT)

I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

PART OF FS 3			
SYMBOL(S) 5			
MESSAGE SWITCH CABINET DNG SIZE CZ ISSUE 58 AT&T BELL LABORATORIES SD-SD146-01 83CD PRINTED IN U. S. A.			
02/12/85			

PART OF FS 3
0 INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 5 (CONT)
I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG EOPT LOC CODE ELEM IDENT OPT
MSCU-0 041-000 J5D006AB-1 A

SYMBOL NO. 5 (CONT)
I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG EOPT LOC CODE ELEM IDENT OPT
MSCU-0 041-000 J5D006AB-1 A

SYMBOL NO. 5 (CONT)
I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG EOPT LOC CODE ELEM IDENT OPT
MSCU-0 041-000 J5D006AB-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
ODMA561	I	04-085-051		3/6	P/0GRD0793	DMA561	3/2
ODMA571	I	04-084-051		3/6	P/0GRD0783	DMA571	3/2
ODMA581	I	04-085-052		3/6	P/0GRD0793	DMA581	3/2
ODMA0C10	O	04-071-018		3/2	P/0GRD0711 209	DMA0C10	3/1
ODMA0C20	O	04-079-018		3/3	P/0GRD0791 209	DMA0C20	3/1
ODMA0C30	O	04-081-018		3/4	P/0GRD0811 209	DMA0C30	3/1
ODMA0C40	O	04-083-018		3/6	P/0GRD0711	DMA0C40	3/2
ODMA0C50	O	04-085-018		3/6	P/0GRD0791	DMA0C50	3/2
ODMA0D10	O	04-071-017		3/2	P/0GRD0711 209	DMA0D10	3/1
ODMA0D20	O	04-079-017		3/3	P/0GRD0791 209	DMA0D20	3/1
ODMA0D30	O	04-081-017		3/4	P/0GRD0811 209	DMA0D30	3/1
ODMA0D40	O	04-083-017		3/6	P/0GRD0711	DMA0D40	3/2
ODMA0D50	O	04-085-017		3/6	P/0GRD0791	DMA0D50	3/2
ODMA0E10	O	04-071-019		3/2	P/0GRD0711 209	DMA0E10	3/1
ODMA0E20	O	04-079-019		3/3	P/0GRD0791 209	DMA0E20	3/1
ODMA0E30	O	04-081-019		3/4	P/0GRD0811 209	DMA0E30	3/1
ODMA0E50	O	04-085-019		3/6	P/0GRD0791	DMA0E50	3/2
ODMA0F10	O	04-071-016		3/2	P/0GRD0711 209	DMA0F10	3/1
ODMA0F20	O	04-079-016		3/3	P/0GRD0791 209	DMA0F20	3/1
ODMA0F30	O	04-081-016		3/4	P/0GRD0811 209	DMA0F30	3/1
ODMA0F40	O	04-083-016		3/6	P/0GRD0711	DMA0F40	3/2
ODMA0F50	O	04-085-016		3/6	P/0GRD0791	DMA0F50	3/2
ODMA1001	O	04-071-035		3/2	P/0GRD0712 209	DMA1001	3/1
ODMA1011	O	04-070-035		3/2, 3/6	P/0GRD0702 209	DMA1011	3/1
ODMA1021	O	04-071-036		3/2	P/0GRD0712 209	DMA1021	3/1
ODMA1031	O	04-070-036		3/2, 3/6	P/0GRD0702 209	DMA1031	3/1
ODMA1041	O	04-071-037		3/2	P/0GRD0712 209	DMA1041	3/1
ODMA1051	O	04-070-037		3/2, 3/6	P/0GRD0702 209	DMA1051	3/1
ODMA1061	O	04-071-038		3/2	P/0GRD0712 209	DMA1061	3/1
ODMA1071	O	04-070-038		3/2, 3/6	P/0GRD0702 209	DMA1071	3/1
ODMA1081	O	04-071-039		3/2	P/0GRD0712 209	DMA1081	3/1
ODMA1091	O	04-070-039		3/2, 3/6	P/0GRD0702 209	DMA1091	3/1
ODMA1101	O	04-071-040		3/2	P/0GRD0712 209	DMA1101	3/1
ODMA1111	O	04-070-040		3/2, 3/6	P/0GRD0702 209	DMA1111	3/1
ODMA1121	O	04-071-041		3/2	P/0GRD0712 209	DMA1121	3/1
ODMA1131	O	04-070-041		3/2, 3/6	P/0GRD0702 209	DMA1131	3/1
ODMA1141	O	04-071-042		3/2	P/0GRD0712 209	DMA1141	3/1
ODMA1151	O	04-070-042		3/2, 3/6	P/0GRD0702 209	DMA1151	3/1
ODMA2001	O	04-079-035		3/3	P/0GRD0792 209	DMA2001	3/1
ODMA2011	O	04-078-035		3/3	P/0GRD0782 209	DMA2011	3/1

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
ODMA2021	O	04-079-036		3/3	P/0GRD0792 209	DMA2021	3/1
ODMA2031	O	04-078-036		3/3	P/0GRD0782 209	DMA2031	3/1
ODMA2041	O	04-079-037		3/3	P/0GRD0792 209	DMA2041	3/1
ODMA2051	O	04-078-037		3/3	P/0GRD0782 209	DMA2051	3/1
ODMA2061	O	04-079-038		3/3	P/0GRD0792 209	DMA2061	3/1
ODMA2071	O	04-078-038		3/3	P/0GRD0782 209	DMA2071	3/1
ODMA2081	O	04-079-039		3/3	P/0GRD0792 209	DMA2081	3/1
ODMA2091	O	04-078-039		3/3	P/0GRD0782 209	DMA2091	3/1
ODMA2101	O	04-079-040		3/3	P/0GRD0792 209	DMA2101	3/1
ODMA2111	O	04-078-040		3/3	P/0GRD0782 209	DMA2111	3/1
ODMA2121	O	04-079-041		3/3	P/0GRD0792 209	DMA2121	3/1
ODMA2131	O	04-078-041		3/3	P/0GRD0782 209	DMA2131	3/1
ODMA2141	O	04-079-042		3/3	P/0GRD0792 209	DMA2141	3/1
ODMA2151	O	04-078-042		3/3	P/0GRD0782 209	DMA2151	3/1
ODMA3001	O	04-081-035		3/4	P/0GRD0812 209	DMA3001	3/1
ODMA3011	O	04-080-035		3/4	P/0GRD0802 209	DMA3011	3/1
ODMA3021	O	04-081-036		3/4	P/0GRD0812 209	DMA3021	3/1
ODMA3031	O	04-080-036		3/4	P/0GRD0802 209	DMA3031	3/1
ODMA3041	O	04-081-037		3/4	P/0GRD0812 209	DMA3041	3/1
ODMA3051	O	04-080-037		3/4	P/0GRD0802 209	DMA3051	3/1
ODMA3061	O	04-081-038		3/4	P/0GRD0812 209	DMA3061	3/1
ODMA3071	O	04-080-038		3/4	P/0GRD0802 209	DMA3071	3/1
ODMA3081	O	04-081-039		3/4	P/0GRD0812 209	DMA3081	3/1
ODMA3091	O	04-080-039		3/4	P/0GRD0802 209	DMA3091	3/1
ODMA3101	O	04-081-040		3/4	P/0GRD0812 209	DMA3101	3/1
ODMA3111	O	04-080-040		3/4	P/0GRD0802 209	DMA3111	3/1
ODMA3121	O	04-081-041		3/4	P/0GRD0812 209	DMA3121	3/1
ODMA3131	O	04-080-041		3/4	P/0GRD0802 209	DMA3131	3/1
ODMA3141	O	04-081-042		3/4	P/0GRD0812 209	DMA3141	3/1
ODMA3151	O	04-080-042		3/4	P/0GRD0802 209	DMA3151	3/1
ODMA4001	O	04-083-035		3/6	P/0GRD0712 209	DMA4001	3/2
ODMA4011	O	04-082-035		3/6	P/0GRD0702 209	DMA4011	3/2
ODMA4021	O	04-083-036		3/6	P/0GRD0712 209	DMA4021	3/2
ODMA4031	O	04-082-036		3/6	P/0GRD0702 209	DMA4031	3/2
ODMA4041	O	04-083-037		3/6	P/0GRD0712 209	DMA4041	3/2
ODMA4051	O	04-082-037		3/6	P/0GRD0702 209	DMA4051	3/2

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
ODMA4061	O	04-083-038		3/6	P/0GRD0712	DMA4061	3/2
ODMA4071	O	04-082-038		3/6	P/0GRD0702	DMA4071	3/2
ODMA4081	O	04-083-039		3/6	P/0GRD0712	DMA4081	3/2
ODMA4091	O	04-082-039		3/6	P/0GRD0702	DMA4091	3/2
ODMA4101	O	04-083-040		3/6	P/0GRD0712	DMA4101	3/2
ODMA4111	O	04-082-040		3/6	P/0GRD0702	DMA4111	3/2
ODMA4121	O	04-083-041		3/6	P/0GRD0712	DMA4121	3/2
ODMA4131	O	04-082-041		3/6	P/0GRD0702	DMA4131	3/2
ODMA4141	O	04-083-042		3/6	P/0GRD0712	DMA4141	3/2
ODMA4151	O	04-082-042		3/6	P/0GRD0702	DMA4151	3/2
ODMA5001	O	04-085-035		3/6	P/0GRD0792	DMA5001	3/2
ODMA5011	O	04-084-035		3/6	P/0GRD0782	DMA5011	3/2
ODMA5021	O	04-085-036		3/6	P/0GRD0792	DMA5021	3/2
ODMA5031	O	04-084-036		3/6	P/0GRD0782	DMA5031	3/2
ODMA5041	O	04-085-037		3/6	P/0GRD0792	DMA5041	3/2
ODMA5051	O	04-084-037		3/6	P/0GRD0782	DMA5051	3/2
ODMA5061	O	04-085-038		3/6	P/0GRD0792	DMA5061	3/2
ODMA5071	O	04-084-038		3/6	P/0GRD0782	DMA5071	3/2
ODMA5081	O	04-085-039		3/6	P/0GRD0792	DMA5081	3/2
ODMA5091	O	04-084-039		3/6	P/0GRD0782	DMA5091	3/2
ODMA5101	O	04-085-040		3/6	P/0GRD0792	DMA5101	3/2
ODMA5111	O	04-084-040		3/6	P/0GRD0782	DMA5111	3/2
ODMA5121	O	04-085-041		3/6	P/0GRD0792	DMA5121	3/2
ODMA5131	O	04-084-041		3/6	P/0GRD0782	DMA5131	3/2
ODMA5141	O	04-085-042		3/6	P/0GRD0792	DMA5141	3/2
ODMA5151	O	04-084-042		3/6	P/0GRD0782	DMA5151	3/2
ER100	I	04-070-007		3/2	P/0GRD0700 209	ER100	3/1
ER110	I	04-070-008		3/2	P/0GRD0700 209	ER110	3/1
ER120	I	04-070-009		3/2	P/0GRD0700 209	ER120	3/1
ER130	I	04-070-010		3/2	P/0GRD0700 209	ER130	3/1
ER200	I	04-078-007		3/3	P/0GRD0780 209	ER200	3/1
ER210	I	04-078-008		3/3	P/0GRD0780 209	ER210	3/1
ER220	I	04-078-009		3/3	P/0GRD0780 209	ER220	3/1
ER230	I	04-078-010		3/3	P/0GRD0780 209	ER230	3/1
ER300	I	04-080-007		3/4	P/0GRD0800 209	ER300	3/1
ER310	I	04-080-008		3/4	P/0GRD0800 209	ER310	3/1
ER320	I	04-080-009		3/4	P/0GRD0800 209	ER320	3/1
ER330	I	04-080-010		3/4	P/0GRD0800 209	ER330	3/1
ER400	I	04-082-007		3/6	P/0GRD0700	ER400	3/2
ER410	I	04-082-008		3/6	P/0GRD0700	ER410	3/2
ER500	I	04-084-007		3/6	P/0GRD0780	ER500	3/2

PART OF FS 3
SYMBOL(S) 5

MESSAGE SWITCH CABINET		DWG SIZE C2	ISSUE 58
AT&T BELL LABORATORIES		SD-5D146-01	
PRINTED IN U. S. A.		B3CE	

02/12/85

PART OF FS 3 I/O INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 5 (CONT)
I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

SYMBOL NO. 5 (CONT)
I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG EOPT CODE ELEM OPT
MSCU-0 041-000 J5D006AB-1 A

DESIG EOPT CODE ELEM OPT
MSCU-0 041-000 J5D006AB-1 A

DESIG EOPT CODE ELEM OPT
MSCU-0 041-000 J5D006AB-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0ERS10	I	04-084-008		3/6	P/0GRD0780	ER510	3/2
0GRD0450	GRD	04-070-002	(X)	3/5	P/0GRD0700	GRD072	3/1
	GRD	04-070-011	(X)	3/5	P/0GRD0700	GRD072	3/1
	GRD	04-071-002	(X)	3/5	P/0GRD0710	GRD072	3/1
	GRD	04-071-011	(X)	3/5	P/0GRD0710	GRD072	3/1
	GRD	04-078-002	(X)	3/5	P/0GRD0780	GRD072	3/1
	GRD	04-078-011	(X)	3/5	P/0GRD0780	GRD072	3/1
	GRD	04-079-002	(X)	3/5	P/0GRD0790	GRD072	3/1
	GRD	04-079-011	(X)	3/5	P/0GRD0790	GRD072	3/1
	GRD	04-080-002	(X)	3/5	P/0GRD0800	GRD072	3/1
	GRD	04-080-011	(X)	3/5	P/0GRD0800	GRD072	3/1
	GRD	04-081-002	(X)	3/5	P/0GRD0810	GRD072	3/1
	GRD	04-081-011	(X)	3/5	P/0GRD0810	GRD072	3/1
	GRD	04-082-002		3/5	P/0GRD0700	GRD086	3/2
	GRD	04-082-011		3/5	P/0GRD0700	GRD086	3/2
	GRD	04-083-002		3/5	P/0GRD0710	GRD086	3/2
	GRD	04-084-002		3/5	P/0GRD0780	GRD086	3/2
	GRD	04-084-011		3/5	P/0GRD0780	GRD086	3/2
	GRD	04-085-002		3/5	P/0GRD0790	GRD086	3/2
	GRD	04-085-011		3/5	P/0GRD0790	GRD086	3/2
	GRD	04-085-011		3/5	P/0GRD0790	GRD086	3/2
	GRD	04-085-011		3/5	P/0GRD0790	GRD086	3/2
0 GRD0451	GRD	04-085-011		3/5	P/0GRD0790	GRD086	3/2
	GRD	04-083-011		(X) 3/1, (X) 3/5	P/0GRD0710	GRD086	3/2
	GRD	04-070-015	(X)	3/5	P/0GRD0701	GRD072	3/1
	GRD	04-070-024	(X)	3/5	P/0GRD0701	GRD072	3/1
	GRD	04-071-015	(X)	3/5	P/0GRD0711	GRD072	3/1
	GRD	04-071-024	(X)	3/5	P/0GRD0711	GRD072	3/1
	GRD	04-078-015	(X)	3/5	P/0GRD0781	GRD072	3/1
	GRD	04-078-024	(X)	3/5	P/0GRD0781	GRD072	3/1
	GRD	04-079-015	(X)	3/5	P/0GRD0791	GRD072	3/1
	GRD	04-079-024	(X)	3/5	P/0GRD0791	GRD072	3/1
	GRD	04-080-015	(X)	3/5	P/0GRD0801	GRD072	3/1
	GRD	04-080-024	(X)	3/5	P/0GRD0801	GRD072	3/1
	GRD	04-081-015	(X)	3/5	P/0GRD0811	GRD072	3/1
	GRD	04-081-024	(X)	3/5	P/0GRD0811	GRD072	3/1
	GRD	04-082-015		3/5	P/0GRD0701	GRD086	3/2
	GRD	04-082-024		3/5	P/0GRD0701	GRD086	3/2
	GRD	04-083-015		3/5	P/0GRD0711	GRD086	3/2
	GRD	04-084-015		3/5	P/0GRD0781	GRD086	3/2
	GRD	04-084-024		3/5	P/0GRD0781	GRD086	3/2
	GRD	04-085-015		3/5	P/0GRD0791	GRD086	3/2
	GRD	04-085-024		3/5	P/0GRD0791	GRD086	3/2
0GRD0452	GRD	04-083-024		(X) 3/1, (X) 3/5	P/0GRD0711	GRD086	3/2
	GRD	04-070-034	(X)	3/5	P/0GRD0702	GRD072	3/1
	GRD	04-070-043	(X)	3/5	P/0GRD0702	GRD072	3/1
	GRD	04-071-034	(X)	3/5	P/0GRD0712	GRD072	3/1
	GRD	04-071-043	(X)	3/5	P/0GRD0712	GRD072	3/1
	GRD	04-078-034	(X)	3/5	P/0GRD0782	GRD072	3/1
	GRD	04-078-043	(X)	3/5	P/0GRD0782	GRD072	3/1
	GRD	04-079-034	(X)	3/5	P/0GRD0792	GRD072	3/1
	GRD	04-079-043	(X)	3/5	P/0GRD0792	GRD072	3/1
	GRD	04-080-034	(X)	3/5	P/0GRD0792	GRD072	3/1
	GRD	04-080-043	(X)	3/5	P/0GRD0792	GRD072	3/1
	GRD	04-081-034	(X)	3/5	P/0GRD0792	GRD072	3/1
	GRD	04-081-043	(X)	3/5	P/0GRD0792	GRD072	3/1
	GRD	04-082-034		3/5	P/0GRD0702	GRD086	3/2
	GRD	04-082-043		3/5	P/0GRD0702	GRD086	3/2
	GRD	04-083-034		3/5	P/0GRD0712	GRD086	3/2
	GRD	04-084-034		3/5	P/0GRD0782	GRD086	3/2
	GRD	04-084-043		3/5	P/0GRD0782	GRD086	3/2

PART OF FS 3

I/O MICROPROCESSOR INTERFACE

SYMBOL NO. 5 (CONT)

I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSCU-0	041-000	J5D006AB-1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OSR320	I	04-081-023		3/4	P/0GRD0811 209	SR320	3/1
OSR330	I	04-080-023		3/4	P/0GRD0801 209	SR330	3/1
OSR400	I	04-083-022		3/6	P/0GRD0711	SR400	3/2
OSR410	I	04-082-022		3/6	P/0GRD0701	SR410	3/2
OSR500	I	04-085-022		3/6	P/0GRD0791	SR500	3/2
OSR510	I	04-084-022		3/6	P/0GRD0781	SR510	3/2

SYMBOL NO. 6

I/O MICROPROCESSOR INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU2-0	058-000	J5D006AF-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
SPARE410	I	04-032-020		4/6	P/0GRD0703	SPARE16	
SPARE411	I	04-033-021		4/6	P/0GRD0713	SPARE19	
SPARE412	I	04-030-003		4/6	P/0GRD0700	SPARE01	
SPARE413	I	04-030-004		4/6	P/0GRD0700	SPARE02	
SPARE414	I	04-030-005		4/6	P/0GRD0700	SPARE03	
SPARE415	I	04-031-007		4/6	P/0GRD0710	SPARE08	
SPARE416	I	04-031-008		4/6	P/0GRD0710	SPARE09	
SPARE417	I	04-031-009		4/6	P/0GRD0710	SPARE10	
SPARE418	I	04-031-010		4/6	P/0GRD0710	SPARE11	
SPARE420	I	04-030-009		3/5	P/0GRD0700	SPARE04	
	I	04-030-018		3/5	P/0GRD0701	SPARE12	
	I	04-031-005		3/5	P/0GRD0710	SPARE06	
	I	04-031-023		3/5	P/0GRD0711	SPARE15	
	I	04-033-023		3/5	P/0GRD0713	SPARE20	
	I	04-030-010		3/5	P/0GRD0700	SPARE05	
	I	04-030-019		3/5	P/0GRD0701	SPARE13	
	I	04-030-023		3/5	P/0GRD0701	SPARE14	
	I	04-031-006		3/5	P/0GRD0710	SPARE07	
SPARE432	I	04-032-023		3/5	P/0GRD0703	SPARE18	
SPARE519	I	04-032-021		4/6	P/0GRD0703	SPARE17	
	I	04-122-020		4/6	P/0GRD0783	SPARE36	
SPARE520	I	04-120-009		3/5	P/0GRD0780	SPARE24	
	I	04-120-018		3/5	P/0GRD0781	SPARE32	
	I	04-121-005		3/5	P/0GRD0790	SPARE26	
	I	04-121-023		3/5	P/0GRD0791	SPARE35	
	I	04-123-021		3/5	P/0GRD0793	SPARE39	
	I	04-123-023		3/5	P/0GRD0793	SPARE40	
SPARE521	I	04-120-003		4/6	P/0GRD0780	SPARE21	
SPARE522	I	04-120-004		4/6	P/0GRD0780	SPARE22	
SPARE523	I	04-120-005		4/6	P/0GRD0780	SPARE23	
SPARE524	I	04-121-007		4/6	P/0GRD0790	SPARE28	
SPARE525	I	04-121-008		4/6	P/0GRD0790	SPARE29	
SPARE526	I	04-121-009		4/6	P/0GRD0790	SPARE30	
SPARE527	I	04-121-010		4/6	P/0GRD0790	SPARE31	
SPARE530	I	04-120-010		3/5	P/0GRD0780	SPARE25	
	I	04-120-019		3/5	P/0GRD0781	SPARE33	
	I	04-120-023		3/5	P/0GRD0781	SPARE34	
	I	04-121-006		3/5	P/0GRD0790	SPARE27	
	I	04-122-023		3/5	P/0GRD0783	SPARE38	

SYMBOL NO. 6 (CONT)

I/O MICROPROCESSOR INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU2-0	058-000	J5D006AF-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
SPARE583	I	04-122-021		4/6	P/0GRD0783	SPARE37	
OCINT40	I	04-031-020		3/5	P/0GRD0711	ACMDINT0	1/1
OCINT50	I	04-121-020		3/5	P/0GRD0791	BCMDINT0	3/1
OCIRPC40	I	04-030-020		3/5	P/0GRD0701	ATNITPC0	1/1
OCIRPC50	I	04-120-020		3/5	P/0GRD0781	BITNITPC0	3/1
OCISA400	O	04-030-016		3/5	P/0GRD0701	AACSA0	1/1
OCISA410	O	04-030-017		3/5	P/0GRD0701	ABCSA0	1/5
OCISA500	O	04-120-016		3/5	P/0GRD0781	BACSA0	3/1
OCISA510	O	04-120-017		3/5	P/0GRD0781	BBCSA0	3/5
ODMAD401	IO	04-033-016		3/5	P/0GRD0713	ADMADA00	1/1
ODMAD411	IO	04-032-016		3/5	P/0GRD0703	ADMADA01	1/1
ODMAD421	IO	04-033-017		3/5	P/0GRD0713	ADMADA02	1/1
ODMAD431	IO	04-032-017		3/5	P/0GRD0703	ADMADA03	1/1
ODMAD441	IO	04-033-018		3/5	P/0GRD0713	ADMADA04	1/1
ODMAD451	IO	04-032-018		3/5	P/0GRD0703	ADMADA05	1/1
ODMAD461	IO	04-033-019		3/5	P/0GRD0713	ADMADA06	1/1
ODMAD471	IO	04-032-019		3/5	P/0GRD0703	ADMADA07	1/1
ODMAD481	IO	04-033-020		3/5	P/0GRD0713	ADMADA08	1/1
ODMAD501	IO	04-123-016		3/5	P/0GRD0793	BDMDA00	3/1
ODMAD511	IO	04-122-016		3/5	P/0GRD0783	BDMDA01	3/1
ODMAD521	IO	04-123-017		3/5	P/0GRD0793	BDMDA02	3/1
ODMAD531	IO	04-122-017		3/5	P/0GRD0783	BDMDA03	3/1
ODMAD541	IO	04-123-018		3/5	P/0GRD0793	BDMDA04	3/1
ODMAD551	IO	04-122-018		3/5	P/0GRD0783	BDMDA05	3/1
ODMAD561	IO	04-123-019		3/5	P/0GRD0793	BDMDA06	3/1
ODMAD571	IO	04-122-019		3/5	P/0GRD0783	BDMDA07	3/1
ODMAD581	IO	04-123-020		3/5	P/0GRD0793	BDMDA08	3/1
ODMA0C40	I	04-031-018		3/5	P/0GRD0711	ADMA0PC0	1/1
ODMA0C50	I	04-121-018		3/5	P/0GRD0791	BDMA0PC0	3/1
ODMA0C40	I	04-031-017		3/5	P/0GRD0711	ADMA0C0	1/1
ODMARD50	I	04-121-017		3/5	P/0GRD0791	BDMARD00	3/1
ODMARD40	I	04-031-019		3/5	P/0GRD0711	ADMARE00	1/1
ODMARD50	I	04-121-019		3/5	P/0GRD0791	BDMARE00	3/1
ODMAWR40	I	04-031-016		3/5	P/0GRD0711	ADMAWTO	1/1
ODMAWR50	I	04-121-016		3/5	P/0GRD0791	BDMAWTO	1/1
ODMA4001	I	04-033-003		3/5	P/0GRD0712	ADMAAD00	1/1
ODMA4011	I	04-032-003		3/5	P/0GRD0702	ADMAAD01	1/1
ODMA4021	I	04-033-004		3/5	P/0GRD0712	ADMAAD02	1/1
ODMA4031	I	04-032-004		3/5	P/0GRD0702	ADMAAD03	1/1
ODMA4041	I	04-033-005		3/5	P/0GRD0712	ADMAAD04	1/1
ODMA4051	I	04-032-005		3/5	P/0GRD0702	ADMAAD05	1/1
ODMA4061	I	04-033-006		3/5	P/0GRD0712	ADMAAD06	1/1
ODMA4071	I	04-032-006		3/5	P/0GRD0702	ADMAAD07	1/1
ODMA4081	I	04-033-007		3/5	P/0GRD0712	ADMAAD08	1/1
ODMA4091	I	04-032-007		3/5	P/0GRD0702	ADMAAD09	1/1
ODMA4101	I	04-033-008		3/5	P/0GRD0712	ADMAAD10	1/1
ODMA4111	I	04-032-008		3/5	P/0GRD0702	ADMAAD11	1/1
ODMA4121	I	04-033-009		3/5	P/0GRD0712	ADMAAD12	1/1
ODMA4131	I	04-032-009		3/5	P/0GRD0702	ADMAAD13	1/1
ODMA4141	I	04-033-010		3/5	P/0GRD0712	ADMAAD14	1/1
ODMA4151	I	04-032-010		3/5	P/0GRD0702	ADMAAD15	1/1
ODMA5001	I	04-123-003		3/5	P/0GRD0792	BDMAAD00	3/1
ODMA5011	I	04-122-003		3/5	P/0GRD0782	BDMAAD01	3/1
ODMA5021	I	04-123-004		3/5	P/0GRD0792	BDMAAD02	3/1
ODMA5031	I	04-122-004		3/5	P/0GRD0782	BDMAAD03	3/1
ODMA5041	I	04-123-005		3/5	P/0GRD0792	BDMAAD04	3/1
ODMA5051	I	04-122-005		3/5	P/0GRD0782	BDMAAD05	3/1
ODMA5061	I	04-123-006		3/5	P/0GRD0792	BDMAAD06	3/1
ODMA5071	I	04-122-006		3/5	P/0GRD0782	BDMAAD07	3/1
ODMA5081	I	04-123-007		3/5	P/0GRD0792	BDMAAD08	3/1

SYMBOL NO. 6 (CONT)

I/O MICROPROCESSOR INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU2-0	058-000	J5D006AF-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
ODMA5091	I	04-122-007		3/5	P/0GRD0782	BDMAAD09	3/1
ODMA5101	I	04-123-008		3/5	P/0GRD0792	BDMAAD10	3/1
ODMA5111	I	04-122-008		3/5	P/0GRD0782	BDMAAD11	3/1
ODMA5121	I	04-123-009		3/5	P/0GRD0792	BDMAAD12	3/1
ODMA5131	I	04-122-009		3/5	P/0GRD0782	BDMAAD13	3/1
ODMA5141	I	04-123-010		3/5	P/0GRD0792	BDMAAD14	3/1
ODMA5151	I	04-122-010		3/5	P/0GRD0782	BDMAAD15	3/1
OER400	O	04-030-007		3/5	P/0GRD0700	AAERRO	1/1
OER410	O	04-030-008		3/5	P/0GRD0700	ABERRO	1/5
OER500	O	04-120-007		3/5	P/0GRD0780	BAERRO	3/1
OER510	O	04-120-008		3/5	P/0GRD0780	BBERRO	3/5
GRD0280	GRD	04-120-000		3/3	P/0GRD0780	GRD04126	3/1
	GRD	04-120-011		3/3	P/0GRD0780	GRD04126	3/1
	GRD	04-121-000		3/3	P/0GRD0790	GRD04126	3/1
	GRD	04-121-011		3/3	P/0GRD0790	GRD04126	3/1
GRD0281	GRD	04-120-013		3/3	P/0GRD0781	GRD04126	3/1
	GRD	04-120-024		3/3	P/0GRD0781	GRD04126	3/1
	GRD	04-121-013		3/3	P/0GRD0791	GRD04126	3/1
GRD0282	GRD	04-121-024		3/3	P/0GRD0791	GRD04126	3/1
	GRD	04-122-000		3/3	P/0GRD0782	GRD04126	3/1
	GRD	04-122-011		3/3	P/0GRD0782	GRD04126	3/1
	GRD	04-121-000		3/3	P/0GRD0792	GRD04126	3/1
	GRD	04-123-011		3/3	P/0GRD0792	GRD04126	3/1
	GRD	04-122-013		3/3	P/0GRD0783	GRD04126	3/1
GRD0283	GRD	04-122-024		3/3	P/0GRD0783	GRD04126	3/1
	GRD	04-123-013		3/3	P/0GRD0793	GRD04126	3/1
	GRD	04-123-024		3/3	P/0GRD0793	GRD04126	3/1
	GRD	04-123-013		3/3	P/0GRD0793	GRD04126	3/1
GRD0530	GRD	04-030-000		3/2	P/0GRD0700	GRD04036	
	GRD	04-030-011		3/2	P/0GRD0700	GRD04036	
	GRD	04-031-000		3/2	P/0GRD0710	GRD04036	
GRD0531	GRD	04-031-011		3/2	P/0GRD0710	GRD04036	
	GRD	04-030-013		3/2	P/0GRD0701	GRD04036	
	GRD	04-030-024		3/2	P/0GRD0701	GRD04036	
	GRD	04-031-013		3/2	P/0GRD0711	GRD04036	
	GRD	04-031-024		3/2	P/0GRD0711	GRD04036	
	GRD	04-032-000		3/2	P/0GRD0702	GRD04036	
GRD0532	GRD	04-032-011		3/2	P/0GRD0702	GRD04036	
	GRD	04-033-000		3/2	P/0GRD0712	GRD04036	
	GRD	04-033-011		3/2	P/0GRD0712	GRD04036	
GRD0533	GRD	04-032-013		3/2	P/0GRD0703	GRD04036	
	GRD	04-032-024		3/2	P/0GRD0703	GRD04036	
	GRD	04-033-013		3/2	P/0GRD0713	GRD04036	</

PART OF FS 3

I/O MICROPROCESSOR INTERFACE

SYMBOL NO. 5 (CONT)

I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSCU-0	041-000	J5D006AB-1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OSR320	I	04-081-023		3/4	P/0GRD0811 209	SR320	3/1
OSR330	I	04-080-023		3/4	P/0GRD0801 209	SR330	3/1
OSR400	I	04-083-022		3/6	P/0GRD0711	SR400	3/2
OSR410	I	04-082-022		3/6	P/0GRD0701	SR410	3/2
OSR500	I	04-085-022		3/6	P/0GRD0791	SR500	3/2
OSR510	I	04-084-022		3/6	P/0GRD0781	SR510	3/2

SYMBOL NO. 6

I/O MICROPROCESSOR INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU2-0	058-000	J5D006AF-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
SPARE410	I	04-032-020		4/6	P/0GRD0703	SPARE16	
SPARE411	I	04-033-021		4/6	P/0GRD0713	SPARE19	
SPARE412	I	04-030-003		4/6	P/0GRD0700	SPARE01	
SPARE413	I	04-030-004		4/6	P/0GRD0700	SPARE02	
SPARE414	I	04-030-005		4/6	P/0GRD0700	SPARE03	
SPARE415	I	04-031-007		4/6	P/0GRD0710	SPARE08	
SPARE416	I	04-031-008		4/6	P/0GRD0710	SPARE09	
SPARE417	I	04-031-009		4/6	P/0GRD0710	SPARE10	
SPARE418	I	04-031-010		4/6	P/0GRD0710	SPARE11	
SPARE420	I	04-030-009		3/5	P/0GRD0700	SPARE04	
	I	04-030-018		3/5	P/0GRD0701	SPARE12	
	I	04-031-005		3/5	P/0GRD0710	SPARE06	
	I	04-031-023		3/5	P/0GRD0711	SPARE15	
	I	04-033-023		3/5	P/0GRD0713	SPARE20	
SPARE430	I	04-030-010		3/5	P/0GRD0700	SPARE05	
	I	04-030-019		3/5	P/0GRD0701	SPARE13	
	I	04-030-023		3/5	P/0GRD0701	SPARE14	
	I	04-031-006		3/5	P/0GRD0710	SPARE07	
SPARE432	I	04-032-023		3/5	P/0GRD0703	SPARE18	
SPARE519	I	04-032-021		4/6	P/0GRD0703	SPARE17	
	I	04-122-020		4/6	P/0GRD0783	SPARE36	
SPARE520	I	04-120-009		3/5	P/0GRD0780	SPARE24	
	I	04-120-018		3/5	P/0GRD0781	SPARE32	
	I	04-121-005		3/5	P/0GRD0790	SPARE26	
	I	04-121-023		3/5	P/0GRD0791	SPARE35	
	I	04-123-021		3/5	P/0GRD0793	SPARE39	
	I	04-123-023		3/5	P/0GRD0793	SPARE40	
SPARE521	I	04-120-003		4/6	P/0GRD0780	SPARE21	
SPARE522	I	04-120-004		4/6	P/0GRD0780	SPARE22	
SPARE523	I	04-120-005		4/6	P/0GRD0780	SPARE23	
SPARE524	I	04-121-007		4/6	P/0GRD0790	SPARE28	
SPARE525	I	04-121-008		4/6	P/0GRD0790	SPARE29	
SPARE526	I	04-121-009		4/6	P/0GRD0790	SPARE30	
SPARE527	I	04-121-010		4/6	P/0GRD0790	SPARE31	
SPARE530	I	04-120-010		3/5	P/0GRD0780	SPARE25	
	I	04-120-019		3/5	P/0GRD0781	SPARE33	
	I	04-120-023		3/5	P/0GRD0781	SPARE34	
	I	04-121-006		3/5	P/0GRD0790	SPARE27	
	I	04-122-023		3/5	P/0GRD0783	SPARE38	

SYMBOL NO. 6 (CONT)

I/O MICROPROCESSOR INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU2-0	058-000	J5D006AF-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
SPARE583	I	04-122-021		4/6	P/0GRD0783	SPARE37	
OCINT40	I	04-031-020		3/5	P/0GRD0711	ACMDINT0	1/1
OCINT50	I	04-121-020		3/5	P/0GRD0791	BCMDINT0	3/1
OCIRPC40	I	04-030-020		3/5	P/0GRD0701	ATNITPC0	1/1
OCIRPC50	I	04-120-020		3/5	P/0GRD0781	BITNITPC0	3/1
OCISA400	O	04-030-016		3/5	P/0GRD0701	AACSA0	1/1
OCISA410	O	04-030-017		3/5	P/0GRD0701	ABCSA0	1/5
OCISA500	O	04-120-016		3/5	P/0GRD0781	BACSA0	3/1
OCISA510	O	04-120-017		3/5	P/0GRD0781	BBCSA0	3/5
ODMAD401	IO	04-033-016		3/5	P/0GRD0713	ADMADA00	1/1
ODMAD411	IO	04-032-016		3/5	P/0GRD0703	ADMADA01	1/1
ODMAD421	IO	04-033-017		3/5	P/0GRD0713	ADMADA02	1/1
ODMAD431	IO	04-032-017		3/5	P/0GRD0703	ADMADA03	1/1
ODMAD441	IO	04-033-018		3/5	P/0GRD0713	ADMADA04	1/1
ODMAD451	IO	04-032-018		3/5	P/0GRD0703	ADMADA05	1/1
ODMAD461	IO	04-033-019		3/5	P/0GRD0713	ADMADA06	1/1
ODMAD471	IO	04-032-019		3/5	P/0GRD0703	ADMADA07	1/1
ODMAD481	IO	04-033-020		3/5	P/0GRD0713	ADMADA08	1/1
ODMAD501	IO	04-123-016		3/5	P/0GRD0793	BDMAA00	3/1
ODMAD511	IO	04-122-016		3/5	P/0GRD0783	BDMAA01	3/1
ODMAD521	IO	04-123-017		3/5	P/0GRD0793	BDMAA02	3/1
ODMAD531	IO	04-122-017		3/5	P/0GRD0783	BDMAA03	3/1
ODMAD541	IO	04-123-018		3/5	P/0GRD0793	BDMAA04	3/1
ODMAD551	IO	04-122-018		3/5	P/0GRD0783	BDMAA05	3/1
ODMAD561	IO	04-123-019		3/5	P/0GRD0793	BDMAA06	3/1
ODMAD571	IO	04-122-019		3/5	P/0GRD0783	BDMAA07	3/1
ODMAD581	IO	04-123-020		3/5	P/0GRD0793	BDMAA08	3/1
ODMA0C40	I	04-031-018		3/5	P/0GRD0711	ADMA0PC0	1/1
ODMA0C50	I	04-121-018		3/5	P/0GRD0791	BDMAOPC0	3/1
ODMA0C40	I	04-031-017		3/5	P/0GRD0711	ADMA0P00	1/1
ODMARD50	I	04-121-017		3/5	P/0GRD0791	BDMARD00	3/1
ODMARD40	I	04-031-019		3/5	P/0GRD0711	ADMARED0	1/1
ODMARD30	I	04-121-019		3/5	P/0GRD0791	BDMARE00	3/1
ODMAWR40	I	04-031-016		3/5	P/0GRD0711	ADMAWTO	1/1
ODMAWR50	I	04-121-016		3/5	P/0GRD0791	BDMAWTO	1/1
ODMA4001	I	04-033-003		3/5	P/0GRD0712	ADMAAD00	1/1
ODMA4011	I	04-032-003		3/5	P/0GRD0702	ADMAAD01	1/1
ODMA4021	I	04-033-004		3/5	P/0GRD0712	ADMAAD02	1/1
ODMA4031	I	04-032-004		3/5	P/0GRD0702	ADMAAD03	1/1
ODMA4041	I	04-033-005		3/5	P/0GRD0712	ADMAAD04	1/1
ODMA4051	I	04-032-005		3/5	P/0GRD0702	ADMAAD05	1/1
ODMA4061	I	04-033-006		3/5	P/0GRD0712	ADMAAD06	1/1
ODMA4071	I	04-032-006		3/5	P/0GRD0702	ADMAAD07	1/1
ODMA4081	I	04-033-007		3/5	P/0GRD0712	ADMAAD08	1/1
ODMA4091	I	04-032-007		3/5	P/0GRD0702	ADMAAD09	1/1
ODMA4101	I	04-033-008		3/5	P/0GRD0712	ADMAAD10	1/1
ODMA4111	I	04-032-008		3/5	P/0GRD0702	ADMAAD11	1/1
ODMA4121	I	04-033-009		3/5	P/0GRD0712	ADMAAD12	1/1
ODMA4131	I	04-032-009		3/5	P/0GRD0702	ADMAAD13	1/1
ODMA4141	I	04-033-010		3/5	P/0GRD0712	ADMAAD14	1/1
ODMA4151	I	04-032-010		3/5	P/0GRD0702	ADMAAD15	1/1
ODMA5001	I	04-123-003		3/5	P/0GRD0792	BDMAAD00	3/1
ODMA5011	I	04-122-003		3/5	P/0GRD0782	BDMAAD01	3/1
ODMA5021	I	04-123-004		3/5	P/0GRD0792	BDMAAD02	3/1
ODMA5031	I	04-122-004		3/5	P/0GRD0782	BDMAAD03	3/1
ODMA5041	I	04-123-005		3/5	P/0GRD0792	BDMAAD04	3/1
ODMA5051	I	04-122-005		3/5	P/0GRD0782	BDMAAD05	3/1
ODMA5061	I	04-123-006		3/5	P/0GRD0792	BDMAAD06	3/1
ODMA5071	I	04-122-006		3/5	P/0GRD0782	BDMAAD07	3/1
ODMA5081	I	04-123-007		3/5	P/0GRD0792	BDMAAD08	3/1

SYMBOL NO. 6 (CONT)

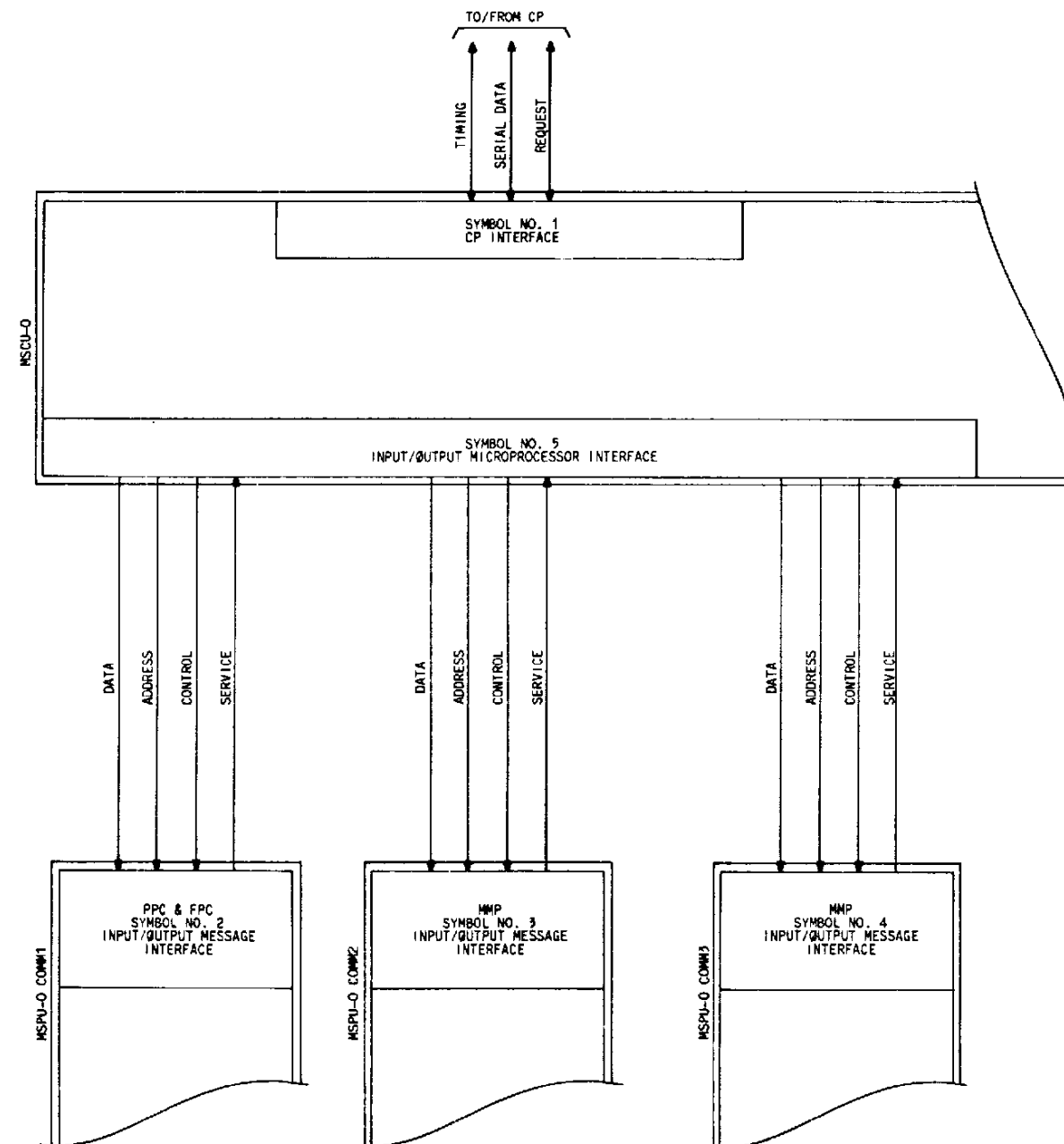
I/O MICROPROCESSOR INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU2-0	058-000	J5D006AF-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
ODMA5091	I	04-122-007		3/5	P/0GRD0782	BDMAAD09	3/1
ODMA5101	I	04-123-008		3/5	P/0GRD0792	BDMAAD10	3/1
ODMA5111	I	04-122-008		3/5	P/0GRD0782	BDMAAD11	3/1
ODMA5121	I	04-123-009		3/5	P/0GRD0792	BDMAAD12	3/1
ODMA5131	I	04-122-009		3/5	P/0GRD0782	BDMAAD13	3/1
ODMA5141	I	04-123-010		3/5	P/0GRD0792	BDMAAD14	3/1
ODMA5151	I	04-122-010		3/5	P/0GRD0782	BDMAAD15	3/1
OER400	O	04-030-007		3/5	P/0GRD0700	AAERRO	1/1
OER410	O	04-030-008		3/5	P/0GRD0700	ABERRO	1/5
OER500	O	04-120-007		3/5	P/0GRD0780	BAERRO	3/1
OER510	O	04-120-008		3/5	P/0GRD0780	BBERRO	3/5
GRD0280	GRD	04-120-000		3/3	P/0GRD0780	GRD04126	3/1
	GRD	04-120-011		3/3	P/0GRD0780	GRD04126	3/1
	GRD	04-121-000		3/3	P/0GRD0790	GRD04126	3/1
	GRD	04-121-011		3/3	P/0GRD0790	GRD04126	3/1
GRD0281	GRD	04-120-013		3/3	P/0GRD0781	GRD04126	3/1
	GRD	04-120-024		3/3	P/0GRD0781	GRD04126	3/1
	GRD	04-121-013		3/3	P/0GRD0791	GRD04126	3/1
GRD0282	GRD	04-121-024		3/3	P/0GRD0791	GRD04126	3/1
	GRD	04-122-000		3/3	P/0GRD0782	GRD04126	3/1
	GRD	04-122-011		3/3	P/0GRD0782	GRD04126	3/1
	GRD	04-121-000		3/3	P/0GRD0792	GRD04126	3/1
	GRD	04-123-011		3/3	P/0GRD0792	GRD04126	3/1
	GRD	04-122-013		3/3	P/0GRD0783	GRD04126	3/1
GRD0283	GRD	04-122-024		3/3	P/0GRD0783	GRD04126	3/1
	GRD	04-123-013		3/3	P/0GRD0793	GRD04126	3/1
	GRD	04-123-024		3/3	P/0GRD0793	GRD04126	3/1
GRD0530	GRD	04-030-000		3/2	P/0GRD0700	GRD04036	
	GRD	04-030-011		3/2	P/0GRD0700	GRD04036	
	GRD	04-031-000		3/2	P/0GRD0710	GRD04036	
GRD0531	GRD	04-031-011		3/2	P/0GRD0710	GRD04036	
	GRD	04-030-013		3/2	P/0GRD0701	GRD04036	
	GRD	04-030-024		3/2	P/0GRD0701	GRD04036	
	GRD	04-031-013		3/2	P/0GRD0711	GRD04036	
	GRD	04-031-024		3/2	P/0GRD0711	GRD04036	
GRD0532	GRD	04-032-000		3/2	P/0GRD0702	GRD04036	
	GRD	04-032-011		3/2	P/0GRD0702	GRD04036	
	GRD	04-033-000		3/2	P/0GRD0712	GRD04036	
	GRD	04-033-011		3/2	P/0GRD0712	GRD04036	
GRD0533	GRD	04-032-013		3/2	P/0GRD0703	GRD04036	
	GRD	04-032-024		3/2	P/0GRD0703	GRD04036	
	GRD	04-033-013		3/2	P/0GRD0713	GRD04036	
01INT400	O	04-033-024		3/5	P/0GRD0713	GRD040	

PART OF FS 3

0 INPUT/OUTPUT MICROPROCESSOR INTERFACE
COMPOSITE DIAGRAM 1



NOTES:

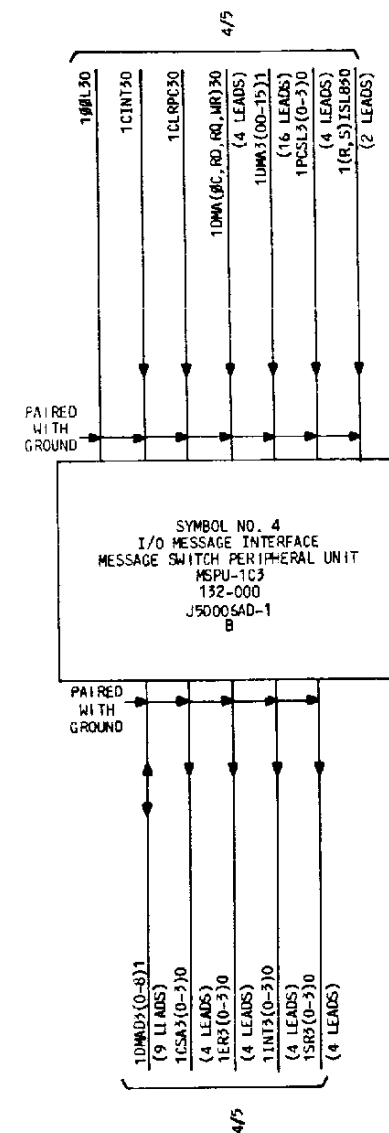
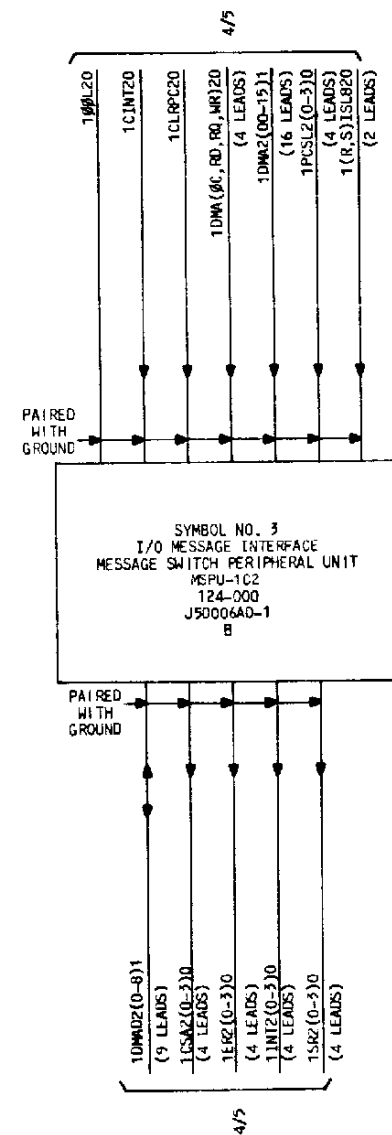
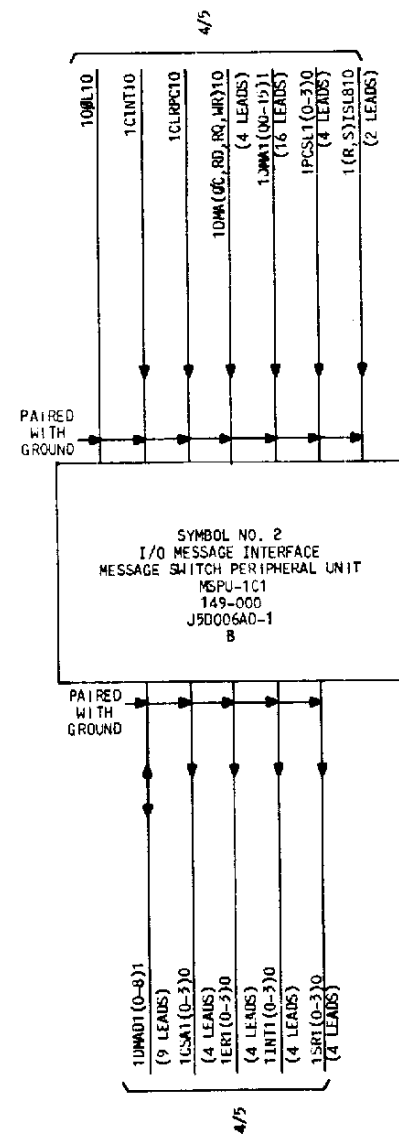
THE INPUT/OUTPUT MICROPROCESSOR INTERFACE (IOMI) FUNCTION PROVIDES THE MESSAGE SWITCH CABINET WITH A MEANS OF ROUTING CONTROL MESSAGES BETWEEN THE CENTRAL PROCESSOR (CP) AND THE INTERFACE MODULE (IM) OR BETWEEN IMS. THE INTELLIGENCE FOR THE IOMI IS PROVIDED BY A 16-BIT PROCESSOR LOCATED IN THE MESSAGE SWITCH CONTROL UNIT (MSCU). FOR GREATER MESSAGE SWITCH RELIABILITY THE CABINET PROVIDES A DUPLICATED IOMI FUNCTION WITH CROSS COUPLING BETWEEN THE CP AND MSCU (NOT SHOWN).

CONTROL MESSAGES ORIGINATING FROM IMS ARE PLACED IN A DUAL ACCESS MEMORY LOCATED ON THE MODULE MESSAGE PROCESSORS (MMPs). A SERVICE REQUEST FLAG IS RAISED FOR THE MSCU TO READ THE DUAL ACCESS MEMORY. THE MSCU RETRIEVES THE MESSAGE FROM THE MMP AND DETERMINES ITS DESTINATION. IF THE CP IS THE DESTINATION THE MSCU PROCESSOR WILL REQUEST A CP MEMORY TRANSFER AND SERIALY TRANSMIT THE MESSAGE. IF THE IM IS THE DESTINATION OF THE MESSAGE THE MSCU PROCESSOR WILL WRITE THE APPROPRIATE MMP DUAL ACCESS MEMORY.

THE PUMP PERIPHERAL CONTROLLER (PPC) AND THE FOUNDATION PERIPHERAL CONTROLLER (FPC) IN THE MSPU COMMUNITY 1 ARE ALSO PART OF THE IOMI FUNCTION HOWEVER, NO CONTROL MESSAGES ARE ROUTED TO THEM. ALL MESSAGES TO THE PPC ARE USED SPECIFICALLY FOR PUMPING-UP THE IM MEMORY DURING OFFICE BRING-UP. ALL MESSAGES TO/FROM THE FPC ARE USED FOR CONTROL AND DIAGNOSTIC ACCESS OF THE MESSAGE SWITCH AND CLOCK UNIT (MI/CU) AND TIME MULTIPLEX SWITCH (TMS).

MESSAGE SWITCH CABINET		
DWG SIZE	ISSUE	
88	2A	
AT&T BELL LABORATORIES	SD-50146-01	SHEET B3GA

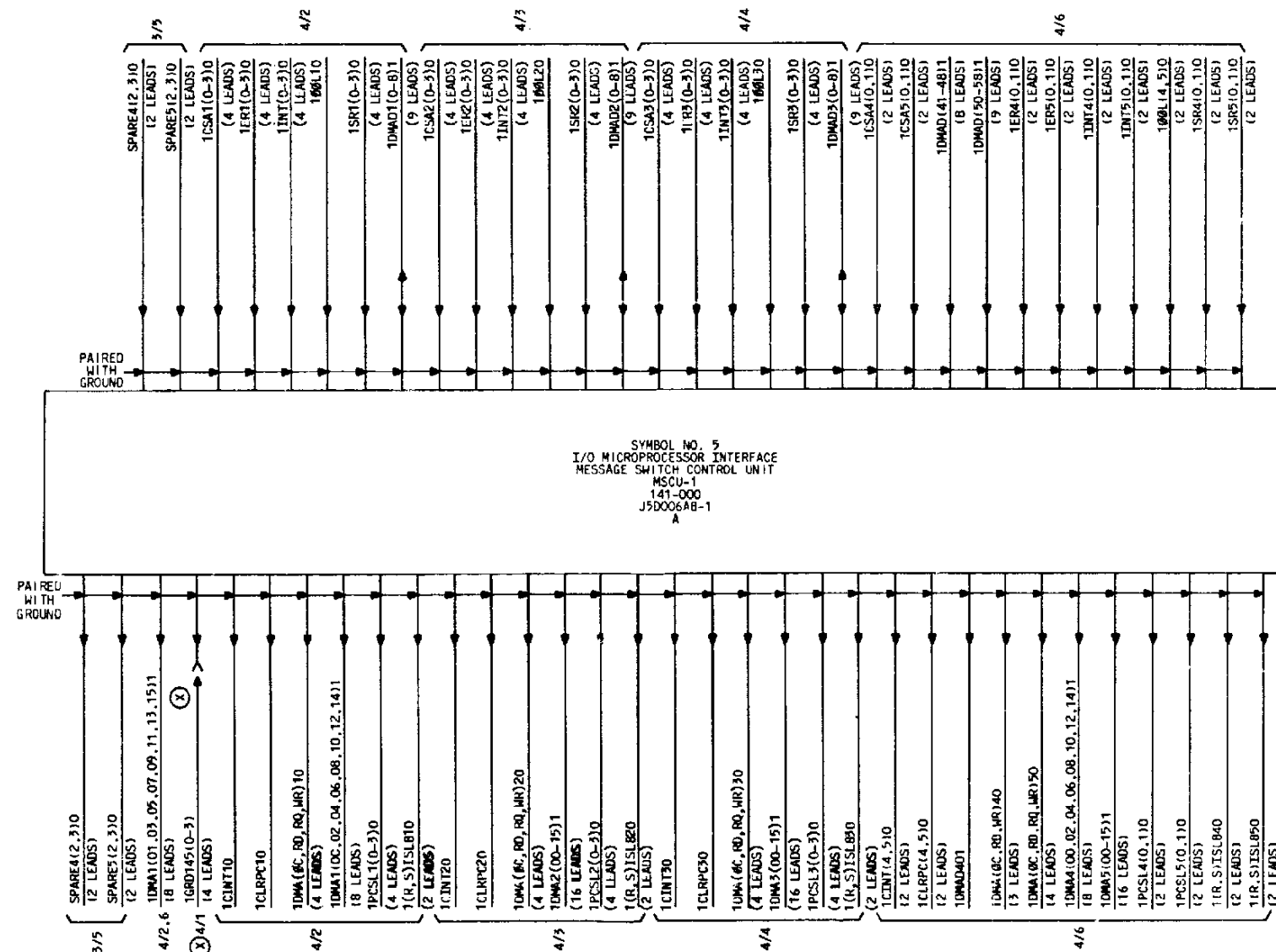
1 INPUT/OUTPUT MICROPROCESSOR INTERFACE
(P/O INTERCONNECTION & FLOW DIAGRAM)



B4AA

PART OF FS 4

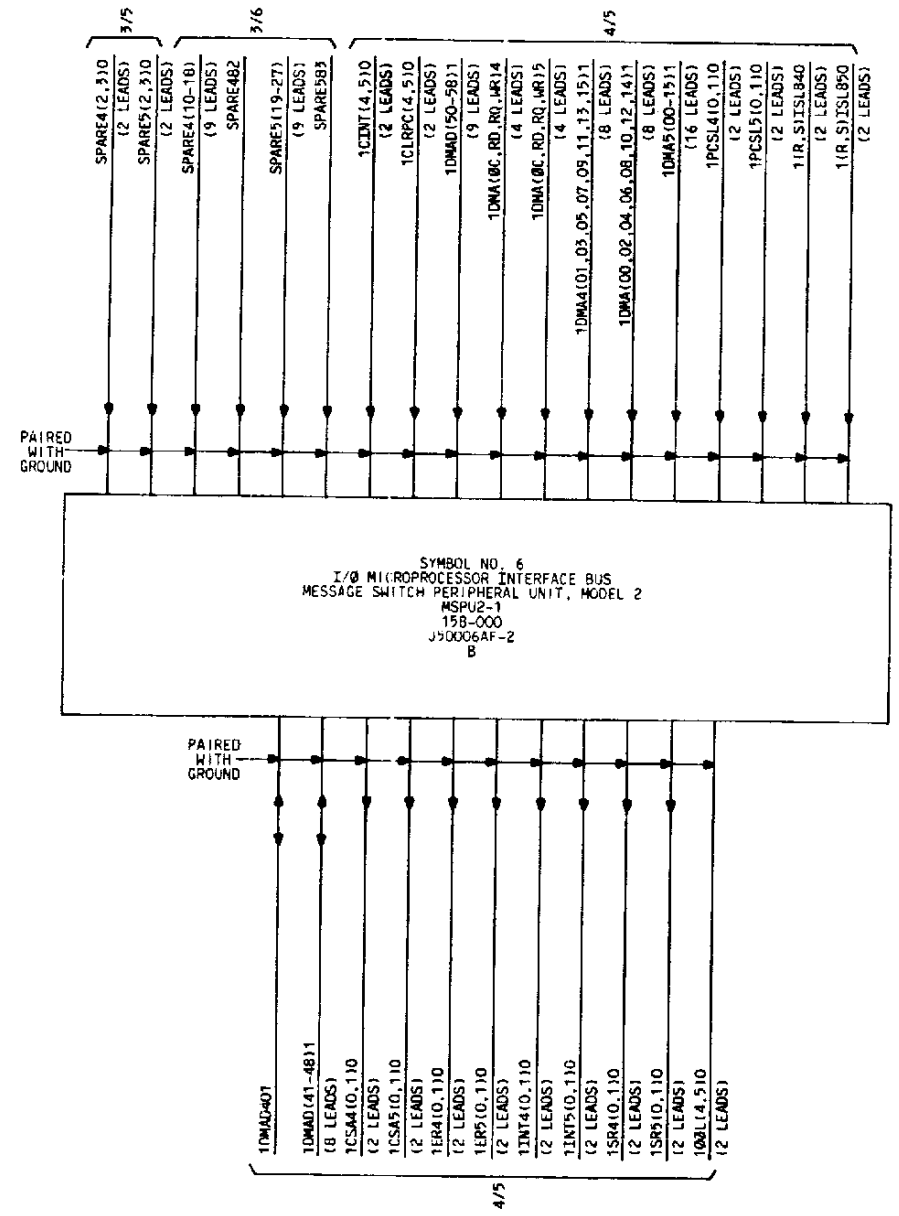
1 INPUT/OUTPUT MICROPROCESSOR INTERFACE
(P/O INTERCONNECTON & FLOW DIAGRAM)



MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		68	58
AT&T BELL LABORATORIES	SD-5DI46-01	B4AB	

PART OF FS 4

1 INPUT/OUTPUT MICROPROCESSOR INTERFACE
(P/O INTERCONNECTION AND FLOW DIAGRAM)



MESSAGE SWITCH CABINET		DWG SIZE 88	ISSUE 5B
AT&T BELL LABORATORIES		30-50146-01	
		SHEET B4AC	

PART OF FS 4

1 INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 1

I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSCU-1	141-000	J50006AB-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1CLK00N	O	04-176-007		TO 3B DMA 0	P/1CLK00P	CLK00N	1/1
1CLK00P	O	04-176-106		TO 3B DMA 0	P/1CLK00N	CLK00P	1/1
1CLK10N	O	04-176-207		TO 3B DMA 1	P/1CLK10P	CLK10N	1/1
1CLK10P	O	04-176-306		TO 3B DMA 1	P/1CLK10N	CLK10P	1/1
1DAH0BN	IO	04-176-010		TO 3B DMA 0	P/1DAH0BP	DAH0BN	1/1
1DAH0BP	IO	04-176-109		TO 3B DMA 0	P/1DAH0BN	DAH0BP	1/1
1DAH1BN	IO	04-176-210		TO 3B DMA 1	P/1DAH1BP	DAH1BN	1/1
1DAH1BP	IO	04-176-309		TO 3B DMA 1	P/1DAH1BN	DAH1BP	1/1
1DAL0BN	IO	04-176-009		TO 3B DMA 0	P/1DAL0BP	DAL0BN	1/1
1DAL0BP	IO	04-176-108		TO 3B DMA 0	P/1DAL0BN	DAL0BP	1/1
1DAL1BN	IO	04-176-209		TO 3B DMA 1	P/1DAL1BP	DAL1BN	1/1
1DAL1BP	IO	04-176-308		TO 3B DMA 1	P/1DAL1BN	DAL1BP	1/1
1GRD1450	GRD	04-176-006	(X)	(X) 4/5 TO 3B DMA 0		GRD176	1/1
1GRD1451	GRD	04-176-111	(X)	(X) 4/5 TO 3B DMA 0		GRD176	1/1
1GRD1452	GRD	04-176-206	(X)	(X) 4/5 TO 3B DMA 1		GRD176	1/1
1GRD1453	GRD	04-176-311	(X)	(X) 4/5 TO 3B DMA 1		GRD176	1/1
1REQ0BN	IO	04-176-011		TO 3B DMA 0	P/1REQ0BP	REQ0BN	1/1
1REQ0BP	IO	04-176-110		TO 3B DMA 0	P/1REQ0BN	REQ0BP	1/1
1REQ1BN	IO	04-176-211		TO 3B DMA 1	P/1REQ1BP	REQ1BN	1/1
1REQ1BP	IO	04-176-310		TO 3B DMA 1	P/1REQ1BN	REQ1BP	1/1
1XCLK01N	IO	04-176-008		TO 3B DMA 0	P/1XCLK01P	XCLK01N	1/1
1XCLK01P	IO	04-176-107		TO 3B DMA 0	P/1XCLK01N	XCLK01P	1/1
1XCLK11N	IO	04-176-208		TO 3B DMA 1	P/1XCLK11P	XCLK11N	1/1
1XCLK11P	IO	04-176-307		TO 3B DMA 1	P/1XCLK11N	XCLK11P	1/1

SYMBOL NO. 2

I/O MESSAGE INTERFACE
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU-1C1	149-000	J50006AD-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1CINT10	I	04-063-020		4/5	P/1GRD0711	CMDINT0	1/1
1CLRPC10	I	04-062-020		4/5	P/1GRD0701	INITPC0	1/1
1CSA100	O	04-062-016		4/5	P/1GRD0701	ACSA0	1/1
1CSA110	O	04-062-017		4/5	P/1GRD0701	BCSA0	1/5
1CSA120	O	04-062-018		4/5	P/1GRD0701	CCSA0	1/9
1CSA130	O	04-062-019		4/5	P/1GRD0701	DCSA0	1/13
1DMAD101	IO	04-071-016		4/5	P/1GRD0713	DMADA001	1/1
1DMAD111	IO	04-070-016		4/5	P/1GRD0703	DMADA011	1/1
1DMAD121	IO	04-071-017		4/5	P/1GRD0713	DMADA021	1/1
1DMAD131	IO	04-070-017		4/5	P/1GRD0703	DMADA031	1/1
1DMAD141	IO	04-071-018		4/5	P/1GRD0713	DMADA041	1/1
1DMAD151	IO	04-070-018		4/5	P/1GRD0703	DMADA051	1/1
1DMAD161	IO	04-071-019		4/5	P/1GRD0713	DMADA061	1/1
1DMAD171	IO	04-070-019		4/5	P/1GRD0703	DMADA071	1/1
1DMAD181	IO	04-071-020		4/5	P/1GRD0713	DMADA081	1/1
1DMA0C10	I	04-063-018		4/5	P/1GRD0711	DMA0PC0	1/1
1DMA0D10	I	04-063-017		4/5	P/1GRD0711	DMA0DD0	1/1
1DMA0R10	I	04-063-019		4/5	P/1GRD0711	DMA0RD0	1/1

SYMBOL NO. 2 (CONT)

I/O MESSAGE INTERFACE
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU-1C1	149-000	J50006AD-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1DMAWR10	I	04-063-016		4/5	P/1GRD0711	DMAWTO	1/1
1DMA1001	I	04-071-003		4/5	P/1GRD0712	DMAAD001	1/1
1DMA1011	I	04-070-003		4/5	P/1GRD0702	DMAAD011	1/1
1DMA1021	I	04-071-004		4/5	P/1GRD0712	DMAAD021	1/1
1DMA1031	I	04-070-004		4/5	P/1GRD0702	DMAAD031	1/1
1DMA1041	I	04-071-005		4/5	P/1GRD0712	DMAAD041	1/1
1DMA1051	I	04-070-005		4/5	P/1GRD0702	DMAAD051	1/1
1DMA1061	I	04-071-006		4/5	P/1GRD0712	DMAAD061	1/1
1DMA1071	I	04-070-006		4/5	P/1GRD0702	DMAAD071	1/1
1DMA1081	I	04-071-007		4/5	P/1GRD0712	DMAAD081	1/1
1DMA1091	I	04-070-007		4/5	P/1GRD0702	DMAAD091	1/1
1DMA1101	I	04-071-008		4/5	P/1GRD0712	DMAAD101	1/1
1DMA1111	I	04-070-008		4/5	P/1GRD0702	DMAAD111	1/1
1DMA1121	I	04-071-009		4/5	P/1GRD0712	DMAAD121	1/1
1DMA1131	I	04-070-009		4/5	P/1GRD0702	DMAAD131	1/1
1DMA1141	I	04-071-010		4/5	P/1GRD0712	DMAAD141	1/1
1DMA1151	I	04-070-010		4/5	P/1GRD0702	DMAAD151	1/1
1ERR100	O	04-062-007		4/5	P/1GRD0700	AERR0	1/1
1ERR110	O	04-062-008		4/5	P/1GRD0700	BERR0	1/5
1ERR120	O	04-062-009		4/5	P/1GRD0700	CERR0	1/9
1ERR130	O	04-062-010		4/5	P/1GRD0700	DERR0	1/13
1GRD1530	GRD	04-062-000		4/5	P/1GRD0700	GRD04064	1/1
	GRD	04-062-011		4/5	P/1GRD0700	GRD04064	1/1
	GRD	04-063-000		4/5	P/1GRD0710	GRD04064	1/1
1GRD1531	GRD	04-063-011		4/5	P/1GRD0710	GRD04064	1/1
	GRD	04-062-013		4/5	P/1GRD0701	GRD04064	1/1
	GRD	04-062-024		4/5	P/1GRD0701	GRD04064	1/1
1GRD1532	GRD	04-063-013		4/5	P/1GRD0711	GRD04080	1/1
	GRD	04-063-024		4/5	P/1GRD0711	GRD04080	1/1
	GRD	04-070-000		4/5	P/1GRD0702	GRD04080	1/5
1GRD1533	GRD	04-070-011		4/5	P/1GRD0702	GRD04080	1/5
	GRD	04-071-000		4/5	P/1GRD0712	GRD04080	1/5
	GRD	04-071-011		4/5	P/1GRD0712	GRD04080	1/5
1INT100	O	04-071-024		4/5	P/1GRD0713	GRD04080	1/5
1INT110	O	04-071-022		4/5	P/1GRD0713	GRD04080	1/5
1INT120	O	04-071-023		4/5	P/1GRD0713	GRD04080	1/5
1INT130	O	04-070-023		4/5	P/1GRD0703	GRD04080	1/5
1OOL10	PWR	04-062-006		4/5	P/1GRD0700	GRD04080	1/5
1PESL100	I	04-063-003		4/5	P/1GRD0710	GRD04080	1/5
1PESL110	I	04-063-004		4/5	P/1GRD0710	GRD04080	1/5
1PESL120	I	04-063-005		4/5	P/1GRD0710	GRD04080	1/5
1PESL130	I	04-063-006		4/5	P/1GRD0710	GRD04080	1/5
1RISL810	I	04-063-021		4/5	P/1GRD0711	GRD04080	1/5
1SISL810	I	04-062-021		4/5	P/1GRD0701	GRD04080	1/5
1SR100	O	04-063-022		4/5	P/1GRD0711	GRD04080	1/5
1SR110	O	04-062-022		4/5	P/1GRD0701	GRD04080	1/5
1SR120	O	04-063-023		4/5	P/1GRD0711	GRD04080	1/5
1SR130	O	04-062-023		4/5	P/1GRD0701	GRD04080	1/5

SYMBOL NO. 3

I/O MESSAGE INTERFACE
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU-1C2	124-000	J50006AD-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1CINT20	I	04-063-020		4/5	P/1GRD0791	CMDINT0	1/1
1CLRPC20	I	04-062-020		4/5	P/1GRD0781	INITPC0	1/1
1CSA200	O	04-062-016		4/5	P/1GRD0781	ACSA0	1/1
1CSA210	O	04-062-017		4/5	P/1GRD0781	BCSA0	1/5
1CSA220	O	04-062-018		4/5	P/1GRD0781	CCSA0	1/9
1CSA230	O	04-062-019		4/5	P/1GRD0781	DCSA0	1/13
1DMAD201	IO	04-071-016		4/5	P/1GRD0793	DMADA001	1/1
1DMAD211	IO	04-070-016		4/5	P/1GRD0783	DMADA011	1/1
1DMAD221	IO	04-071-017		4/5	P/1GRD0793	DMADA021	1/1
1DMAD231	IO	04-070-017		4/5	P/1GRD0783	DMADA031	1/1
1DMAD241	IO	04-071-018		4/5	P/1GRD0793	DMADA041	1/1
1DMAD251	IO	04-070-018		4/5	P/1GRD0783	DMADA051	1/1
1DMAD261	IO	04-071-019		4/5	P/1GRD0793	DMADA061	1/1
1DMAD271	IO	04-070-019		4/5	P/1GRD0783	DMADA071	1/1
1DMAD281	IO	04-071-020		4/5	P/1GRD0793	DMADA081	1/1
1DMA0C20	I	04-063-018		4/5	P/1GRD0791	DMA0PC0	1/1
1DMA0D20	I	04-063-017		4/5	P/1GRD0791	DMA0DD0	1/1
1DMA0R20	I	04-063-019		4/5	P/1GRD0791	DMA0RD0	1/1
1DMAHR20	I	04-063-016		4/5	P/1GRD0791	DMAHTO	1/1
1DMAZ001	I	04-071-003		4/5	P/1GRD0792	DMAAD001	1/1
1DMAZ011	I	04-070-003		4/5	P/1GRD0782	DMAAD011	1/1
1DMAZ021	I	04-071-004		4/5	P/1GRD0792	DMAAD021	1/1
1DMAZ031	I	04-070-004		4/5	P/1GRD0782	DMAAD031	1/1
1DMAZ041	I	04-071-005		4/5	P/1GRD0792	DMAAD041	1/1
1DMAZ051	I	04-070-005		4/5	P/1GRD0782	DMAAD051	1/1
1DMAZ061	I	04-071-006		4/5	P/1GRD0792	DMAAD061	1/1
1DMAZ071	I	04-070-006		4/5	P/1GRD0782	DMAAD071	1/1
1DMAZ081	I	04-071-007		4/5	P/1GRD0792	DMAAD081	1/1
1DMAZ091	I	04-070-007		4/5	P/1GRD0782	DMAAD091	1/1
1DMAZ101	I	04-071-008		4/5	P/1GRD0792	DMAAD101	1/1
1DMAZ111	I	04-070-008		4/5	P/1GRD0782	DMAAD111	1/1
1DMAZ121	I	04-071-009		4/5	P/1GRD0792	DMAAD121	1/1
1DMAZ131	I	04-070-009		4/5	P/1GRD0782	DMAAD131	1/1
1DMAZ141	I	04-071-010		4/5	P/1GRD0792	DMAAD141	1/1
1DMAZ151	I	04-070-010		4/5	P/1GRD0782	DMAAD151	1/1
1ERR200	O	04-062-007		4/5	P/1GRD0780	AERR0	1/1
1ERR210	O	04-062-008		4/5	P/1GRD0780	BERR0	1/5
1ERR220	O	04-062-009		4/5	P/1GRD0780	CERR0	1/9
1ERR230	O	04-062-010		4/5	P/1GRD0780	DERR0	1/13
1GRD1280	GRD	04-062-000		4/5	P/1GRD0780	GRD04064	1/1
	GRD	04-062-011		4/5	P/1GRD0780	GRD04064	1/1
	GRD	04-063-000		4/5	P/1GRD0790	GRD04064	1/1
1GRD1281	GRD	04-063-011		4/5	P/1GRD0790	GRD04064	1/1
	GRD	04-062-013		4/5	P/1GRD0781	GRD04064	1/1
	GRD	04-062-024		4/5	P/1GRD0781	GRD04064	1/1
1GRD1282	GRD	04-063-013		4/5	P/1GRD0791	GRD04080	1/1
	GRD	04-063-024		4/5	P/1GRD0791	GRD04080	1/1
	GRD	04-070-000		4/5	P/1GRD0782	GRD04080	1/5
1GRD1283	GRD	04-070-011		4/5	P/1GRD0782	GRD04080	1/5
	GRD	04-071-000		4/5	P/1GRD0792	GRD04080	1/5

PART OF FS 4
SYMBOL(S) 1 2 3

MESSAGE SWITCH CABINET

Dwg Size
2Issue
5B

ATTN

PART OF FS 4
1 INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 3 (CONT)

I/O MESSAGE INTERFACE
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPU-1C2	124-000	J50006AD-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	GRD	04-071-011			P/1GRD0792	GRD04080	1/5
1GRD1283	GRD	04-070-013			P/1GRD0783	GRD04080	1/5
	GRD	04-070-024			P/1GRD0783	GRD04080	1/5
	GRD	04-071-013			P/1GRD0793	GRD04080	1/5
1INT200	GRD	04-071-024		4/5	P/1GRD0793	GRD04080	1/5
1INT210	O	04-071-022		4/5	P/1GRD0793	AINTRO	1/1
	O	04-070-022		4/5	P/1GRD0783	BINTRO	1/5
1INT220	O	04-071-023		4/5	P/1GRD0793	CINTRO	1/9
1INT230	O	04-070-023		4/5	P/1GRD0783	DINTRO	1/13
100L20	PWR	04-062-006		4/5	P/1GRD0780	+5PWR01	1/1
1PCSL200	I	04-063-003		4/5	P/1GRD0790	APCSELO	1/1
1PCSL210	I	04-063-004		4/5	P/1GRD0790	BPCSELO	1/5
1PCSL220	I	04-063-005		4/5	P/1GRD0790	CPCSELO	1/9
1PCSL230	I	04-063-006		4/5	P/1GRD0790	DPCSELO	1/13
1RSL820	I	04-063-021		4/5	P/1GRD0791	RISLO	1/1
1SLSL820	I	04-062-021		4/5	P/1GRD0781	SISLO	1/1
1SR200	O	04-063-022		4/5	P/1GRD0791	ASRO	1/1
1SR210	O	04-062-022		4/5	P/1GRD0781	BSRO	1/5
1SR220	O	04-063-023		4/5	P/1GRD0791	CSRO	1/9
1SR230	O	04-062-023		4/5	P/1GRD0781	DSRO	1/13

SYMBOL NO. 4

I/O MESSAGE INTERFACE
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPU-1C3	132-000	J50006AD-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1CINT30	I	04-063-020		4/5	P/1GRD0811	CMDINTO	1/1
1CLRPC30	I	04-062-020		4/5	P/1GRD0801	INITPCO	1/1
1CSA300	O	04-062-016		4/5	P/1GRD0801	ACSAO	1/1
1CSA310	O	04-062-017		4/5	P/1GRD0801	BCSAO	1/5
1CSA320	O	04-062-018		4/5	P/1GRD0801	CCSAO	1/9
1CSA330	O	04-062-019		4/5	P/1GRD0801	DCSAO	1/13
1DMAD301	IO	04-071-016		4/5	P/1GRD0813	DMADA001	1/1
1DMAD311	IO	04-070-016		4/5	P/1GRD0803	DMADA011	1/1
1DMAD321	IO	04-071-017		4/5	P/1GRD0813	DMADA021	1/1
1DMAD331	IO	04-070-017		4/5	P/1GRD0803	DMADA031	1/1
1DMAD341	IO	04-071-018		4/5	P/1GRD0813	DMADA041	1/1
1DMAD351	IO	04-070-018		4/5	P/1GRD0803	DMADA051	1/1
1DMAD361	IO	04-071-019		4/5	P/1GRD0813	DMADA061	1/1
1DMAD371	IO	04-070-019		4/5	P/1GRD0803	DMADA071	1/1
1DMAD381	IO	04-071-020		4/5	P/1GRD0813	DMADA081	1/1
1DMAD390	I	04-063-018		4/5	P/1GRD0811	DMADPCO	1/1
1DMARD30	I	04-063-017		4/5	P/1GRD0811	DMARD0	1/1
1DMARD30	I	04-063-019		4/5	P/1GRD0811	DMAREQO	1/1
1DMAWR30	I	04-063-016		4/5	P/1GRD0811	DMAWTO	1/1
1DMA3001	I	04-071-003		4/5	P/1GRD0812	DMAAD001	1/1
1DMA3011	I	04-070-003		4/5	P/1GRD0802	DMAAD011	1/1
1DMA3021	I	04-071-004		4/5	P/1GRD0812	DMAAD021	1/1
1DMA3031	I	04-070-004		4/5	P/1GRD0802	DMAAD031	1/1
1DMA3041	I	04-071-005		4/5	P/1GRD0812	DMAAD041	1/1

SYMBOL NO. 4 (CONT)

I/O MESSAGE INTERFACE
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPU-1C3	132-000	J50006AD-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1DMA3051	I	04-070-005		4/5	P/1GRD0802	DMAAD051	1/1
1DMA3061	I	04-071-006		4/5	P/1GRD0812	DMAAD061	1/1
1DMA3071	I	04-070-006		4/5	P/1GRD0802	DMAAD071	1/1
1DMA3081	I	04-071-007		4/5	P/1GRD0812	DMAAD081	1/1
1DMA3091	I	04-070-007		4/5	P/1GRD0802	DMAAD091	1/1
1DMA3101	I	04-071-008		4/5	P/1GRD0812	DMAAD101	1/1
1DMA3111	I	04-070-008		4/5	P/1GRD0802	DMAAD111	1/1
1DMA3121	I	04-071-009		4/5	P/1GRD0812	DMAAD121	1/1
1DMA3131	I	04-070-009		4/5	P/1GRD0802	DMAAD131	1/1
1DMA3141	I	04-071-010		4/5	P/1GRD0812	DMAAD141	1/1
1DMA3151	I	04-070-010		4/5	P/1GRD0802	DMAAD151	1/1
1ER300	O	04-062-007		4/5	P/1GRD0800	AERRO	1/1
1ER310	O	04-062-008		4/5	P/1GRD0800	BERRO	1/5
1ER320	O	04-062-009		4/5	P/1GRD0800	CERRO	1/9
1ER330	O	04-062-010		4/5	P/1GRD0800	DERRO	1/13
1GRD1360	GRD	04-062-000			P/1GRD0800	GRD04064	1/1
	GRD	04-062-011			P/1GRD0800	GRD04064	1/1
	GRD	04-063-000			P/1GRD0810	GRD04064	1/1
1GRD1361	GRD	04-063-011			P/1GRD0810	GRD04064	1/1
	GRD	04-062-013			P/1GRD0801	GRD04064	1/1
	GRD	04-062-024			P/1GRD0801	GRD04064	1/1
1GRD1362	GRD	04-063-013			P/1GRD0811	GRD04064	1/1
	GRD	04-063-024			P/1GRD0811	GRD04064	1/1
	GRD	04-070-000			P/1GRD0802	GRD04080	1/5
1GRD1363	GRD	04-070-011			P/1GRD0802	GRD04080	1/5
	GRD	04-071-000			P/1GRD0812	GRD04080	1/5
	GRD	04-071-011			P/1GRD0812	GRD04080	1/5
1GRD1363	GRD	04-070-013			P/1GRD0803	GRD04080	1/5
	GRD	04-070-024			P/1GRD0803	GRD04080	1/5
	GRD	04-071-013			P/1GRD0813	GRD04080	1/5
1INT300	GRD	04-071-024		4/5	P/1GRD0813	GRD04080	1/5
1INT310	O	04-071-022		4/5	P/1GRD0813	AINTRO	1/1
	O	04-070-022		4/5	P/1GRD0803	BINTRO	1/5
1INT320	O	04-071-023		4/5	P/1GRD0813	CINTRO	1/9
1INT330	O	04-070-023		4/5	P/1GRD0803	DINTRO	1/13
100L30	PWR	04-062-006		4/5	P/1GRD0800	+5PWR01	1/1
1PCSL300	I	04-063-003		4/5	P/1GRD0810	APCSELO	1/1
1PCSL310	I	04-063-004		4/5	P/1GRD0810	BPCSELO	1/5
1PCSL320	I	04-063-005		4/5	P/1GRD0810	CPCSELO	1/9
1PCSL330	I	04-063-006		4/5	P/1GRD0810	DPCSELO	1/13
1RSL830	I	04-063-021		4/5	P/1GRD0811	RISLO	1/1
1SLSL830	I	04-062-021		4/5	P/1GRD0801	SISLO	1/1
1SR300	O	04-063-022		4/5	P/1GRD0811	ASRO	1/1
1SR310	O	04-062-022		4/5	P/1GRD0801	BSRO	1/5
1SR320	O	04-063-023		4/5	P/1GRD0811	CSRO	1/9
1SR330	O	04-062-023		4/5	P/1GRD0801	DSRO	1/13

PART OF FS 4
SYMBOL(S) 3 4

MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		12	58
AT&T BELL LABORATORIES	SD-50146-01	84CB	

PART OF FS 4
1 INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 5
I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG EOPT CODE ELEM OPT
MSCU-1 141-000 JSD006AB-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-068-020				CLRPC00	3/1
	0	04-068-021				SISL800	3/1
	0	04-068-035				DMA0011	3/1
	0	04-068-036				DMA0031	3/1
	0	04-068-037				DMA0051	3/1
	0	04-068-038				DMA0071	3/1
	0	04-068-039				DMA0091	3/1
	0	04-068-040				DMA0111	3/1
	0	04-068-041				DMA0131	3/1
	0	04-068-042				DMA0151	3/1
	0	04-069-003				PCSL000	3/1
	0	04-069-004				PCSL010	3/1
	0	04-069-005				PCSL020	3/1
	0	04-069-006				PCSL030	3/1
	0	04-069-016				DMAWR00	3/1
	0	04-069-017				DMA000	3/1
	0	04-069-018				DMA000	3/1
	0	04-069-019				DMA000	3/1
	0	04-069-020				CINT00	3/1
	0	04-069-021				RISL800	3/1
	0	04-069-035				DMA0001	3/1
	0	04-069-036				DMA0021	3/1
	0	04-069-037				DMA0041	3/1
	0	04-069-038				DMA0061	3/1
	0	04-069-039				DMA0081	3/1
	0	04-069-040				DMA0101	3/1
	0	04-069-041				DMA0121	3/1
	0	04-069-042				DMA0141	3/1
	0	04-069-048				DMA0001	3/1
	0	04-092-020				CLRPC60	3/2
	0	04-092-021				SISL860	3/2
	0	04-092-035				DMA6011	3/2
	0	04-092-036				DMA6031	3/2
	0	04-092-037				DMA6051	3/2
	0	04-092-038				DMA6071	3/2
	0	04-092-039				DMA6091	3/2
	0	04-092-040				DMA6111	3/2
	0	04-092-041				DMA6131	3/2
	0	04-092-042				DMA6151	3/2
	0	04-093-003				PCSL600	3/2
	0	04-093-004				PCSL610	3/2
	0	04-093-005				PCSL620	3/2
	0	04-093-006				PCSL630	3/2
	0	04-093-016				DMAWR60	3/2
	0	04-093-017				DMA060	3/2
	0	04-093-018				DMA0060	3/2
	0	04-093-019				DMA0060	3/2
	0	04-093-020				CINT60	3/2
	0	04-093-021				RISL860	3/2
	0	04-093-035				DMA6001	3/2
	0	04-093-036				DMA6021	3/2
	0	04-093-037				DMA6041	3/2
	0	04-093-038				DMA6061	3/2
	0	04-093-039				DMA6081	3/2
	0	04-093-040				DMA6101	3/2
	0	04-093-041				DMA6121	3/2
	0	04-093-042				DMA6141	3/2
	0	04-094-020				CLRPC70	3/2
	0	04-094-021				SISL870	3/2
	0	04-094-035				DMA7011	3/2

SYMBOL NO. 5 (CONT)
I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG EOPT CODE ELEM OPT
MSCU-1 141-000 JSD006AB-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	0	04-094-036				DMA7031	3/2
	0	04-094-037				DMA7051	3/2
	0	04-094-038				DMA7071	3/2
	0	04-094-039				DMA7091	3/2
	0	04-094-040				DMA7111	3/2
	0	04-094-041				DMA7131	3/2
	0	04-094-042				DMA7151	3/2
	0	04-095-003				PCSL700	3/2
	0	04-095-004				PCSL710	3/2
	0	04-095-005				PCSL720	3/2
	0	04-095-006				PCSL730	3/2
	0	04-095-016				DMAWR70	3/2
	0	04-095-017				DMA070	3/2
	0	04-095-018				DMA070	3/2
	0	04-095-019				DMA070	3/2
	0	04-095-020				CINT70	3/2
	0	04-095-021				RISL870	3/2
	0	04-095-035				DMA7001	3/2
	0	04-095-036				DMA7021	3/2
	0	04-095-037				DMA7041	3/2
	0	04-095-038				DMA7061	3/2
	0	04-095-039				DMA7081	3/2
	0	04-095-040				DMA7101	3/2
	0	04-095-041				DMA7121	3/2
	0	04-095-042				DMA7141	3/2
	0	04-068-006				OOL00	3/1
	0	04-068-007				ER000	3/1
	0	04-068-008				ER010	3/1
	0	04-068-009				ER020	3/1
	0	04-068-010				ER030	3/1
	0	04-068-016				CSA000	3/1
	0	04-068-017				CSA010	3/1
	0	04-068-018				CSA020	3/1
	0	04-068-019				CSA030	3/1
	0	04-068-022				SR010	3/1
	0	04-068-023				SR030	3/1
	0	04-068-048				DMA011	3/1
	0	04-068-049				DMA031	3/1
	0	04-068-050				DMA051	3/1
	0	04-068-051				DMA071	3/1
	0	04-068-054				INT010	3/1
	0	04-068-055				INT030	3/1
	0	04-069-022				SR000	3/1
	0	04-069-023				SR020	3/1
	0	04-069-049				DMA021	3/1
	0	04-069-050				DMA041	3/1
	0	04-069-051				DMA061	3/1
	0	04-069-052				DMA081	3/1
	0	04-069-054				INT000	3/1
	0	04-069-055				INT020	3/1
	0	04-092-006				OOL60	3/2
	0	04-092-007				ER600	3/2
	0	04-092-008				ER610	3/2
	0	04-092-009				ER620	3/2
	0	04-092-010				ER630	3/2
	0	04-092-016				CSA600	3/2
	0	04-092-017				CSA610	3/2
	0	04-092-018				CSA620	3/2
	0	04-092-019				CSA630	3/2
	0	04-092-022				SR610	3/2

SYMBOL NO. 5 (CONT)
I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG EOPT CODE ELEM OPT
MSCU-1 141-000 JSD006AB-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	0	04-092-023				SR630	3/2
	0	04-092-048				DMA0611	3/2
	0	04-092-049				DMA0631	3/2
	0	04-092-050				DMA0651	3/2
	0	04-092-051				DMA0671	3/2
	0	04-092-054				INT610	3/2
	0	04-092-055				INT630	3/2
	0	04-093-022				SR600	3/2
	0	04-093-023				SR620	3/2
	0	04-093-048				DMA0601	3/2
	0	04-093-049				DMA0621	3/2
	0	04-093-050				DMA0641	3/2
	0	04-093-051				DMA0661	3/2
	0	04-093-052				DMA0681	3/2
	0	04-093-054				INT600	3/2
	0	04-093-055				INT620	3/2
	0	04-094-006				OOL70	3/2
	0	04-094-007				ER700	3/2
	0	04-094-008				ER710	3/2
	0	04-094-009				ER720	3/2
	0	04-094-010				ER730	3/2
	0	04-094-016				CSA700	3/2
	0	04-094-017				CSA710	3/2
	0	04-094-018				CSA720	3/2
	0	04-094-019				CSA730	3/2
	0	04-094-022				SR710	3/2
	0	04-094-023				SR730	3/2
	0	04-094-048				DMA0711	3/2
	0	04-094-049				DMA0731	3/2
	0	04-094-050				DMA0751	3/2
	0	04-094-051				DMA0771	3/2
	0	04-094-054				INT710	3/2
	0	04-094-055				INT730	3/2
	0	04-095-022				SR700	3/2
	0	04-095-023				SR720	3/2
	0	04-095-048				DMA0701	3/2
	0	04-095-049				DMA0721	3/2
	0	04-095-050				DMA0741	3/2
	0	04-095-051				DMA0761	3/2
	0	04-095-052				DMA0781	3/2
	0	04-095-054				INT700	3/2
	0	04-095-055				INT720	3/2
	0	04-068-002				GRD072	3/1
	0	04-068-011				GRD072	3/1
	0	04-068-015				GRD072	3/1
	0	04-068-024				GRD072	3/1
	0	04-068-034				GRD072	3/1
	0	04-068-043				GRD072	3/1
	0	04-068-047				GRD072	3/1
	0	04-068-056				GRD072	3/1

PART OF FS 4
SYMBOL(S) 5

MESSAGE SWITCH CABINET

DWG SIZE
C

ISSUE
5B

AT&T
BELL LABORATORIES

SD-5D146-01

B4CC

PART OF FS 4
1 INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 5 (CONT)
I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG EOPT CODE ELEM OPT
LOC LOC
MSCU-1 141-000 JSD006AB-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
GRD	04-069-002					GRD072	3/1
GRD	04-069-011					GRD072	3/1
GRD	04-069-015					GRD072	3/1
GRD	04-069-024					GRD072	3/1
GRD	04-069-034					GRD072	3/1
GRD	04-069-043					GRD072	3/1
GRD	04-069-047					GRD072	3/1
GRD	04-069-056					GRD086	3/2
GRD	04-092-002					GRD086	3/2
GRD	04-092-011					GRD086	3/2
GRD	04-092-015					GRD086	3/2
GRD	04-092-024					GRD086	3/2
GRD	04-092-034					GRD086	3/2
GRD	04-092-043					GRD086	3/2
GRD	04-092-047					GRD086	3/2
GRD	04-092-056					GRD086	3/2
GRD	04-093-002					GRD086	3/2
GRD	04-093-011					GRD086	3/2
GRD	04-093-015					GRD086	3/2
GRD	04-093-024					GRD086	3/2
GRD	04-093-034					GRD086	3/2
GRD	04-093-043					GRD086	3/2
GRD	04-093-047					GRD086	3/2
GRD	04-093-056					GRD086	3/2
GRD	04-094-002					GRD086	3/2
GRD	04-094-011					GRD086	3/2
GRD	04-094-015					GRD086	3/2
GRD	04-094-024					GRD086	3/2
GRD	04-094-034					GRD086	3/2
GRD	04-094-043					GRD086	3/2
GRD	04-094-047					GRD086	3/2
GRD	04-094-056					GRD086	3/2
GRD	04-095-002					GRD086	3/2
GRD	04-095-011					GRD086	3/2
GRD	04-095-015					GRD086	3/2
GRD	04-095-024					GRD086	3/2
GRD	04-095-034					GRD086	3/2
GRD	04-095-043					GRD086	3/2
GRD	04-095-047					GRD086	3/2
GRD	04-095-056					GRD086	3/2
SPARE420	OT	04-083-005		3/5	P/0GRD0710	PCSL420	3/2
I	04-082-009			3/5	P/0GRD0700	ER420	3/2
I	04-083-023			3/5	P/0GRD0711	SR420	3/2
I	04-083-055			3/5	P/0GRD0713	INT420	3/2
OT	04-083-006			3/5	P/0GRD0710	PCSL430	3/2
I	04-082-010			3/5	P/0GRD0700	ER430	3/2
I	04-082-023			3/5	P/0GRD0701	SR430	3/2
I	04-082-055			3/5	P/0GRD0703	INT430	3/2
OT	04-085-005			3/5	P/0GRD0790	PCSL520	3/2
I	04-084-009			3/5	P/0GRD0780	ER520	3/2
I	04-084-018			3/5	P/0GRD0781	CSA520	3/2
I	04-085-023			3/5	P/0GRD0791	SR520	3/2
I	04-085-055			3/5	P/0GRD0793	INT520	3/2
OT	04-085-006			3/5	P/0GRD0790	PCSL530	3/2
I	04-084-010			3/5	P/0GRD0780	ER530	3/2
I	04-084-019			3/5	P/0GRD0781	CSA530	3/2
I	04-084-023			3/5	P/0GRD0781	SR530	3/2
I	04-084-055			3/5	P/0GRD0783	INT530	3/2

SYMBOL NO. 5 (CONT)
I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG EOPT CODE ELEM OPT
LOC LOC
MSCU-1 141-000 JSD006AB-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1CINT10	0	04-071-020		4/2	P/1GRD0711	CINT10	3/1
1CINT20	0	04-079-020		4/3	P/1GRD0791	CINT20	3/1
1CINT30	0	04-081-020		4/4	P/1GRD0811	CINT30	3/1
1CINT40	0	04-083-020		4/6	P/0GRD0711	CINT40	3/2
1CINT50	0	04-085-020		4/6	P/0GRD0791	CINT50	3/2
1CLRPC10	0	04-070-020		4/2	P/1GRD0701	CLRPC10	3/1
1CLRPC20	0	04-078-020		4/3	P/1GRD0781	CLRPC20	3/1
1CLRPC30	0	04-080-020		4/4	P/1GRD0801	CLRPC30	3/1
1CLRPC40	0	04-082-020		4/6	P/0GRD0701	CLRPC40	3/2
1CLRPC50	0	04-084-020		4/6	P/0GRD0781	CLRPC50	3/2
1CSA100	I	04-070-016		4/2	P/1GRD0701	CSA100	3/1
1CSA110	I	04-070-017		4/2	P/1GRD0701	CSA110	3/1
1CSA120	I	04-070-018		4/2	P/1GRD0701	CSA120	3/1
1CSA130	I	04-070-019		4/2	P/1GRD0701	CSA130	3/1
1CSA200	I	04-078-016		4/3	P/1GRD0781	CSA200	3/1
1CSA210	I	04-078-017		4/3	P/1GRD0781	CSA210	3/1
1CSA220	I	04-078-018		4/3	P/1GRD0781	CSA220	3/1
1CSA230	I	04-078-019		4/3	P/1GRD0781	CSA230	3/1
1CSA300	I	04-080-016		4/4	P/1GRD0801	CSA300	3/1
1CSA310	I	04-080-017		4/4	P/1GRD0801	CSA310	3/1
1CSA320	I	04-080-018		4/4	P/1GRD0801	CSA320	3/1
1CSA330	I	04-080-019		4/4	P/1GRD0801	CSA330	3/1
1CSA400	I	04-082-016		4/6	P/0GRD0701	CSA400	3/2
1CSA410	I	04-082-017		4/6	P/0GRD0701	CSA410	3/2
1CSA420	I	04-082-018			P/0GRD0701	CSA420	3/2
1CSA430	I	04-082-019			P/0GRD0701	CSA430	3/2
1CSA500	I	04-084-016		4/6	P/0GRD0781	CSA500	3/2
1CSA510	I	04-084-017		4/6	P/0GRD0781	CSA510	3/2
DMAD101	IO	04-071-048		4/2	P/1GRD0713	DMAD101	3/1
DMAD111	IO	04-070-048		4/2	P/1GRD0703	DMAD111	3/1
DMAD121	IO	04-071-049		4/2	P/1GRD0713	DMAD121	3/1
DMAD131	IO	04-070-049		4/2	P/1GRD0703	DMAD131	3/1
DMAD141	IO	04-071-050		4/2	P/1GRD0713	DMAD141	3/1
DMAD151	IO	04-070-050		4/2	P/1GRD0703	DMAD151	3/1
DMAD161	IO	04-071-051		4/2	P/1GRD0713	DMAD161	3/1
DMAD171	IO	04-070-051		4/2	P/1GRD0703	DMAD171	3/1
DMAD181	IO	04-071-052		4/2	P/1GRD0713	DMAD181	3/1
DMAD201	IO	04-079-048		4/3	P/1GRD0793	DMAD201	3/1
DMAD211	IO	04-078-048		4/3	P/1GRD0783	DMAD211	3/1

SYMBOL NO. 5 (CONT)
I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG EOPT CODE ELEM OPT
LOC LOC
MSCU-1 141-000 JSD006AB-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
DMAD221	IO	04-079-049		4/3	P/1GRD0793	DMAD221	3/1
DMAD231	IO	04-078-049		4/3	P/1GRD0783	DMAD231	3/1
DMAD241	IO	04-079-050		4/3	P/1GRD0793	DMAD241	3/1
DMAD251	IO	04-078-050		4/3	P/1GRD0783	DMAD251	3/1
DMAD261	IO	04-079-051		4/3	P/1GRD0793	DMAD261	3/1
DMAD271	IO	04-078-051		4/3	P/1GRD0783	DMAD271	3/1
DMAD281	IO	04-079-052		4/3	P/1GRD0793	DMAD281	3/1
DMAD301	IO	04-081-048		4/4	P/1GRD0813	DMAD301	3/1
DMAD311	IO	04-080-048		4/4	P/1GRD0803	DMAD311	3/1
DMAD321	IO	04-081-049		4/4	P/1GRD0813	DMAD321	3/1
DMAD331	IO	04-080-049		4/4	P/1GRD0803	DMAD331	3/1
DMAD341	IO	04-081-050		4/4	P/1GRD0813	DMAD341	3/1
DMAD351	IO	04-080-050		4/4	P/1GRD0803	DMAD351	3/1
DMAD361	IO	04-081-051		4/4	P/1GRD0813	DMAD361	3/1
DMAD371	IO	04-080-051		4/4	P/1GRD0803	DMAD371	3/1
DMAD381	IO	04-081-052		4/4	P/1GRD0813	DMAD381	3/1
DMAD401	IO	04-083-048		4/6	P/0GRD0713	DMAD401	3/2
DMAD411	I	04-082-048		4/6	P/0GRD0703	DMAD411	3/2
DMAD421	I	04-083-049		4/6	P/0GRD0713	DMAD421	3/2
DMAD431	I	04-082-049		4/6	P/0GRD0703	DMAD431	3/2
DMAD441	I	04-083-050		4/6	P/0GRD0713	DMAD441	3/2
DMAD451	I	04-082-050		4/6	P/0GRD0703	DMAD451	3/2
DMAD461	I	04-083-051		4/6	P/0GRD0713	DMAD461	3/2
DMAD471	I	04-082-051		4/6	P/0GRD0703	DMAD471	3/2
DMAD481	I	04-083-052		4/6	P/0GRD0713	DMAD481	3/2
DMAD501	I	04-085-048		4/6	P/0GRD0793	DMAD501	3/2
DMAD511	I	04-084-048		4/6	P/0GRD0783	DMAD511	3/2
DMAD521	I	04-085-049		4/6	P/0GRD0793	DMAD521	3/2
DMAD531	I	04-084-049		4/6	P/0GRD0783	DMAD531	3/2
DMAD541	I	04-085-050		4/6	P/0GRD0793	DMAD541	3/2
DMAD551	I	04-084-050		4/6	P/0GRD0783	DMAD551	3/2
DMAD561	I	04-085-051		4/6	P/0GRD0793	DMAD561	3/2
DMAD571	I	04-084-051		4/6	P/0GRD0783	DMAD571	3/2
DMAD581	I	04-085-052		4/6	P/0GRD0793	DMAD581	3/2
DMAD610	O	04-071-018		4/2	P/1GRD0711	DMAD610	3/1
DMAD620	O	04-079-018		4/3	P/1GRD0791	DMAD620	3/1

PART OF FS 4
SYMBOL(S) 5

MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		12	58
AT&T BELL LABORATORIES		SD-5D146-01	
		B4CD	

PRINTED IN U. S. A.

02/12/85

PART OF FS 4

1 INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 5 (CONT)

I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSCU-1	141-000	JSD006AB-1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1DMA0C30	0	04-081-018		4/4	P/1GRD0811 209	DMA0C30	3/1
1DMA0C40	0	04-083-018		4/6	P/0GRD0711	DMA0C40	3/2
1DMA0C50	0	04-085-018		4/6	P/0GRD0791	DMA0C50	3/2
1DMARD10	0	04-071-017		4/2	P/1GRD0711 209	DMARD10	3/1
1DMARD20	0	04-079-017		4/3	P/1GRD0791 209	DMARD20	3/1
1DMARD30	0	04-081-017		4/4	P/1GRD0811 209	DMARD30	3/1
1DMARD40	0	04-083-017		4/6	P/0GRD0711	DMARD40	3/2
1DMARD50	0	04-085-017		4/6	P/0GRD0791	DMARD50	3/2
1DMARD10	0	04-071-019		4/2	P/1GRD0711 209	DMARD10	3/1
1DMARD20	0	04-079-019		4/3	P/1GRD0791 209	DMARD20	3/1
1DMARD30	0	04-081-019		4/4	P/1GRD0811 209	DMARD30	3/1
1DMARD40	0	04-083-019		4/6	P/0GRD0711	DMARD40	3/2
1DMARD50	0	04-085-019		4/6	P/0GRD0791	DMARD50	3/2
1DMAWR10	0	04-071-016		4/2	P/1GRD0711 209	DMAWR10	3/1
1DMAWR20	0	04-079-016		4/3	P/1GRD0791 209	DMAWR20	3/1
1DMAWR30	0	04-081-016		4/4	P/1GRD0811 209	DMAWR30	3/1
1DMAWR40	0	04-083-016		4/6	P/0GRD0711	DMAWR40	3/2
1DMAWR50	0	04-085-016		4/6	P/0GRD0791	DMAWR50	3/2
1DMA1001	0	04-071-035		4/2	P/1GRD0712 209	DMA1001	3/1
1DMA1011	0	04-070-035		4/2, 4/6	P/1GRD0702 209	DMA1011	3/1
1DMA1021	0	04-071-036		4/2	P/1GRD0712 209	DMA1021	3/1
1DMA1031	0	04-070-036		4/2, 4/6	P/1GRD0702 209	DMA1031	3/1
1DMA1041	0	04-071-037		4/2	P/1GRD0712 209	DMA1041	3/1
1DMA1051	0	04-070-037		4/2, 4/6	P/1GRD0702 209	DMA1051	3/1
1DMA1061	0	04-071-038		4/2	P/1GRD0712 209	DMA1061	3/1
1DMA1071	0	04-070-038		4/2, 4/6	P/1GRD0702 209	DMA1071	3/1
1DMA1081	0	04-071-039		4/2	P/1GRD0712 209	DMA1081	3/1
1DMA1091	0	04-070-039		4/2, 4/6	P/1GRD0702 209	DMA1091	3/1
1DMA1101	0	04-071-040		4/2	P/1GRD0712 209	DMA1101	3/1
1DMA1111	0	04-070-040		4/2, 4/6	P/1GRD0702 209	DMA1111	3/1
1DMA1121	0	04-071-041		4/2	P/1GRD0712 209	DMA1121	3/1
1DMA1131	0	04-070-041		4/2, 4/6	P/1GRD0702 209	DMA1131	3/1
1DMA1141	0	04-071-042		4/2	P/1GRD0712 209	DMA1141	3/1
1DMA1151	0	04-070-042		4/2, 4/6	P/1GRD0702 209	DMA1151	3/1
1DMA2001	0	04-079-035		4/3	P/1GRD0792 209	DMA2001	3/1
1DMA2011	0	04-078-035		4/3	P/1GRD0782 209	DMA2011	3/1
1DMA2021	0	04-079-036		4/3	P/1GRD0792 209	DMA2021	3/1
1DMA2031	0	04-078-036		4/3	P/1GRD0782 209	DMA2031	3/1
1DMA2041	0	04-079-037		4/3	P/1GRD0792 209	DMA2041	3/1

SYMBOL NO. 5 (CONT)

I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSCU-1	141-000	JSD006AB-1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1DMA2051	0	04-078-037		4/3	P/1GRD0782 209	DMA2051	3/1
1DMA2061	0	04-079-038		4/3	P/1GRD0792 209	DMA2061	3/1
1DMA2071	0	04-078-038		4/3	P/1GRD0782 209	DMA2071	3/1
1DMA2081	0	04-079-039		4/3	P/1GRD0792 209	DMA2081	3/1
1DMA2091	0	04-078-039		4/3	P/1GRD0782 209	DMA2091	3/1
1DMA2101	0	04-079-040		4/3	P/1GRD0792 209	DMA2101	3/1
1DMA2111	0	04-078-040		4/3	P/1GRD0782 209	DMA2111	3/1
1DMA2121	0	04-079-041		4/3	P/1GRD0792 209	DMA2121	3/1
1DMA2131	0	04-078-041		4/3	P/1GRD0782 209	DMA2131	3/1
1DMA2141	G	04-079-042		4/3	P/1GRD0792 209	DMA2141	3/1
1DMA2151	0	04-078-042		4/3	P/1GRD0782 209	DMA2151	3/1
1DMA3001	0	04-081-035		4/4	P/1GRD0812 209	DMA3001	3/1
1DMA3011	0	04-080-035		4/4	P/1GRD0802 209	DMA3011	3/1
1DMA3021	0	04-081-036		4/4	P/1GRD0812 209	DMA3021	3/1
1DMA3031	0	04-080-036		4/4	P/1GRD0802 209	DMA3031	3/1
1DMA3041	0	04-081-037		4/4	P/1GRD0812 209	DMA3041	3/1
1DMA3051	0	04-080-037		4/4	P/1GRD0802 209	DMA3051	3/1
1DMA3061	0	04-081-038		4/4	P/1GRD0812 209	DMA3061	3/1
1DMA3071	0	04-080-038		4/4	P/1GRD0802 209	DMA3071	3/1
1DMA3081	0	04-081-039		4/4	P/1GRD0812 209	DMA3081	3/1
1DMA3091	0	04-080-039		4/4	P/1GRD0802 209	DMA3091	3/1
1DMA3101	0	04-081-040		4/4	P/1GRD0812 209	DMA3101	3/1
1DMA3111	0	04-080-040		4/4	P/1GRD0802 209	DMA3111	3/1
1DMA3121	0	04-081-041		4/4	P/1GRD0812 209	DMA3121	3/1
1DMA3131	0	04-080-041		4/4	P/1GRD0802 209	DMA3131	3/1
1DMA3141	0	04-081-042		4/4	P/1GRD0812 209	DMA3141	3/1
1DMA3151	0	04-080-042		4/4	P/1GRD0802 209	DMA3151	3/1
1DMA4001	0	04-083-035		4/6	P/0GRD0712	DMA4001	3/2
1DMA4011	0	04-082-035		4/6	P/0GRD0702	DMA4011	3/2
1DMA4021	0	04-083-036		4/6	P/0GRD0712	DMA4021	3/2
1DMA4031	0	04-082-036		4/6	P/0GRD0702	DMA4031	3/2
1DMA4041	0	04-083-037		4/6	P/0GRD0712	DMA4041	3/2
1DMA4051	0	04-082-037		4/6	P/0GRD0702	DMA4051	3/2
1DMA4061	0	04-083-038		4/6	P/0GRD0712	DMA4061	3/2
1DMA4071	0	04-082-038		4/6	P/0GRD0702	DMA4071	3/2
1DMA4081	0	04-083-039		4/6	P/0GRD0712	DMA4081	3/2
1DMA4091	0	04-082-039		4/6	P/0GRD0702	DMA4091	3/2
1DMA4101	0	04-083-040		4/6	P/0GRD0712	DMA4101	3/2
1DMA4111	0	04-082-040		4/6	P/0GRD0702	DMA4111	3/2

SYMBOL NO. 5 (CONT)

I/O MICROPROCESSOR INTERFACE
MESSAGE SWITCH CONTROL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSCU-1	141-000	JSD006AB-1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1DMA4121	0	04-083-041		4/6	P/0GRD0712	DMA4121	3/2
1DMA4131	0	04-082-041		4/6	P/0GRD0702	DMA4131	3/2
1DMA4141	0	04-083-042		4/6	P/0GRD0712	DMA4141	3/2
1DMA4151	0	04-082-042		4/6	P/0GRD0702	DMA4151	3/2
1DMA5001	0	04-085-035		4/6	P/0GRD0792	DMA5001	3/2
1DMA5011	0	04-084-035		4/6	P/0GRD0782	DMA5011	3/2
1DMA5021	0	04-085-036		4/6	P/0GRD0792	DMA5021	3/2
1DMA5031	0	04-084-036		4/6	P/0GRD0782	DMA5031	3/2
1DMA5041	0	04-085-037		4/6	P/0GRD0792	DMA5041	3/2
1DMA5051	0	04-084-037		4/6	P/0GRD0782	DMA5051	3/2
1DMA5061	0	04-085-038		4/6	P/0GRD0792	DMA5061	3/2
1DMA5071	0	04-084-038		4/6	P/0GRD0782	DMA5071	3/2
1DMA5081	0	04-085-039		4/6	P/0GRD0792	DMA5081	3/2
1DMA5091	0	04-084-039		4/6	P/0GRD0782	DMA5091	3/2
1DMA5101	0	04-085-040		4/6	P/0GRD0792	DMA5101	3/2
1DMA5111	0	04-084-040		4/6	P/0GRD0782	DMA5111	3/2
1DMA5121	0	04-085-041		4/6	P/0GRD0792	DMA5121	3/2
1DMA5131	0	04-084-041		4/6	P/0GRD0782	DMA5131	3/2
1DMA5141	0	04-085-042		4/6	P/0GRD0792	DMA5141	3/2
1DMA5151	0	04-084-042		4/6	P/0GRD0782	DMA5151	3/2
1ER100	1	04-070-007		4/2	P/1GRD0700 209	ER100	3/1
1ER110	1	04-070-008		4/2	P/1GRD0700 209	ER110	3/1
1ER120	1	04-070-009		4/2	P/1GRD0700 209	ER120	3/1
1ER130	1	04-070-010		4/2	P/1GRD0700 209	ER130	3/1
1ER200	1	04-078-007		4/3	P/1GRD0780 209	ER200	3/1
1ER210	1	04-078-008		4/3	P/1GRD0780 209	ER210	3/1
1ER220	1	04-078-009		4/3	P/1GRD0780 209	ER220	3/1
1ER230	1	04-078-010		4/3	P/1GRD0780 209	ER230	3/1
1ER300	1	04-080-007		4/4	P/1GRD0800 209	ER300	3/1
1ER310	1	04-080-008		4/4	P/1GRD0800 209	ER310	3/1
1ER320	1	04-080-009		4/4	P/1GRD0800 209	ER320	3/1
1ER330	1	04-080-010		4/4	P/1GRD0800 209	ER330	3/1
1ER400	1	04-082-007		4/6	P/0GRD0700	ER400	3/2
1ER410	1	04-082-008		4/6	P/0GRD0700	ER410	3/2
1ER500	1	04-084-007		4/6	P/0GRD0780	ER500	3/2
1ER510	1	04-084-008		4/6	P/0GRD0780	ER510	3/2
1GRD0450	GRD	04-082-002			P/0GRD0700	GRD086	3/2
	GRD	04-082-011			P/0GRD0700	GRD086	3/2
	GRD	04-083-002			P/0GRD0710	GRD086	3/2
	GRD	04-083-011			P/0GRD0710	GRD086	3/2
	GRD	04-084-002			P/0GRD0780	GRD086	3/2

PART OF FS 4
SYMBOL(S) 5

MESSAGE SWITCH CABINET

DWG SIZE
CISSUE
5BAT&T
BELL LABORATORIES

SD-5D146-01

B4CE

PRINTED IN U. S. A.

02/12/85

PART OF FS 4 1 INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 5 (CONT) I/O MICROPROCESSOR INTERFACE MESSAGE SWITCH CONTROL UNIT

SYMBOL NO. 5 (CONT) I/O MICROPROCESSOR INTERFACE MESSAGE SWITCH CONTROL UNIT

DESIG EOPT CODE ELEM OPT
MSCU-1 141-000 J5D006AB-1 A

DESIG EOPT CODE ELEM OPT
MSCU-1 141-000 J5D006AB-1 A

DESIG EOPT CODE ELEM OPT
MSCU-1 141-000 J5D006AB-1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1GRD0451	GRD	04-084-011			P/0GRD0780	GRD086	3/2
	GRD	04-085-002			P/0GRD0790	GRD086	3/2
	GRD	04-085-011			P/0GRD0790	GRD086	3/2
	GRD	04-082-015			P/0GRD0701	GRD086	3/2
1GRD0452	GRD	04-082-024			P/0GRD0701	GRD086	3/2
	GRD	04-083-015			P/0GRD0711	GRD086	3/2
	GRD	04-083-024			P/0GRD0711	GRD086	3/2
	GRD	04-084-015			P/0GRD0781	GRD086	3/2
1GRD0453	GRD	04-084-024			P/0GRD0781	GRD086	3/2
	GRD	04-085-015			P/0GRD0791	GRD086	3/2
	GRD	04-085-024			P/0GRD0791	GRD086	3/2
	GRD	04-082-034			P/0GRD0702	GRD086	3/2
1GRD0454	GRD	04-082-043			P/0GRD0702	GRD086	3/2
	GRD	04-083-034			P/0GRD0712	GRD086	3/2
	GRD	04-083-043			P/0GRD0712	GRD086	3/2
	GRD	04-084-034			P/0GRD0782	GRD086	3/2
1GRD0455	GRD	04-084-043			P/0GRD0782	GRD086	3/2
	GRD	04-085-034			P/0GRD0792	GRD086	3/2
	GRD	04-085-043			P/0GRD0792	GRD086	3/2
	GRD	04-082-047			P/0GRD0703	GRD086	3/2
1GRD0456	GRD	04-082-056			P/0GRD0703	GRD086	3/2
	GRD	04-083-047			P/0GRD0713	GRD086	3/2
	GRD	04-083-056			P/0GRD0713	GRD086	3/2
	GRD	04-084-047			P/0GRD0783	GRD086	3/2
1GRD0457	GRD	04-084-047			P/0GRD0783	GRD086	3/2
	GRD	04-085-047			P/0GRD0793	GRD086	3/2
	GRD	04-085-056			P/0GRD0793	GRD086	3/2
	GRD	04-070-002	(X)	(X)4/1	P/1GRD0700	GRD072	3/1
1GRD0458	GRD	04-070-011	(X)	(X)4/1	P/1GRD0700	GRD072	3/1
	GRD	04-071-002	(X)	(X)4/1	P/1GRD0710	GRD072	3/1
	GRD	04-071-011	(X)	(X)4/1	P/1GRD0710	GRD072	3/1
	GRD	04-078-002	(X)	(X)4/1	P/1GRD0780	GRD072	3/1
1GRD0459	GRD	04-078-011	(X)	(X)4/1	P/1GRD0780	GRD072	3/1
	GRD	04-079-002	(X)	(X)4/1	P/1GRD0790	GRD072	3/1
	GRD	04-079-011	(X)	(X)4/1	P/1GRD0790	GRD072	3/1
	GRD	04-080-002	(X)	(X)4/1	P/1GRD0800	GRD072	3/1
1GRD0460	GRD	04-080-011	(X)	(X)4/1	P/1GRD0800	GRD072	3/1
	GRD	04-081-002	(X)	(X)4/1	P/1GRD0810	GRD072	3/1
	GRD	04-081-011	(X)	(X)4/1	P/1GRD0810	GRD072	3/1
	GRD	04-070-015	(X)	(X)4/1	P/1GRD0701	GRD072	3/1
1GRD0461	GRD	04-070-024	(X)	(X)4/1	P/1GRD0701	GRD072	3/1
	GRD	04-071-015	(X)	(X)4/1	P/1GRD0711	GRD072	3/1
	GRD	04-071-024	(X)	(X)4/1	P/1GRD0711	GRD072	3/1
	GRD	04-078-015	(X)	(X)4/1	P/1GRD0781	GRD072	3/1
1GRD0462	GRD	04-078-024	(X)	(X)4/1	P/1GRD0781	GRD072	3/1
	GRD	04-079-015	(X)	(X)4/1	P/1GRD0791	GRD072	3/1
	GRD	04-079-024	(X)	(X)4/1	P/1GRD0791	GRD072	3/1
	GRD	04-080-015	(X)	(X)4/1	P/1GRD0801	GRD072	3/1
1GRD0463	GRD	04-080-024	(X)	(X)4/1	P/1GRD0801	GRD072	3/1
	GRD	04-081-015	(X)	(X)4/1	P/1GRD0811	GRD072	3/1
	GRD	04-081-024	(X)	(X)4/1	P/1GRD0811	GRD072	3/1
	GRD	04-070-034	(X)	(X)4/1	P/1GRD0702	GRD072	3/1
1GRD0464	GRD	04-070-043	(X)	(X)4/1	P/1GRD0702	GRD072	3/1
	GRD	04-071-034	(X)	(X)4/1	P/1GRD0712	GRD072	3/1
	GRD	04-071-043	(X)	(X)4/1	P/1GRD0712	GRD072	3/1
	GRD	04-078-034	(X)	(X)4/1	P/1GRD0782	GRD072	3/1
1GRD0465	GRD	04-078-043	(X)	(X)4/1	P/1GRD0782	GRD072	3/1
	GRD	04-079-034	(X)	(X)4/1	P/1GRD0792	GRD072	3/1

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1GRD1453	GRD	04-079-043	(X)	(X)4/1	P/1GRD0792	GRD072	3/1
	GRD	04-080-034	(X)	(X)4/1	P/1GRD0802	GRD072	3/1
	GRD	04-080-043	(X)	(X)4/1	P/1GRD0802	GRD072	3/1
	GRD	04-081-034	(X)	(X)4/1	P/1GRD0812	GRD072	3/1
1GRD1454	GRD	04-081-043	(X)	(X)4/1	P/1GRD0812	GRD072	3/1
	GRD	04-070-047	(X)	(X)4/1	P/1GRD0703	GRD072	3/1
	GRD	04-071-047	(X)	(X)4/1	P/1GRD0713	GRD072	3/1
	GRD	04-071-056	(X)	(X)4/1	P/1GRD0713	GRD072	3/1
1GRD1455	GRD	04-078-047	(X)	(X)4/1	P/1GRD0783	GRD072	3/1
	GRD	04-078-056	(X)	(X)4/1	P/1GRD0783	GRD072	3/1
	GRD	04-079-047	(X)	(X)4/1	P/1GRD0793	GRD072	3/1
	GRD	04-079-056	(X)	(X)4/1	P/1GRD0793	GRD072	3/1
1GRD1456	GRD	04-080-047	(X)	(X)4/1	P/1GRD0803	GRD072	3/1
	GRD	04-080-056	(X)	(X)4/1	P/1GRD0803	GRD072	3/1
	GRD	04-081-047	(X)	(X)4/1	P/1GRD0813	GRD072	3/1
	GRD	04-081-056	(X)	(X)4/1	P/1GRD0813	GRD072	3/1
1GRD1457	GRD	04-071-054	(X)	(X)4/1	P/1GRD0713	INT100	3/1
	GRD	04-070-054	(X)	(X)4/1	P/1GRD0703	INT110	3/1
	GRD	04-071-055	(X)	(X)4/1	P/1GRD0713	INT120	3/1
	GRD	04-070-055	(X)	(X)4/1	P/1GRD0703	INT130	3/1
1GRD1458	GRD	04-079-054	(X)	(X)4/1	P/1GRD0793	INT200	3/1
	GRD	04-078-054	(X)	(X)4/1	P/1GRD0783	INT210	3/1
	GRD	04-079-055	(X)	(X)4/1	P/1GRD0793	INT220	3/1
	GRD	04-078-055	(X)	(X)4/1	P/1GRD0783	INT230	3/1
1GRD1459	GRD	04-081-054	(X)	(X)4/1	P/1GRD0813	INT300	3/1
	GRD	04-080-054	(X)	(X)4/1	P/1GRD0803	INT310	3/1
	GRD	04-081-055	(X)	(X)4/1	P/1GRD0813	INT320	3/1
	GRD	04-080-055	(X)	(X)4/1	P/1GRD0803	INT330	3/1
1GRD1460	GRD	04-083-054	(X)	(X)4/1	P/0GRD0713	INT400	3/2
	GRD	04-082-054	(X)	(X)4/1	P/0GRD0703	INT410	3/2
	GRD	04-085-054	(X)	(X)4/1	P/0GRD0793	INT500	3/2
	GRD	04-084-054	(X)	(X)4/1	P/0GRD0783	INT510	3/2
1GRD1461	GRD	04-070-006	(X)	(X)4/1	P/1GRD0700	OOL10	3/1
	GRD	04-078-006	(X)	(X)4/1	P/1GRD0780	OOL20	3/1
	GRD	04-080-006	(X)	(X)4/1	P/1GRD0800	OOL30	3/1
	GRD	04-082-006	(X)	(X)4/1	P/0GRD0700	OOL40	3/2
1GRD1462	GRD	04-082-006	(X)	(X)4/1	P/0GRD0780	OOL50	3/2
	GRD	04-071-003	(X)	(X)4/1	P/1GRD0710	PCSL100	3/1
	GRD	04-071-004	(X)	(X)4/1	P/1GRD0710	PCSL110	3/1
	GRD	04-071-005	(X)	(X)4/1	P/1GRD0710	PCSL120	3/1
1GRD1463	GRD	04-071-006	(X)	(X)4/1	P/1GRD0710	PCSL130	3/1
	GRD	04-079-003	(X)	(X)4/1	P/1GRD0790	PCSL200	3/1
	GRD	04-079-004	(X)	(X)4/1	P/1GRD0790	PCSL210	3/1
	GRD	04-079-005	(X)	(X)4/1	P/1GRD0790	PCSL220	3/1

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1PCSL230	O	04-079-006		4/3	P/1GRD0790	PCSL230	3/1
	O	04-081-003		4/4	P/1GRD0810	PCSL300	3/1
	O	04-081-004		4/4	P/1GRD0810	PCSL310	3/1
	O	04-081-005		4/4	P/1GRD0810	PCSL320	3/1
1PCSL330	O	04-081-006		4/4	P/1GRD0810	PCSL330	3/1
	O	04-083-003		4/6	P/0GRD0710	PCSL400	3/2
	O	04-083-004		4/6	P/0GRD0710	PCSL410	3/2
	O	04-085-003		4/6	P/0GRD0790	PCSL500	3/2
1PCSL510	O	04-085-004		4/6	P/0GRD0790	PCSL510	3/2
	O	04-071-021		4/2	P/1GRD0711	RISL810	3/1
	O	04-085-021		4/6	P/1GRD0791	RISL820	3/1
	O	04-079-021		4/3	P/1GRD0811	RISL830	3/1
1RISL830	O	04-081-021		4/4	P/1GRD0811	RISL830	3/1
	O	04-083-021		4/6	P/0GRD0711	RISL840	3/2
	O	04-085-021		4/6	P/0GRD0791	RISL850	3/2
	O	04-070-021		4/2	P/1GRD0701	SISL810	3/1
1SISL810	O	04-078-021		4/3	P/1GRD0781	SISL820	3/1
	O	04-080-021		4/4	P/1GRD0801	SISL830	3/1
	O	04-082-021		4/6	P/0GRD0701	SISL840	3/2
	O	04-084-021		4/6	P/0GRD0781	SISL850	3/2
1SR100	I	04-071-022		4/2	P/1GRD0711	SR100	3/1
	I	04-070-022		4/2	P/1GRD0701	SR110	3/1
	I	04-071-023		4/2	P/1GRD0711	SR120	3/1
	I	04-070-023		4/2	P/1GRD0701	SR130	3/1
1SR200	I	04-079-022		4/3	P/1GRD0791	SR200	3/1
	I	04-078-022		4/3	P/1GRD0781	SR210	3/1
	I	04-079-023		4/3	P/1GRD0791	SR220	3/1
	I	04-078-023		4/3	P/1GRD0781	SR230	3/1
1SR300	I	04-081-022		4/4	P/1GRD0811	SR300	3/1
	I	04-080-022		4/4	P/1GRD0801	SR310	3/1
	I	04-081-023		4/4	P/1GRD0811	SR320	3/1
	I	04-080-023		4/4	P/1GRD0801	SR330	3/1
1SR400	I	04-083-022		4/6	P/0GRD0711	SR400	3/2
	I	04-082-022		4/6	P/0GRD0701	SR410	3/2

PART OF FS 4
SYMBOL(S) 5

MESSAGE SWITCH CABINET		DWG SIZE C	ISSUE 5B
AT&T BELL LABORATORIES		SD-5D146-01	
		B4CF	

PRINTED IN U. S. A.

02/12/85

PART OF FS 4 1 INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 5 (CONT) I/O MICROPROCESSOR INTERFACE MESSAGE SWITCH CONTROL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSCU-1	141-000	J50006AB-1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1SR500	I	04-085-022		4/6	P/0GRD0791	SR500	3/2
1SR510	I	04-084-022		4/6	P/0GRD0781	SR510	3/2

SYMBOL NO. 6 I/O MICROPROCESSOR INTERFACE BUS MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPU2-1	158-000	J50006AF-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
SPARE410	I	04-032-020		3/6	P/0GRD0703	SPARE16	
SPARE411	I	04-033-021		3/6	P/0GRD0713	SPARE19	
SPARE412	I	04-030-003		3/6	P/0GRD0700	SPARE01	
SPARE413	I	04-030-004		3/6	P/0GRD0700	SPARE02	
SPARE414	I	04-030-005		3/6	P/0GRD0710	SPARE03	
SPARE415	I	04-031-007		3/6	P/0GRD0710	SPARE08	
SPARE416	I	04-031-008		3/6	P/0GRD0710	SPARE09	
SPARE417	I	04-031-009		3/6	P/0GRD0710	SPARE11	
SPARE418	I	04-031-010		3/6	P/0GRD0710	SPARE11	
SPARE420	I	04-030-009		3/5	P/0GRD0700	SPARE04	
	I	04-030-018		3/5	P/0GRD0701	SPARE12	
	I	04-031-005		3/5	P/0GRD0710	SPARE06	
	I	04-031-023		3/5	P/0GRD0711	SPARE15	
	I	04-033-023		3/5	P/0GRD0713	SPARE20	
	I	04-030-010		3/5	P/0GRD0700	SPARE05	
SPARE430	I	04-030-019		3/5	P/0GRD0701	SPARE13	
	I	04-030-023		3/5	P/0GRD0701	SPARE14	
	I	04-031-006		3/5	P/0GRD0710	SPARE07	
	I	04-032-023		3/5	P/0GRD0703	SPARE18	
	I	04-032-021		3/6	P/0GRD0703	SPARE17	
SPARE482	I	04-122-020		3/6	P/0GRD0783	SPARE36	
SPARE519	I						
SPARE520	I	04-120-009		3/5	P/0GRD0780	SPARE24	
	I	04-120-018		3/5	P/0GRD0781	SPARE32	
	I	04-121-005		3/5	P/0GRD0790	SPARE26	
	I	04-121-023		3/5	P/0GRD0791	SPARE35	
	I	04-123-021		3/5	P/0GRD0793	SPARE39	
	I	04-123-023		3/5	P/0GRD0793	SPARE40	
SPARE521	I	04-120-003		3/6	P/0GRD0780	SPARE21	
SPARE522	I	04-120-004		3/6	P/0GRD0780	SPARE22	
SPARE523	I	04-120-005		3/6	P/0GRD0780	SPARE23	
SPARE524	I	04-121-007		3/6	P/0GRD0790	SPARE28	
SPARE525	I	04-121-008		3/6	P/0GRD0790	SPARE29	
SPARE526	I	04-121-009		3/6	P/0GRD0790	SPARE30	
SPARE527	I	04-121-010		3/6	P/0GRD0790	SPARE31	
SPARE530	I	04-120-010		3/5	P/0GRD0780	SPARE25	
	I	04-120-019		3/5	P/0GRD0781	SPARE33	
	I	04-120-023		3/5	P/0GRD0781	SPARE34	
	I	04-121-006		3/5	P/0GRD0790	SPARE27	
	I	04-122-023		3/5	P/0GRD0783	SPARE38	
SPARE583	I	04-122-021		3/6	P/0GRD0783	SPARE37	
1CINT40	I	04-031-020		4/5	P/0GRD0711	ACMDINT0	1/1
1CINT50	I	04-121-020		4/5	P/0GRD0791	BCMDINT0	3/1
1CLRPC40	I	04-030-020		4/5	P/0GRD0701	ATINTPC0	1/1
1CLRPC50	I	04-120-020		4/5	P/0GRD0781	BINTPC0	3/1
1CSA400	O	04-030-016		4/5	P/0GRD0701	AACSA0	1/1

SYMBOL NO. 6 (CONT) I/O MICROPROCESSOR INTERFACE BUS MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPU2-1	158-000	J50006AF-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1CSA410	O	04-030-017		4/5	P/0GRD0701	ABCSA0	1/5
1CSA500	O	04-120-016		4/5	P/0GRD0781	BACSA0	3/1
1CSA510	O	04-120-017		4/5	P/0GRD0781	BBCSA0	3/5
1DMAD401	I	04-033-016		4/5	P/0GRD0713	ADMADA00	1/1
1DMAD411	I	04-032-016		4/5	P/0GRD0703	ADMADA01	1/1
1DMAD421	I	04-033-017		4/5	P/0GRD0713	ADMADA02	1/1
1DMAD431	I	04-032-017		4/5	P/0GRD0703	ADMADA03	1/1
1DMAD441	I	04-033-018		4/5	P/0GRD0713	ADMADA04	1/1
1DMAD451	I	04-032-018		4/5	P/0GRD0703	ADMADA05	1/1
1DMAD461	I	04-033-019		4/5	P/0GRD0713	ADMADA06	1/1
1DMAD471	I	04-032-019		4/5	P/0GRD0703	ADMADA07	1/1
1DMAD481	I	04-033-020		4/5	P/0GRD0713	ADMADA08	1/1
1DMAD501	I	04-123-016		4/5	P/0GRD0793	ADMADA00	3/1
1DMAD511	I	04-122-016		4/5	P/0GRD0783	ADMADA01	3/1
1DMAD521	I	04-123-017		4/5	P/0GRD0793	ADMADA02	3/1
1DMAD531	I	04-122-017		4/5	P/0GRD0783	ADMADA03	3/1
1DMAD541	I	04-123-018		4/5	P/0GRD0793	ADMADA04	3/1
1DMAD551	I	04-122-018		4/5	P/0GRD0783	ADMADA05	3/1
1DMAD561	I	04-123-019		4/5	P/0GRD0793	ADMADA06	3/1
1DMAD571	I	04-122-019		4/5	P/0GRD0783	ADMADA07	3/1
1DMAD581	I	04-123-020		4/5	P/0GRD0793	ADMADA08	3/1
1DMA0C40	I	04-031-018		4/5	P/0GRD0791	ADMADPC0	1/1
1DMA0C50	I	04-121-018		4/5	P/0GRD0791	ADMADPC0	3/1
1DMARD40	I	04-031-017		4/5	P/0GRD0711	ADMARD0	1/1
1DMARD50	I	04-121-017		4/5	P/0GRD0791	ADMARE00	3/1
1DMARD60	I	04-031-019		4/5	P/0GRD0711	ADMARE00	1/1
1DMARD70	I	04-121-019		4/5	P/0GRD0791	ADMARE00	3/1
1DMAWR40	I	04-031-016		4/5	P/0GRD0711	ADMAWTO	1/1
1DMAWR50	I	04-121-016		4/5	P/0GRD0791	ADMAWTO	3/1
1DMA001	I	04-033-003		4/5	P/0GRD0712	ADMAAD00	1/1
1DMA4011	I	04-032-003		4/5	P/0GRD0702	ADMAAD01	1/1
1DMA4021	I	04-033-004		4/5	P/0GRD0712	ADMAAD02	1/1
1DMA4031	I	04-032-004		4/5	P/0GRD0702	ADMAAD03	1/1
1DMA4041	I	04-033-005		4/5	P/0GRD0712	ADMAAD04	1/1
1DMA4051	I	04-032-005		4/5	P/0GRD0702	ADMAAD05	1/1
1DMA4061	I	04-033-006		4/5	P/0GRD0712	ADMAAD06	1/1
1DMA4071	I	04-032-006		4/5	P/0GRD0702	ADMAAD07	1/1
1DMA4081	I	04-033-007		4/5	P/0GRD0712	ADMAAD08	1/1
1DMA4091	I	04-032-007		4/5	P/0GRD0702	ADMAAD09	1/1
1DMA4101	I	04-033-008		4/5	P/0GRD0712	ADMAAD10	1/1
1DMA4111	I	04-032-008		4/5	P/0GRD0702	ADMAAD11	1/1
1DMA4121	I	04-033-009		4/5	P/0GRD0712	ADMAAD12	1/1
1DMA4131	I	04-032-009		4/5	P/0GRD0702	ADMAAD13	1/1
1DMA4141	I	04-033-010		4/5	P/0GRD0712	ADMAAD14	1/1
1DMA4151	I	04-032-010		4/5	P/0GRD0702	ADMAAD15	1/1
1DMA5001	I	04-123-003		4/5	P/0GRD0792	BDMAAD00	3/1
1DMA5011	I	04-122-003		4/5	P/0GRD0782	BDMAAD01	3/1
1DMA5021	I	04-123-004		4/5	P/0GRD0792	BDMAAD02	3/1
1DMA5031	I	04-122-004		4/5	P/0GRD0782	BDMAAD03	3/1
1DMA5041	I	04-123-005		4/5	P/0GRD0792	BDMAAD04	3/1
1DMA5051	I	04-122-005		4/5	P/0GRD0782	BDMAAD05	3/1
1DMA5061	I	04-123-006		4/5	P/0GRD0792	BDMAAD06	3/1
1DMA5071	I	04-122-006		4/5	P/0GRD0782	BDMAAD07	3/1
1DMA5081	I	04-123-007		4/5	P/0GRD0792	BDMAAD08	3/1
1DMA5091	I	04-122-007		4/5	P/0GRD0782	BDMAAD09	3/1
1DMA5101	I	04-123-008		4/5	P/0GRD0792	BDMAAD10	3/1
1DMA5111	I	04-122-008		4/5	P/0GRD0782	BDMAAD11	3/1
1DMA5121	I	04-123-009		4/5	P/0GRD0792	BDMAAD12	3/1
1DMA5131	I	04-122-009		4/5	P/0GRD0782	BDMAAD13	3/1
1DMA5141	I	04-123-010		4/5	P/0GRD0792	BDMAAD14	3/1

SYMBOL NO. 6 (CONT) I/O MICROPROCESSOR INTERFACE BUS MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPU2-1	158-000	J50006AF-1	B	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1DMA5151	I	04-122-010		4/5	P/0GRD0782	BDMAAD15	3/1
1ER400	O	04-030-007		4/5	P/0GRD0700	AAERRO	1/1
1ER410	O	04-030-008		4/5	P/0GRD0700	ABERRO	1/5
1ER500	O	04-120-007		4/5	P/0GRD0780	BAERRO	3/1
1ER510	O	04-120-008		4/5	P/0GRD0780	BBERRO	3/5
1GRD0280	GRD	04-120-000			P/0GRD0780	GRD04126	3/1
	GRD	04-120-011			P/0GRD0780	GRD04126	3/1
	GRD	04-121-000			P/0GRD0790	GRD04126	3/1
	GRD	04-121-011			P/0GRD0790	GRD04126	3/1
1GRD0281	GRD	04-120-013			P/0GRD0781	GRD04126	3/1
	GRD	04-120-024			P/0GRD0781	GRD04126	3/1
	GRD	04-121-013			P/0GRD0791	GRD04126	3/1
1GRD0282	GRD	04-121-024			P/0GRD0791	GRD04126	3/1
	GRD	04-122-000			P/0GRD0782	GRD04126	3/1
	GRD	04-122-011			P/0GRD0782	GRD04126	3/1
1GRD0283	GRD	04-123-000			P/0GRD0792	GRD04126	3/1
	GRD	04-123-011			P/0GRD0792	GRD04126	3/1
	GRD	04-122-013			P/0GRD0783	GRD04126	3/1
1GRD0530	GRD	04-122-024			P/0GRD0783	GRD04126	3/1
	GRD	04-123-013			P/0GRD0793	GRD04126	3/1
	GRD	04-123-024			P/0GRD0793	GRD04126	3/1
1GRD0531	GRD	04-030-000			P/0GRD0700	GRD04036	
	GRD	04-030-011			P/0GRD0700	GRD04036	
	GRD	04-031-000			P/0GRD0710	GRD04036	
1GRD0532	GRD	04-031-011			P/0GRD0710	GRD04036	
	GRD	04-030-013			P/0GRD0701	GRD04036	
	GRD	04-030-024			P/0GRD0701	GRD04036	
1GRD0533	GRD	04-031-013			P/0GRD0711	GRD04036	
	GRD	04-031-024			P/0GRD0711	GRD04036	
	GRD	04-032-000			P/0GRD0702	GRD04036	
	GRD	04-032-011			P/0GRD0712	GRD04036	
	GRD	04-033-000			P/0GRD0712	GRD04036	
	GRD	04-033-011			P/0GRD0712	GRD04036	
1GRD0534	GRD	04-032-013			P/0GRD0703	GRD04036	
	GRD	04-032-024			P/0GRD0703	GRD04036	
	GRD	04-033-013			P/0GRD0713	GRD04036	
1INT400	O	04-033-024		4/5	P/0GRD0713	GRD04036	1/1
1INT410	O	04-033-022		4/5	P/0GRD0703	ABINTRO	1/5
1INT500	O	04-123-022		4/5	P/0GRD0793	BAINTRO	3/1
1INT510	O	04-122-022		4/5	P/0GRD0783	BBINTRO	3/1
1OOL40	PHR	04-030-006		4/5	P/0GRD0700	A-5PHR01	1/1
1OOL50	PHR	04-120-006		4/5	P/0GRD0780	B-5PHR01	3/1
1PCSL400	I	04-031-003		4/5	P/0GRD0710	ABPCSELO	1/1
1PCSL410	I	04-031-004		4/5	P/0GRD0710	ABPCSELO	1/1
1PCSL500	I	04-121-003		4/5	P/0GRD0790	BAPCSELO	3/1
1PCSL510	I	04-121-004		4/5	P/0GRD0790	BBPCSELO	3/1
1RISL840	I	04-031-021		4/5	P/0GRD0711	ARISLO	1/1
1RISL850	I	04-121-021		4/5	P/0GRD0791	BRISLO	1/1
1RISL840	I	04-030-021		4/5	P/0GRD0701	ASISLO	1/1

PART OF FS 4
1 INPUT/OUTPUT MICROPROCESSOR INTERFACE

SYMBOL NO. 6 (CONT)

I/O MICROPROCESSOR INTERFACE BUS
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU2-1	158-000	JSD006AF-1	B	---

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1S1SL850	1	04-120-021	---	4/5	P/0GRD0781	BSISLO	3/1
1SR400	0	04-031-022	---	4/5	P/0GRD0711	AASR0	1/1
1SR410	0	04-030-022	---	4/5	P/0GRD0701	ABSR0	1/5
1SR500	0	04-121-022	---	4/5	P/0GRD0791	BASR0	3/1
1SR510	0	04-120-022	---	4/5	P/0GRD0781	BBSR0	3/5

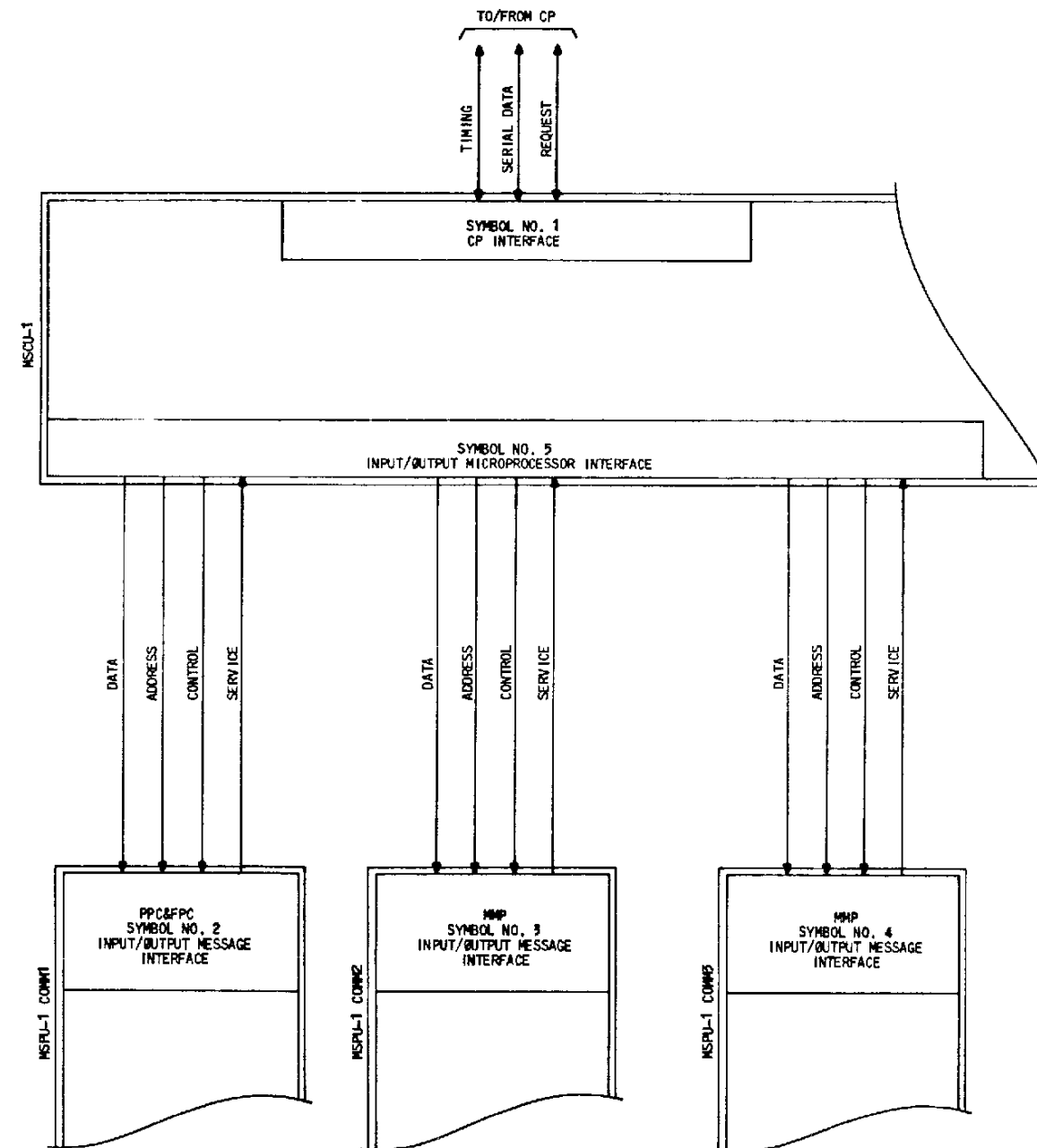
PART OF FS 4
SYMBOL(S) 6

MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		12	58
AT&T BELL LABORATORIES	SD-5D146-01	B4CH	

PRINTED IN U. S. A. 02/12/85

PART OF FS 4

1 INPUT/OUTPUT MICROPROCESSOR INTERFACE COMPOSITE DIAGRAM I



NOTES:

THE INPUT/OUTPUT MICROPROCESSOR INTERFACE (IOMI) FUNCTION PROVIDES THE MESSAGE SWITCH CABINET WITH A MEANS OF ROUTING CONTROL MESSAGES BETWEEN THE CENTRAL PROCESSOR (CP) AND THE INTERFACE MODULE (IM) OR BETWEEN IMS. THE INTELLIGENCE FOR THE IOMI IS PROVIDED BY A 16-BIT PROCESSOR LOCATED IN THE MESSAGE SWITCH CONTROL UNIT (MSCU). FOR GREATER MESSAGE SWITCH RELIABILITY THE CABINET PROVIDES A DUPLICATED IOMI FUNCTION WITH CROSS COUPLING BETWEEN THE CP AND MSCU (NOT SHOWN).

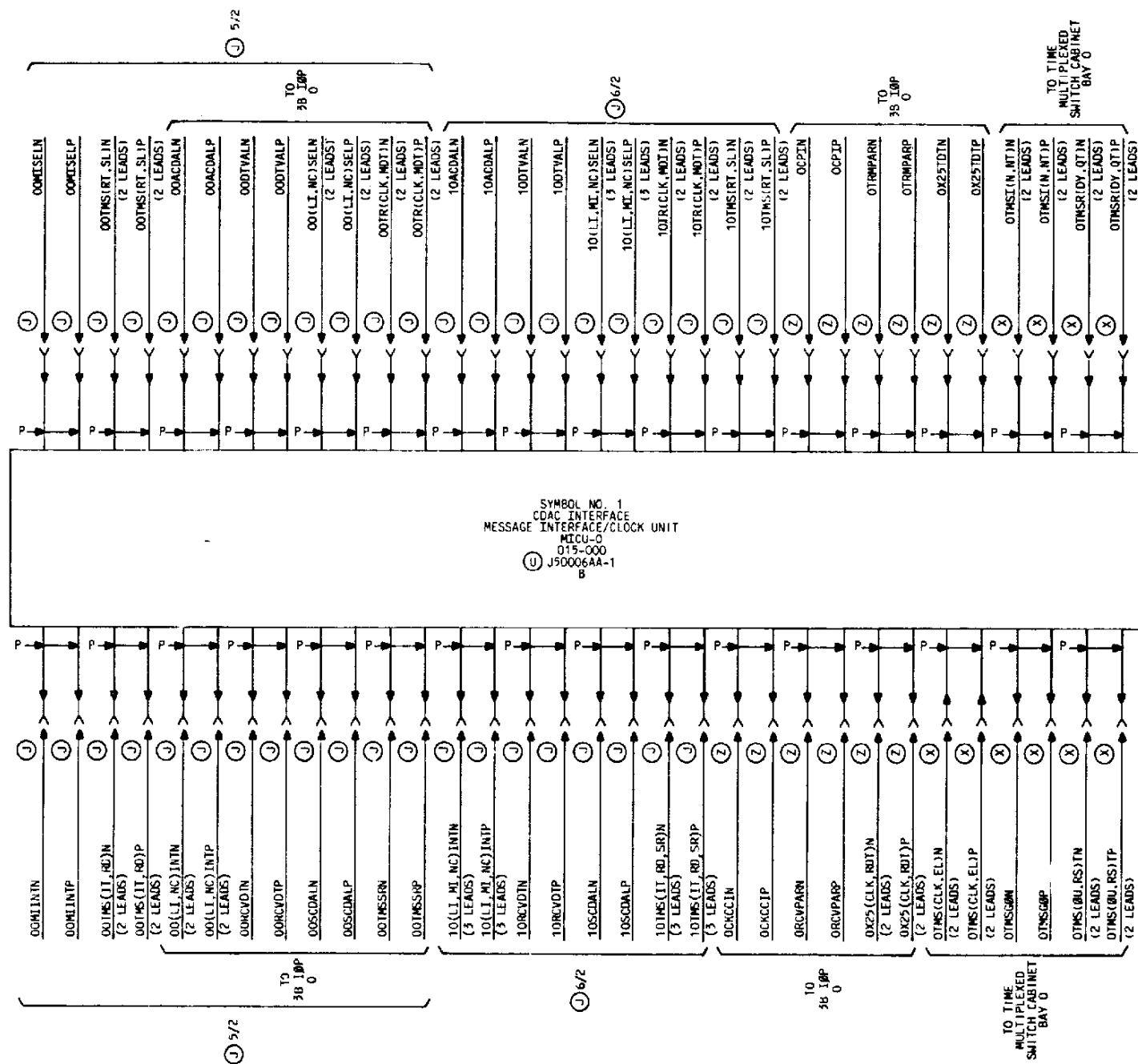
CONTROL MESSAGES ORIGINATING FROM IMS ARE PLACED IN A DUAL ACCESS MEMORY LOCATED ON THE MODULE MESSAGE PROCESSORS (MMPs). A SERVICE REQUEST FLAG IS RAISED FOR THE MSCU TO READ THE DUAL ACCESS MEMORY. THE MSCU RETRIEVES THE MESSAGE FROM THE MMP AND DETERMINES ITS DESTINATION. IF THE CP IS THE DESTINATION THE MSCU PROCESSOR WILL REQUEST A CP MEMORY TRANSFER AND SERIALY TRANSMIT THE MESSAGE. IF THE IM IS THE DESTINATION OF THE MESSAGE THE MSCU PROCESSOR WILL WRITE THE APPROPRIATE MMP DUAL ACCESS MEMORY.

THE PUMP PERIPHERAL CONTROLLER (PPC) AND THE FOUNDATION PERIPHERAL CONTROLLER (FPC) IN THE MSPU COMMUNITY 1 ARE ALSO PART OF THE IOMI FUNCTION HOWEVER NO CONTROL MESSAGES ARE ROUTED TO THEM. ALL MESSAGES TO THE PPC ARE USED SPECIFICALLY FOR PUMPING-UP THE IM MEMORY DURING OFFICE BRING-UP. ALL MESSAGES TO/FROM THE FPC ARE USED FOR CONTROL AND DIAGNOSTIC ACCESS OF THE MESSAGE SWITCH AND CLOCK UNIT (MCU/CU) AND TIME MULTIPLEX SWITCH (TMS).

MESSAGE SWITCH CABINET		
	DWG SIZE 68	ISSUE 2A
AT&T BELL LABORATORIES	SD-50146-01	
		SHEET B40A

PART OF FS 5

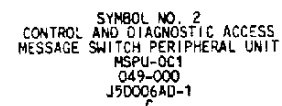
CONTROL & DIAGNOSTIC ACCESS
(P/O INTERCONNECTION & FLOW DIAGRAM)



SYMBOL NO. 1
CDAC INTERFACE
MESSAGE INTERFACE/CLOCK UNIT
MCCU-0
015-000
(U) J50006AA-1
B

MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		00	5B
AT&T BELL LABORATORIES	SD-50146-01	85AA	

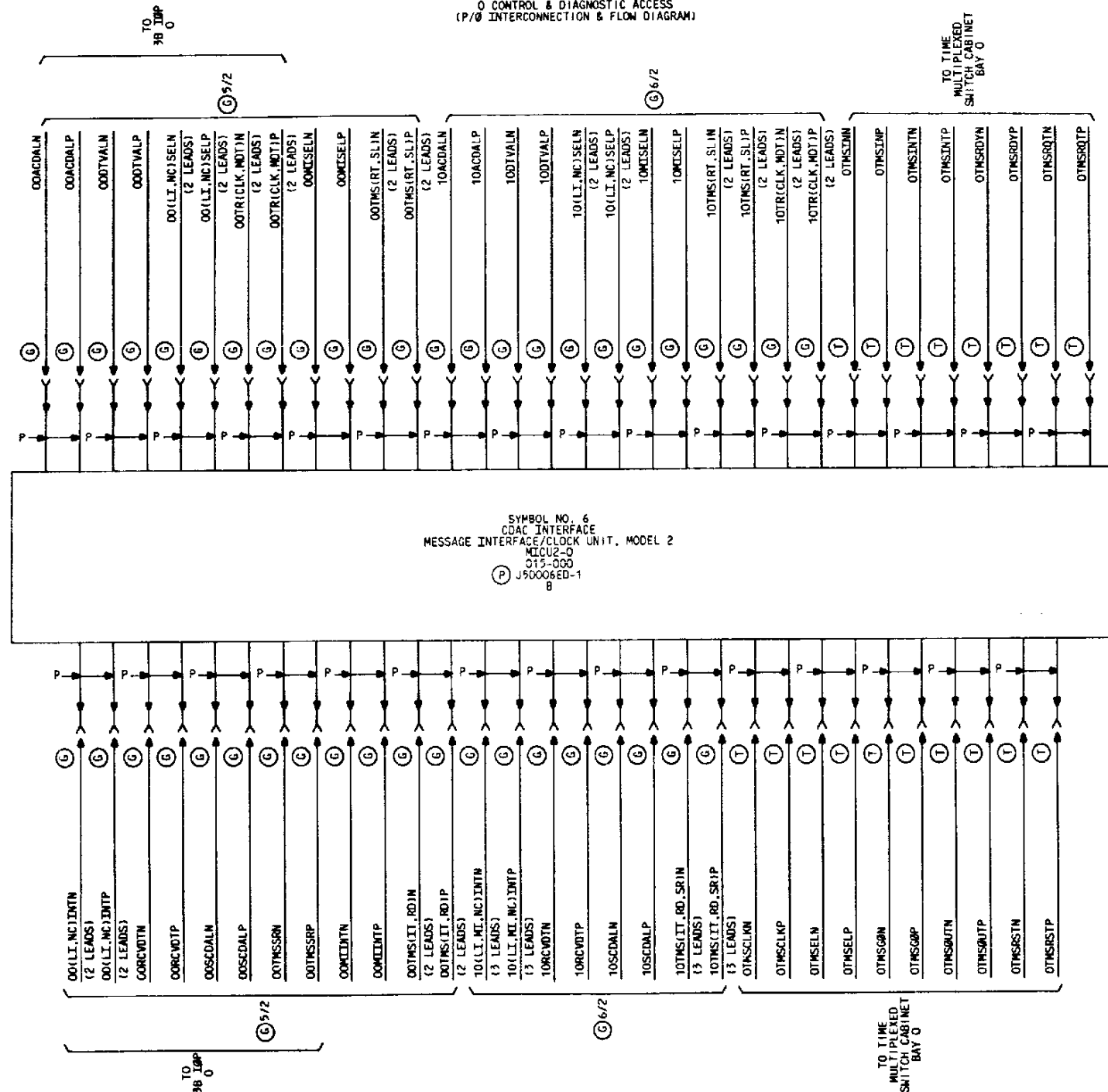
D CONTROL AND DIAGNOSTIC ACCESS (P/O INTERCONNECTION & FLOW DIAGRAM)



85A0

PART OF FS 5

0 CONTROL & DIAGNOSTIC ACCESS
(P/O INTERCONNECTION & FLOW DIAGRAM)



MESSAGE SWITCH CABINET		
AT&T BELL LABORATORIES	DWG SIZE 68	ISSUE 5B
	SD-50146-01	
		SHEET B5AC

PART OF FS 5 D CONTROL & DIAGNOSTIC ACCESS

SYMBOL NO. 1 (CONT) COAC INTERFACE MESSAGE INTERFACE/CLOCK UNIT

SYMBOL NO. 1 COAC INTERFACE MESSAGE INTERFACE/CLOCK UNIT

SYMBOL NO. 1 (CONT) COAC INTERFACE MESSAGE INTERFACE/CLOCK UNIT

DESIG EOPT LOC CODE ELEM IDENT OPT
MICU-0 015-000 J50006AA-1 B (U)

DESIG EOPT LOC CODE ELEM IDENT OPT
MICU-0 015-000 J50006AA-1 B (U)

DESIG EOPT LOC CODE ELEM IDENT OPT
MICU-0 015-000 J50006AA-1 B (U)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OCKCCIN	0	04-106-134	(Z)	TO 3810P 0	P/OCKCCIP	CKCC11	3/1
OCKCCIP	0	04-106-034	(Z)	TO 3810P 0	P/OCKCCIN	CKCC10	3/1
OCPIP	1	04-106-133	(Z)	TO 3810P 0	P/OCPIP	CP11	3/1
ORCVPARP	0	04-106-033	(Z)	TO 3810P 0	P/ORCVPARP	TXP0	3/1
ORCVPARP	0	04-106-036	(Z)	TO 3810P 0	P/ORCVPARP	TXP1	3/1
OTMSCLKN	0	04-098-039	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSCLKP	TMSCLK	3/6
OTMSCLKP	0	04-098-139	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSCLKN	TMSCLKR	3/6
OTMSELN	0	04-098-037	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSELP	TMSSELR	3/6
OTMSELP	0	04-098-137	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSELN	TMSSEL	3/6
OTMSGON	0	04-098-036	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSGOP	TMSGO	3/6
OTMSGOP	0	04-098-136	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSGON	TMSGOR	3/6
OTMSINN	1	04-098-038	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSINP	TMSDINR	3/6
OTMSINP	1	04-098-138	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSINN	TMSDIN	3/6
OTMSINTN	1	04-098-032	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSINTP	TMSINT	3/6
OTMSINTP	1	04-098-132	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSINTN	TMSINTR	3/6
OTMSOUTN	0	04-098-035	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSOUTP	TMSOUTR	3/6
OTMSOUTP	0	04-098-135	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSOUTN	TMSOUT	3/6
OTMSRDYN	1	04-098-033	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSRDYP	TMSRDYR	3/6
OTMSRDYP	1	04-098-133	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSRDYN	TMSRDY	3/6
OTMSRQTN	1	04-098-034	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSRQTP	TMSRQTR	3/6
OTMSRQTP	1	04-098-134	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSRQTN	TMSRQTR	3/6
OTMSRSTN	0	04-098-040	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSRSTP	TMSRSTR	3/6
OTMSRSTP	0	04-098-140	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMSRSTN	TMSRST	3/6

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OTRMPARN	1	04-106-035	(Z)	TO 3810P 0	P/OTRMPARP	RXP0	3/1
OTRMPARP	1	04-106-135	(Z)	TO 3810P 0	P/OTRMPARN	RXP1	3/1
OX25CLKN	0	04-106-139	(Z)	TO 3810P 0	P/OX25CLKP	LIX25CO	3/1
OX25CLKP	0	04-106-039	(Z)	TO 3810P 0	P/OX25CLKN	LIX25COR	3/1
OX25RDTN	0	04-106-138	(Z)	TO 3810P 0	P/OX25RDTP	LIX25X0	3/1
OX25RDTP	0	04-106-038	(Z)	TO 3810P 0	P/OX25RDTN	LIX25XOR	3/1
OX25TDTN	1	04-106-037	(Z)	TO 3810P 0	P/OX25TDTP	LIX25RIR	3/1
OX25TDTP	1	04-106-137	(Z)	TO 3810P 0	P/OX25TDTN	LIX25RVI	3/1
00ACDALN	1	04-098-242	(J)	(J)5/2 TO 3810P 0	P/00ACDALP	OFFPACTR	3/6
00ACDALP	1	04-098-342	(J)	(J)5/2 TO 3810P 0	P/00ACDALN	OFFPACT	3/6
00DTVALN	1	04-098-236	(J)	(J)5/2 TO 3810P 0	P/00DTVALP	VALDATI	3/6
00DTVALP	1	04-098-336	(J)	(J)5/2 TO 3810P 0	P/00DTVALN	VALDATIR	3/6
00LIINTN	0	04-098-240	(J)	(J)5/2 TO 3810P 0	P/00LIINTP	LIINTR	3/6
00LIINTP	0	04-098-340	(J)	(J)5/2 TO 3810P 0	P/00LIINTN	LIINTO	3/6
00LISELN	1	04-098-234	(J)	(J)5/2 TO 3810P 0	P/00LISELP	LISELI	3/6
00LISELP	1	04-098-334	(J)	(J)5/2 TO 3810P 0	P/00LISELN	LISR	3/6
00MIINTN	0	04-098-320	(J)	(J)5/2 TO 3810P 0	P/00MIINTP	MIINT	3/6
00MIINTP	0	04-098-220	(J)	(J)5/2 TO 3810P 0	P/00MIINTN	MIINTR	3/6
00MISELN	1	04-098-322	(J)	(J)5/2 TO 3810P 0	P/00MISELP	MISEL	3/6
00MISELP	1	04-098-222	(J)	(J)5/2 TO 3810P 0	P/00MISELN	MISELR	3/6
00NCINTN	0	04-098-239	(J)	(J)5/2 TO 3810P 0	P/00NCINTP	NCINTR	3/6
00NCINTP	0	04-098-339	(J)	(J)5/2 TO 3810P 0	P/00NCINTN	NCINT	3/6
00NCSELN	1	04-098-233	(J)	(J)5/2 TO 3810P 0	P/00NCSELP	NCSELI	3/6
00NCSELP	1	04-098-333	(J)	(J)5/2 TO 3810P 0	P/00NCSELN	NCSELIR	3/6
00RCVDTN	0	04-098-237	(J)	(J)5/2 TO 3810P 0	P/00RCVDTP	RCVDATOR	3/6
00RCVDTP	0	04-098-337	(J)	(J)5/2 TO 3810P 0	P/00RCVDTN	RCVDATO	3/6
00SCDALN	0	04-098-241	(J)	(J)5/2 TO 3810P 0	P/00SCDALP	OWIACTR	3/6
00SCDALP	0	04-098-341	(J)	(J)5/2 TO 3810P 0	P/00SCDALN	OWIACT	3/6
00TMSITN	0	04-098-321	(J)	(J)5/2 TO 3810P 0	P/00TMSITP	OTMSINT	3/6
00TMSITP	0	04-098-221	(J)	(J)5/2 TO 3810P 0	P/00TMSITN	OTMSINTR	3/6
00TMSRDN	0	04-098-324	(J)	(J)5/2 TO 3810P 0	P/00TMSRDP	OTMSRDY	3/6
00TMSRDP	0	04-098-224	(J)	(J)5/2 TO 3810P 0	P/00TMSRDN	OTMSRDYR	3/6
00TMSRTN	1	04-098-319	(J)	(J)5/2 TO 3810P 0	P/00TMSRTP	OTMSRST	3/6
00TMSRTP	1	04-098-219	(J)	(J)5/2 TO 3810P 0	P/00TMSRTN	OTMSRSTR	3/6
00TMSSLN	1	04-098-323	(J)	(J)5/2 TO 3810P 0	P/00TMSSLP	OTMSSEL	3/6
00TMSSLP	1	04-098-223	(J)	(J)5/2 TO 3810P 0	P/00TMSSLN	OTMSSELR	3/6
00TMSSRN	0	04-098-343	(J)	(J)5/2 TO 3810P 0	P/00TMSSRP	OTMSSRQTR	3/6
00TMSSRP	0	04-098-243	(J)	(J)5/2 TO 3810P 0	P/00TMSSRN	OTMSRQTR	3/6
00TRCLKN	1	04-098-235	(J)	(J)5/2 TO 3810P 0	P/00TRCLKP	TRCLKI	3/6
00TRCLKP	1	04-098-335	(J)	(J)5/2 TO 3810P 0	P/00TRCLKN	TRCLKIR	3/6
00TRMDTN	1	04-098-238	(J)	(J)5/2 TO 3810P 0	P/00TRMDTP	TRMDATIR	3/6
00TRMDTP	1	04-098-338	(J)	(J)5/2 TO 3810P 0	P/00TRMDTN	TRMDATI	3/6

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
10ACDALN	1	04-098-055	(J)	(J)6/2	P/10ACDALP	1FPACTR	3/6
10ACDALP	1	04-098-155	(J)	(J)6/2	P/10ACDALN	1FPACT	3/6
10DTVALN	1	04-098-049	(J)	(J)6/2	P/10DTVALP	1GO	3/6
10DTVALP	1	04-098-149	(J)	(J)6/2	P/10DTVALN	1GOR	3/6
10LIINTN	0	04-098-053	(J)	(J)6/2	P/10LIINTP	1LIINTR	3/6
10LIINTP	0	04-098-153	(J)	(J)6/2	P/10LIINTN	1LIINT	3/6
10LISELN	1	04-098-047	(J)	(J)6/2	P/10LISELP	1LISEL	3/6
10LISELP	1	04-098-147	(J)	(J)6/2	P/10LISELN	1LISELR	3/6
10MIINTN	0	04-098-252	(J)	(J)6/2	P/10MIINTP	1MIINTR	3/6
10MIINTP	0	04-098-152	(J)	(J)6/2	P/10MIINTN	1MIINT	3/6
10MISELN	1	04-098-254	(J)	(J)6/2	P/10MISELP	1MISEL	3/6
10MISELP	1	04-098-154	(J)	(J)6/2	P/10MISELN	1MISELR	3/6
10NCINTN	0	04-098-052	(J)	(J)6/2	P/10NCINTP	1NCINTR	3/6
10NCINTP	0	04-098-152	(J)	(J)6/2	P/10NCINTN	1NCINT	3/6
10NCSELN	1	04-098-046	(J)	(J)6/2	P/10NCSELP	1NCSEL	3/6
10NCSELP	1	04-098-146	(J)	(J)6/2	P/10NCSELN	1NCSELR	3/6
10RCVDTN	0	04-098-050	(J)	(J)6/2	P/10RCVDTP	1DIR	3/6
10RCVDTP	0	04-098-150	(J)	(J)6/2	P/10RCVDTN	1DIR	3/6
10SCDALN	0	04-098-054	(J)	(J)6/2	P/10SCDALP	1WIACTR	3/6
10SCDALP	0	04-098-154	(J)	(J)6/2	P/10SCDALN	1WIACT	3/6
10TMSITN	0	04-098-353	(J)	(J)6/2	P/10TMSITP	1TMSINT	3/6
10TMSITP	0	04-098-253	(J)	(J)6/2	P/10TMSITN	1TMSINTR	3/6
10TMSRDN	0	04-098-356	(J)	(J)6/2	P/10TMSRDP	1TMSRDY	3/6
10TMSRDP	0	04-098-256	(J)	(J)6/2	P/10TMSRDN	1TMSRDYR	3/6
10TMSRTN	1	04-098-351	(J)	(J)6/2	P/10TMSRTP	1TMSRST	3/6
10TMSRTP	1	04-098-251	(J)	(J)6/2	P/10TMSRTN	1TMSRSTR	3/6
10TMSSLN	1	04-098-355	(J)	(J)6/2	P/10TMSSLP	1TMSSEL	3/6
10TMSSLP	1	04-098-255	(J)	(J)6/2	P/10TMSSLN	1TMSSELR	3/6
10TMSSRN	0	04-098-156	(J)	(J)6/2	P/10TMSSRP	1TMSROT	3/6
10TMSSRP	0	04-098-056	(J)	(J)6/2	P/10TMSSRN	1TMSROTR	3/6
10TRCLKN	1	04-098-048	(J)	(J)6/2	P/10TRCLKP	1CLK	3/6
10TRCLKP	1	04-098-148	(J)	(J)6/2	P/10TRCLKN	1CLKR	3/6
10TRMDTN	1	04-098-051	(J)	(J)6/2	P/10TRMDTP	1DOUR	3/6
10TRMDTP	1	04-098-151	(J)	(J)6/2	P/10TRMDTN	1DOUR	3/6

PART OF FS 5
SYMBOL(S) 1

MESSAGE SWITCH CABINET		QWG SIZE CZ	ISSUE 58
AT&T BELL LABORATORIES		SD-50146-01	B5CA

PRINTED IN U. S. A.

02/12/85

PART OF FS 5

CONTROL & DIAGNOSTIC ACCESS

SYMBOL NO. 2 (CONT)

CONTROL AND DIAGNOSTIC ACCESS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU-0C1	049-000	J50006AD-1	C	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
00TRCLKN	0	04-088-416	(G)	(J)5/6	P/00TRCLKP	0TRCLK0	1/7
00TRCLKP	0	04-088-416	(J)	(J)5/1	P/00TRCLKN	0TRCLK0	1/7
00TRCLKP	0	04-088-516	(J)	(J)5/1	P/00TRCLKN	0TRCLK1	1/7
00TRMDTN	0	04-088-516	(G)	(G)5/6	P/00TRCLKN	0TRMDAT0	1/7
00TRMDTN	0	04-088-419	(G)	(G)5/6	P/00TRMDTP	0TRMDAT0	1/7
00TRMDTN	0	04-088-419	(J)	(J)5/1	P/00TRMDTP	0TRMDAT1	1/7
01ACDALN	0	04-088-519	(J)	(J)5/1	P/00TRMDTN	0TRMDAT1	1/7
01ACDALN	0	04-088-455	(G)	(G)6/6	P/01ACDALP	1ACCDALR	1/7
01ACDALP	0	04-088-455	(J)	(J)6/1	P/01ACDALN	1ACCDALR	1/7
01ACDALP	0	04-088-555	(G)	(G)6/6	P/01ACDALN	1ACCDALR	1/7
01DTVALN	0	04-088-449	(G)	(G)6/6	P/01DTVALP	1DATVAL0	1/7
01DTVALP	0	04-088-449	(J)	(J)6/1	P/01DTVALN	1DATVAL0	1/7
01DTVALP	0	04-088-549	(J)	(J)6/1	P/01DTVALN	1DATVAL1	1/7
01LIINTN	0	04-088-549	(G)	(G)6/6	P/01LIINTP	1LIINT11	1/7
01LIINTN	1	04-088-453	(J)	(J)6/1	P/01LIINTP	1LIINT11	1/7
01LIINTP	1	04-088-553	(J)	(J)6/1	P/01LIINTN	1LIINT10	1/7
01LIINTP	1	04-088-553	(G)	(G)6/6	P/01LIINTN	1LIINT10	1/7
01LISELN	0	04-088-447	(G)	(G)6/6	P/01LISELP	1LISEL0	1/7
01LISELP	0	04-088-447	(J)	(J)6/1	P/01LISELN	1LISEL1	1/7
01LISELP	0	04-088-547	(G)	(G)6/6	P/01LISELN	1LISEL1	1/7
01MIINTN	1	04-088-539	(J)	(J)6/1	P/01MIINTP	1MIINT10	1/7
01MIINTP	1	04-088-539	(G)	(J)6/1	P/01MIINTN	1MIINT10	1/7
01MIINTP	1	04-088-439	(J)	(J)6/1	P/01MIINTN	1MIINT11	1/7
01MISELN	0	04-088-439	(G)	(G)6/6	P/01MISELP	1MISEL0	1/7
01MISELP	0	04-088-541	(G)	(G)6/6	P/01MISELN	1MISEL0	1/7
01MISELP	0	04-088-541	(J)	(J)6/1	P/01MISELN	1MISEL1	1/7
01NCINTN	0	04-088-441	(J)	(J)6/1	P/01NCINTP	1NCKIT11	1/7
01NCINTP	0	04-088-441	(G)	(G)6/6	P/01NCINTN	1NCKIT11	1/7
01NCINTP	1	04-088-452	(J)	(J)6/1	P/01NCINTN	1NCKIT10	1/7
01NCINTP	1	04-088-552	(J)	(J)6/1	P/01NCINTN	1NCKIT10	1/7
01NCINTP	1	04-088-552	(G)	(G)6/6	P/01NCINTN	1NCKIT10	1/7
01NCSELN	0	04-088-446	(G)	(G)6/6	P/01NCSELP	1NCKSELO	1/7
01NCSELP	0	04-088-446	(J)	(J)6/1	P/01NCSELP	1NCKSELO	1/7
01NCSELP	0	04-088-546	(J)	(J)6/1	P/01NCSELP	1NCKSELO	1/7
01RCVDTN	0	04-088-546	(G)	(G)6/6	P/01RCVDTN	1RCVDAT0	1/7
01RCVDTN	1	04-088-450	(G)	(G)6/6	P/01RCVDTN	1RCVDAT0	1/7
01RCVDTN	1	04-088-450	(J)	(J)6/1	P/01RCVDTN	1RCVDAT1	1/7
01RCVDTN	1	04-088-550	(J)	(J)6/1	P/01RCVDTN	1RCVDAT1	1/7
01RCVDTN	1	04-088-550	(G)	(G)6/6	P/01RCVDTN	1RCVDAT1	1/7
01SCDALN	1	04-088-454	(J)	(J)6/1	P/01SCDALP	1SACDALR	1/7
01SCDALP	1	04-088-554	(J)	(J)6/1	P/01SCDALN	1SACDALR	1/7
01SCDALP	1	04-088-554	(G)	(G)6/6	P/01SCDALN	1SACDALR	1/7
01THSITN	1	04-088-540	(J)	(J)6/1	P/01THSITP	1THSIT10	1/7
01THSITP	1	04-088-540	(G)	(G)6/6	P/01THSITN	1THSIT10	1/7
01THSITP	1	04-088-440	(G)	(G)6/6	P/01THSITN	1THSIT11	1/7
01THSRDN	1	04-088-440	(J)	(J)6/1	P/01THSRDP	1THSRDY1	1/7
01THSRDN	1	04-088-543	(J)	(J)6/1	P/01THSRDP	1THSRDY1	1/7
01THSRDN	1	04-088-543	(G)	(G)6/6	P/01THSRDP	1THSRDY1	1/7
01THSRDP	1	04-088-443	(G)	(G)6/6	P/01THSRDN	1THSRDY0	1/7
01THSRDP	1	04-088-443	(J)	(J)6/1	P/01THSRDN	1THSRDY0	1/7
01THSRDP	1	04-088-538	(J)	(J)6/1	P/01THSRDP	1THSRDY0	1/7
01THSRTP	0	04-088-538	(G)	(G)6/6	P/01THSRTP	1THSRST0	1/7
01THSRTP	0	04-088-438	(G)	(G)6/6	P/01THSRTP	1THSRST1	1/7
01THSRTP	0	04-088-438	(J)	(J)6/1	P/01THSRTP	1THSRST1	1/7

SYMBOL NO. 2 (CONT)

CONTROL AND DIAGNOSTIC ACCESS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU-0C1	049-000	J50006AD-1	C	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
01THSSLN	0	04-088-542	(J)	(J)6/1	P/01THSSLP	1THSSELO	1/7
01THSSLP	0	04-088-542	(G)	(G)6/6	P/01THSSLN	1THSSELO	1/7
01THSSLP	0	04-088-442	(G)	(G)6/6	P/01THSSLN	1THSSEL1	1/7
01THSSRN	0	04-088-442	(J)	(J)6/1	P/01THSSRN	1THSSRO	1/7
01THSSRN	1	04-088-556	(J)	(J)6/1	P/01THSSRN	1THSSRO	1/7
01THSSRN	1	04-088-556	(G)	(G)6/6	P/01THSSRN	1THSSRO	1/7
01THSSRP	0	04-088-456	(G)	(G)6/6	P/01THSSRN	1THSSR1	1/7
01THSSRP	1	04-088-456	(J)	(J)6/1	P/01THSSRN	1THSSR1	1/7
01THSSRP	1	04-088-448	(J)	(J)6/1	P/01THSSRN	1THSSR1	1/7
01TRCLKN	0	04-088-448	(G)	(G)6/6	P/01TRCLKP	1TRCLK0	1/7
01TRCLKP	0	04-088-548	(G)	(G)6/6	P/01TRCLKN	1TRCLK1	1/7
01TRCLKP	0	04-088-548	(J)	(J)6/1	P/01TRCLKN	1TRCLK1	1/7
01TRMDTN	0	04-088-451	(J)	(J)6/1	P/01TRMDTP	1TRMDAT0	1/7
01TRMDTP	0	04-088-451	(G)	(G)6/6	P/01TRMDTN	1TRMDAT0	1/7
01TRMDTP	0	04-088-551	(G)	(G)6/6	P/01TRMDTN	1TRMDAT1	1/7
01TRMDTP	0	04-088-551	(J)	(J)6/1	P/01TRMDTN	1TRMDAT1	1/7

SYMBOL NO. 3

MESSAGE LINK
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
MSPU-0C2	024-000	J50006AD-1	C	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-088-414				0NCKSELO	1/7
	0	04-088-415				0LISELO	1/7
	0	04-088-416				0TRCLK0	1/7
	0	04-088-417				0DATVAL0	1/7
	0	04-088-419				0TRMDAT0	1/7
	0	04-088-423				0ACCDALR	1/7
	0	04-088-432				0THSRST1	1/7
	0	04-088-435				0MISEL1	1/7
	0	04-088-436				0THSSEL1	1/7
	0	04-088-438				1THSRST1	1/7
	0	04-088-441				1MISEL1	1/7
	0	04-088-442				1THSSEL1	1/7
	0	04-088-446				1NCKSELO	1/7
	0	04-088-447				1LISELO	1/7
	0	04-088-448				1TRCLK0	1/7
	0	04-088-449				1DATVAL0	1/7
	0	04-088-451				1TRMDAT0	1/7
	0	04-088-455				1ACCDALR	1/7
	0	04-088-514				0NCKSEL1	1/7
	0	04-088-515				0LISEL1	1/7

PART OF FS 5
SYMBOL(S) 2 3

MESSAGE SWITCH CABINET

DWG SIZE
2ISSUE
5BAT&T
BELL LABORATORIES

SD-5D146-01

PRINTED IN U. S. A.

02/12/85

PART OF FS 5 0 CONTROL & DIAGNOSTIC ACCESS

SYMBOL NO. 3 (CONT)

MESSAGE LINK
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EQPT	CODE	ELEM	OPT
MSPU-0C2	024-000	J5D006AD-1	C	

LEAD DESIG	FUNC	TERM.	TERM. MOD	DESTINATION	NOTE	TERM. MOD	LOC
	0	04-088-516				0TRCLK1	1/7
	0	04-088-517				0DATVAL1	1/7
	0	04-088-519				0TRMDAT1	1/7
	0	04-088-523				0ACTCDAL	1/7
	0	04-088-532				0TMSRST0	1/7
	0	04-088-535				0MISELO	1/7
	0	04-088-536				0TMSSELO	1/7
	0	04-088-538				1TMSRST0	1/7
	0	04-088-541				1MISELO	1/7
	0	04-088-542				1TMSSELO	1/7
	0	04-088-546				1NCKSEL1	1/7
	0	04-088-547				1LISELO	1/7
	0	04-088-548				1TRCLK1	1/7
	0	04-088-549				1DATVAL1	1/7
	0	04-088-551				1TRMDAT1	1/7
	0	04-088-555				1ACTCDAL	1/7
	1	04-088-418				0RCVDAT0	1/7
	1	04-088-420				0NCKIT11	1/7
	1	04-088-421				0LIINT11	1/7
	1	04-088-422				0SACDALR	1/7
	1	04-088-424				0TMSRST1	1/7
	1	04-088-433				0MIINT11	1/7
	1	04-088-434				0TMSIT11	1/7
	1	04-088-437				0TMSRDY0	1/7
	1	04-088-439				1MIINT11	1/7
	1	04-088-440				1TMSIT11	1/7
	1	04-088-443				1TMSRDY0	1/7
	1	04-088-450				1RCVDAT0	1/7
	1	04-088-452				1NCKIT11	1/7
	1	04-088-453				1LIINT11	1/7
	1	04-088-454				1SACDALR	1/7
	1	04-088-456				1TMSRST1	1/7
	1	04-088-518				0RCVDAT1	1/7
	1	04-088-520				0NCKIT10	1/7
	1	04-088-521				0LIINT10	1/7
	1	04-088-522				0STACDAL	1/7
	1	04-088-524				0TMSRST0	1/7
	1	04-088-533				0MIINT10	1/7
	1	04-088-534				0TMSIT10	1/7
	1	04-088-537				0TMSRDY1	1/7
	1	04-088-539				1MIINT10	1/7
	1	04-088-540				1TMSIT10	1/7
	1	04-088-543				1TMSRDY1	1/7
	1	04-088-550				1RCVDAT1	1/7
	1	04-088-552				1NCKIT10	1/7
	1	04-088-553				1LIINT10	1/7
	1	04-088-554				1STACDAL	1/7
	1	04-088-556				1TMSRST0	1/7

SYMBOL NO. 4

MESSAGE LINK
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EQPT	CODE	ELEM	OPT
MSPU-0C3	032-000	J5D006AD-1	C	

LEAD DESIG	FUNC	TERM.	TERM. MOD	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-088-414				0NCKSELO	1/7
	0	04-088-415				0LISELO	1/7
	0	04-088-416				0TRCLK0	1/7
	0	04-088-417				0DATVAL0	1/7
	0	04-088-419				0TRMDAT0	1/7
	0	04-088-423				0ACTCDALR	1/7
	0	04-088-432				0TMSRST1	1/7
	0	04-088-435				0MISELO	1/7
	0	04-088-436				0TMSSELO	1/7
	0	04-088-438				1TMSRST1	1/7
	0	04-088-441				1MISELO	1/7
	0	04-088-442				1TMSSELO	1/7
	0	04-088-446				1NCKSELO	1/7
	0	04-088-447				1LISELO	1/7
	0	04-088-448				1TRCLK0	1/7
	0	04-088-449				1DATVAL0	1/7
	0	04-088-451				1TRMDAT0	1/7
	0	04-088-455				1ACTCDALR	1/7
	0	04-088-514				0NCKSEL1	1/7
	0	04-088-515				0LISELO	1/7
	0	04-088-516				0TRCLK1	1/7
	0	04-088-517				0DATVAL1	1/7
	0	04-088-519				0TRMDAT1	1/7
	0	04-088-523				0ACTCDAL	1/7
	0	04-088-532				0TMSRST0	1/7
	0	04-088-535				0MISELO	1/7
	0	04-088-536				0TMSSELO	1/7
	0	04-088-538				1TMSRST0	1/7
	0	04-088-541				1MISELO	1/7
	0	04-088-542				1TMSSELO	1/7
	0	04-088-546				1NCKSEL1	1/7
	0	04-088-547				1LISELO	1/7
	0	04-088-548				1TRCLK1	1/7
	0	04-088-549				1DATVAL1	1/7
	0	04-088-551				1TRMDAT1	1/7
	0	04-088-555				1ACTCDAL	1/7
	1	04-088-418				0RCVDAT0	1/7
	1	04-088-420				0NCKIT11	1/7
	1	04-088-421				0LIINT11	1/7
	1	04-088-422				0SACDALR	1/7
	1	04-088-424				0TMSRST1	1/7
	1	04-088-433				0MIINT11	1/7
	1	04-088-434				0TMSIT11	1/7
	1	04-088-437				0TMSRDY0	1/7
	1	04-088-439				1MIINT11	1/7
	1	04-088-440				1TMSIT11	1/7
	1	04-088-443				1TMSRDY0	1/7
	1	04-088-450				1RCVDAT0	1/7
	1	04-088-452				1NCKIT11	1/7
	1	04-088-453				1LIINT11	1/7
	1	04-088-454				1SACDALR	1/7
	1	04-088-456				1TMSRST1	1/7
	1	04-088-518				0RCVDAT1	1/7
	1	04-088-520				0NCKIT10	1/7
	1	04-088-521				0LIINT10	1/7
	1	04-088-522				0STACDAL	1/7
	1	04-088-524				0TMSRST0	1/7
	1	04-088-533				0MIINT10	1/7
	1	04-088-534				0TMSIT10	1/7
	1	04-088-537				0TMSRDY1	1/7

SYMBOL NO. 4 (CONT)

MESSAGE LINK
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EQPT	CODE	ELEM	OPT
MSPU-0C3	032-000	J5D006AD-1	C	

LEAD DESIG	FUNC	TERM.	TERM. MOD	DESTINATION	NOTE	TERM. MOD	LOC
	1	04-088-539				1MIINT10	1/7
	1	04-088-540				1TMSIT10	1/7
	1	04-088-543				1TMSRDY1	1/7
	1	04-088-550				1RCVDAT1	1/7
	1	04-088-552				1NCKIT10	1/7
	1	04-088-553				1LIINT10	1/7
	1	04-088-554				1STACDAL	1/7
	1	04-088-556				1TMSRST0	1/7

SYMBOL NO. 5

CONTROL AND DIAGNOSTIC ACCESS
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EQPT	CODE	ELEM	OPT
MSPU2-0	058-000	J5D006AF-1	C	

LEAD DESIG	FUNC	TERM.	TERM. MOD	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-070-414				0NCKSELO	1/7
	0	04-070-415				0LISELO	1/7
	0	04-070-416				0TRCLK0	1/7
	0	04-070-417				0DATVAL0	1/7
	0	04-070-419				0TRMDAT0	1/7
	0	04-070-423				0ACTCDALR	1/7
	0	04-070-432				0TMSRST1	1/7
	0	04-070-435				0MISELO	1/7
	0	04-070-436				0TMSSELO	1/7
	0	04-070-438				1TMSRST1	1/7
	0	04-070-441				1MISELO	1/7
	0	04-070-442				1TMSSELO	1/7
	0	04-070-446				1NCKSELO	1/7
	0	04-070-447				1LISELO	1/7
	0	04-070-448				1TRCLK0	1/7
	0	04-070-449				1DATVAL0	1/7
	0	04-070-451				1TRMDAT0	1/7
	0	04-070-455				1ACTCDALR	1/7
	0	04-070-514				0NCKSEL1	1/7
	0	04-070-515				0LISELO	1/7
	0	04-070-516				0TRCLK1	1/7
	0	04-070-517				0DATVAL1	1/7
	0	04-070-519				0TRMDAT1	1/7
	0	04-070-523				0ACTCDAL	1/7
	0	04-070-532				0TMSRST0	1/7
	0	04-070-535				0MISELO	1/7
	0	04-070-536				0TMSSELO	1/7
	0	04-070-538				1TMSRST0	1/7

PART OF FS 5
SYMBOL(S) 3 4 5

MESSAGE SWITCH CABINET		DWG SIZE C	ISSUE 5B
AT&T BELL LABORATORIES		SD-5D146-01	
		B5CC	

PART OF FS 5
0 CONTROL & DIAGNOSTIC ACCESS

SYMBOL NO. 5 (CONT)

CONTROL AND DIAGNOSTIC ACCESS
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EDPT LOC	CODE	ELEM IDENT	OPT
MSPU2-0	058-000	J5D006AF-1	C	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	0	04-070-541				1MISELO	1/7
	0	04-070-542				1TMSSELO	1/7
	0	04-070-546				1NCKSEL1	1/7
	0	04-070-547				1LISEL1	1/7
	0	04-070-548				1TRCLK1	1/7
	0	04-070-549				1DATVAL1	1/7
	0	04-070-551				1TRMDAT1	1/7
	0	04-070-553				1ACTCDAL	1/7
	1	04-070-418				0RCVDAT0	1/7
	1	04-070-420				0NCKIT11	1/7
	1	04-070-421				0LIINT11	1/7
	1	04-070-422				0SACDALR	1/7
	1	04-070-424				0TMSR1	1/7
	1	04-070-433				0MIINT11	1/7
	1	04-070-434				0TMSIT11	1/7
	1	04-070-437				0TMSROYD	1/7
	1	04-070-439				1MIINT11	1/7
	1	04-070-440				1TMSIT11	1/7
	1	04-070-443				1TMSROYD	1/7
	1	04-070-450				1RCVDAT0	1/7
	1	04-070-452				1NCKIT11	1/7
	1	04-070-453				1LIINT11	1/7
	1	04-070-454				1SACDALR	1/7
	1	04-070-456				1TMSR1	1/7
	1	04-070-518				0RCVDAT1	1/7
	1	04-070-520				0NCKIT10	1/7
	1	04-070-521				0LIINT10	1/7
	1	04-070-522				0STACDAL	1/7
	1	04-070-524				0TMSR0	1/7
	1	04-070-533				0MIINT10	1/7
	1	04-070-534				0TMSIT10	1/7
	1	04-070-537				0TMSRDY1	1/7
	1	04-070-539				1MIINT10	1/7
	1	04-070-540				1TMSIT10	1/7
	1	04-070-543				1TMSRDY1	1/7
	1	04-070-550				1RCVDAT1	1/7
	1	04-070-552				1NCKIT10	1/7
	1	04-070-553				1LIINT10	1/7
	1	04-070-554				1STACDAL	1/7
	1	04-070-556				1TMSR0	1/7

SYMBOL NO. 6

CDAC INTERFACE
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EDPT LOC	CODE	ELEM IDENT	OPT
MICUZ-0	015-000	J5D006ED-1	B	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0TMSCLKN	0	04-092-039	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSCLKP	TMSCLK	3/5
0TMSCLKP	0	04-092-139	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSCLKN	TMSCLKR	3/5
0TMSSELN	0	04-092-037	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSSELP	TMSSELR	3/5
0TMSSELP	0	04-092-137	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSSELN	TMSSEL	3/5
0TMSGON	0	04-092-036	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSGOP	TMSGO	3/5
0TMSGOP	0	04-092-136	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSGON	TMSGOR	3/5
0TMSINN	1	04-092-038	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSINP	TMSDINR	3/5
0TMSINP	1	04-092-138	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSINN	TMSDIN	3/5
0TMSINTN	1	04-092-032	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSINTP	TMSINT	3/5
0TMSINTP	1	04-092-132	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSINTN	TMSINTR	3/5
0TMSOUTN	0	04-092-035	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSOUTP	TMSDOUTR	3/5
0TMSOUTP	0	04-092-135	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSOUTN	TMSDOUT	3/5
0TMSRCYN	1	04-092-033	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSRDYP	TMSROYR	3/5
0TMSRDYP	1	04-092-133	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSRDYN	TMSRDY	3/5
0TMSRQTN	1	04-092-034	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSRQTP	TMSRQTR	3/5
0TMSRQTP	1	04-092-134	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSRQTN	TMSRQTR	3/5
0TMSRSTN	0	04-092-040	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSRSTP	TMSRSTR	3/5
0TMSRSTP	0	04-092-140	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/0TMSRSTN	TMSRST	3/5

SYMBOL NO. 6 (CONT)

CDAC INTERFACE
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EDPT LOC	CODE	ELEM IDENT	OPT
MICUZ-0	015-000	J5D006ED-1	B	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
00ACDALN	1	04-092-242	(G)	(G)5/2 TO 3810P 0	P/00ACDALP	OFFPACTR	3/5
00ACDALP	1	04-092-342	(G)	(G)5/2 TO 3810P 0	P/00ACDALN	OFFPACT	3/5
00DTVALN	1	04-092-236	(G)	(G)5/2 TO 3810P 0	P/00DTVALP	VALDATI	3/1
00DTVALP	1	04-092-336	(G)	(G)5/2 TO 3810P 0	P/00DTVALN	VALDATIR	3/1
00LIINTN	0	04-092-240	(G)	(G)5/2 TO 3810P 0	P/00LIINTP	LIINTR	3/1
00LIINTP	0	04-092-340	(G)	(G)5/2 TO 3810P 0	P/00LIINTN	LIINTO	3/1
00LISELN	1	04-092-234	(G)	(G)5/2 TO 3810P 0	P/00LISELP	LISELI	3/1
00LISELP	1	04-092-334	(G)	(G)5/2 TO 3810P 0	P/00LISELN	LISR	3/1
00MIINTN	0	04-092-320	(G)	(G)5/2	P/00MIINTP	MIINT	3/5
00MIINTP	0	04-092-220	(G)	(G)5/2	P/00MIINTN	MIINTR	3/5
00MISELN	1	04-092-322	(G)	(G)5/2	P/00MISELP	MISELI	3/5
00MISELP	1	04-092-222	(G)	(G)5/2	P/00MISELN	MISELR	3/5
00NCINTN	0	04-092-239	(G)	(G)5/2 TO 3810P 0	P/00NCINTP	NCINTR	3/1
00NCINTP	0	04-092-339	(G)	(G)5/2 TO 3810P 0	P/00NCINTN	NCINT	3/1
00NCSELN	1	04-092-233	(G)	(G)5/2 TO 3810P 0	P/00NCSELP	NCSELI	3/1
00NCSELP	1	04-092-333	(G)	(G)5/2 TO 3810P 0	P/00NCSELN	NCSELR	3/1
00RCVDTN	0	04-092-237	(G)	(G)5/2 TO 3810P 0	P/00RCVDTP	RCVDATOR	3/1
00RCVDTP	0	04-092-337	(G)	(G)5/2 TO 3810P 0	P/00RCVDTN	RCVDATO	3/1
00SCDALN	0	04-092-241	(G)	(G)5/2 TO 3810P 0	P/00SCDALP	OWIACTR	3/5
00SCDALP	0	04-092-341	(G)	(G)5/2 TO 3810P 0	P/00SCDALN	OWIACT	3/5
00TMSITN	0	04-092-321	(G)	(G)5/2	P/00TMSITP	OTMSINT	3/5
00TMSITP	0	04-092-221	(G)	(G)5/2	P/00TMSITN	OTMSINTR	3/5
00TMSRDN	0	04-092-324	(G)	(G)5/2	P/00TMSRDP	OTMSRDY	3/5
00TMSRDP	0	04-092-224	(G)	(G)5/2	P/00TMSRDN	OTMSRDYR	3/5
00TMSRTN	1	04-092-319	(G)	(G)5/2	P/00TMSRTP	OTMSRST	3/5
00TMSRTP	1	04-092-219	(G)	(G)5/2	P/00TMSRTN	OTMSRSTR	3/5
00TMSSELN	1	04-092-323	(G)	(G)5/2	P/00TMSSELP	OTMSSEL	3/5
00TMSSLP	1	04-092-223	(G)	(G)5/2	P/00TMSSELN	OTMSSELR	3/5
00TMSSRN	0	04-092-343	(G)	(G)5/2 TO 3810P 0	P/00TMSSRP	OTMSROT	3/5
00TMSSRP	0	04-092-243	(G)	(G)5/2 TO 3810P 0	P/00TMSSRN	OTMSROTR	3/5
00TRCLKN	1	04-092-235	(G)	(G)5/2 TO 3810P 0	P/00TRCLKP	TRCLKI	3/1
00TRCLKP	1	04-092-335	(G)	(G)5/2 TO 3810P 0	P/00TRCLKN	TRCLKIR	3/1
00TRMDTN	1	04-092-238	(G)	(G)5/2 TO 3810P 0	P/00TRMDTP	TRMDATIR	3/1
00TRMDTP	1	04-092-338	(G)	(G)5/2	P/00TRMDTN	TRMDATI	3/1

PART OF FS 5
SYMBOL(S) 5 6

MESSAGE SWITCH CABINET		DWG SIZE C	ISSUE 5B
AT&T BELL LABORATORIES		SD-50146-01	
		B5CD	

PRINTED IN U. S. A.

02/12/85

PART OF FS 5
0 CONTROL & DIAGNOSTIC ACCESS

SYMBOL NO. 6 (CONT)

CCAC INTERFACE
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EDPT LOC	CODE	ELEM IDENT	OPT
MICUZ-0	015-000	J50006ED-1	B	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
10ACDALN	1	04-092-055	(G)	TO 3810P 0	P/10ACDALP	1FPCACTR	3/5
10ACDALP	1	04-092-155	(G)	(G)6/2	P/10ACDALN	1FPCACT	3/5
10DTVALN	1	04-092-049	(G)	(G)6/2	P/10DTVALP	1GQ	3/5
10DTVALP	1	04-092-149	(G)	(G)6/2	P/10DTVALN	1GOR	3/5
10LIINTN	0	04-092-053	(G)	(G)6/2	P/10LIINTP	1LIINT	3/5
10LIINTP	0	04-092-153	(G)	(G)6/2	P/10LIINTN	1LIINT	3/5
10LISELN	1	04-092-047	(G)	(G)6/2	P/10LISELP	1LISEL	3/5
10LISELP	1	04-092-147	(G)	(G)6/2	P/10LISELN	1LISEL	3/5
10MIINTN	0	04-092-352	(G)	(G)6/2	P/10MIINTP	1MIINT	3/5
10MIINTP	0	04-092-252	(G)	(G)6/2	P/10MIINTN	1MIINT	3/5
10MISELN	1	04-092-354	(G)	(G)6/2	P/10MISELP	1MISEL	3/5
10MISELP	1	04-092-254	(G)	(G)6/2	P/10MISELN	1MISEL	3/5
10NCINTN	0	04-092-052	(G)	(G)6/2	P/10NCINTP	1NCINT	3/5
10NCINTP	0	04-092-152	(G)	(G)6/2	P/10NCINTN	1NCINT	3/5
10NCSELN	1	04-092-046	(G)	(G)6/2	P/10NCSELP	1NCSEL	3/5
10NCSELP	1	04-092-146	(G)	(G)6/2	P/10NCSELN	1NCSEL	3/5
10RCVDTN	0	04-092-050	(G)	(G)6/2	P/10RCVDTP	1DIN	3/5
10RCVDTP	0	04-092-150	(G)	(G)6/2	P/10RCVDTN	1DIN	3/5
10SCDALN	0	04-092-054	(G)	(G)6/2	P/10SCDALP	1WIACTR	3/5
10SCDALP	0	04-092-154	(G)	(G)6/2	P/10SCDALN	1WIACT	3/5
10TMSITN	0	04-092-353	(G)	(G)6/2	P/10TMSITP	1TMSINT	3/5
10TMSITP	0	04-092-253	(G)	(G)6/2	P/10TMSITN	1TMSINT	3/5
10TMSRDN	0	04-092-356	(G)	(G)6/2	P/10TMSRDP	1TMSRDY	3/5
10TMSRDP	0	04-092-256	(G)	(G)6/2	P/10TMSRDN	1TMSRDY	3/5
10TMSRTN	1	04-092-351	(G)	(G)6/2	P/10TMSRTP	1TMSRST	3/5
10TMSRTP	1	04-092-251	(G)	(G)6/2	P/10TMSRTN	1TMSRSTR	3/5
10TMSSLN	1	04-092-355	(G)	(G)6/2	P/10TMSSLP	1TMSEL	3/5
10TMSSLP	1	04-092-255	(G)	(G)6/2	P/10TMSSLN	1TMSEL	3/5
10TMSSRN	0	04-092-156	(G)	(G)6/2	P/10TMSSRP	1TMSELT	3/5
10TMSSRP	0	04-092-056	(G)	(G)6/2	P/10TMSSRN	1TMSELT	3/5
10TRCLKN	1	04-092-048	(G)	(G)6/2	P/10TRCLKP	1CLK	3/5
10TRCLKP	1	04-092-148	(G)	(G)6/2	P/10TRCLKN	1CLKR	3/5
10TRMDTN	1	04-092-051	(G)	(G)6/2	P/10TRMDTP	10OUTR	3/5
10TRMDTP	1	04-092-151	(G)	(G)6/2	P/10TRMDTN	10OUT	3/5

PART OF FS 5
SYMBOL(S) 6

MESSAGE SWITCH CABINET		DWG SIZE 2	ISSUE 5B
AT&T BELL LABORATORIES		SD-50146-01	B5CE

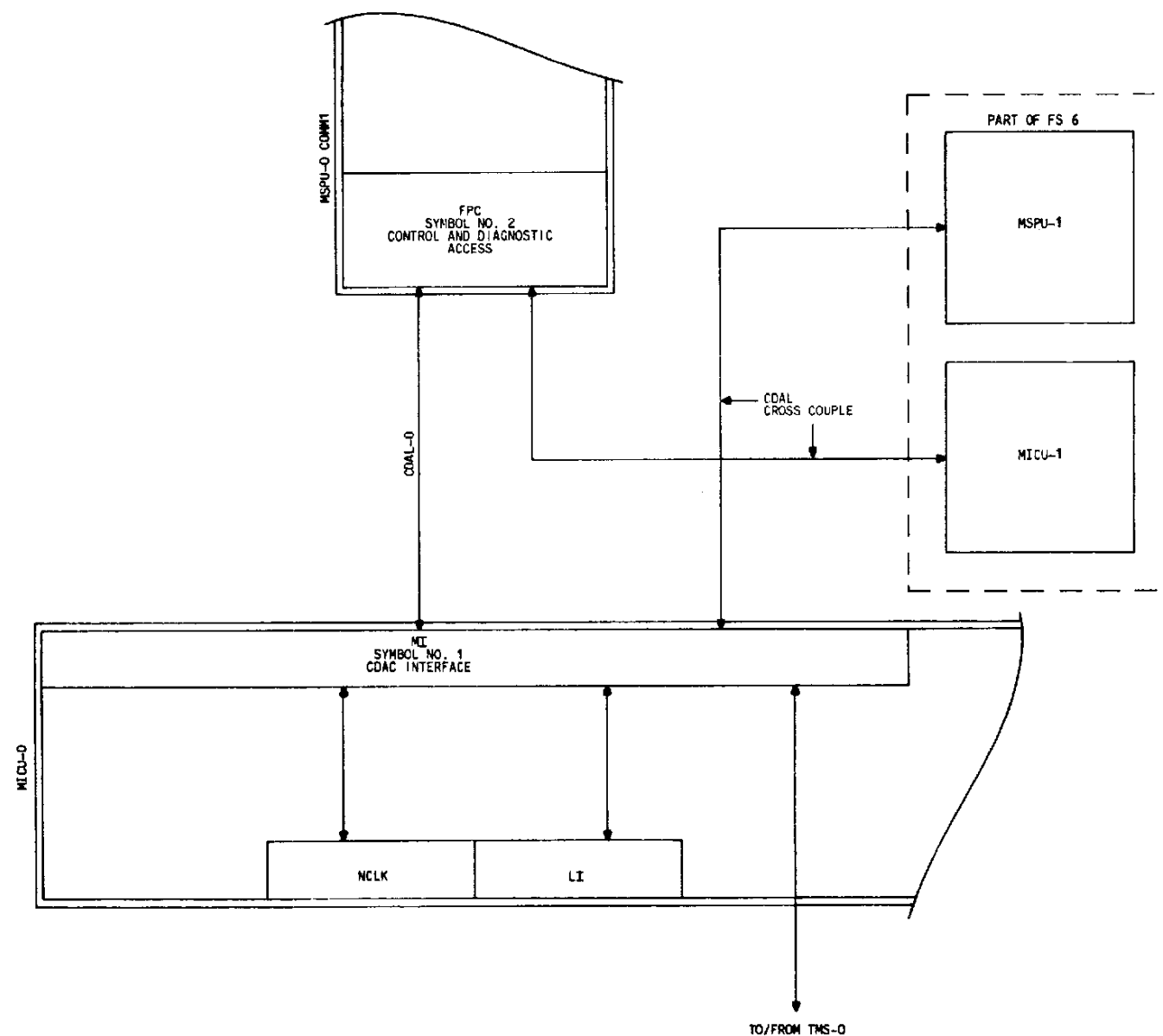
PRINTED IN U. S. A.

02/12/85

0 CONTROL AND DIAGNOSTIC ACCESS LINK
COMPOSITE DIAGRAM I

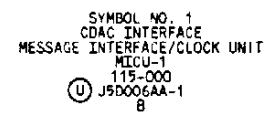
FS 5 IS THE SIMPLEX CONTROL AND DIAGNOSTIC ACCESS LINK (COAL) FUNCTION. THIS FUNCTION PROVIDES THE MESSAGE SWITCH CABINET WITH A MEANS OF SERVICING, INITIALIZING, AND CONTROLLING VARIOUS SERVICES. THE SUBSYSTEMS CONTROLLED ARE THE FOUNDATION PERIPHERAL CONTROLLER (FPC) AND THE MESSAGE INTERFACE (MI) THE LINK INTERFACE (LI), THE NETWORK CLOCK (NCLK), AND THE MULTIPLEX SWITCH (TMS). FOR GREATER MESSAGE SWITCH RELIABILITY THE CABINET PROVIDES A DUPLICATION COAL FUNCTION CROSS COUPLED BETWEEN THE FPC AND THE MI.

THE LINK BETWEEN THE MI AND THE FPC CONSISTS OF A SERIAL TRANSMIT DATA SERIAL RECEIVE DATA, FOUR SELECT SIGNALS, FOUR INTERRUPTS, AND FOUR SERVICE SIGNALS. THE MI MULTIPLEXES THE TRANSMIT DATA, RECEIVE DATA AND CLOCK FOR ALL OTHER SUBDEVICES. THE FOUR SELECT SIGNALS ARE USED BY THE FPC TO INDICATE WHICH SUBDEVICE IT IS COMMUNICATING WITH. THE FOUR INTERRUPTS ARE USED BY THE FPC FROM EACH OF THE FOUR SUBDEVICES. THESE INTERRUPTS ARE USED BY THE SUBDEVICES TO SIGNAL THE FPC FOR SERVING.

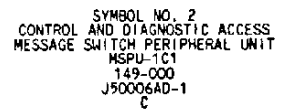


MESSAGE SWITCH CABINET		DWG SIZE B5	ISSUE 2A
			SHEET B5GA
AT&T BELL LABORATORIES	SD-5D146-O1		

1 CONTROL & DIAGNOSTIC ACCESS
(P/O INTERCONNECTION & FLOW DIAGRAM)

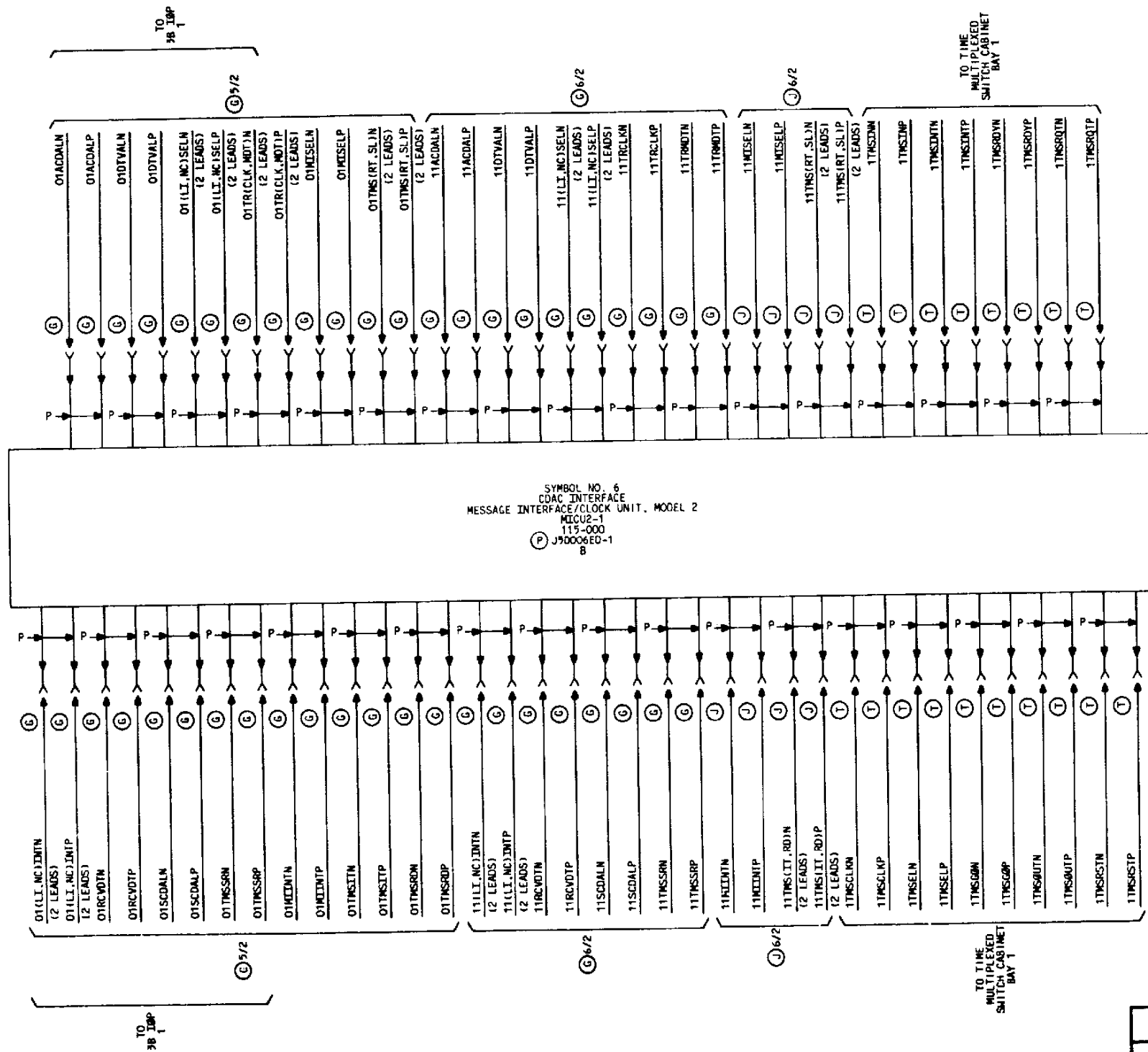
**B6AA**

1 CONTROL & DIAGNOSTIC ACCESS
(P/O INTERCONNECTION & FLOW DIAGRAM)



B6A8

1 CONTROL & DIAGNOSTIC ACCESS
(P/O INTERCONNECTION & FLOW DIAGRAM)



MESSAGE SWITCH CABINET		DWG SIZE 88	ISSUE 58
AT&T BELL LABORATORIES	30-5046-01		SHEET 86AC

PART OF FS 6

1 CONTROL & DIAGNOSTIC ACCESS

SYMBOL NO. 1 (CONT)

CDAC INTERFACE
MESSAGE INTERFACE/CLOCK UNIT

SYMBOL NO. 1

CDAC INTERFACE
MESSAGE INTERFACE/CLOCK UNIT

DESIG	EOP	LOC	CODE	ELEM	OPT
MICU-1	115-000	J5D006AA-1		B	(U)

DESIG	EOP	LOC	CODE	ELEM	OPT
MICU-1	115-000	J5D006AA-1		B	(U)

SYMBOL NO. 1 (CONT)

CDAC INTERFACE
MESSAGE INTERFACE/CLOCK UNIT

DESIG	EOP	LOC	CODE	ELEM	OPT
MICU-1	115-000	J5D006AA-1		B	(U)

LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC
DESIG			OPT			MOD	
01ACDALN	1	04-098-242	(J)	(J)5/2 TO 3810P 1	P/01ACDALP	OFFCACTR	3/6
01ACDALP	1	04-098-342	(J)	(J)5/2 TO 3810P 1	P/01ACDALN	OFFCACT	3/6
010TVALN	1	04-098-236	(J)	(J)5/2 TO 3810P 1	P/010TVALP	VALDATI	3/6
010TVALP	1	04-098-336	(J)	(J)5/2 TO 3810P 1	P/010TVALN	VALDATIR	3/6
0111INTN	0	04-098-240	(J)	(J)5/2 TO 3810P 1	P/0111INTP	OLIINTR	3/6
0111INTP	0	04-098-340	(J)	(J)5/2 TO 3810P 1	P/0111INTN	LIINTO	3/6
0111SELN	1	04-098-234	(J)	(J)5/2 TO 3810P 1	P/0111SELP	LISELI	3/6
0111SELP	1	04-098-334	(J)	(J)5/2 TO 3810P 1	P/0111SELN	LISR	3/6
0111INTN	0	04-098-320	(J)	(J)5/2 TO 3810P 1	P/0111INTP	OMIINT	3/6
0111INTP	0	04-098-220	(J)	(J)5/2 TO 3810P 1	P/0111INTN	OMIINTR	3/6
0111SELN	1	04-098-322	(J)	(J)5/2 TO 3810P 1	P/0111SELP	OMISEL	3/6
0111SELP	1	04-098-222	(J)	(J)5/2 TO 3810P 1	P/0111SELN	OMISELR	3/6
01NCINTN	0	04-098-239	(J)	(J)5/2 TO 3810P 1	P/01NCINTP	ONCINTR	3/6
01NCINTP	0	04-098-339	(J)	(J)5/2 TO 3810P 1	P/01NCINTN	NCINT	3/6
01NCSELN	1	04-098-233	(J)	(J)5/2 TO 3810P 1	P/01NCSELP	NCSELI	3/6
01NCSELP	1	04-098-333	(J)	(J)5/2 TO 3810P 1	P/01NCSELN	NCSELR	3/6
01RCVDTN	0	04-098-237	(J)	(J)5/2 TO 3810P 1	P/01RCVDTP	RCVDATOR	3/6
01RCVDTP	0	04-098-337	(J)	(J)5/2 TO 3810P 1	P/01RCVDTN	RCVDATO	3/6
01SCDALN	0	04-098-241	(J)	(J)5/2 TO 3810P 1	P/01SCDALP	OWIACTR	3/6
01SCDALP	0	04-098-341	(J)	(J)5/2 TO 3810P 1	P/01SCDALN	OWIACT	3/6
01TMSITN	0	04-098-321	(J)	(J)5/2 TO 3810P 1	P/01TMSITP	OMTMSINT	3/6
01TMSITP	0	04-098-221	(J)	(J)5/2 TO 3810P 1	P/01TMSITN	OTMSINTR	3/6
01TMSRDN	0	04-098-324	(J)	(J)5/2 TO 3810P 1	P/01TMSRDP	OTMSRDY	3/6
01TMSRDP	0	04-098-224	(J)	(J)5/2 TO 3810P 1	P/01TMSRDN	OTMSRDYR	3/6
01TMSRTN	1	04-098-319	(J)	(J)5/2 TO 3810P 1	P/01TMSRTP	OTMSRST	3/6
01TMSRTP	1	04-098-219	(J)	(J)5/2 TO 3810P 1	P/01TMSRTN	OTMSRSTR	3/6
01TMSSLN	1	04-098-323	(J)	(J)5/2 TO 3810P 1	P/01TMSSLP	OTMSSEL	3/6
01TMSSLP	1	04-098-223	(J)	(J)5/2 TO 3810P 1	P/01TMSSLN	OTMSSELR	3/6
01TMSSRN	0	04-098-343	(J)	(J)5/2 TO 3810P 1	P/01TMSSRP	OTMSRQT	3/6
01TMSSRP	0	04-098-243	(J)	(J)5/2 TO 3810P 1	P/01TMSSRN	OTMSRQTR	3/6
01TRCLKN	1	04-098-235	(J)	(J)5/2 TO 3810P 1	P/01TRCLKP	TRCLKI	3/6
01TRCLKP	1	04-098-335	(J)	(J)5/2 TO 3810P 1	P/01TRCLKN	TRCLKIR	3/6
01TRMDTN	1	04-098-238	(J)	(J)5/2 TO 3810P 1	P/01TRMDTP	TRMDATIR	3/6
01TRMDTP	1	04-098-338	(J)	(J)5/2 TO 3810P 1	P/01TRMDTN	TRMDATI	3/6
1CKCCIN	0	04-106-134	(Z)	TO 3810P 1	P/1CKCCIP	CKCC11	3/1
1CKCCIP	0	04-106-034	(Z)	TO 3810P 1	P/1CKCCIN	CKCC10	3/1
1CPIN	1	04-106-133	(Z)	TO 3810P 1	P/1CPIP	CP11	3/1
1CPIP	1	04-106-033	(Z)	TO 3810P 1	P/1CPIN	CP10	3/1
1RCVPARN	0	04-106-036	(Z)	TO 3810P 1	P/1RCVPARP	TXP0	3/1
1RCVPARP	0	04-106-136	(Z)	TO 3810P 1	P/1RCVPARN	TXP1	3/1
1TMSCLKN	0	04-098-039	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSCLKP	TMSCLK	3/6
1TMSCLKP	0	04-098-139	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSCLKN	TMSCLKR	3/6

LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC
DESIG			OPT			MOD	
1TMSLBN	0	04-098-037	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSLBP	TMSSEL	3/6
1TMSLBP	0	04-098-137	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSLBN	TMSSEL	3/6
1TMSGON	0	04-098-036	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSGOP	TMSGO	3/6
1TMSGOP	0	04-098-136	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSGON	TMSGOR	3/6
1TMSINN	1	04-098-038	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSINP	TMSDINR	3/6
1TMSINP	1	04-098-138	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSINN	TMSDIN	3/6
1TMSINTN	1	04-098-032	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSINTP	TMSINT	3/6
1TMSINTP	1	04-098-132	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSINTN	TMSINTR	3/6
1TMSOUTN	0	04-098-035	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSOUTP	TMSDOUTR	3/6
1TMSOUTP	0	04-098-135	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSOUTN	TMSDOUT	3/6
1TMSRDYN	1	04-098-033	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSRDYP	TMSRDYR	3/6
1TMSRDYP	1	04-098-133	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSRDYN	TMSRDY	3/6
1TMSRQTN	1	04-098-034	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSRQTP	TMSRQT	3/6
1TMSRQTP	1	04-098-134	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSRQTN	TMSRQTR	3/6
1TMSRSTN	0	04-098-040	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSRSTP	TMSRSTR	3/6
1TMSRSTP	0	04-098-140	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSRSTN	TMSRST	3/6
1TRMPARN	1	04-106-035	(Z)	TO 3810P 1	P/1TRMPARP	RXP0	3/1
1TRMPARP	1	04-106-135	(Z)	TO 3810P 1	P/1TRMPARN	RXP1	3/1
1X25CLKN	0	04-106-139	(Z)	TO 3810P 1	P/1X25CLKP	LIX25CO	3/1
1X25CLKP	0	04-106-039	(Z)	TO 3810P 1	P/1X25CLKN	LIX25COR	3/1
1X25RDTN	0	04-106-138	(Z)	TO 3810P 1	P/1X25RDTP	LIX25XO	3/1

LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC
DESIG			OPT			MOD	
1X25RDTN	0	04-106-038	(Z)	TO 3810P 1	P/1X25RDTN	LIX25XOR	3/1
1X25RDTN	1	04-106-037	(Z)	TO 3810P 1	P/1X25RDTN	LIX25RIR	3/1
1X25RDTN	1	04-106-137	(Z)	TO 3810P 1	P/1X25RDTN	LIX25RV1	3/1
11ACDALN	1	04-098-055	(J)	(J)6/2	P/11ACDALP	1FPCACTR	3/6
11ACDALP	1	04-098-155	(J)	(J)6/2	P/11ACDALN	1FPCACT	3/6
110TVALN	1	04-098-049	(J)	(J)6/2	P/110TVALP	1GO	3/6
110TVALP	1	04-098-149	(J)	(J)6/2	P/110TVALN	1GOR	3/6
1111INTN	0	04-098-053	(J)	(J)6/2	P/1111INTP	111INTR	3/6
1111INTP	0	04-098-153	(J)	(J)6/2	P/1111INTN	111INT	3/6
1111SELN	1	04-098-047	(J)	(J)6/2	P/1111SELP	111SEL	3/6
1111SELP	1	04-098-147	(J)	(J)6/2	P/1111SELN	111SEL	3/6
1111INTN	0	04-098-352	(G)	(G)6/2	P/1111INTP	111INT	3/6
1111INTP	0	04-098-252	(G)	(G)6/2	P/1111INTN	111INTR	3/6
1111SELN	1	04-098-354	(G)	(G)6/2	P/1111SELP	111SEL	3/6
1111SELP	1	04-098-254	(G)	(G)6/2	P/1111SELN	111SEL	3/6
11NCINTN	0	04-098-052	(J)	(J)6/2	P/11NCINTP	1NCINTR	3/6
11NCINTP	0	04-098-152	(J)	(J)6/2	P/11NCINTN	1NCINT	3/6
11NCSELN	1	04-098-046	(J)	(J)6/2	P/11NCSELP	1NCSEL	3/6
11NCSELP	1	04-098-146	(J)	(J)6/2	P/11NCSELN	1NCSEL	3/6
11RCVDTN	0	04-098-050	(J)	(J)6/2	P/11RCVDTP	1DINR	3/6
11RCVDTP	0	04-098-150	(J)	(J)6/2	P/11RCVDTN	1DIN	3/6
11SCDALN	0	04-098-054	(J)	(J)6/2	P/11SCDALP	1WIACTR	3/6
11SCDALP	0	04-098-154	(J)	(J)6/2	P/11SCDALN	1WIACT	3/6
11TMSITN	0	04-098-353	(G)	(G)6/2	P/11TMSITP	1TMSINT	3/6
11TMSITP	0	04-098-253	(G)	(G)6/2	P/11TMSITN	1TMSINTR	3/6
11TMSRDN	0	04-098-356	(G)	(G)6/2	P/11TMSRDP	1TMSRDY	3/6
11TMSRDP	0	04-098-256	(G)	(G)6/2	P/11TMSRDN	1TMSRDYR	3/6
11TMSRTN	1	04-098-351	(G)	(G)6/2	P/11TMSRTP	1TMSRST	3/6
11TMSRTP	1	04-098-251	(G)	(G)6/2	P/11TMSRTN	1TMSRSTR	3/6
11TMSSLN	1	04-098-355	(G)	(G)6/2	P/11TMSSLP	1TMSSEL	3/6
11TMSSLP	1	04-098-255	(G)	(G)6/2	P/11TMSSLN	1TMSSELR	3/6
11TMSSRN	0	04-098-156	(J)	(J)6/2	P/11TMSSRP	1TMSRQT	3/6
11TMSSRP	0	04-098-056	(J)	(J)6/2	P/11TMSSRN	1TMSRQTR	3/6
11TRCLKN	1	04-098-048	(J)	(J)6/2	P/11TRCLKP	1CLK	3/6
11TRCLKP	1	04-098-148	(J)	(J)6/2	P/11TRCLKN	1CLKR	3/6
11TRMDTN	1	04-098-051	(J)	(J)6/2	P/11TRMDTP	1DOOUT	3/6
11TRMDTP	1	04-098-151	(J)	(J)6/2	P/11TRMDTN	1DOUT	3/6

PART OF FS 6
SYMBOL(S) 1

MESSAGE SWITCH CABINET

Dwg Size
A2Issue
5BAT&T
BELL LABORATORIES

SD-5D146-01

B6CA

PRINTED IN U. S. A.

02/12/85

PART OF FS 6
1 CONTROL & DIAGNOSTIC ACCESS

SYMBOL NO. 2 (CONT)

CONTROL AND DIAGNOSTIC ACCESS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG EOPT CODE ELEM OPT
LOC LOC
MSPU-1C1 149-000 J5D006AD-1 C

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
10TRCLKN	0	04-088-416	(G)	(G)5/6	P/10TRCLKP	OTRCLK0	1/7
	0	04-088-416	(J)	(J)5/1	P/10TRCLKP	OTRCLK0	1/7
	0	04-088-516	(J)	(J)5/1	P/10TRCLKN	OTRCLK1	1/7
10TRCLKP	0	04-088-516	(G)	(G)5/6	P/10TRCLKN	OTRCLK1	1/7
	0	04-088-419	(G)	(G)5/6	P/10TRMDTP	OTRMDAT0	1/7
	0	04-088-419	(J)	(J)5/1	P/10TRMDTP	OTRMDAT0	1/7
10TRMDTN	0	04-088-519	(G)	(G)5/1	P/10TRMDTN	OTRMDAT1	1/7
	0	04-088-519	(G)	(G)5/6	P/10TRMDTN	OTRMDAT1	1/7
	0	04-088-455	(J)	(J)6/1	P/11ACDALP	1ACCDALR	1/7
11ACDALN	0	04-088-455	(G)	(G)6/6	P/11ACDALN	1ACCDALR	1/7
	0	04-088-555	(J)	(J)6/1	P/11ACDALP	1ACCDALR	1/7
11ACDALP	0	04-088-555	(G)	(G)6/6	P/11ACDALN	1ACCDALR	1/7
	0	04-088-449	(G)	(G)6/6	P/11DVALP	1DVAL0	1/7
11DVALN	0	04-088-449	(J)	(J)6/1	P/11DVALP	1DVAL0	1/7
	0	04-088-549	(G)	(G)6/6	P/11DVALN	1DVAL1	1/7
11DVALP	0	04-088-549	(J)	(J)6/1	P/11DVALN	1DVAL1	1/7
	0	04-088-549	(J)	(J)6/1	P/11DVALN	1DVAL1	1/7
11LIINTN	1	04-088-453	(G)	(G)6/6	P/11LIINTN	1LIINT10	1/7
	1	04-088-453	(J)	(J)6/1	P/11LIINTN	1LIINT10	1/7
11LIINTP	1	04-088-553	(G)	(G)6/1	P/11LIINTN	1LIINT10	1/7
	1	04-088-553	(J)	(J)6/6	P/11LIINTN	1LIINT10	1/7
11LISELN	0	04-088-447	(J)	(J)6/1	P/11LISELN	1LISEL0	1/7
	0	04-088-447	(G)	(G)6/6	P/11LISELN	1LISEL0	1/7
11LISELP	0	04-088-447	(J)	(J)6/1	P/11LISELN	1LISEL0	1/7
	0	04-088-547	(J)	(J)6/1	P/11LISELN	1LISEL1	1/7
11MIINTN	1	04-088-539	(G)	(G)6/1	P/11MIINTN	1MIINT10	1/7
	1	04-088-539	(J)	(J)6/6	P/11MIINTN	1MIINT10	1/7
11MIINTP	1	04-088-439	(G)	(G)6/1	P/11MIINTN	1MIINT10	1/7
	1	04-088-439	(J)	(J)6/6	P/11MIINTN	1MIINT10	1/7
11MISELN	1	04-088-439	(J)	(J)6/6	P/11MIINTN	1MIINT10	1/7
	0	04-088-541	(G)	(G)6/1	P/11MISELN	1MISEL0	1/7
11MISELP	0	04-088-541	(J)	(J)6/6	P/11MISELN	1MISEL0	1/7
	0	04-088-441	(G)	(G)6/1	P/11MISELN	1MISEL1	1/7
11NCINTN	0	04-088-441	(J)	(J)6/6	P/11NCINTN	1NCKIT11	1/7
	0	04-088-452	(J)	(J)6/1	P/11NCINTN	1NCKIT11	1/7
11NCINTP	1	04-088-452	(G)	(G)6/6	P/11NCINTN	1NCKIT10	1/7
	1	04-088-552	(G)	(G)6/6	P/11NCINTN	1NCKIT10	1/7
11NCSELN	0	04-088-446	(J)	(J)6/1	P/11NCSELN	1NCKSEL0	1/7
	0	04-088-446	(G)	(G)6/6	P/11NCSELN	1NCKSEL0	1/7
11NCSELP	0	04-088-546	(G)	(G)6/6	P/11NCSELN	1NCKSEL1	1/7
	0	04-088-546	(J)	(J)6/1	P/11NCSELN	1NCKSEL1	1/7
11RCVDTN	0	04-088-546	(J)	(J)6/1	P/11RCVDTN	1RCVDAT0	1/7
	0	04-088-450	(J)	(J)6/6	P/11RCVDTN	1RCVDAT0	1/7
11RCVDTP	1	04-088-550	(G)	(G)6/6	P/11RCVDTN	1RCVDAT1	1/7
	1	04-088-550	(J)	(J)6/1	P/11RCVDTN	1RCVDAT1	1/7
11SCDALN	1	04-088-454	(J)	(J)6/1	P/11SCDALP	1SACDALR	1/7
	1	04-088-454	(G)	(G)6/6	P/11SCDALP	1SACDALR	1/7
11SCDALP	1	04-088-554	(G)	(G)6/6	P/11SCDALN	1STACDAL	1/7
	1	04-088-554	(J)	(J)6/1	P/11SCDALN	1STACDAL	1/7
11TMSITN	1	04-088-540	(J)	(J)6/6	P/11TMSITP	1TMSIT10	1/7
	1	04-088-540	(G)	(G)6/1	P/11TMSITP	1TMSIT10	1/7
11TMSITP	1	04-088-440	(J)	(J)6/6	P/11TMSITN	1TMSIT11	1/7
	1	04-088-440	(G)	(G)6/1	P/11TMSITN	1TMSIT11	1/7
11TMSRDN	1	04-088-440	(G)	(G)6/1	P/11TMSRDN	1TMSRDY0	1/7
	1	04-088-543	(G)	(G)6/6	P/11TMSRDN	1TMSRDY0	1/7
11TMSRDP	1	04-088-443	(J)	(J)6/6	P/11TMSRDN	1TMSRDY0	1/7
	1	04-088-443	(G)	(G)6/1	P/11TMSRDN	1TMSRDY0	1/7
11TMSRTN	0	04-088-538	(J)	(J)6/6	P/11TMSRTP	1TMSRST0	1/7
	0	04-088-538	(G)	(G)6/1	P/11TMSRTP	1TMSRST0	1/7
11TMSRTP	0	04-088-438	(J)	(J)6/6	P/11TMSRTP	1TMSRST1	1/7
	0	04-088-438	(G)	(J)6/1	P/11TMSRTP	1TMSRST1	1/7

SYMBOL NO. 2 (CONT)

CONTROL AND DIAGNOSTIC ACCESS
MESSAGE SWITCH PERIPHERAL UNIT

DESIG EOPT CODE ELEM OPT
LOC LOC
MSPU-1C1 149-000 J5D006AD-1 C

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
11THSSLN	0	04-088-542	(G)	(G)6/1	P/11THSSLP	1THSSEL0	1/7
	0	04-088-542	(J)	(J)6/6	P/11THSSLP	1THSSEL0	1/7
11THSSLP	0	04-088-442	(G)	(G)6/1	P/11THSSLN	1THSSEL1	1/7
	0	04-088-442	(J)	(J)6/6	P/11THSSLN	1THSSEL1	1/7
11THSSRN	0	04-088-442	(J)	(J)6/6	P/11THSSRN	1THSSR0	1/7
	0	04-088-556	(J)	(J)6/1	P/11THSSRN	1THSSR0	1/7
11THSSRP	1	04-088-456	(J)	(J)6/1	P/11THSSRN	1THSSR1	1/7
	1	04-088-456	(G)	(G)6/6	P/11THSSRN	1THSSR1	1/7
11TRCLKN	0	04-088-448	(J)	(J)6/1	P/11TRCLKP	1TRCLK0	1/7
	0	04-088-448	(G)	(G)6/6	P/11TRCLKP	1TRCLK0	1/7
11TRCLKP	0	04-088-548	(G)	(J)6/1	P/11TRCLKN	1TRCLK1	1/7
	0	04-088-548	(J)	(J)6/6	P/11TRCLKN	1TRCLK1	1/7
11TRMDTN	0	04-088-451	(J)	(J)6/1	P/11TRMDTP	1TRMDAT0	1/7
	0	04-088-451	(G)	(G)6/6	P/11TRMDTP	1TRMDAT0	1/7
11TRMDTP	0	04-088-551	(G)	(G)6/6	P/11TRMDTN	1TRMDAT1	1/7
	0	04-088-551	(J)	(J)6/1	P/11TRMDTN	1TRMDAT1	1/7

SYMBOL NO. 3

MESSAGE LINK
MESSAGE SWITCH PERIPHERAL UNIT

DESIG EOPT CODE ELEM OPT
LOC LOC
MSPU-1C2 124-000 J5D006AD-1 C

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-088-414				ONCKSELO	1/7
	0	04-088-415				OLISELO	1/7
	0	04-088-416				OTRCLK0	1/7
	0	04-088-417				ODATVAL0	1/7
	0	04-088-419				OTRMDAT0	1/7
	0	04-088-423				1ACCDALR	1/7
	0	04-088-432				OTMSRST1	1/7
	0	04-088-435				OMISEL1	1/7
	0	04-088-436				OTMSSEL1	1/7
	0	04-088-438				1TMSRST1	1/7
	0	04-088-441				1MISEL1	1/7
	0	04-088-442				1THSSEL1	1/7
	0	04-088-446				1NCKSELO	1/7
	0	04-088-447				1LISELO	1/7
	0	04-088-448				1TRCLK0	1/7
	0	04-088-449				1DATVAL0	1/7
	0	04-088-451				1TRMDAT0	1/7
	0	04-088-455				1ACCDALR	1/7
	0	04-088-514				ONCKSEL1	1/7
	0	04-088-515				OLISEL1	1/7

PART OF FS 6
SYMBOL(S) 2 3

MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		12	58
AT&T BELL LABORATORIES		SD-5D146-01	
		B6CB	

PART OF FS 6
1 CONTROL & DIAGNOSTIC ACCESS

SYMBOL NO. 3 (CONT)

MESSAGE LINK
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MSPU-1C2	124-000	J5D006AD-1	C	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	0	04-088-516				OTRCLK1	1/7
	0	04-088-517				ODATVAL1	1/7
	0	04-088-519				OTRMDAT1	1/7
	0	04-088-523				OACTCDAL	1/7
	0	04-088-532				OTMSRST0	1/7
	0	04-088-535				OMISELO	1/7
	0	04-088-536				OTMSSELO	1/7
	0	04-088-538				1TMSRST0	1/7
	0	04-088-541				1MISELO	1/7
	0	04-088-542				1TMSSELO	1/7
	0	04-088-546				1NCKSEL1	1/7
	0	04-088-547				1LISELO	1/7
	0	04-088-548				1TRCLK1	1/7
	0	04-088-549				1DATVAL1	1/7
	0	04-088-551				1TRMDAT1	1/7
	0	04-088-555				1ACTCDAL	1/7
	1	04-088-418				ORCVDAT0	1/7
	1	04-088-420				ONCKIT11	1/7
	1	04-088-421				OLINT11	1/7
	1	04-088-422				OSACDALR	1/7
	1	04-088-424				OTMSSR1	1/7
	1	04-088-433				OMIINT11	1/7
	1	04-088-434				OTMSIT11	1/7
	1	04-088-437				OTMSRDY0	1/7
	1	04-088-439				1MIINT11	1/7
	1	04-088-440				1TMSIT11	1/7
	1	04-088-443				1TMSRDY0	1/7
	1	04-088-450				1RCVDAT0	1/7
	1	04-088-452				1NCKIT11	1/7
	1	04-088-453				1LIINT11	1/7
	1	04-088-454				1SACDALR	1/7
	1	04-088-456				1TMSRST1	1/7
	1	04-088-518				ORCVDAT1	1/7
	1	04-088-520				ONCKIT10	1/7
	1	04-088-521				OLINT10	1/7
	1	04-088-522				OSTACDAL	1/7
	1	04-088-524				OTMSSRO	1/7
	1	04-088-533				OMIINT10	1/7
	1	04-088-534				OTMSIT10	1/7
	1	04-088-537				OTMSRDY1	1/7
	1	04-088-539				1MIINT10	1/7
	1	04-088-540				1TMSIT10	1/7
	1	04-088-543				1TMSRDY1	1/7
	1	04-088-550				1RCVDAT1	1/7
	1	04-088-552				1NCKIT10	1/7
	1	04-088-553				1LIINT10	1/7
	1	04-088-554				1STACDAL	1/7
	1	04-088-556				1TMSRO	1/7

SYMBOL NO. 4

MESSAGE LINK
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MSPU-1C3	132-000	J5D006AD-1	C	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-088-414				ONCKSELO	1/7
	0	04-088-415				OLISELO	1/7
	0	04-088-416				OTRCLK0	1/7
	0	04-088-417				ODATVAL0	1/7
	0	04-088-419				OTRMDAT0	1/7
	0	04-088-423				OACCDALR	1/7
	0	04-088-432				OTMSRST1	1/7
	0	04-088-435				OMISEL1	1/7
	0	04-088-436				OTMSSEL1	1/7
	0	04-088-438				1TMSRST1	1/7
	0	04-088-441				1MISEL1	1/7
	0	04-088-442				1TMSSEL1	1/7
	0	04-088-446				1NCKSELO	1/7
	0	04-088-447				1LISELO	1/7
	0	04-088-448				1TRCLK0	1/7
	0	04-088-449				1DATVAL0	1/7
	0	04-088-451				1TRMDAT0	1/7
	0	04-088-455				1ACCDALR	1/7
	0	04-088-514				ONCKSEL1	1/7
	0	04-088-515				OLISEL1	1/7
	0	04-088-516				OTRCLK1	1/7
	0	04-088-517				ODATVAL1	1/7
	0	04-088-519				OTRMDAT1	1/7
	0	04-088-523				OACTCDAL	1/7
	0	04-088-532				OTMSRST0	1/7
	0	04-088-535				OMISELO	1/7
	0	04-088-536				OTMSSELO	1/7
	0	04-088-538				1TMSRST0	1/7
	0	04-088-541				1MISELO	1/7
	0	04-088-542				1TMSSELO	1/7
	0	04-088-546				1NCKSEL1	1/7
	0	04-088-547				1LISEL1	1/7
	0	04-088-548				1TRCLK1	1/7
	0	04-088-549				1DATVAL1	1/7
	0	04-088-551				1TRMDAT1	1/7
	0	04-088-555				1ACTCDAL	1/7
	1	04-088-418				ORCVDAT0	1/7
	1	04-088-420				ONCKIT11	1/7
	1	04-088-421				OLINT11	1/7
	1	04-088-422				OSACDALR	1/7
	1	04-088-424				OTMSSR1	1/7
	1	04-088-433				OMIINT11	1/7
	1	04-088-434				OTMSIT11	1/7
	1	04-088-437				OTMSRDY0	1/7
	1	04-088-439				1MIINT11	1/7
	1	04-088-440				1TMSIT11	1/7
	1	04-088-443				1TMSRDY0	1/7
	1	04-088-450				1RCVDAT0	1/7
	1	04-088-452				1NCKIT11	1/7
	1	04-088-453				1LIINT11	1/7
	1	04-088-454				1SACDALR	1/7
	1	04-088-456				1TMSRST1	1/7
	1	04-088-518				ORCVDAT1	1/7
	1	04-088-519				ONCKIT10	1/7
	1	04-088-521				OLINT10	1/7
	1	04-088-522				OSTACDAL	1/7
	1	04-088-524				OTMSSRO	1/7
	1	04-088-533				OMIINT10	1/7
	1	04-088-534				OTMSIT10	1/7
	1	04-088-537				OTMSRDY1	1/7
	1	04-088-539				1MIINT10	1/7
	1	04-088-540				1TMSIT10	1/7
	1	04-088-543				1TMSRDY1	1/7
	1	04-088-550				1RCVDAT1	1/7
	1	04-088-552				1NCKIT10	1/7
	1	04-088-553				1LIINT10	1/7
	1	04-088-554				1STACDAL	1/7
	1	04-088-556				1TMSRO	1/7

SYMBOL NO. 4 (CONT)

MESSAGE LINK
MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MSPU-1C3	132-000	J5D006AD-1	C	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	1	04-088-539				1MIINT10	1/7
	1	04-088-540				1TMSIT10	1/7
	1	04-088-543				1TMSRDY1	1/7
	1	04-088-550				1RCVDAT1	1/7
	1	04-088-552				1NCKIT10	1/7
	1	04-088-553				1LIINT10	1/7
	1	04-088-554				1STACDAL	1/7
	1	04-088-556				1TMSRO	1/7

SYMBOL NO. 5

CONTROL AND DIAGNOSTIC ACCESS
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MSPU2-1	158-000	J5D006AF-1	C	

LEAD DESIG	FUNC	TERM. MOD	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	0	04-070-414				ONCKSELO	1/7
	0	04-070-415				OLISELO	1/7
	0	04-070-416				OTRCLK0	1/7
	0	04-070-417				ODATVAL0	1/7
	0	04-070-419				OTRMDAT0	1/7
	0	04-070-423				OACCDALR	1/7
	0	04-070-432				OTMSRST1	1/7
	0	04-070-435				OMISEL1	1/7
	0	04-070-436				OTMSSEL1	1/7
	0	04-070-438				1TMSRST1	1/7
	0	04-070-441				1MISEL1	1/7
	0	04-070-442				1TMSSEL1	1/7
	0	04-070-446				1NCKSELO	1/7
	0	04-070-447				1LISELO	1/7
	0	04-070-448				1TRCLK0	1/7
	0	04-070-449				1DATVAL0	1/7
	0	04-070-451				1TRMDAT0	1/7
	0	04-070-455				1ACCDALR	1/7
	0	04-070-514				ONCKSEL1	1/7
	0	04-070-515				OLISEL1	1/7
	0	04-070-516				OTRCLK1	1/7
	0	04-070-517				ODATVAL1	1/7
	0	04-070-519				OTRMDAT1	1/7
	0	04-070-523				OACTCDAL	1/7
	0	04-070-532				OTMSRST0	1/7
	0	04-070-535				OMISELO	1/7
	0	04-070-536				OTMSSELO	1/7
	0	04-070-538				1TMSRST0	1/7

PART OF FS 6
SYMBOL(S) 3 4 5

MESSAGE SWITCH CABINET

DWG SIZE
12

ISSUE
5B

AT&T
BELL LABORATORIES

SD-5D146-01

B6CC

PRINTED IN U. S. A.

02/12/85

PART OF FS 6 1 CONTROL & DIAGNOSTIC ACCESS

SYMBOL NO. 6

COAC INTERFACE
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

SYMBOL NO. 5 (CONT)

CONTROL AND DIAGNOSTIC ACCESS
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPUZ-1	158-000	J5D006AF-1	C	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	0	04-070-541				1MISELO	1/7
	0	04-070-542				1TMSSELO	1/7
	0	04-070-546				1NCKSEL1	1/7
	0	04-070-547				1LISEL1	1/7
	0	04-070-548				1TRCLK1	1/7
	0	04-070-549				1DATVAL1	1/7
	0	04-070-551				1TRMDAT1	1/7
	0	04-070-555				1ACTCDAL	1/7
	1	04-070-418				0RCVATO	1/7
	1	04-070-420				0NCKIT11	1/7
	1	04-070-421				0LIINT11	1/7
	1	04-070-422				0SACDALR	1/7
	1	04-070-424				0TMSR1	1/7
	1	04-070-433				0MIINT11	1/7
	1	04-070-434				0TMSIT11	1/7
	1	04-070-437				0TMSRDY0	1/7
	1	04-070-439				1MIINT11	1/7
	1	04-070-440				1TMSIT11	1/7
	1	04-070-443				1TMSRDY0	1/7
	1	04-070-450				1RCVATO	1/7
	1	04-070-452				1NCKIT11	1/7
	1	04-070-453				1LIINT11	1/7
	1	04-070-454				1SACDALR	1/7
	1	04-070-456				1TMSR1	1/7
	1	04-070-518				0RCVATO	1/7
	1	04-070-520				0NCKIT10	1/7
	1	04-070-521				0LIINT10	1/7
	1	04-070-522				0SACDAL	1/7
	1	04-070-524				0TMSR0	1/7
	1	04-070-533				0MIINT10	1/7
	1	04-070-534				0TMSIT10	1/7
	1	04-070-537				0TMSRDY1	1/7
	1	04-070-539				1MIINT10	1/7
	1	04-070-540				1TMSIT10	1/7
	1	04-070-543				1TMSRDY1	1/7
	1	04-070-550				1RCVATO	1/7
	1	04-070-552				1NCKIT10	1/7
	1	04-070-553				1LIINT10	1/7
	1	04-070-554				1SACDAL	1/7
	1	04-070-556				1TMSR0	1/7

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
01ACDALN	1	04-092-242	(G)	(G)5/2 TO 381OP 1	P/01ACDALP	0FFPACTR	3/5
01ACDALP	1	04-092-342	(G)	(G)5/2 TO 381OP 1	P/01ACDALN	0FFPACT	3/5
01DTVALN	1	04-092-236	(G)	(G)5/2 TO 381OP 1	P/01DTVALP	VALDATI	3/1
01DTVALP	1	04-092-336	(G)	(G)5/2 TO 381OP 1	P/01DTVALN	VALDATIR	3/1
01LIINTN	0	04-092-240	(G)	(G)5/2 TO 381OP 1	P/01LIINTP	0LIINTR	3/1
01LIINTP	0	04-092-340	(G)	(G)5/2 TO 381OP 1	P/01LIINTN	LIINTO	3/1
01LISELN	1	04-092-234	(G)	(G)5/2 TO 381OP 1	P/01LISELP	LISELI	3/1
01LISELP	1	04-092-334	(G)	(G)5/2 TO 381OP 1	P/01LISELN	LISR	3/1
01MIINTN	0	04-092-320	(G)	(G)5/2	P/01MIINTP	0MIINT	3/5
01MIINTP	0	04-092-220	(G)	(G)5/2	P/01MIINTN	0MIINTR	3/5
01MISELN	1	04-092-222	(G)	(G)5/2	P/01MISELP	0MISEL	3/5
01MISELP	1	04-092-222	(G)	(G)5/2	P/01MISELN	0MISELR	3/5
01NCINTN	0	04-092-239	(G)	(G)5/2 TO 381OP 1	P/01NCINTP	0NCINTR	3/1
01NCINTP	0	04-092-339	(G)	(G)5/2 TO 381OP 1	P/01NCINTN	NCINT	3/1
01NCSELN	1	04-092-233	(G)	(G)5/2 TO 381OP 1	P/01NCSELP	NCSELI	3/1
01NCSELP	1	04-092-333	(G)	(G)5/2 TO 381OP 1	P/01NCSELN	NCSELR	3/1
01RCVDTN	0	04-092-237	(G)	(G)5/2 TO 381OP 1	P/01RCVDTP	RCVATO	3/1
01RCVDTP	0	04-092-337	(G)	(G)5/2 TO 381OP 1	P/01RCVDTN	RCVATO	3/1
01SCDALN	0	04-092-241	(G)	(G)5/2 TO 381OP 1	P/01SCDALP	0WIACTR	3/5
01SCDALP	0	04-092-341	(G)	(G)5/2 TO 381OP 1	P/01SCDALN	0WIACT	3/5
01TMSITN	0	04-092-321	(G)	(G)5/2	P/01TMSITP	0TMSINT	3/5
01TMSITP	0	04-092-221	(G)	(G)5/2	P/01TMSITN	0TMSINTR	3/5
01TMSRDN	0	04-092-324	(G)	(G)5/2	P/01TMSRDP	0TMSRDY	3/5
01TMSRDP	0	04-092-224	(G)	(G)5/2	P/01TMSRDN	0TMSRDYR	3/5
01TMSRTN	1	04-092-319	(G)	(G)5/2	P/01TMSRTP	0TMSRST	3/5
01TMSRTP	1	04-092-219	(G)	(G)5/2	P/01TMSRTN	0TMSRSTR	3/5
01TMSSELN	1	04-092-323	(G)	(G)5/2	P/01TMSSLP	0TMSSEL	3/5
01TMSSLP	1	04-092-223	(G)	(G)5/2	P/01TMSSELN	0TMSSELR	3/5
01TMSSRN	0	04-092-343	(G)	(G)5/2 TO 381OP 1	P/01TMSSRP	0TMSRST	3/5
01TMSSRP	0	04-092-243	(G)	(G)5/2 TO 381OP 1	P/01TMSSRN	0TMSRSTR	3/5
01TRCLKN	1	04-092-235	(G)	(G)5/2 TO 381OP 1	P/01TRCLKP	TRCLKI	3/1
01TRCLKP	1	04-092-335	(G)	(G)5/2 TO 381OP 1	P/01TRCLKN	TRCLKIR	3/1
01TRMDTN	1	04-092-238	(G)	(G)5/2 TO 381OP 1	P/01TRMDTP	TRMDATIR	3/1
01TRMDTP	1	04-092-338	(G)	(G)5/2 TO 381OP 1	P/01TRMDTN	TRMDATI	3/1
1TMSCLKN	0	04-092-039	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSCLKP	TMSCLK	3/5
1TMSCLKP	0	04-092-139	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSCLKN	TMSCLKR	3/5
1TMSSELN	0	04-092-037	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSSELP	TMSSELR	3/5
1TMSSELP	0	04-092-137	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSSELN	TMSSEL	3/5

SYMBOL NO. 6 (CONT)

COAC INTERFACE
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MICUZ-1	115-000	J5D006ED-1	B	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1TMSGON	0	04-092-036	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSGOP	TMSGO	3/5
1TMSGOP	0	04-092-136	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSGON	TMSGOR	3/5
1TMSINN	1	04-092-038	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSINP	TMSDINR	3/5
1TMSINP	1	04-092-138	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSINN	TMSDIN	3/5
1TMSINTN	1	04-092-032	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSINTP	TMSINT	3/5
1TMSINTP	1	04-092-132	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSINTN	TMSINTR	3/5
1TMSOUTN	0	04-092-035	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSOUTP	TMSDOUTR	3/5
1TMSOUTP	0	04-092-135	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSOUTN	TMSDOUT	3/5
1TMSRDYN	1	04-092-033	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSRDYP	TMSRDYR	3/5
1TMSRDYP	1	04-092-133	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSRDYN	TMSRDY	3/5
1TMSRDTN	1	04-092-034	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSRQTP	TMSRQTR	3/5
1TMSRQTP	1	04-092-134	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSRDTN	TMSRQTR	3/5
1TMSRSTN	0	04-092-040	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSRSTP	TMSRSTR	3/5
1TMSRSTP	0	04-092-140	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMSRSTN	TMSRST	3/5
11ACDALN	1	04-092-055	(G)	(G)6/2	P/11ACDALP	1FFPACTR	3/5
11ACDALP	1	04-092-155	(G)	(G)6/2	P/11ACDALN	1FFPACT	3/5

PART OF FS 6
SYMBOL(S) 5 6

MESSAGE SWITCH CABINET		QMG SIZE 2	ISSUE 5B
AT&T BELL LABORATORIES		SD-5D146-01	
		B6CD	

PART OF FS 6
1 CONTROL & DIAGNOSTIC ACCESS

SYMBOL NO. 6 (CONT)

CDAC INTERFACE
MESSAGE INTERFACE /CLOCK UNIT, MODEL 2

DESIG	BOPT LOC	CODE	ELEM IDENT	OPT
MICU2-1	115-000	J50006ED-1	B	(P)

LEAD DESIG	FUNC	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
11DTVALN	1	04-092-049	(G)	P/11DTVALP	1GD	3/5
11DTVALP	1	04-092-149	(G)	P/11DTVALN	1GOR	3/5
11LIINTN	0	04-092-055	(G)	P/11LIINTP	1LIINTR	3/5
11LIINTP	0	04-092-153	(G)	P/11LIINTN	1LIINT	3/5
11LISELN	1	04-092-047	(G)	P/11LISELP	1LISEL	3/5
11LISELP	1	04-092-147	(G)	P/11LISELN	1LISELR	3/5
11MIINTN	0	04-092-352	(J)	P/11MIINTP	1MIINT	3/5
11MIINTP	0	04-092-252	(J)	P/11MIINTN	1MIINTR	3/5
11MISELN	1	04-092-354	(J)	P/11MISELP	1MISEL	3/5
11MISELP	1	04-092-254	(J)	P/11MISELN	1MISELR	3/5
11NCINTN	0	04-092-052	(G)	P/11NCINTP	1NCINTR	3/5
11NCINTP	0	04-092-152	(G)	P/11NCINTN	1NCINT	3/5
11NCSELN	1	04-092-046	(G)	P/11NCSELP	1NCSEL	3/5
11NCSELP	1	04-092-146	(G)	P/11NCSELN	1NCSELR	3/5
11RCVDTN	0	04-092-050	(G)	P/11RCVDTP	1DINR	3/5
11RCVDTP	0	04-092-150	(G)	P/11RCVDTN	1DIN	3/5
11SCDALN	0	04-092-054	(G)	P/11SCDALP	1WIACTR	3/5
11SCDALP	0	04-092-154	(G)	P/11SCDALN	1WIACT	3/5
11TMSITN	0	04-092-353	(J)	P/11TMSITP	1TMSINT	3/5
11TMSITP	0	04-092-253	(J)	P/11TMSITN	1TMSINTR	3/5
11TMSRDN	0	04-092-356	(J)	P/11TMSRDP	1TMSRDY	3/5
11TMSRDP	0	04-092-256	(J)	P/11TMSRDN	1TMSRDYR	3/5
11TMSRTN	1	04-092-351	(J)	P/11TMSRTP	1TMSRST	3/5
11TMSRTP	1	04-092-251	(J)	P/11TMSRTN	1TMSRSTR	3/5
11TMSSLN	1	04-092-355	(J)	P/11TMSSLP	1TMSSSEL	3/5
11TMSSLP	1	04-092-255	(J)	P/11TMSSLN	1TMSSELR	3/5
11TMSSRN	0	04-092-156	(G)	P/11TMSSRP	1TMSSQT	3/5
11TMSSRP	0	04-092-056	(G)	P/11TMSSRN	1TMSSQTR	3/5
11TRCLKN	1	04-092-048	(G)	P/11TRCLKP	1CLK	3/5
11TRCLKP	1	04-092-148	(G)	P/11TRCLKN	1CLKR	3/5
11TRMDTN	1	04-092-051	(G)	P/11TRMDTP	1DOUTR	3/5
11TRMDTP	1	04-092-151	(G)	P/11TRMDTN	1DOUT	3/5

PART OF FS 6
SYMBOL (G) 6

MESSAGE SWITCH CABINET		DWG SIZE A	ISSUE 58
AT&T BELL LABORATORIES		SD-5D146-01	
PRINTED IN U. S. A.		86CE	

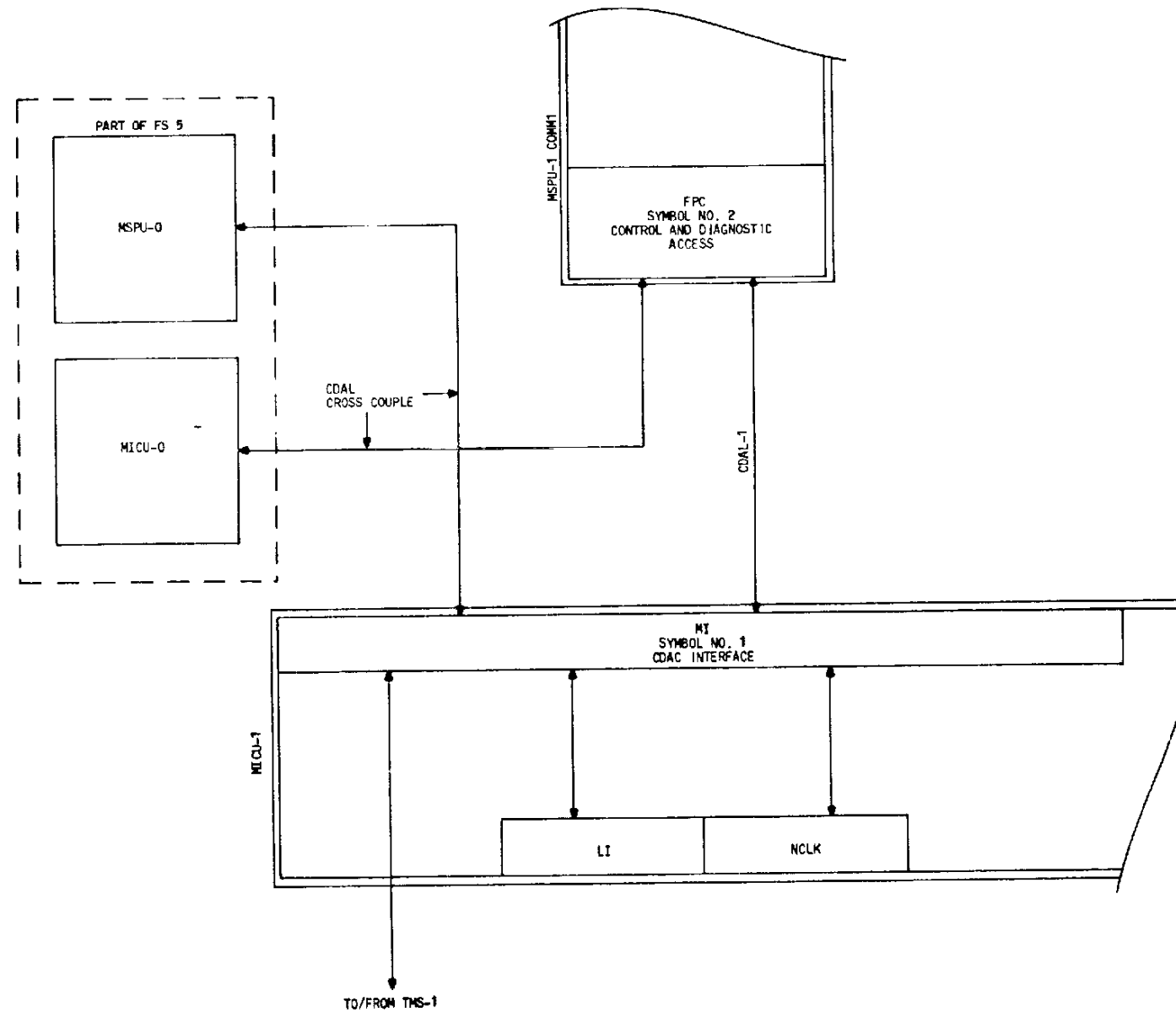
02/12/85

PART OF FS 6 1 CONTROL AND DIAGNOSTIC ACCESS LINK COMPOSITE DIAGRAM 1

NOTES:

FS 6 IS THE SIMPLEX CONTROL AND DIAGNOSTIC ACCESS LINK (CDAL) FUNCTION. THIS FUNCTION PROVIDES THE MESSAGE SWITCH CABINET WITH A MEANS OF SERVICING, INITIALIZING, AND CONTROLLING VARIOUS SUBDEVICES. THE SUBDEVICES, CONTROLLED BY THE FOUNDATION PERIPHERAL CONTROLLER (FPC) ARE, THE MESSAGE INTERFACE (MI), THE LINK INTERFACE (LI), THE NETWORK CLOCK (NCLK), AND THE TIME MULTIPLEX SWITCH (TMS). FOR GREATER MESSAGE SWITCH RELIABILITY THE CABINET PROVIDES A DUPLEX CDAL FUNCTION CROSS COUPLED BETWEEN THE FPC AND THE MI.

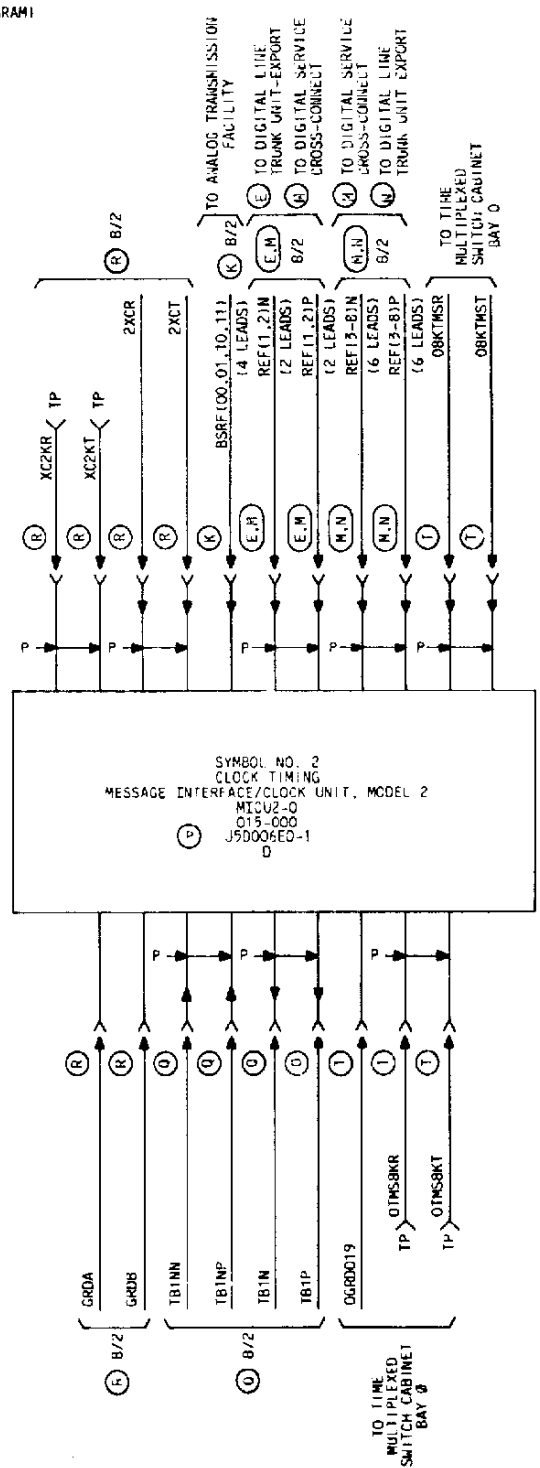
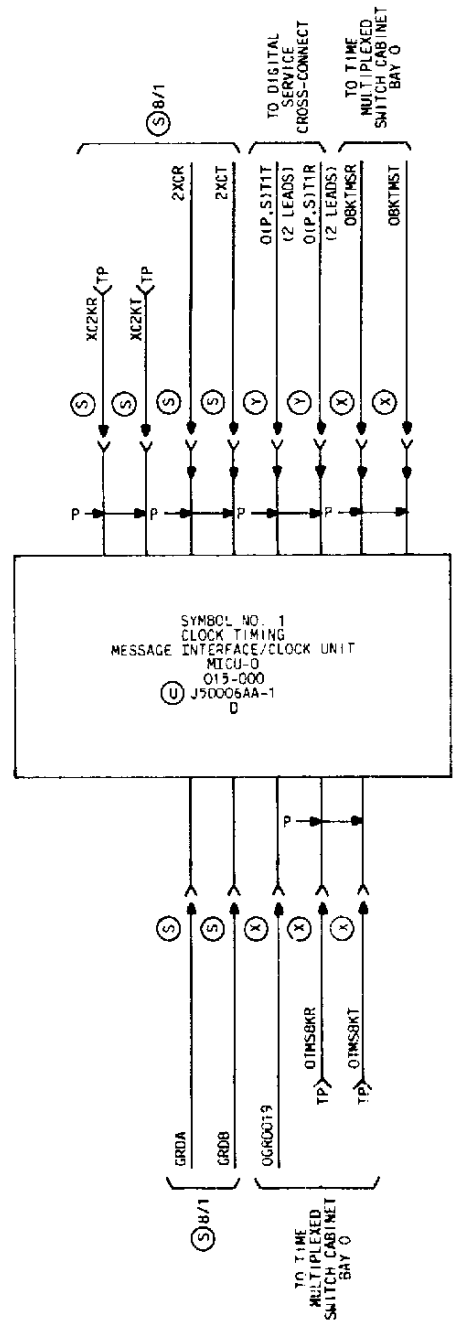
THE LINK BETWEEN THE MI AND THE FPC CONSISTS OF A SERIAL TRANSMIT DATA, SERIAL RECEIVE DATA, TRANSMIT CLOCK, FOUR DEVICE SELECTS, AND FOUR DEVICE INTERRUPTS TO THE FPC. THE MI MULTIPLEXERS THE TRANSMIT DATA, RECEIVE DATA AND CLOCK FOR ALL OTHER SUBDEVICES. THE FOUR SELECT SIGNALS ARE USED BY THE FPC TO INDICATE WHICH SUBDEVICE IT IS COMMUNICATING WITH. THE FOUR INTERRUPTS GOING TO THE FPC ARE FROM EACH OF THE FOUR SUBDEVICES. THESE INTERRUPTS ARE USED BY THE SUBDEVICES TO SIGNAL THE FPC FOR SERVICING.



MESSAGE SWITCH CABINET		
DWG SIZE 00	ISSUE 2A	
AT&T BELL LABORATORIES	SD-50146-01	SHEET B63A

PART OF FS 7

0 NETWORK CLOCK TIMING
(P/O INTERCONNECTION & FLOW DIAGRAM)



MESSAGE SWITCH CABINET		
AT&T BELL LABORATORIES	SD-5D146-01	ISSUE 6M SHEET B7AA

Copyright © 1987 AT&T
All Rights Reserved

PART OF FS 7 0 NETWORK CLOCK TIMING

SYMBOL NO. 1 CLOCK TIMING MESSAGE INTERFACE/CLOCK UNIT

DESIG	EQPT	CODE	ELEM	OPT
LOC	LOC		IDENT	
MICU-0	015-000	JSD006AA-1	D	(U)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
GRDA	GRD	04-158-216	(S)	(S)8/1		GRD04158	4/1
GRDB	GRD	04-174-216	(S)	(S)8/1		GRD04174	4/3
XC2KR	TP	04-158-217	(S)	(S)8/1	P/XC2KT	XC2KR	4/1
XC2KT	TP	04-158-218	(S)	(S)8/1	P/XC2KR	XC2KT	4/1
OCRD019	GRD	04-158-219	(X)	(X)7/1 TO TIME MULTIPLEXED SWITCH CABINET BAY 0		GRD04158	4/1
	GRD	04-174-219	(X)	(X)7/1 TO TIME MULTIPLEXED SWITCH CABINET BAY 0		GRD04174	4/3
OPT1R	I	04-174-254	(Y)	TO DIGITAL SERVICE CROSS-CONNECT	P/OPT1T	PT1R	4/3
OPT1T	I	04-174-255	(Y)	TO DIGITAL SERVICE CROSS-CONNECT	P/OPT1R	PT1T	4/3
OST1R	I	04-174-207	(Y)	TO DIGITAL SERVICE CROSS-CONNECT	P/OST1T	ST1R	4/3
OST1T	I	04-174-208	(Y)	TO DIGITAL SERVICE CROSS-CONNECT	P/OST1R	ST1T	4/3
OTMS8KR	TP	04-158-220	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMS8KT	TMS8KR	4/1
OTMS8KT	TP	04-158-221	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMS8KR	TMS8KT	4/1
08KTM8R	I	04-174-220	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/08KTM8T	8KTM8R	4/3
08KTM8T	I	04-174-221	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/08KTM8R	8KTM8T	4/3
ZXCR	I	04-174-217	(S)	(S)8/1	P/ZXCT	ZXCR	4/3
ZXCT	I	04-174-218	(S)	(S)8/1	P/ZXCR	ZXCT	4/3

SYMBOL NO. 2 CLOCK TIMING MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQPT	CODE	ELEM	OPT
LOC	LOC		IDENT	
MICU2-0	015-000	JSD006ED-1	D	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
BSRF00	I	02-162B-015	(K)	(K)8/2 TO ANALOG TRANSMISSION FACILITY		BSRF00	4/3
BSRF01	I	02-162B-116	(K)	TO ANALOG TRANSMISSION FACILITY		BSRF01	4/3
BSRF10	I	02-137B-015	(K)	(K)8/2 TO ANALOG TRANSMISSION FACILITY		BSRF10	4/1

SYMBOL NO. 2 (CONT) CLOCK TIMING MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQPT	CODE	ELEM	OPT
LOC	LOC		IDENT	
MICU2-0	015-000	JSD006ED-1	D	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
BSRF11	I	02-137B-116	(K)	(K)8/2 TO ANALOG TRANSMISSION FACILITY		BSRF11	4/1
GRDA	GRD	04-130-216	(R)	(R)8/2		GRD04130	4/4
GRDB	GRD	04-152-216	(R)	(R)8/2		GRD04152	4/3
NCKALO	I	04-176-237	(O)	(O)9/6	P/REF1P	FUSEALM	4/4
REF1N	I	04-152-354	(E)	(E)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT		REF1N	4/3
	I	06-162B-053	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF1P	REF1N	4/3
REF1P	I	04-152-355	(E)	(E)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF1N	REF1P	4/3
	I	06-162B-154	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF1N	REF1P	4/3
REF2N	I	02-162A-007	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF2P	REF2N	4/3
	I	04-152-307	(E)	(E)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF2P	REF2N	4/3
REF2P	I	02-162A-108	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF2N	REF2P	4/3
	I	04-152-308	(E)	(E)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF2N	REF2P	4/3
REF3N	I	04-152-339	(N)	(N)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF3P	REF3N	4/3
	I	06-162A-038	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF3P	REF3N	4/3
REF3P	I	04-152-340	(N)	(N)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF3N	REF3P	4/3
	I	06-162A-139	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF3N	REF3P	4/3
REF4N	I	02-162C-023	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF4P	REF4N	4/3
	I	04-152-322	(N)	(N)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF4P	REF4N	4/3
REF4P	I	02-162C-124	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF4N	REF4P	4/3
	I	04-152-323	(N)	(N)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF4N	REF4P	4/3
REF5N	I	04-130-354	(N)	(N)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF5P	REF5N	4/1

SYMBOL NO. 2 (CONT) CLOCK TIMING MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQPT	CODE	ELEM	OPT
LOC	LOC		IDENT	
MICU2-0	015-000	JSD006ED-1	D	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	I	06-137B-053	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF5P	REF5N	4/1
REF5P	I	04-130-355	(N)	(N)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF5N	REF5P	4/1
	I	06-137B-154	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF5N	REF5P	4/1
REF6N	I	02-137A-007	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF6P	REF6N	4/1
	I	04-130-307	(N)	(N)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF6P	REF6N	4/1
REF6P	I	02-137A-108	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF6N	REF6P	4/1
	I	04-130-308	(N)	(N)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF6N	REF6P	4/1
REF7N	I	04-130-339	(N)	(N)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF7P	REF7N	4/1
	I	06-137A-038	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF7P	REF7N	4/1
REF7P	I	04-130-340	(N)	(N)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF7N	REF7P	4/1
	I	06-137A-139	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF7N	REF7P	4/1
REF8N	I	02-137C-023	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF8P	REF8N	4/1
	I	04-130-322	(N)	(N)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF8P	REF8N	4/1
REF8P	I	02-137C-124	(M)	(M)8/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF8N	REF8P	4/1
	I	04-130-323	(N)	(N)8/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF8N	REF8P	4/1
TB1N	O	04-176-034	(O)	(O)7/2	P/TB1P	TB1N	4/4

PART OF FS 7
SYMBOL(S) 1 2

COPYRIGHT © 1987 AT&T ALL RIGHTS RESERVED		
MESSAGE SWITCH CABINET		DWG SIZE CZ
AT&T BELL LABORATORIES		ISSUE 6M
SD-5D146-01		B7CA

PART OF FS 7
Q NETWORK CLOCK TIMING

SYMBOL NO. 2 (CONT)

CLOCK TIMING
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQUIP LOC	CODE	ELEM IDENT	OPT
MICU2-0	015-000	JSD006ED-1	D	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
TB1P	I	04-142-334	(O)	(O) 7/2	P/TB1P	TB1NN	4/2
	O	04-176-035	(O)	(O) 7/2	P/TN1N	TB1P	4/4
XZCR	I	04-142-335	(O)	(O) 7/2	P/TB1N	TB1NP	4/2
XZCT	TP	04-130-217	(R)	(R) 8/2	P/XZCT	XCPLOD	
	TP	04-130-218	(R)	(R) 8/2	P/XZCR	XCPLOP	
GROD019	GRD	04-130-219	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0		GROD0130	
OTMS&KR	TP	04-130-220	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMS&KT	TMSDN	
OTMS&KT	TP	04-130-221	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/OTMS&KR	TMSOP	
O&KTHSR	I	04-152-220	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/O&KTHST	TMSRTNN	4/2
O&KTHST	I	04-152-221	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/O&KTHSR	TMSRTNP	4/2
ZXCR	I	04-152-217	(R)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/ZXCT	XCPINN	4/2
ZXCT	I	04-152-218	(R)	TO TIME MULTIPLEXED SWITCH CABINET BAY 0	P/ZXCR	XCPINP	4/2

NOTE(S):

- SEE NET TB1NN &/2. NETS TB1N AND TB1NN ARE CROSS-COUPLED LEADS.
- SEE NET TB1NP &/2. NETS TB1P AND TB1NP ARE CROSS-COUPLED LEADS.
- SEE NET ZXCR &/2. NETS ZXCR AND ZKCR ARE CROSS COUPLED LEADS.
- SEE NET ZXCT &/2. NETS ZXCT AND ZKCT ARE CROSS-COUPLED LEADS.

PART OF FS 7
SYMBOL(S) 2

COPYRIGHT © 1987 AT&T ALL RIGHTS RESERVED		
MESSAGE SWITCH CABINET	DWG SIZE C2	ISSUE 6M
AT&T BELL LABORATORIES	SD-5D146-01	B7CB

COPYRIGHT (C) 1987 AT&T ALL RIGHTS RESERVED			
MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		C2	6M
AT&T BELL LABORATORIES	SD-5D146-01		B7CB

0 1 2 3 4 5 6 7 8 9

A

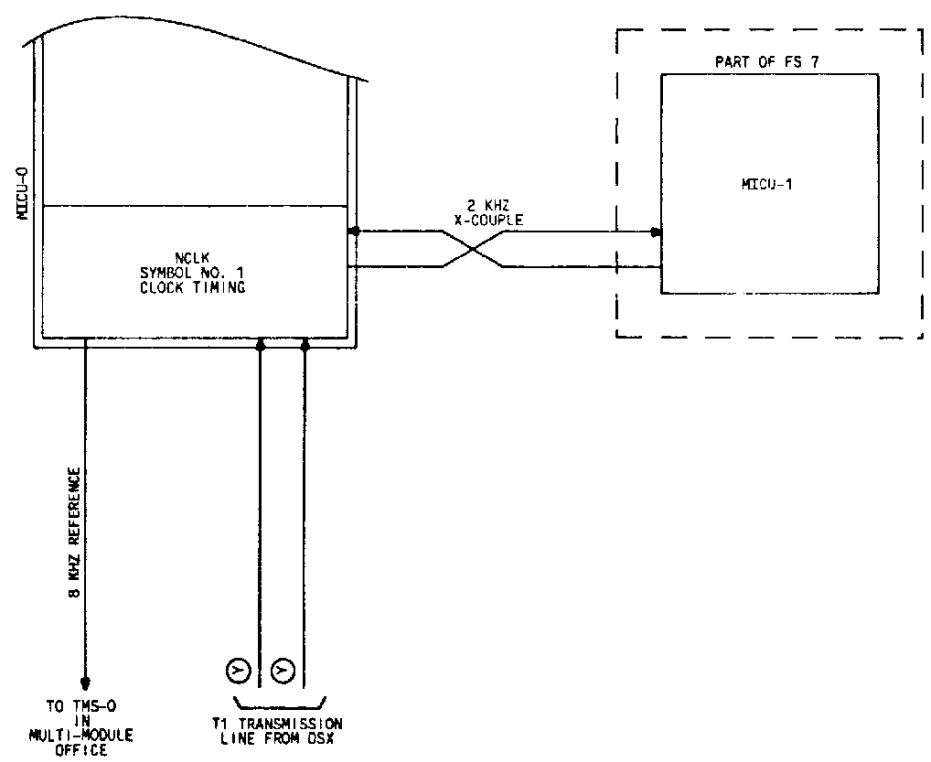
PART OF FS 7
0 NETWORK CLOCK TIMING
COMPOSITE DIAGRAM 1

NOTES:

THE NETWORK CLOCK (NCLK) TIMING PROVIDES THE MESSAGE SWITCH WITH A MEANS OF SYNCHRONIZING THE 5 ESS OFFICE TO OTHER SWITCHING SYSTEMS. THE 5 ESS OFFICE IS NORMALLY RUN WITH STAND ALONE NCLK SYNCHRONIZATION HOWEVER, WITH CIRCUIT PACK CHANGES IN THE MESSAGE INTERFACE AND CLOCK UNIT (MCI/CU) ALONG WITH A CORRESPONDING CABLING OPTION THE NCLK CAN BE EXTERNALLY SYNCHRONIZED TO INCOMING T1 TRANSMISSION LINES. FOR GREATER MESSAGE SWITCH RELIABILITY THE CABINET PROVIDES A DUPLEX NCLK TIMING FUNCTION WITH CROSS COUPLING BETWEEN EACH SIDE.

THE STAND ALONE NCLK USES AN ON-BOARD OSCILLATOR TO PRODUCE AN 8 KHZ CLOCK SENT TO THE LINK INTERFACE (LI) IN THE SINGLE MODULE OFFICE OR TO THE TIME MULTIPLEX SWITCH (TMS) IN THE MULTI-MODULE OFFICE. THE LI OR TMS USE THE 8 KHZ CLOCK TO PROVIDE SYNCHRONIZATION WITHIN THE OFFICE THROUGH THE NETWORK CONTROL AND TIMING LINKS. A 2 KHZ CROSS COUPLE IS PROVIDED BETWEEN THE NCLKS FOR BETTER MESSAGE SWITCH RELIABILITY OF THE NCLK FUNCTION.

THE EXTERNALLY SYNCHRONIZED NCLK USES INCOMING T1 TRANSMISSION LINES AS ITS REFERENCE SOURCE TO PRODUCE THE 8 KHZ CLOCK. IN THIS CONFIGURATION THE MESSAGE SWITCH CABINET OPTION (Y) MUST BE INSTALLED FOR THE CONNECTION TO THE DIGITAL SIGNAL CROSS-CONNECT (DSX).

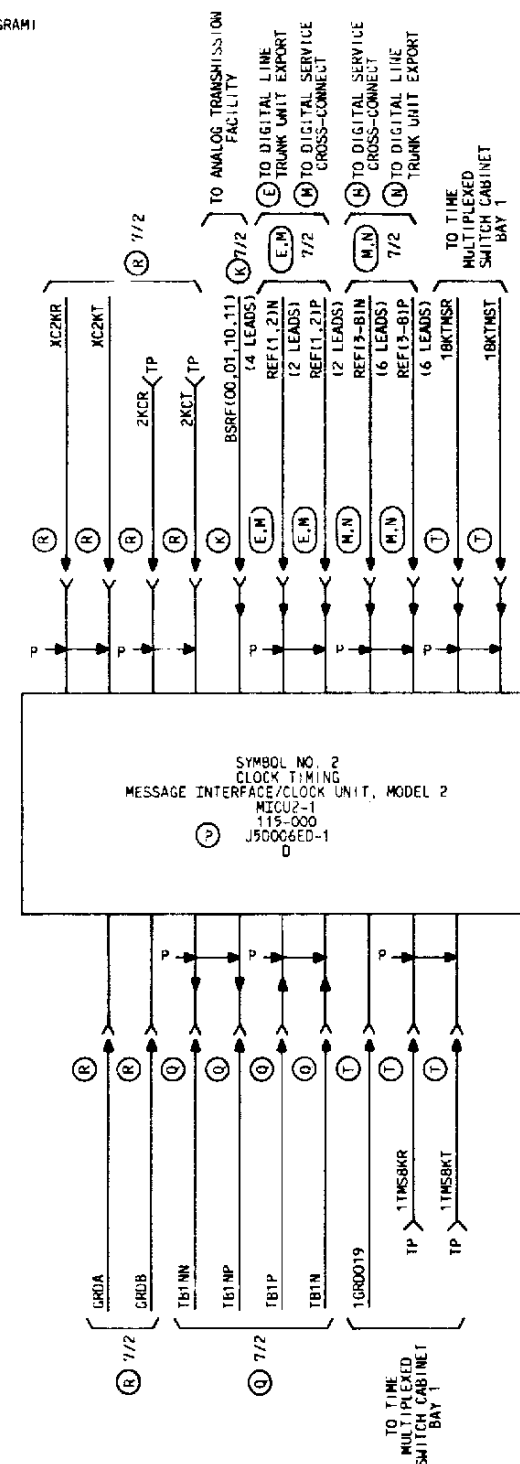
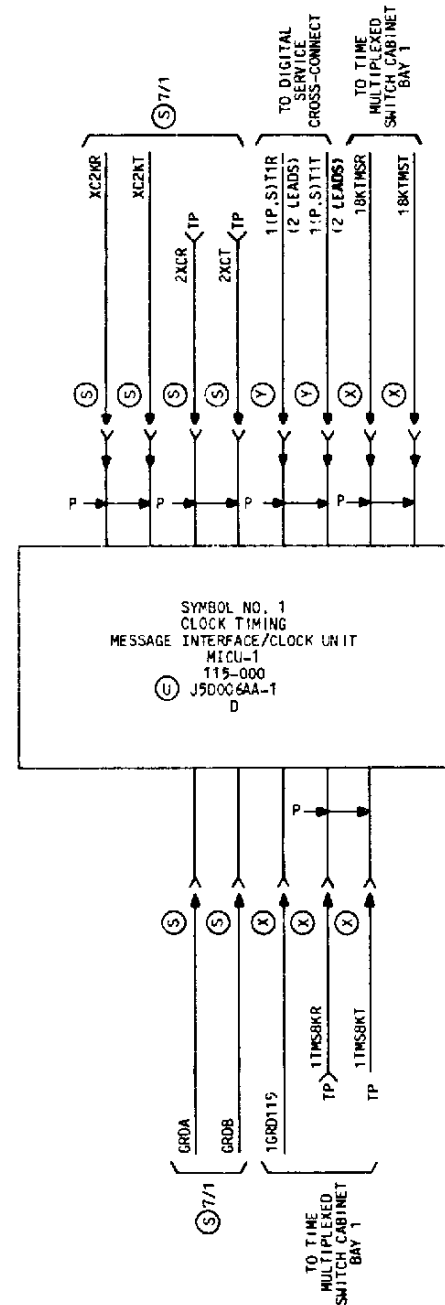


0 1 2 3 4 5 6 7 8 9

MESSAGE SWITCH CABINET		DWG SIZE 18	ISSUE 2A
AT&T BELL LABORATORIES	SD-50146-01	SHEET B7GA	

PART OF FS 8

1. NETWORK CLOCK TIMING
(P/O INTERCONNECTION & FLOW DIAGRAM)



Copyright © 1987 AT&T
All Rights Reserved

MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		88	6M
AT&T BELL LABORATORIES	SD-5DI46-01	SHEET B8AA	

PART OF FS 8 1 NETWORK CLOCK TIMING

SYMBOL NO. 1 CLOCK TIMING MESSAGE INTERFACE/CLOCK UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MICU-1	115-000	J5D006AA-1	D	(U)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
GRDA	GRD	04-174-216	(S)	(S)7/1		GRD04174	4/3
GRDB	GRD	04-158-216	(S)	(S)7/1		GRD04158	4/1
XC2KR	I	04-174-217	(S)	(S)7/1	P/XC2KT	2XCR	4/3
XC2KT	I	04-174-218	(S)	(S)7/1	P/XC2KR	2XCT	4/3
1GRD119	GRD	04-158-219	(X)	(X)8/1 TO TIME MULTIPLEXED SWITCH CABINET BAY 1		GRD04158	4/1
	GRD	04-174-219	(X)	(X)8/1 TO TIME MULTIPLEXED SWITCH CABINET BAY 1		GRD04174	4/3
1PT1R	I	04-174-254	(Y)	TO DIGITAL SERVICE CROSS-CONNECT TO DIGITAL SERVICE CROSS-CONNECT	P/1PT1T	PT1R	4/3
1PT1T	I	04-174-255	(Y)	TO DIGITAL SERVICE CROSS-CONNECT TO DIGITAL SERVICE CROSS-CONNECT	P/1PT1R	PT1T	4/3
1ST1R	I	04-174-207	(Y)	TO DIGITAL SERVICE CROSS-CONNECT TO DIGITAL SERVICE CROSS-CONNECT	P/1ST1T	ST1R	4/3
1ST1T	I	04-174-208	(Y)	TO DIGITAL SERVICE CROSS-CONNECT TO DIGITAL SERVICE CROSS-CONNECT	P/1ST1R	ST1T	4/3
1TMS8KR	TP	04-158-220	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMS8KT	TMS8KR	4/1
1TMS8KT	TP	04-158-221	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMS8KR	TMS8KT	4/1
18KTHSR	I	04-174-220	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/18KTHST	8KTHSR	4/3
18KTHST	I	04-174-221	(X)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/18KTHSR	8KTHST	4/3
2XCR	TP	04-158-217	(S)	(S)7/1	P/2XCT	XC2KR	4/1
2XCT	TP	04-158-218	(S)	(S)7/1	P/2XCR	XC2KT	4/1

SYMBOL NO. 2 CLOCK TIMING MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MICU2-1	115-000	J5D006ED-1	D	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
BSRF00	I	02-162B-015	(K)	(K)7/2 TO ANALOG TRANSMISSION FACILITY		BSRF00	4/3
BSRF10	I	02-137B-015	(K)	(K)7/2 TO ANALOG TRANSMISSION FACILITY		BSRF10	4/1
BSRF11	I	02-137B-116	(K)	(K)7/2 TO ANALOG TRANSMISSION FACILITY		BSRF11	4/1

SYMBOL NO. 2 (CONT) CLOCK TIMING MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MICU2-1	115-000	J5D006ED-1	D	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	I	02-162B-116	(K)	(K)7/2 TO ANALOG TRANSMISSION FACILITY		BSRF01	4/3
GRDA	GRD	04-152-216	(R)	(R)7/2		GRD04152	4/3
GRDB	GRD	04-130-216	(R)	(R)7/2		GRD04130	4/3
NCKAL1	I	04-176-237	(Q)	(Q)10/6	P/REF1P	FUSEALM	4/4
REF1N	I	04-152-354	(E)	(E)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT		REF1N	4/3
	I	06-162B-053	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF1P	REF1N	4/3
REF1P	I	04-152-355	(E)	(E)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF1N	REF1P	4/3
	I	06-162B-154	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF1N	REF1P	4/3
REF2N	I	02-162A-007	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF2P	REF2N	4/3
	I	04-152-307	(E)	(E)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF2P	REF2N	4/3
REF2P	I	02-162A-108	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF2N	REF2P	4/3
	I	04-152-308	(E)	(E)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF2N	REF2P	4/3
REF3N	I	04-152-339	(N)	(N)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF3P	REF3N	4/3
	I	06-162A-038	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF3P	REF3N	4/3
REF3P	I	04-152-340	(N)	(N)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF3N	REF3P	4/3
	I	06-162A-139	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF3N	REF3P	4/3
REF4N	I	02-162C-023	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF4P	REF4N	4/3
	I	04-152-322	(N)	(N)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF4P	REF4N	4/3
REF4P	I	02-162C-124	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF4N	REF4P	4/3
	I	04-152-323	(N)	(N)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF4N	REF4P	4/3
REF5N	I	04-130-354	(N)	(N)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF5P	REF5N	4/1

SYMBOL NO. 2 (CONT) CLOCK TIMING MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MICU2-1	115-000	J5D006ED-1	D	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	I	06-137B-053	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF5P	REF5N	4/1
REF5P	I	04-130-355	(N)	(N)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF5N	REF5P	4/1
	I	06-137B-154	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF5N	REF5P	4/1
REF6N	I	02-137A-007	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF6P	REF6N	4/1
	I	04-130-307	(N)	(N)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF6P	REF6N	4/1
REF6P	I	02-137A-108	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF6N	REF6P	4/1
	I	04-130-308	(N)	(N)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF6N	REF6P	4/1
REF7N	I	04-130-339	(N)	(N)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF7P	REF7N	4/1
	I	06-137A-038	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF7P	REF7N	4/1
REF7P	I	04-130-340	(N)	(N)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF7N	REF7P	4/1
	I	06-137A-139	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF7N	REF7P	4/1
REF8N	I	02-137C-023	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF8P	REF8N	4/1
	I	04-130-322	(N)	(N)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF8P	REF8N	4/1
REF8P	I	02-137C-124	(M)	(M)7/2 TO DIGITAL SERVICE CROSS-CONNECT	P/REF8N	REF8P	4/1
	I	04-130-323	(N)	(N)7/2 TO DIGITAL LINE TRUNK UNIT EXPORT	P/REF8N	REF8P	4/1
TB1NH	D	04-176-034	(Q)	(Q)8/2	P/TB1NP	TB1N	4/4

PART OF FS 8
SYMBOL(S) 1 2

COPYRIGHT (C) 1987 AT&T ALL RIGHTS RESERVED		
MESSAGE SWITCH CABINET		ISSUE 6M
AT&T BELL LABORATORIES	SD-5D146-01	B8CA

PART OF FS 8
1 NETWORK CLOCK TIMING

SYMBOL NO. 2 (CONT)

CLOCK TIMING
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQPT	LOC	CODE	ELEM	IDENT	OPT
MICU2-1	115-000	350006ED-1		D		(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
TB1NP	I	04-142-334	(Q)	(Q)8/2	P/TB1NP	TB1NN	4/2
	O	04-176-035	(Q)	(Q)8/2	P/TB1NN	TB1P	4/4
XC2KR	I	04-142-335	(Q)	(Q)5/2	P/TB1NN	TB1NP	4/2
XC2KT	I	04-152-217	(R)	(R)7/2	P/XC2KT	XCPLINN	4/2
	I	04-152-218	(R)	(R)7/2	P/XC2KR	XCPLINP	4/2
1GRD119	GRD	04-130-219	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1		GRD04130	
1TMS&KR	TP	04-130-220	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMS&KT	TMSON	
1TMS&KT	TP	04-130-221	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1TMS&KR	TMSOP	
1&KTMSR	I	04-152-220	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1&KTMS	TMSRTNN	4/2
1&KTMS	I	04-152-221	(T)	TO TIME MULTIPLEXED SWITCH CABINET BAY 1	P/1&KTMSR	TMSRTNP	4/2
2KCR	TP	04-130-217	(R)		P/2KCT	XCPLON	
2KCT	TP	04-130-218	(R)		P/2KCR	XCPLDP	

NOTE(S):

1. SEE NET TB1N 7/2. NETS TB1NN AND TB1N ARE CROSS-COUPLED LEADS.
2. SEE NET TB1P 7/2. NETS TB1NP AND TB1P ARE CROSS-COUPLED LEADS.
3. SEE NET 2KCR 7/2. NETS 2KCR AND 2XCR ARE CROSS-COUPLED LEADS.
4. SEE NET 2XCT 7/2. NETS 2KCT AND 2XCT ARE CROSS-COUPLED LEADS.

PART OF FS 8
SYMBOL(S) Z

COPYRIGHT © 1987 AT&T ALL RIGHTS RESERVED		
MESSAGE SWITCH CABINET		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 6M
SD-5D146-01		B8CB

0 1 2 3 4 5 6 7 8 9

A

31.25

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

339

340

341

342

343

344

345

346

347

348

349

350

351

352

353

354

355

356

357

358

359

360

361

362

363

364

365

366

367

368

369

370

371

372

373

374

375

376

377

378

379

380

381

382

383

384

385

386

387

388

389

390

391

392

393

394

395

396

397

398

399

400

401

402

403

404

405

406

407

408

409

410

411

412

413

414

415

416

417

418

419

420

421

422

423

424

425

426

427

428

429

430

431

432

433

434

435

436

437

438

439

440

441

442

443

444

445

446

447

448

449

450

451

452

453

454

455

456

457

458

459

460

461

462

463

464

465

466

467

468

469

470

471

472

473

474

475

476

477

478

479

480

481

482

483

484

485

486

487

488

489

490

491

492

493

494

495

496

497

498

499

500

501

502

503

504

505

506

507

508

509

510

511

512

513

514

515

516

517

518

519

520

521

522

523

524

525

526

527

528

529

530

531

532

533

534

535

536

537

538

539

540

541

542

543

544

545

546

547

548

549

550

551

552

553

554

555

556

557

558

559

560

561

562

563

564

565

566

567

568

569

570

571

572

573

574

575

576

577

578

579

580

581

582

583

584

585

586

587

588

589

590

591

592

593

594

595

596

597

598

599

600

601

602

603

604

605

606

607

608

609

610

611

612

613

614

615

616

617

618

619

620

621

622

623

624

625

626

627

628

629

630

631

632

633

634

635

636

637

638

639

640

641

642

643

644

645

646

647

648

649

650

651

652

653

654

655

656

657

658

659

660

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

677

678

679

680

681

682

683

684

685

686

687

688

689

690

691

692

693

694

695

696

697

698

699

700

701

702

703

704

705

706

707

708

709

710

711

712

713

714

715

716

717

718

719

720

721

722

723

724

725

726

727

728

729

730

731

732

733

734

735

736

737

738

739

740

741

742

743

744

745

746

747

748

749

750

751

752

753

754

755

756

757

758

759

760

761

762

763

764

765

766

767

768

769

770

771

772

773

774

775

776

777

778

779

780

781

782

783

784

785

786

787

788

789

790

791

792

793

794

795

796

797

798

799

800

801

802

803

804

805

806

807

808

809

810

811

812

813

814

815

816

817

818

819

820

821

822

823

824

825

826

827

828

829

830

831

832

833

834

835

836

837

838

839

840

841

842

843

844

845

846

847

848

849

850

851

852

853

854

855

856

857

858

859

860

861

862

863

864

865

866

867

868

869

870

871

872

873

874

875

876

877

878

879

880

881

882

883

884

885

886

887

888

889

890

891

892

893

894

895

896

897

898

899

900

901

902

903

904

905

906

907

908

909

910

911

912

913

914

915

916

917

918

919

920

921

922

923

924

925

926

927

928

929

930

931

932

933

934

935

936

937

938

939

940

941

942

943

944

945

946

947

948

949

950

951

952

953

954

955

956

957

958

959

960

961

962

963

964

965

966

967

968

969

970

971

972

973

974

975

976

977

978

979

980

981

982

983

984

985

986

987

988

989

990

991

992

993

994

995

996

997

998

999

1000

1001

1002

1003

1004

1005

1006

1007

1008

1009

1010

1011

1012

1013

1014

1015

1016

1017

1018

1019

1020

1021

1022

1023

1024

1025

1026

1027

1028

1029

1030

1031

1032

1033

1034

1035

1036

1037

1038

1039

1040

1041

1042

1043

1044

1045

1046

1047

1048

1049

1050

1051

1052

1053

1054

1055

1056

1057

1058

1059

1060

1061

1062

1063

1064

1065

1066

1067

1068

1069

1070

1071

1072

1073

1074

1075

1076

1077

1078

1079

1080

1081

1082

1083

1084

1085

1086

1087

1088

1089

1090

1091

1092

1093

1094

1095

1096

1097

1098

1099

1100

1101

1102

1103

1104

1105

1106

1107

1108

1109

1110

1111

1112

1113

1114

1115

1116

1117

1118

1119

1120

1121

1122

1123

1124

1125

1126

1127

1128

1129

1130

1131

1132

1133

1134

1135

1136

1137

1138

1139

1140

1141

1142

1143

1144

1145

1146

1147

1148

1149

1150

1151

1152

1153

1154

1155

1156

1157

1158

1159

1160

1161

1162

1163

1164

1165

1166

1167

1168

1169

1170

1171

1172

1173

1174

1175

1176

1177

1178

1179

1180

1181

1182

1183

1184

1185

1186

1187

1188

1189

1190

1191

1192

1193

1194

1195

1196

1197

1198

1199

1200

1201

1202

1203

1204

1205

1206

1207

1208

1209

1210

1211

1212

1213

1214

1215

1216

1217

1218

1219

1220

1221

1222

1223

1224

1225

1226

1227

1228

1229

1230

1231

1232

1233

1234

1235

1236

1237

1238

1239

1240

1241

1242

1243

1244

1245

1246

1247

1248

1249

1250

1251

1252

1253

1254

1255

1256

1257

1258

1259

1260

1261

1262

1263

1264

1265

1266

1267

1268

1269

1270

1271

1272

1273

1274

1275

1276

1277

1278

1279

1280

1281

1282

1283

1284

1285

1286

1287

1288

1289

1290

1291

1292

1293

1294

1295

1296

1297

1298

1299

1300

1301

1302

1303

1304

1305

1306

1307

1308

1309

1310

1311

1312

1313

1314

1315

1316

1317

1318

1319

1320

1321

1322

1323

1324

1325

1326

1327

1328

1329

1330

1331

1332

1333

1334

1335

1336

1337

1338

1339

1340

1341

1342

1343

1344

1345

1346

1347

1348

1349

1350

1351

1352

1353

1354

1355

1356

1357

1358

1359

1360

1361

1362

1363

1364

1365

1366

1367

1368

1369

1370

1371

1372

1373

1374

1375

1376

1377

1378

1379

1380

1381

1382

1383

1384

1385

1386

1387

1388

1389

1390

1391

1392

1393

1394

1395

1396

1397

1398

1399

1400

1401

1402

1403

1404

1405

1406

1407

1408

1409

1410

1411

1412

1413

1414

1415

1416

1417

1418

1419

1420

1421

1422

1423

1424

1425

1426

1427

1428

1429

1430

1431

1432

1433

1434

1435

1436

1437

1438

1439

1440

1441

1442

1443

1444

1445

1446

1447

1448

1449

1450

1451

1452

1453

1454

1455

1456

1457

1458

1459

1460

1461

1462

1463

1464

1465

1466

1467

1468

1469

1470

1471

1472

1473

1474

1475

1476

1477

1478

1479

1480

1481

1482

1483

1484

1485

1486

1487

1488

1489

1490

1491

1492

1493

1494

1495

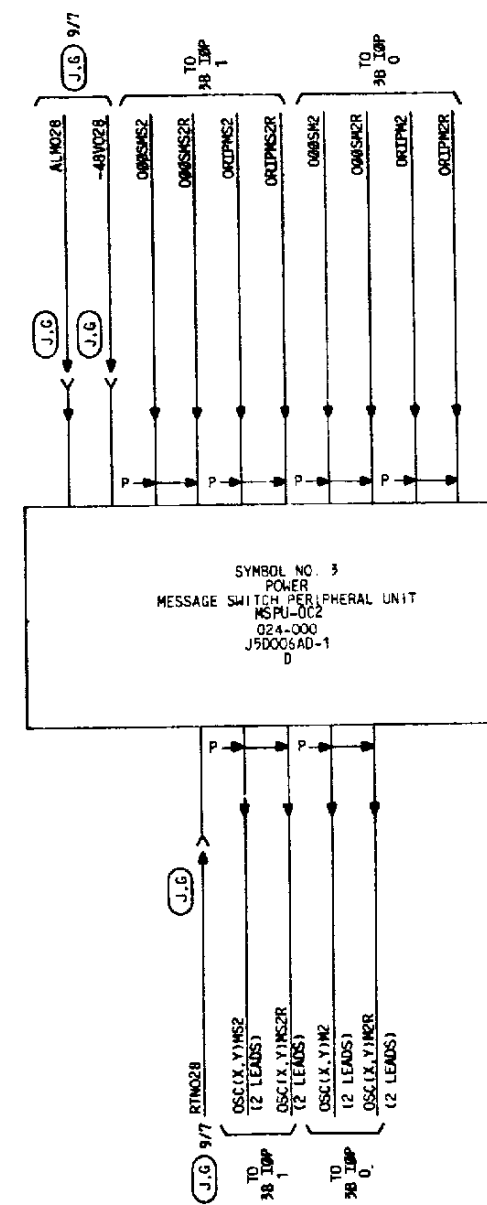
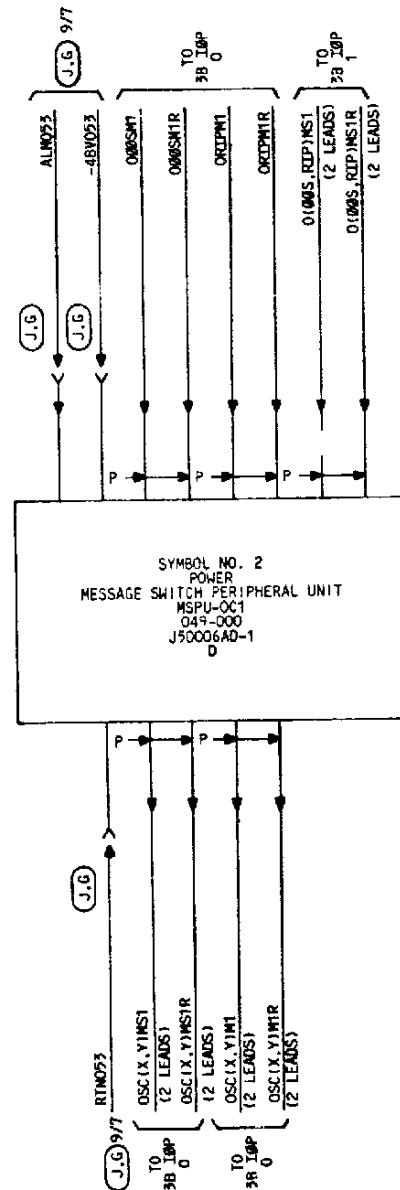
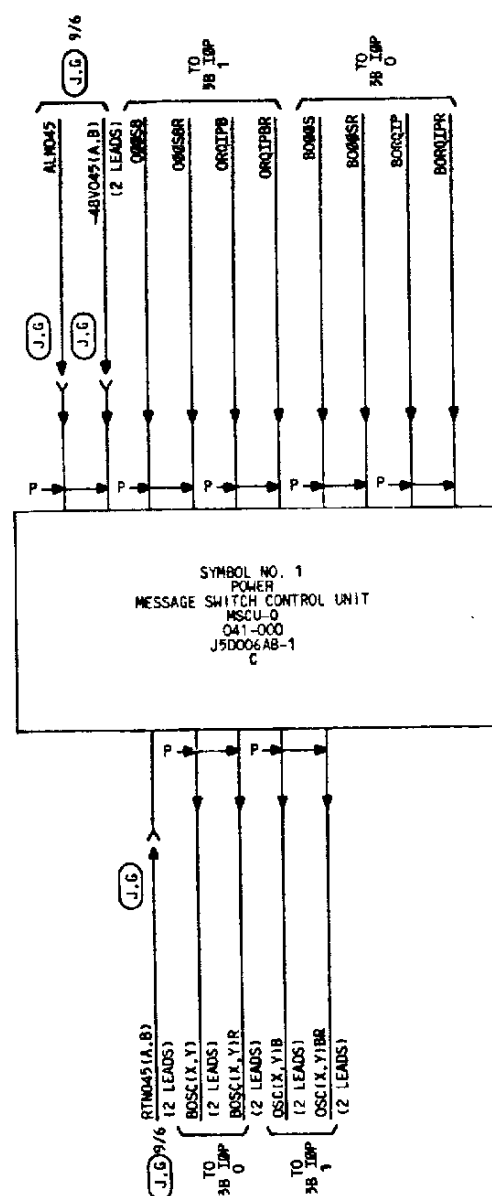
1496

1497

1498

PART OF FS 9

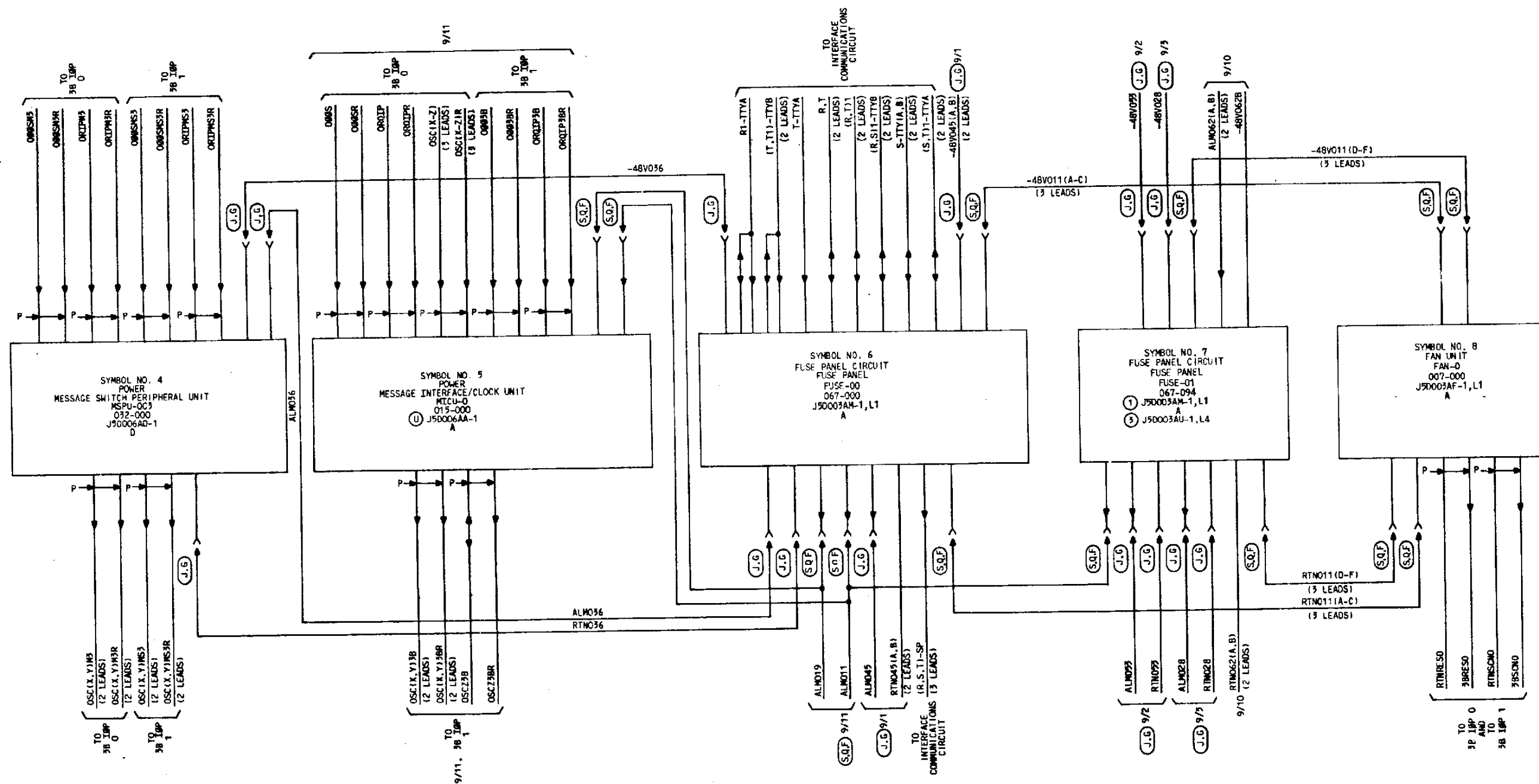
Q POWER ACCESS AND CONTROL
(P/O INTERCONNECTION & FLOW DIAGRAM)



MESSAGE SWITCH CABINET		OWN SIZE	ISSUE
		8	58
3D-5D146-01		B9AA	

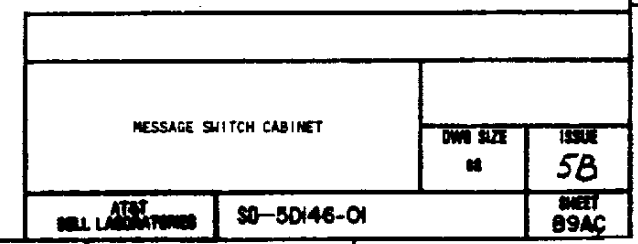
PART OF FS 9

0 POWER ACCESS AND CONTROL
(P/O INTERCONNECTION & FLOW DIAGRAM)

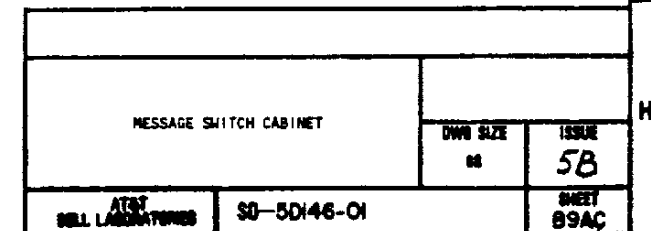


MESSAGE SWITCH CABINET		DWG SIZE 11	ISSUE 58
AT&T BELL LABORATORIES		SD-50146-01	B9A8

0 POWER ACCESS AND CONTROL
(P/O INTERCONNECTION & FLOW DIAGRAM)



D POWER ACCESS AND CONTROL
(P/O INTERCONNECTION & FLOW DIAGRAM)



PART OF FS 9 0 POWER ACCESS AND CONTROL

SYMBOL NO. 6
FUSE PANEL CIRCUIT
FUSE PANEL

DESIG EOPT LOC CODE ELEM IDENT OPT
FUSE-00 067-000 J50003AM-1,L1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	PWR	02-020-01				10184B	1/12
	PWR	02-020-03				10184T	1/12
	PWR	02-020-11				10183B	1/12
	PWR	02-020-13				10183T	1/12
	PWR	02-020-15				30428B	1/12
	PWR	02-020-21				10182B	1/12
	PWR	02-020-23				10182T	1/12
	PWR	02-020-25				30427B	1/12
	PWR	02-020-31				10181B	1/12
	PWR	02-020-33				10181T	1/12
	PWR	02-020-35				30426B	1/12
	PWR	02-020-51				10423B	1/12
	PWR	02-072-01				10422B	1/13
	PWR	02-072-11				10421B	1/13
	PWR	02-072-15				30424B	1/13
	PWR	02-072-21				10664B	1/13
	PWR	02-072-25				30423B	1/13
	PWR	02-072-31				10663B	1/13
	PWR	02-072-35				30422B	1/13
	PWR	02-072-41				10662B	1/13
	PWR	02-072-42				10662T	1/13
	PWR	02-072-45				30421B	1/13
	PWR	02-072-51				10661B	1/13
	PWR	02-072-53				10661T	1/13
	PWR	03-041--48				-48B00	1/1
	PWR	03-041--48				-48A00	1/1
	PWR	03-050--48				-48B10	1/2
	PWR	03-050--48				-48A10	1/2
	O	01-043-201				ALM018	2/2
	O	01-043-202				ALM420	2/2
	O	01-043-203				ALM421	2/2
	O	01-043-204				ALM066	2/2
	I	01-043-101				TST018	2/2
	I	01-043-102				TST420	2/2
	I	01-043-103				TST421	2/2
	I	01-043-104				TST066	2/2
	I	01-043-301				TST018	2/2
	I	01-043-302				TST420	2/2
	I	01-043-303				TST421	2/2
	I	01-043-304				TST066	2/2
	GRD	01-052-RTN				RTN	1/3
	GRD	02-020-00				10184BR	1/12
	GRD	02-020-02				10184TR	1/12
	GRD	02-020-10				10183BR	1/12
	GRD	02-020-12				10183TR	1/12
	GRD	02-020-14				30428BR	1/12
	GRD	02-020-20				10182BR	1/12
	GRD	02-020-22				10182TR	1/12
	GRD	02-020-24				30427BR	1/12
	GRD	02-020-30				10181BR	1/12
	GRD	02-020-32				10181TR	1/12
	GRD	02-020-34				30426BR	1/12
	GRD	02-020-50				10423BR	1/12
	GRD	02-072-00				10422BR	1/13
	GRD	02-072-10				10421BR	1/13
	GRD	02-072-14				30424BR	1/13
	GRD	02-072-20				10664BR	1/13
	GRD	02-072-24				30423BR	1/13
	GRD	02-072-30				10663BR	1/13
	GRD	02-072-34				30422BR	1/13

SYMBOL NO. 6 (CONT)
FUSE PANEL CIRCUIT
FUSE PANEL

DESIG EOPT LOC CODE ELEM IDENT OPT
FUSE-00 067-000 J50003AM-1,L1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	GRD	02-072-40				10662BR	1/13
	GRD	02-072-41				10662TR	1/13
	GRD	02-072-44				30421BR	1/13
	GRD	02-072-50				10661BR	1/13
	GRD	02-072-52				10661TR	1/13
	GRD	03-041-RTN				RTNB00	1/1
	GRD	03-050-RTN				RTNA00	1/1
	GRD	03-050-RTN				RTNB10	1/2
	GRD	03-050-RTN				RTNA10	1/2
-48V011A	PWR	02-020-53	(S,O,F)	(S,O,F)9/8		10423T	1/12
-48V011B	GRD	02-020-43	(S,O,F)	(S,O,F)9/8		10424TR	1/12
-48V011C	PWR	02-020-41	(S,O,F)	(S,O,F)9/8		10424B	1/12
-48V019	PWR	02-072-23	(S,F)			10664T	1/13
-48V019B	PWR	02-072-33	(J,G)	(J,G)9/4		10663T	1/13
-48V019	PWR	02-020-45	(J,G)	(J,G)9/4		30423B	1/12
-48V045A	PWR	02-072-03	(J,G)	(J,G)9/1		10422T	1/13
-48V045B	PWR	02-072-13	(J,G)	(J,G)9/1		10421T	1/13
ALM011	OT	01-043-002	(S,O,F)	(S,O,F)9/7		ALM420	2/2
	I		(S,O,F)9/5	(S,O,F)9/11			
ALM019	OT	01-043-004	(S,O,F)	(S,O,F)9/11		ALM066	2/2
	I		(S,O,F)9/5				
ALM036	O	01-043-001	(J,G)	(J,G)9/4		ALM018	2/2
ALM045	O	01-043-003	(J,G)	(J,G)9/1		ALM421	2/2
LED03A	O	01-043-207				FAO	2/2
LED04B	GRD	01-043-212				RTN	1/3
NCKALO	I	01-043-001	(D)	(D)7/2		ALM018	1/3
R	IO	01-043-504		TO INTERFACE COMMUNICATIONS CIRCUIT		R	2/2
	IO	01-043-704		TO INTERFACE COMMUNICATIONS CIRCUIT		R	2/2
R-SP	OT	01-043-502		TO INTERFACE COMMUNICATIONS CIRCUIT		R(SP)	2/2
	OT	01-043-702		TO INTERFACE COMMUNICATIONS CIRCUIT		R(SP)	2/2
R-TTYA	IO	01-043-404		TO INTERFACE COMMUNICATIONS CIRCUIT		R-TTYA	2/2
	IO	01-043-604		TO INTERFACE COMMUNICATIONS CIRCUIT		R-TTYA	2/2
R-TTYB	IO	01-043-410		TO INTERFACE COMMUNICATIONS CIRCUIT		R-TTYB	2/2
	IO	01-043-610		TO INTERFACE COMMUNICATIONS CIRCUIT		R-TTYB	2/2
RTN011A	GRD	02-020-52	(S,O,F)	(S,O,F)9/8		10423TR	1/12
RTN011B	PWR	02-020-42	(S,O,F)	(S,O,F)9/8		10424T	1/12
RTN011C	GRD	02-020-40	(S,O,F)	(S,O,F)9/8		10424BR	1/12
RTN019	GRD	02-072-22	(S,F)			10664TR	1/13
RTN019B	GRD	02-072-32	(J,G)	(J,G)9/4		10663TR	1/13
RTN036	GRD	02-020-44	(J,G)	(J,G)9/1		30425BR	1/12
RTN045A	GRD	02-072-02	(J,G)	(J,G)9/1		10422TR	1/13
RTN045B	GRD	02-072-12	(J,G)	(J,G)9/1		10421TR	1/13
R1	IO	01-043-505		TO INTERFACE COMMUNICATIONS CIRCUIT		R1	2/2
	IO	01-043-705		TO INTERFACE COMMUNICATIONS CIRCUIT		R1	2/2

SYMBOL NO. 6 (CONT)
FUSE PANEL CIRCUIT
FUSE PANEL

DESIG EOPT LOC CODE ELEM IDENT OPT
FUSE-00 067-000 J50003AM-1,L1 A

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
R1-TTYA	IO	01-043-405		TO INTERFACE COMMUNICATIONS CIRCUIT		R1-TTYA	2/2
	I	01-043-605		TO INTERFACE COMMUNICATIONS CIRCUIT		RA-TTYA	2/2
R1-TTYB	IO	01-043-411		TO INTERFACE COMMUNICATIONS CIRCUIT		R1-TTYB	2/2
	IO	01-043-611		TO INTERFACE COMMUNICATIONS CIRCUIT		R1-TTYB	2/2
S-SP	OT	01-043-501		TO INTERFACE COMMUNICATIONS CIRCUIT		S(SP)	2/2
	OT	01-043-701		TO INTERFACE COMMUNICATIONS CIRCUIT		S(SP)	2/2
S-TTYA	IO	01-043-403		TO INTERFACE COMMUNICATIONS CIRCUIT		S-TTYA	2/2
	IO	01-043-603		TO INTERFACE COMMUNICATIONS CIRCUIT		S-TTYA	2/2
S-TTYB	IO	01-043-409		TO INTERFACE COMMUNICATIONS CIRCUIT		S-TTYB	2/2
	IO	01-043-609		TO INTERFACE COMMUNICATIONS CIRCUIT		S-TTYB	2/2
S1-TTYA	IO	01-043-406		TO INTERFACE COMMUNICATIONS CIRCUIT		S1-TTYA	2/2
	IO	01-043-606		TO INTERFACE COMMUNICATIONS CIRCUIT		S1-TTYA	2/2
S1-TTYB	IO	01-043-412		TO INTERFACE COMMUNICATIONS CIRCUIT		S1-TTYB	2/2
	IO	01-043-612		TO INTERFACE COMMUNICATIONS CIRCUIT		S1-TTYB	2/2
T	IO	01-043-507		TO INTERFACE COMMUNICATIONS CIRCUIT		T	2/2
	IO	01-043-707		TO INTERFACE COMMUNICATIONS CIRCUIT		T	2/2
T-SP	OT	01-043-503		TO INTERFACE COMMUNICATIONS CIRCUIT		T(SP)	2/2
	OT	01-043-703		TO INTERFACE COMMUNICATIONS CIRCUIT		T(SP)	2/2
T-TTYA	I	01-043-401		TO INTERFACE COMMUNICATIONS CIRCUIT		T-TTYA	2/2
	I	01-043-601		TO INTERFACE COMMUNICATIONS CIRCUIT		T-TTYA	2/2

PART OF FS 9
SYMBOL(S) 6

COPYRIGHT (c) 1987 AT&T ALL RIGHTS RESERVED		
MESSAGE SWITCH CABINET		DWG SIZE CZ
AT&T BELL LABORATORIES		ISSUE 6M
SD-5D146-01		B9CB

PART OF FS 9

0 POWER ACCESS AND CONTROL

SYMBOL NO. 6 (CONT)

FUSE PANEL CIRCUIT
FUSE PANEL

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
FUSE-00	067-000	J50003AM-1,L1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
T-TTYB	10	01-043-407		TO INTERFACE COMMUNICATIONS CIRCUIT		T-TTYB	2/2
	1	01-043-607		TO INTERFACE COMMUNICATIONS CIRCUIT		T-TTY	2/2
T1	10	01-043-506		TO INTERFACE COMMUNICATIONS CIRCUIT		T1	2/2
	10	01-043-706		TO INTERFACE COMMUNICATIONS CIRCUIT		T1	2/2
T1-TTYA	10	01-043-402		TO INTERFACE COMMUNICATIONS CIRCUIT		T1-TTYA	2/2
	10	01-043-602		TO INTERFACE COMMUNICATIONS CIRCUIT		T1-TTYA	2/2
T1-TTYB	10	01-043-408		TO INTERFACE COMMUNICATIONS CIRCUIT		T1-TTYB	2/2
	1	01-043-608		TO INTERFACE COMMUNICATIONS CIRCUIT		T1-TTY	2/2

SYMBOL NO. 7

FUSE PANEL CIRCUIT
FUSE PANEL

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
FUSE-01	067-094	J50003AM-1,L1	A	(1)
FUSE-01	067-094	J50003AU-1,L4	A	(3)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	PWR	02-020-01				10184B	1/12
	PWR	02-020-03				10184T	1/12
	PWR	02-020-11				10183B	1/12
	PWR	02-020-13				10183T	1/12
	PWR	02-020-15				30428B	1/12
	PWR	02-020-21				10182B	1/12
	PWR	02-020-23				10182T	1/12
	PWR	02-020-35				30426B	1/12
	PWR	02-020-41				10424B	1/12
	PWR	02-020-42				10424T	1/12
	PWR	02-020-43				30425B	1/12
	PWR	02-020-51				10423B	1/12
	PWR	02-072-01				10422B	1/13
	PWR	02-072-21				10664B	1/13
	PWR	02-072-23				10664T	1/13
	PWR	02-072-25				30423B	1/13
	PWR	02-072-31				10663B	1/13
	PWR	02-072-33				10663T	1/13
	PWR	02-072-35				30422B	1/13
	PWR	02-072-41				10662B	1/13
	PWR	02-072-42				10662T	1/13
	PWR	02-072-45				30421B	1/13
	PWR	02-072-51				10661B	1/13
	PWR	02-072-53				10661T	1/13

SYMBOL NO. 7 (CONT)

FUSE PANEL CIRCUIT
FUSE PANEL

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
FUSE-01	067-094	J50003AM-1,L1	A	(1)
FUSE-01	067-094	J50003AU-1,L4	A	(3)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	PWR	03-041--48				-48B00	1/1
	PWR	03-050--48				-48B10	1/2
	0	01-043-001				ALM018	2/2
	0	01-043-201				ALM018	2/2
	0	01-043-202				ALM420	2/2
	0	01-043-203				ALM421	2/2
	0	01-043-204				ALM066	2/2
	0	01-043-207				FA0	2/2
	0	01-043-501				S(SP)	2/2
	0	01-043-502				R(SP)	2/2
	0	01-043-503				T(SP)	2/2
	0	01-043-701				S(SP)	2/2
	0	01-043-702				R(SP)	2/2
	0	01-043-703				T(SP)	2/2
	1	01-043-101				TST018	2/2
	1	01-043-102				TST420	2/2
	1	01-043-103				TST421	2/2
	1	01-043-104				TST066	2/2
	1	01-043-301				TST018	2/2
	1	01-043-302				TST420	2/2
	1	01-043-303				TST421	2/2
	1	01-043-304				TST066	2/2
	1	01-043-401				T-TTYA	2/2
	1	01-043-402				T1-TTYA	2/2
	1	01-043-403				S-TTYA	2/2
	1	01-043-404				R-TTYA	2/2
	1	01-043-405				R1-TTYA	2/2
	1	01-043-411				S1-TTYA	2/2
	1	01-043-412				T-TTYB	2/2
	1	01-043-504				T-TTYB	2/2
	1	01-043-505				R1	2/2
	1	01-043-506				T1	2/2
	1	01-043-507				T	2/2
	1	01-043-601				T-TTYA	2/2
	1	01-043-602				T1-TTYA	2/2
	1	01-043-603				S-TTYA	2/2
	1	01-043-604				R-TTYA	2/2
	1	01-043-605				RA-TTYA	2/2
	1	01-043-606				S1-TTYA	2/2
	1	01-043-607				T-TTY	2/2
	1	01-043-608				T1-TTY	2/2
	1	01-043-609				S-TTYB	2/2
	1	01-043-610				R-TTYB	2/2
	1	01-043-611				R1-TTYB	2/2
	1	01-043-612				S1-TTYB	2/2
	1	01-043-704				R	2/2
	1	01-043-705				R1	2/2
	1	01-043-706				T1	2/2
	1	01-043-707				T	2/2
	GRD	01-043-212				RTN	1/3
	GRD	01-052-RTN				RTN	1/3
	GRD	02-020-00				10184BR	1/12
	GRD	02-020-02				10183BR	1/12
	GRD	02-020-10				10183TR	1/12
	GRD	02-020-12					

SYMBOL NO. 7 (CONT)

FUSE PANEL CIRCUIT
FUSE PANEL

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
FUSE-01	067-094	J50003AM-1,L1	A	(1)
FUSE-01	067-094	J50003AU-1,L4	A	(3)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	GRD	02-020-14				30428BR	1/12
	GRD	02-020-20				10182BR	1/12
	GRD	02-020-22				10182TR	1/12
	GRD	02-020-34				30426BR	1/12
	GRD	02-020-40				10424BR	1/12
	GRD	02-020-41				10424TR	1/12
	GRD	02-020-44				30425BR	1/12
	GRD	02-020-50				10423BR	1/12
	GRD	02-072-00				10422BR	1/13
	GRD	02-072-20				10664BR	1/13
	GRD	02-072-22				10664TR	1/13
	GRD	02-072-24				30423BR	1/13
	GRD	02-072-30				10663BR	1/13
	GRD	02-072-32				10663TR	1/13
	GRD	02-072-34				30422BR	1/13
	GRD	02-072-40				10662BR	1/13
	GRD	02-072-43				10662TR	1/13
	GRD	02-072-44				30421BR	1/13
	GRD	02-072-50				10661BR	1/13
	GRD	02-072-52				10661TR	1/13
	GRD	01-041-RTN				RTN800	1/1
	GRD	03-050-RTN				RTN810	1/2
-48V011D	PWR	02-072-03	(S,O,F)	(S,O,F)9/8		10422T	1/13
-48V011E	PWR	02-072-13	(S,O,F)	(S,O,F)9/8		10421T	1/13
-48V011F	PWR	02-072-11	(S,O,F)	(S,O,F)9/8		10421B	1/13
-48V019C	PWR	02-020-25	(J,G)	(J,G)9/3		30427B	1/12
-48V028	PWR	02-072-15	(J,G)	(J,G)9/3		30424B	1/13
-48V053	PWR	02-020-53	(J,G)	(J,G)9/2		10423T	1/12
-48V062A	PWR	02-020-31	(J,G)	(J,G)9/3		10181B	1/12
-48V062B	PWR	02-020-33	(J,G)	(J,G)9/2		10181T	1/12
ALM011	OT	01-043-003	(S,O,F)	(S,O,F)9/6		ALM421	2/2
ALM028	0	01-043-004	(J,G)	(J,G)9/3		ALM066	2/2
ALM053	0	01-043-002	(J,G)	(J,G)9/2		ALM420	2/2
ALM062A	1	01-043-008	(S,O,F)	(S,O,F)9/8		ALM018B	2/2
ALM062B	1	01-043-009	(S,O,F)	(S,O,F)9/8		ALM018T	2/2
RTN011D	GRD	02-072-02	(S,O,F)	(S,O,F)9/8		10422TR	1/13
RTN011E	GRD	02-072-12	(S,O,F)	(S,O,F)9/8		10421TR	1/13
RTN011F	GRD	02-072-10	(S,O,F)	(S,O,F)9/8		10421BR	1/13
RTN019C	GRD	02-020-24	(J,G)	(J,G)9/3		30427BR	1/12
RTN028	GRD	02-072-14	(J,G)	(J,G)9/3		30424BR	1/13
RTN053	GRD	02-020-52	(J,G)	(J,G)9/2		10423TR	1/12
RTN062A	GRD	02-020-30	(J,G)	(J,G)9/2		10181BR	1/12
RTN062B	GRD	02-020-32	(J,G)	(J,G)9/2		10181TR	1/12

PART OF FS 9
SYMBOL(S) 6 7COPYRIGHT © 1987 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH CABINET

DWG SIZE
CISSUE
6MAT&T
BELL LABORATORIES

SD-5D146-01

B9CC

PART OF FS 9 0 POWER ACCESS AND CONTROL

SYMBOL NO. 8
FAN UNIT

SYMBOL NO. 9 (CONT)
SCAN AND DISTRIBUTE
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

SYMBOL NO. 11 (CONT)
POWER
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQPT	CODE	ELEM	OPT
FAN-0	007-000	J5D003AF-1, L1	A	

LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC
DESIG			MOD				
NC	0	04-011-1		TO 3810P 0		1SCAN0	1/7
	0	04-011-14		TO 3810P 0		0RES1	1/7
	0	04-011-15		TO 3810P 0		1RES1	1/7
	0	04-011-19		TO 3810P 0		0SCAN0	1/7
	0	04-011-26		TO 3810P 0		LTPRST	1/7
	0	04-011-9		TO 3810P 0		FLED4	1/7
-48V011A	PWR	08-112-8	(S, O, F)	(S, O, F) 9/6		-48B3A	1/1
-48V011B	PWR	08-056-8	(S, O, F)	(S, O, F) 9/6		-48B2A	1/2
-48V011C	PWR	08-020-8	(S, O, F)	(S, O, F) 9/6		-48B1A	1/3
-48V011D	PWR	08-112-6	(S, O, F)	(S, O, F) 9/7		-48B3B	1/1
-48V011E	PWR	08-056-6	(S, O, F)	(S, O, F) 9/7		-48B2B	1/2
-48V011F	PWR	08-020-6	(S, O, F)	(S, O, F) 9/7		-48B1B	1/3
LED01A	0	04-011-12		TO 3810P 0		FLED2	1/7
LED01B	GRD	04-011-4		TO 3810P 0		FLED0	1/7
LED02A	0	04-011-11		TO 3810P 0		FLED1	1/7
RTNRES0	GRD	04-011-27		TO 3810P 0 AND TO 3810P 1 AND TO 3810P 0 AND TO 3810P 1	P/RTNRES0	RTN	1/7
RTNRCNO	GRD	04-011-25		TO 3810P 0 AND TO 3810P 1 AND TO 3810P 0 AND TO 3810P 1	P/38RCNO	RTN	1/7
RTN011A	GRD	08-112-5	(S, O, F)	(S, O, F) 9/6		48RTNB3A	1/1
RTN011B	GRD	08-056-5	(S, O, F)	(S, O, F) 9/6		48RTNB2A	1/2
RTN011C	GRD	08-020-5	(S, O, F)	(S, O, F) 9/6		48RTNB1A	1/3
RTN011D	GRD	08-112-4	(S, O, F)	(S, O, F) 9/7		48RTNB3B	1/1
RTN011E	GRD	08-056-4	(S, O, F)	(S, O, F) 9/7		48RTNB2B	1/2
RTN011F	GRD	08-020-4	(S, O, F)	(S, O, F) 9/7		48RTNB1B	1/3
38RES0	0	04-011-6		TO 3810P 0 AND TO 3810P 1	P/RTNRES0	38RES1	1/7
38RCNO	0	04-011-17		TO 3810P 0 AND TO 3810P 1	P/RTNRCNO	38RCNO	1/7

SYMBOL NO. 9

SCAN AND DISTRIBUTE
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EQPT	CODE	ELEM	OPT
MSPU2-0	058-000	J5D006AF-1	D	

LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC
DESIG			MOD				
000SM54	I	04-008-151		TO 3810P 0	P/000SM54R	AD0S3B	2/2
000SM54R	I	04-003-051		TO 3810P 0	P/000SM54	AD0SR	2/2
000SM55	I	04-098-151		TO 3810P 0	P/000SM55R	BD0S3B	4/2
000SM55R	I	04-098-051		TO 3810P 0	P/000SM55	BD0SR	4/2
000SM4	I	04-008-138		TO 3810P 1	P/000SM4R	AD0S3B	2/2
000SM4R	I	04-008-038		TO 3810P 1	P/000SM4	AD0SR	2/2
000SM5	I	04-098-138		TO 3810P 1	P/000SM5R	BD0S3B	4/2
000SM5R	I	04-098-038		TO 3810P 1	P/000SM5	BD0SR	4/2
ORIPMS4	I	04-008-152		TO 3810P 0	P/ORIPMS4R	AR0IP3B	2/2
ORIPMS5	I	04-008-052		TO 3810P 0	P/ORIPMS5R	BR0IP3B	4/2
ORIPMS5R	I	04-098-152		TO 3810P 0	P/ORIPMS5	BR0IP3BR	4/2
ORIPM4	I	04-008-139		TO 3810P 1	P/ORIPM4R	AR0IP3B	2/2
ORIPM4R	I	04-008-039		TO 3810P 1	P/ORIPM4	AR0IP3BR	2/2
ORIPM5	I	04-098-139		TO 3810P 1	P/ORIPM5R	BR0IP3B	4/2

SYMBOL NO. 10

POWER
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EQPT	CODE	ELEM	OPT
MSPU2-0	058-000	J5D006AF-1	E	

LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC
DESIG			MOD				
-48V062A	PWR	01-016-080		9/7		A-48PWR	2/1
-48V062B	PWR	01-105-080		9/7		B-48PWR	4/1
ALM062A	I	04-008-145		9/7		AALMC2	2/1
ALM062B	I	04-098-145		9/7		BALMC2	4/2
RTN062A	GRD	01-019-080		9/7		A-48RTN	2/1
RTN062B	GRD	01-108-080		9/7		B-48RTN	4/1

SYMBOL NO. 11

POWER
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQPT	CODE	ELEM	OPT
MICU2-0	015-000	J5D006ED-1	A	(P)

LEAD	FUNC	TERM.	TERM.	DESTINATION	NOTE	TERM.	LOC
DESIG			MOD				
NC	0	04-008-046				TSTB	1/1
-48V019A	PWR	01-032-080	(O, F)			-48VA	1/2
-48V019B	PWR	01-014-080		9/6		-48VB	1/1
-48V019C	I	01-169-080		9/7		-48VC	4/4
ALM011	I	04-008-045	(S, O, F)	(S, O, F) 9/6		FAS	1/1
ALM019	OT	04-008-145	(S, O, F)	(S, O, F) 9/6		ALMD	1/2
OOS3BR0	I	04-176-016	(O)	(O) 10/11 TO 3810P 0	P/OOS3B0	OOS3BR0	4/4
OOS3BR1	I	04-176-051	(O)	(O) 10/11 TO 3810P 1	P/OOS3B1	OOS3BR1	4/4
OOS3B0	I	04-176-116	(O)	(O) 10/11 TO 3810P 0	P/OOS3B0	OOS3B0	4/4

PART OF FS 9

SYMBOL(S) 8 9 10 11

COPYRIGHT (C) 1987 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH CABINET

DMG SIZE
C

ISSUE
6M

AT&T
BELL LABORATORIES

SD-5D146-01

B9CD

PART OF FS 9
0 POWER ACCESS AND CONTROL

SYMBOL NO. 11 (CONT)

POWER
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MTCLZ-0	015-000	J50006ED-1	A	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0SCY3BR	DT	04-008-053		9/5 TO 3810P 1	P/0SCY3B	SCY3BR	1/1
0SCZ	0	04-008-142		9/5 TO 3810P 0	P/0SCZR	SCZ3B	1/1
0SCZR	0	04-008-042		9/5 TO 3810P 0	P/0SCZ	SCZ3BR	1/1
0SCZ3B	0	04-008-155		9/5 TO 3810P 1	P/0SCZ3BR	SCZ3B	1/1
0SCZ3BR	DT	04-008-055		9/5 TO 3810P 1	P/0SCZ3B	SCZ3BR	1/1
0TRMPARN	I	04-100-035	(W)	TO 3810P 0	P/0TRMPARP	RXP0	3/1
0TRMPARP	I	04-100-135	(W)	TO 3810P 0	P/0TRMPARN	RXP1	3/1
0X25CLKN	0	04-100-139	(W)	TO 3810P 0	P/0X25CLKP	LIX25C0	3/1
0X25CLKP	0	04-100-039	(W)	TO 3810P 0	P/0X25CLKN	LIX25C0R	3/1
0X25RDTN	0	04-100-138	(W)	TO 3810P 0	P/0X25RDTP	LIX25X0	3/1
0X25RDTP	0	04-100-038	(W)	TO 3810P 0	P/0X25RDTN	LIX25X0R	3/1
0X25TDN	I	04-100-037	(W)	TO 3810P 0	P/0X25TDTP	LIX25R1R	3/1
0X25TDTP	I	04-100-137	(W)	TO 3810P 0	P/0X25TDN	LIX25RV1	3/1

PART OF FS 9
SYMBOL(S) 11

COPYRIGHT (C) 1987 AT&T ALL RIGHTS RESERVED		
MESSAGE SWITCH CABINET		DWG SIZE A
AT&T BELL LABORATORIES		ISSUE 6M
SD-5D146-01		B9CE

0 1 2 3 4 5 6 7 8 9

PART OF FS 9

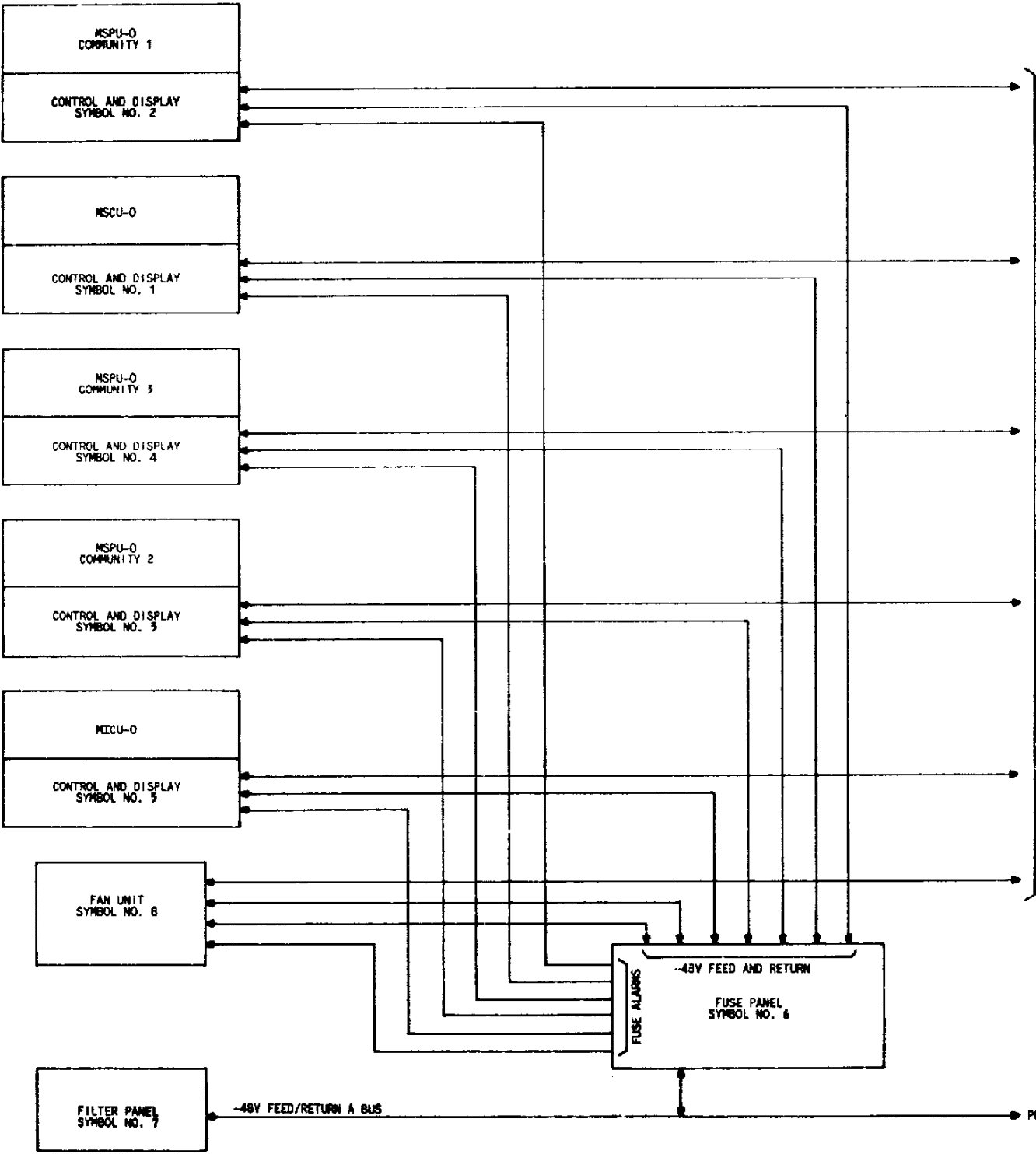
O POWER ACCESS AND CONTROL
COMPOSITE DIAGRAM 1

NOTES:

FS 9 IS THE POWER ACCESS AND CONTROL FUNCTION. THIS FUNCTION PROVIDES THE CABINET CIRCUIT PACK WITH ITS PROPER VOLTAGE AND ALARMING TO THE 3B PROCESSOR IN THE EVENT OF POWER FAILURE.

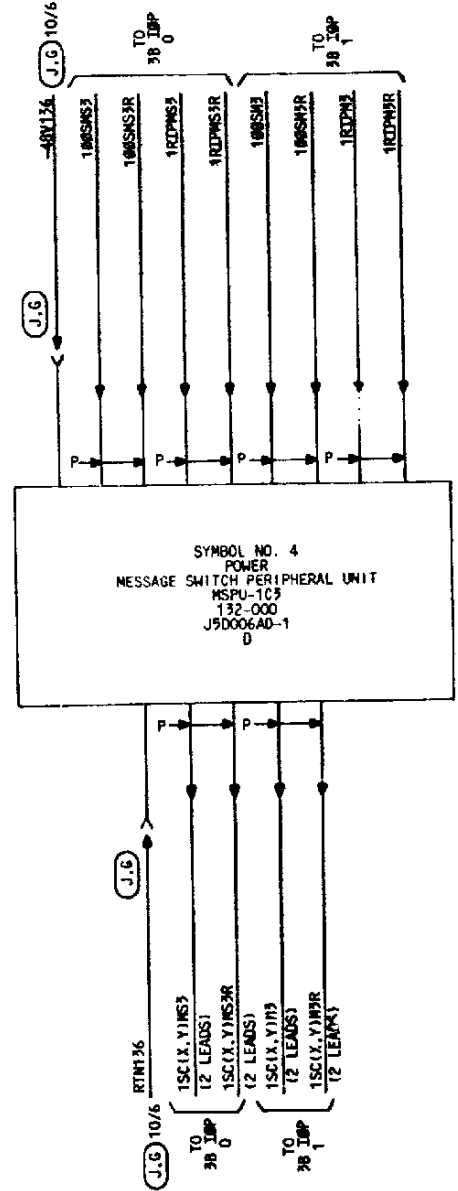
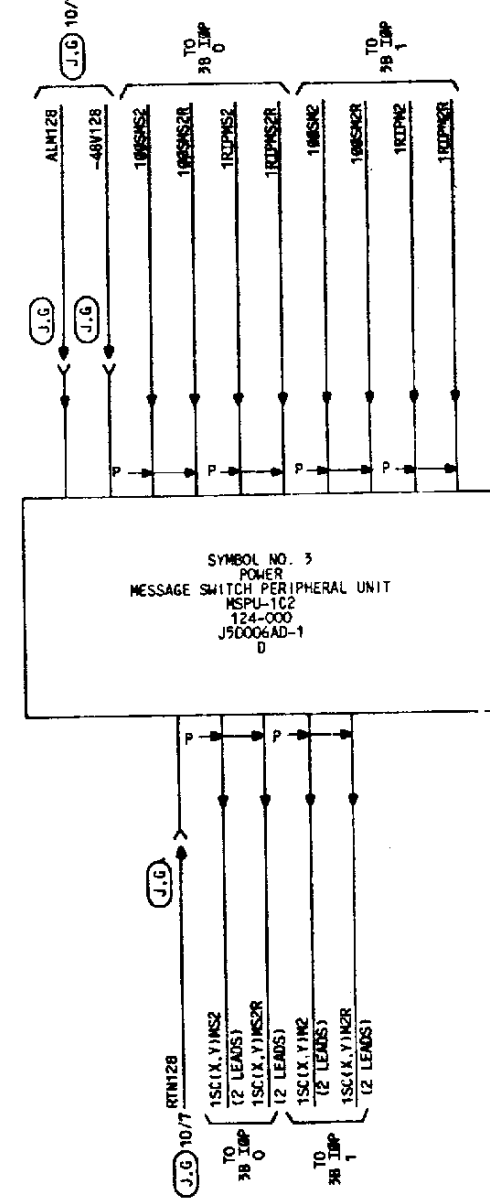
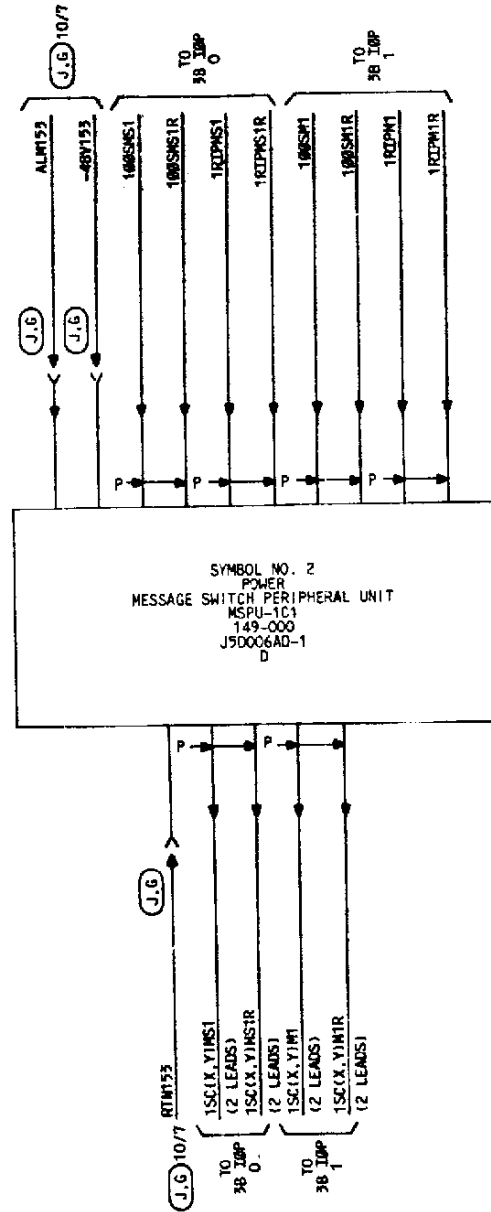
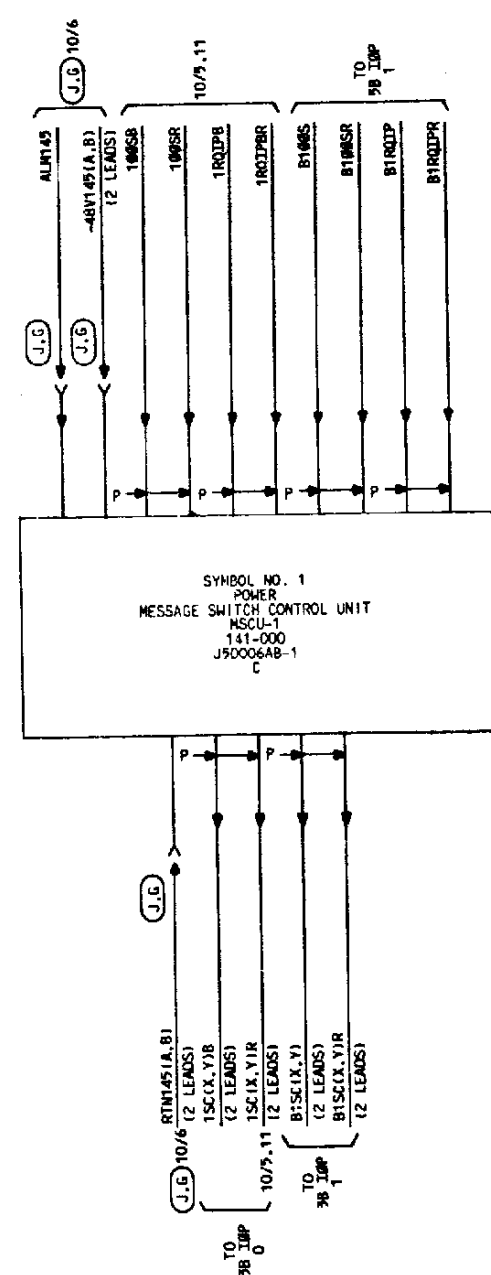
-48V FEED AND RETURN IS CONNECTED TO THE CABINET FILTERED AND FEED TO THE FUSE PANEL. INDIVIDUAL UNITS CONNECT TO THE FUSE PANEL TO PROVIDE VOLTAGE TO THEIR POWER CONVERTERS AND CONTROL CIRCUIT PACKS. THE POWER CONVERTERS CHANGE THE -48V TO THEIR PROPER CIRCUIT PACK VOLTAGE AND GROUND.

CONTROL AND ALARMING OF THE POWER CONVERTERS IS PROVIDED BY INDIVIDUAL CONTROL AND DISPLAY (CAD) CIRCUIT PACKS. THE CAD CIRCUIT PACK PROVIDES BOTH MANUAL AND 3B IOP CONTROL OF THE POWER CONVERTER. THE 3B IOP MONITORS THE CAD FOR ALARMS AND REQUESTS FOR OUT OF SERVICE. BOTH FUSE BLOCKS ON CABINET O ARE POWERED FROM THE A BUS.



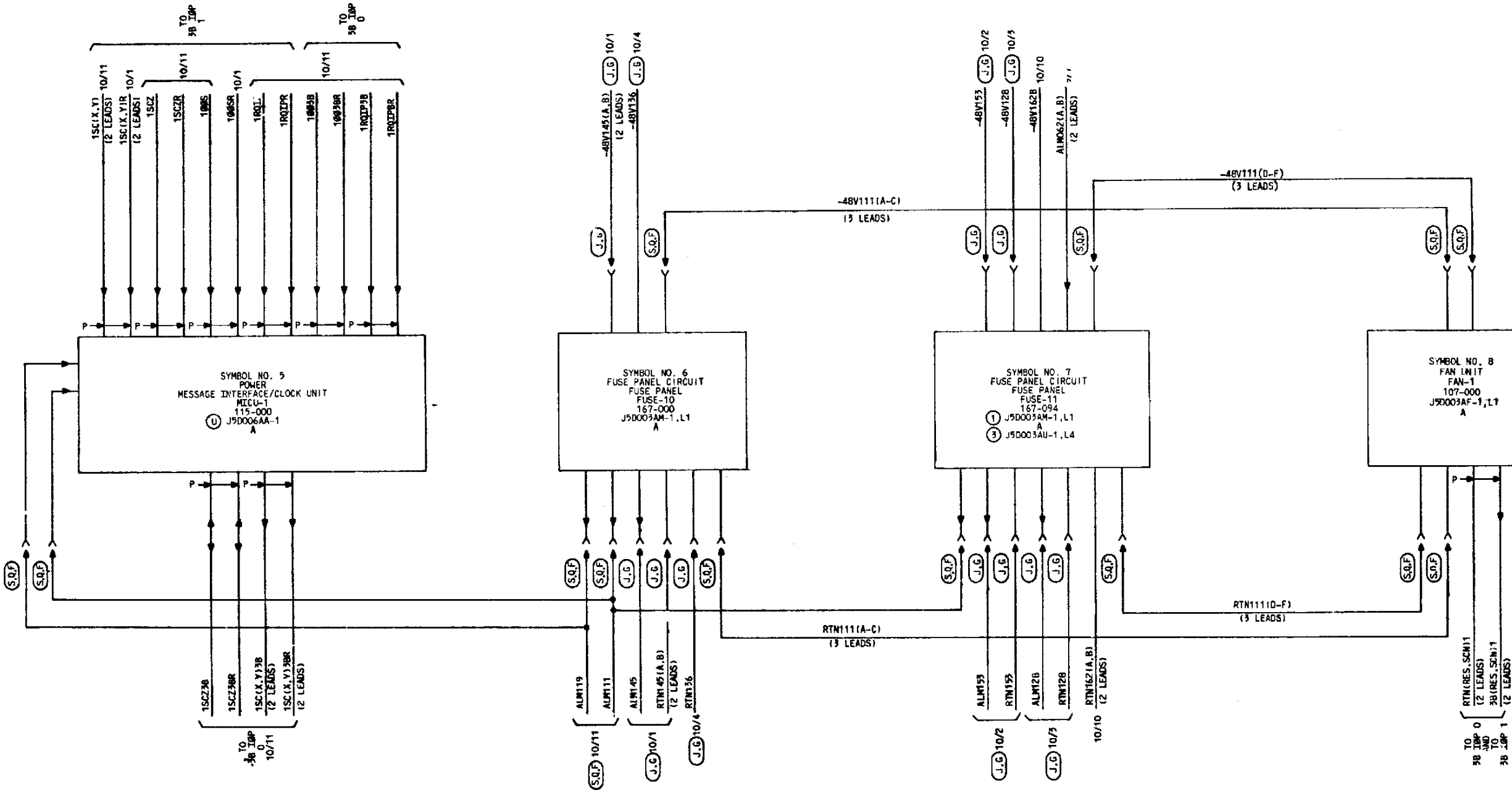
MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		08	2A
AT&T BELL LABORATORIES	SD-5046-01	SHEET 090A	

PART OF FS 10 1 POWER ACCESS AND CONTROL (P/O INTERCONNECTION & FLOW DIAGRAM)



MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		58	58
AT & T BELL LABORATORIES		88-50148-01	

1 POWER ACCESS AND CONTROL
(P/O INTERCONNECTION & FLOW DIAGRAM)



MESSAGE SWITCH CABINET

DWG 9.21
03

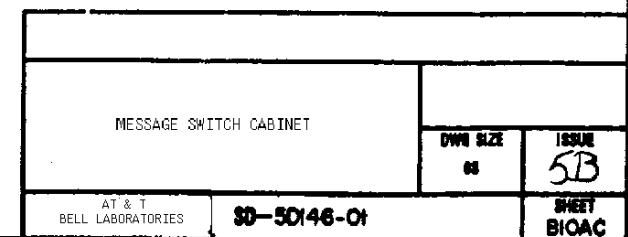
ISSUE
5B

AT & T
BELL LABORATORIES

SD-5046-01

BIOAS

1 POWER ACCESS AND CONTROL
(P/O INTERCONNECTION & FLOW DIAGRAM)



PART OF FS 10 1 POWER ACCESS AND CONTROL

SYMBOL NO. 1 POWER MESSAGE SWITCH CONTROL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSCU-1	141-000	J50006AB-1	C	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
-48V145A	PHR	01-019-080	(J,G)	(J,G)10/6		48FESA	4/2
-48V145B	PHR	01-013-080	(J,G)	(J,G)10/6		48FE0B	4/1
ALM145	I	04-008-145	(J,G)	(J,G)10/5		ALRMA	4/1
B100S	I	04-008-138		TO 3810P 1	P/B100SR	OOS3B	4/1
B100SR	I	04-008-038		TO 3810P 1	P/B100S	OOSR	4/1
B1R0IP	I	04-008-139		TO 3810P 1	P/B1R0IPR	ROIP3B	4/1
B1R0IPX	I	04-008-039		TO 3810P 1	P/B1R0IP	ROIP3BR	4/1
B1SCX	O	04-008-141		TO 3810P 1	P/B1SCXR	SCX3B	4/1
B1SCXR	O	04-008-041		TO 3810P 1	P/B1SCX	SCXR	4/1
B1SCY	O	04-008-140		TO 3810P 1	P/B1SCYR	SCY3B	4/1
B1SCYR	O	04-008-040		TO 3810P 1	P/B1SCY	SCYR	4/1
RTN145A	GRD	01-022-080	(J,G)	(J,G)10/6		48GRDA	4/2
RTN145B	GRD	01-016-080	(J,G)	(J,G)10/6		48GRDB	4/1
100SB	I	04-008-151		TO 3810P 0	P/100SR	OOS3B	4/1
100SR	I	04-008-051		TO 3810P 0	P/100SB	OOSR	4/1
1R0IPB	I	04-008-152		TO 3810P 0	P/1R0IPBR	ROIP3B	4/1
1R0IPBR	I	04-008-052		TO 3810P 0	P/1R0IPB	ROIP3BR	4/1
1SCXB	O	04-008-154		TO 3810P 0	P/1SCXR	SCX3B	4/1
1SCXR	OT	04-008-054		TO 3810P 0	P/1SCX	SCXR	4/1
1SCYB	O	04-008-153		TO 3810P 0	P/1SCYR	SCY3B	4/1
1SCYR	OT	04-008-053		TO 3810P 0	P/1SCYB	SCYR	4/1

SYMBOL NO. 2 POWER MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPU-1C1	149-000	J50006AD-1	D	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
-48V153	PHR	01-015-080	(J,G)	(J,G)10/7		-48PWR	2/2
ALM153	I	04-008-145	(J,G)	(J,G)10/7		ALMCZ	2/2
RTN153	GRD	01-018-080	(J,G)	(J,G)10/7		-48RTN	2/2
100SM1	I	04-008-151		TO 3810P 0	P/100SM1R	OOS3B	2/2
100SM1R	I	04-008-051		TO 3810P 0	P/100SM1	OOSR	2/2
100SM1	I	04-008-138		TO 3810P 1	P/100SM1R	OOS3B	2/2
100SM1R	I	04-008-038		TO 3810P 1	P/100SM1	OOSR	2/2
1R1PMS1	I	04-008-152		TO 3810P 0	P/1R1PMS1R	ROIP3B	2/2
1R1PMS1R	I	04-008-052		TO 3810P 0	P/1R1PMS1	ROIP3BR	2/2
1R1PM1	I	04-008-139		TO 3810P 1	P/1R1PM1R	ROIP3B	2/2
1R1PM1R	I	04-008-039		TO 3810P 1	P/1R1PM1	ROIP3BR	2/2
1SCXMS1	O	04-008-154		TO 3810P 0	P/1SCXMS1R	SCX3B	2/2
1SCXMS1R	O	04-008-054		TO 3810P 0	P/1SCXMS1	SCXR	2/2
1SCXMS1	O	04-008-141		TO 3810P 1	P/1SCXMS1R	SCX3B	2/2
1SCXMS1R	O	04-008-041		TO 3810P 1	P/1SCXMS1	SCXR	2/2
1SCYMS1	O	04-008-153		TO 3810P 0	P/1SCYMS1R	SCY3B	2/2
1SCYMS1R	O	04-008-053		TO 3810P 0	P/1SCYMS1	SCYR	2/2
1SCYMS1	O	04-008-140		TO 3810P 1	P/1SCYMS1R	SCY3B	2/2
1SCYMS1R	O	04-008-040		TO 3810P 1	P/1SCYMS1	SCYR	2/2

SYMBOL NO. 3 POWER MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPU-1C2	124-000	J50006AD-1	D	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
-48V128	PHR	01-015-080	(J,G)	(J,G)10/7		-48PWR	2/2
ALM128	I	04-008-145	(J,G)	(J,G)10/7		ALMCZ	2/2
RTN128	GRD	01-018-080	(J,G)	(J,G)10/7		-48RTN	2/2
100SM2	I	04-008-151		TO 3810P 0	P/100SM2R	OOS3B	2/2
100SM2R	I	04-008-051		TO 3810P 0	P/100SM2	OOSR	2/2
100SM2	I	04-008-138		TO 3810P 1	P/100SM2R	OOS3B	2/2
100SM2R	I	04-008-038		TO 3810P 1	P/100SM2	OOSR	2/2
1R1PMS2	I	04-008-152		TO 3810P 0	P/1R1PMS2R	ROIP3B	2/2
1R1PMS2R	I	04-008-052		TO 3810P 0	P/1R1PMS2	ROIP3BR	2/2
1R1PM2	I	04-008-139		TO 3810P 1	P/1R1PM2R	ROIP3B	2/2
1R1PM2R	I	04-008-039		TO 3810P 1	P/1R1PM2	ROIP3BR	2/2
1SCXMS2	O	04-008-154		TO 3810P 0	P/1SCXMS2R	SCX3B	2/2
1SCXMS2R	O	04-008-054		TO 3810P 0	P/1SCXMS2	SCXR	2/2
1SCXMS2	O	04-008-141		TO 3810P 1	P/1SCXMS2R	SCX3B	2/2
1SCXMS2R	O	04-008-041		TO 3810P 1	P/1SCXMS2	SCXR	2/2
1SCYMS2	O	04-008-153		TO 3810P 0	P/1SCYMS2R	SCY3B	2/2
1SCYMS2R	O	04-008-053		TO 3810P 0	P/1SCYMS2	SCYR	2/2
1SCYMS2	O	04-008-140		TO 3810P 1	P/1SCYMS2R	SCY3B	2/2
1SCYMS2R	O	04-008-040		TO 3810P 1	P/1SCYMS2	SCYR	2/2

SYMBOL NO. 4 POWER MESSAGE SWITCH PERIPHERAL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MSPU-1C3	132-000	J50006AD-1	D	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
-48V136	PHR	01-015-080	(J,G)	(J,G)10/6		-48PWR	2/2
ALM136	I	04-008-145	(J,G)	(J,G)10/6		ALMCZ	2/2
RTN136	GRD	01-018-080	(J,G)	(J,G)10/6		-48RTN	2/2
100SM3	I	04-008-151		TO 3810P 0	P/100SM3R	OOS3B	2/2
100SM3R	I	04-008-051		TO 3810P 0	P/100SM3	OOSR	2/2
100SM3	I	04-008-138		TO 3810P 1	P/100SM3R	OOS3B	2/2
100SM3R	I	04-008-038		TO 3810P 1	P/100SM3	OOSR	2/2
1R1PMS3	I	04-008-152		TO 3810P 0	P/1R1PMS3R	ROIP3B	2/2
1R1PMS3R	I	04-008-052		TO 3810P 0	P/1R1PMS3	ROIP3BR	2/2
1R1PM3	I	04-008-139		TO 3810P 1	P/1R1PM3R	ROIP3B	2/2
1R1PM3R	I	04-008-039		TO 3810P 1	P/1R1PM3	ROIP3BR	2/2
1SCXMS3	O	04-008-154		TO 3810P 0	P/1SCXMS3R	SCX3B	2/2
1SCXMS3R	O	04-008-054		TO 3810P 0	P/1SCXMS3	SCXR	2/2
1SCXMS3	O	04-008-141		TO 3810P 1	P/1SCXMS3R	SCX3B	2/2
1SCXMS3R	O	04-008-041		TO 3810P 1	P/1SCXMS3	SCXR	2/2
1SCYMS3	O	04-008-153		TO 3810P 0	P/1SCYMS3R	SCY3B	2/2
1SCYMS3R	O	04-008-053		TO 3810P 0	P/1SCYMS3	SCYR	2/2
1SCYMS3	O	04-008-140		TO 3810P 1	P/1SCYMS3R	SCY3B	2/2
1SCYMS3R	O	04-008-040		TO 3810P 1	P/1SCYMS3	SCYR	2/2

SYMBOL NO. 5 POWER MESSAGE INTERFACE/CLOCK UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
MICU-1	115-000	J50006AA-1	A	(U)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	O	04-008-046				TSTB	1/1
	O	04-008-146				TSTA	1/1
-48V119	PHR	01-030-080	(S)			-48	1/1
ALM111	I	04-008-045	(S,U,F)	(S,U,F)10/6		FAS	1/1
ALM119	I	04-008-145	(S,U,F)	(S,U,F)10/6		ALMD	1/1
RTN119	GRD	01-040-080	(S)			-48RTN	1/2
100S	I	04-008-138		TO 3810P 1	P/100SR	OOS3B	1/1
100SR	I	04-008-038		TO 3810P 1	P/100S	OOS3BR	1/1
1003B	I	04-008-151		TO 3810P 0	P/1003BR	OOS3B	1/1
1003BR	I	04-008-051		TO 3810P 0	P/1003B	OOS3BR	1/1
1R0IP	I	04-008-139		TO 3810P 1	P/1R0IPR	ROIP3B	1/1
1R0IPR	I	04-008-039		TO 3810P 1	P/1R0IP	ROIP3BR	1/1
1R0IP3B	I	04-008-152		TO 3810P 0	P/1R0IP3BR	ROIP3B	1/1
1R0IP3BR	I	04-008-052		TO 3810P 0	P/1R0IP3B	ROIP3BR	1/1
1SCX	I	04-008-141		TO 3810P 1	P/1SCXR	SCX3B	1/1
1SCXR	I	04-008-041		TO 3810P 1	P/1SCX	SCX3BR	1/1
1SCX3B	OT	04-008-154		TO 3810P 0	P/1SCX3BR	SCX3B	1/1
1SCX3BR	OT	04-008-054		TO 3810P 0	P/1SCX3B	SCX3BR	1/1
1SCY	I	04-008-140		TO 3810P 1	P/1SCYR	SCY3B	1/1
1SCYR	I	04-008-040		TO 3810P 1	P/1SCY	SCY3BR	1/1
1SCY3B	OT	04-008-153		TO 3810P 0	P/1SCY3BR	SCY3B	1/1
1SCY3BR	OT	04-008-053		TO 3810P 0	P/1SCY3B	SCY3BR	1/1
1SCZ	I	04-008-142		TO 3810P 1	P/1SCZR	SCZ3B	1/1
1SCZR	I	04-008-042		TO 3810P 1	P/1SCZ	SCZ3BR	1/1
1SCZ3B	IO	04-008-155		TO 3810P 0	P/1SCZ3BR	SCZ3B	1/1
1SCZ3BR	IO	04-008-055		TO 3810P 0	P/1SCZ3B	SCZ3R	1/1

PART OF FS 10
SYMBOL(S) 1 2 3 4 5

COPYRIGHT (C) 1987 AT&T ALL RIGHTS RESERVED		
MESSAGE SWITCH CABINET		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 6M
SD-SD146-01		B10CA

PART OF FS 10

1 POWER ACCESS AND CONTROL

SYMBOL NO. 6

FUSE PANEL CIRCUIT
FUSE PANEL

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
FUSE-10	167-000	J50003AM-1,L1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	PWR	02-020-01				10184B	1/12
	PWR	02-020-03				10184T	1/12
	PWR	02-020-11				10183B	1/12
	PWR	02-020-13				10183T	1/12
	PWR	02-020-15				30428B	1/12
	PWR	02-020-21				10182B	1/12
	PWR	02-020-23				10182T	1/12
	PWR	02-020-25				30427B	1/12
	PWR	02-020-31				10181B	1/12
	PWR	02-020-33				10181T	1/12
	PWR	02-020-35				30426B	1/12
	PWR	02-020-51				10423B	1/12
	PWR	02-072-01				10422B	1/13
	PWR	02-072-11				10421B	1/13
	PWR	02-072-15				30424B	1/13
	PWR	02-072-21				10664B	1/13
	PWR	02-072-25				30423B	1/13
	PWR	02-072-31				10663B	1/13
	PWR	02-072-35				30422B	1/13
	PWR	02-072-41				10662B	1/13
	PWR	02-072-42				10662T	1/13
	PWR	02-072-45				30421B	1/13
	PWR	02-072-51				10661B	1/13
	PWR	02-072-53				10661T	1/13
	PWR	03-041-48				-48B00	1/1
	PWR	03-050-48				-48B10	1/2
	O	01-043-001	(J,G)			ALM018	2/2
	O	01-043-201				ALM018	2/2
	O	01-043-202				ALM420	2/2
	O	01-043-203				ALM421	2/2
	O	01-043-204				ALM066	2/2
	O	01-043-501				S(SP)	2/2
	O	01-043-502				R(SP)	2/2
	O	01-043-503				T(SP)	2/2
	O	01-043-701				S(SP)	2/2
	O	01-043-702				R(SP)	2/2
	O	01-043-703				T(SP)	2/2
	I	01-043-101				TST018	2/2
	I	01-043-102				TST420	2/2
	I	01-043-103				TST421	2/2
	I	01-043-104				TST066	2/2
	I	01-043-301				TST018	2/2
	I	01-043-302				TST420	2/2
	I	01-043-303				TST421	2/2
	I	01-043-304				TST066	2/2
	I	01-043-401				T-TTYA	2/2
	I	01-043-402				T1-TTYA	2/2
	I	01-043-403				S-TTYA	2/2
	I	01-043-404				R-TTYA	2/2
	I	01-043-405				R1-TTYA	2/2
	I	01-043-406				S1-TTYA	2/2
	I	01-043-407				T-TTYB	2/2
	I	01-043-408				T1-TTYB	2/2
	I	01-043-409				S-TTYB	2/2
	I	01-043-410				R-TTYB	2/2
	I	01-043-411				R1-TTYB	2/2
	I	01-043-412				S1-TTYB	2/2
	I	01-043-504				R	2/2
	I	01-043-505				R1	2/2
	I	01-043-506				T1	2/2

SYMBOL NO. 6 (CONT)

FUSE PANEL CIRCUIT
FUSE PANEL

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
FUSE-10	167-000	J50003AM-1,L1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	I	01-043-507				T	2/2
	I	01-043-601				T-TTYA	2/2
	I	01-043-602				T1-TTYA	2/2
	I	01-043-603				S-TTYA	2/2
	I	01-043-604				R-TTYA	2/2
	I	01-043-605				RA-TTYA	2/2
	I	01-043-606				S1-TTYA	2/2
	I	01-043-607				T-TTY	2/2
	I	01-043-608				T1-TTY	2/2
	I	01-043-609				S-TTYB	2/2
	I	01-043-610				R-TTYB	2/2
	I	01-043-611				R1-TTYB	2/2
	I	01-043-612				S1-TTYB	2/2
	I	01-043-704				R	2/2
	I	01-043-705				R1	2/2
	I	01-043-706				T1	2/2
	I	01-043-707				T	2/2
	GRD	01-052-RTN				RTN	1/3
	GRD	02-020-00				10184BR	1/12
	GRD	02-020-02				10184TR	1/12
	GRD	02-020-10				10183BR	1/12
	GRD	02-020-12				10183TR	1/12
	GRD	02-020-14				30428BR	1/12
	GRD	02-020-20				10182BR	1/12
	GRD	02-020-22				10182TR	1/12
	GRD	02-020-24				30427BR	1/12
	GRD	02-020-30				10181BR	1/12
	GRD	02-020-32				10181TR	1/12
	GRD	02-020-34				30426BR	1/12
	GRD	02-020-50				10423BR	1/12
	GRD	02-072-00				10422BR	1/13
	GRD	02-072-10				10421BR	1/13
	GRD	02-072-14				30424BR	1/13
	GRD	02-072-20				10664BR	1/13
	GRD	02-072-24				30423BR	1/13
	GRD	02-072-30				10663BR	1/13
	GRD	02-072-34				30422BR	1/13
	GRD	02-072-40				10662BR	1/13
	GRD	02-072-45				10662TR	1/13
	GRD	02-072-44				30421BR	1/13
	GRD	02-072-50				10661BR	1/13
	GRD	02-072-52				10661TR	1/13
	GRD	03-041-RTN				RTNB00	1/1
	GRD	03-050-RTN				RTNB10	1/2
-48V111A	PWR	02-020-53	(S,O,F)	(S,O,F)10/8		10423T	1/12
-48V111B	GRD	02-020-43	(S,O,F)	(S,O,F)10/8		10424TR	1/12
-48V111C	PWR	02-020-41	(S,O,F)	(S,O,F)10/8		10424B	1/12
-48V119	PWR	02-072-23	(S,F)			10664T	1/13
-48V119B	PWR	02-072-33	(J,G)	(J,G)10/11		10663T	1/13
-48V136	PWR	02-020-45	(J,G)	(J,G)10/4		30425B	1/12
-48V145A	PWR	02-072-03	(J,G)	(J,G)10/1		10422T	1/13
-48V145B	PWR	02-072-13	(J,G)	(J,G)10/1		10421T	1/13
ALM111	OT	01-043-002	(S,O,F)	(S,O,F)10/7		ALM420	2/2
	I			(S,O,F)10/5,(S,O,F)10/11			
ALM119	OT	01-043-004	(S,O,F)	(S,O,F)10/11		ALM066	2/2
	I			(S,O,F)10/5			
ALM136	O	01-043-001	(G)			ALM018	
ALM145	O	01-043-003	(J,G)	(J,G)10/1		ALM421	2/2
LED13A	O	01-043-207				FAO	2/2

SYMBOL NO. 6 (CONT)

FUSE PANEL CIRCUIT
FUSE PANEL

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
FUSE-10	167-000	J50003AM-1,L1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
LED14B	GRD	01-043-212				RTN	1/3
NCKAL1	O	01-043-001	(Q)	(Q)8/2		ALM018	1/12
RTN111A	GRD	02-020-52	(S,O,F)	(S,O,F)10/8		10423TR	1/12
RTN111B	PWR	02-020-42	(S,O,F)	(S,O,F)10/8		10424T	1/12
RTN111C	GRD	02-020-40	(S,O,F)	(S,O,F)10/8		10424BR	1/12
RTN119	GRD	02-072-22	(S,F)			10664TR	1/13
RTN119B	GRD	02-072-32	(J,G)	(J,G)10/11		10663TR	1/13
RTN136	GRD	02-020-44	(J,G)	(J,G)10/4		30425BR	1/12
RTN145A	GRD	02-072-02	(J,G)	(J,G)10/1		10422TR	1/13
RTN145B	GRD	02-072-12	(J,G)	(J,G)10/1		10421TR	1/13

PART OF FS 10
SYMBOL(S) 6COPYRIGHT (C) 1987 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH CABINET

DWG SIZE
12ISSUE
6MAT&T
BELL LABORATORIES

SD-5D146-01

B10CB

PART OF FS 10 1 POWER ACCESS AND CONTROL

SYMBOL NO. 7

FUSE PANEL CIRCUIT
FUSE PANEL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
FUSE-11	167-094	J5D003AM-1,L1	A	(1)
FUSE-11	167-094	J5D003AU-1,L4	A	(3)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	PWR	02-020-01				10184B	1/12
	PWR	02-020-03				10184T	1/12
	PWR	02-020-11				10183B	1/12
	PWR	02-020-13				10183T	1/12
	PWR	02-020-15				30428B	1/12
	PWR	02-020-21				10182B	1/12
	PWR	02-020-23				10182T	1/12
	PWR	02-020-35				30428B	1/12
	PWR	02-020-51				10423B	1/12
	PWR	02-072-01				10422B	1/13
	PWR	02-072-21				10664B	1/13
	PWR	02-072-25				30423B	1/13
	PWR	02-072-31				10663B	1/13
	PWR	02-072-33				10663T	1/13
	PWR	02-072-35				30422B	1/13
	PWR	02-072-41				10662B	1/13
	PWR	02-072-42				10662T	1/13
	PWR	02-072-45				30421B	1/13
	PWR	02-072-51				10661B	1/13
	PWR	02-072-53				10661T	1/13
	PWR	03-041-48				-48B00	1/1
	PWR	03-050-48				-48B10	1/2
	O	01-043-001				ALM018	2/2
	O	01-043-202				ALM420	2/2
	O	01-043-203				ALM421	2/2
	O	01-043-204				ALM066	2/2
	O	01-043-207				FA0	2/2
	O	01-043-501				S(SP)	2/2
	O	01-043-502				R(SP)	2/2
	O	01-043-503				T(SP)	2/2
	O	01-043-701				S(SP)	2/2
	O	01-043-702				R(SP)	2/2
	O	01-043-703				T(SP)	2/2
	I	01-043-101				TST018	2/2
	I	01-043-102				TST420	2/2
	I	01-043-103				TST421	2/2
	I	01-043-104				TST066	2/2
	I	01-043-301				TST018	2/2
	I	01-043-302				TST420	2/2
	I	01-043-303				TST421	2/2
	I	01-043-304				TST066	2/2
	I	01-043-401				T-TTYA	2/2
	I	01-043-402				T1-TTYA	2/2
	I	01-043-403				S-TTYA	2/2
	I	01-043-404				R-TTYA	2/2
	I	01-043-405				R1-TTYA	2/2
	I	01-043-406				S1-TTYA	2/2
	I	01-043-407				T-TTYB	2/2
	I	01-043-408				T1-TTYB	2/2
	I	01-043-409				S-TTYB	2/2
	I	01-043-410				R-TTYB	2/2
	I	01-043-411				R1-TTYB	2/2
	I	01-043-412				S1-TTYB	2/2
	I	01-043-504				R	2/2
	I	01-043-505				R1	2/2
	I	01-043-506				T1	2/2
	I	01-043-507				T	2/2
	I	01-043-601				T-TTYA	2/2
	I	01-043-602				T1-TTYA	2/2

SYMBOL NO. 7 (CONT)

FUSE PANEL CIRCUIT
FUSE PANEL

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
FUSE-11	167-094	J5D003AM-1,L1	A	(1)
FUSE-11	167-094	J5D003AM-1,L4	A	(3)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	I	01-043-603				S-TTYA	2/2
	I	01-043-604				R-TTYA	2/2
	I	01-043-605				RA-TTYA	2/2
	I	01-043-606				S1-TTYA	2/2
	I	01-043-607				T-TTY	2/2
	I	01-043-608				T1-TTY	2/2
	I	01-043-609				S-TTYB	2/2
	I	01-043-610				R-TTYB	2/2
	I	01-043-611				R1-TTYB	2/2
	I	01-043-612				S1-TTYB	2/2
	I	01-043-704				R	2/2
	I	01-043-705				R1	2/2
	I	01-043-706				T1	2/2
	I	01-043-707				T	2/2
	GRD	01-043-212				RTN	1/3
	GRD	01-052-RTN				RTN	1/3
	GRD	02-020-00				10184BR	1/12
	GRD	02-020-12				10184TR	1/12
	GRD	02-020-10				10183BR	1/12
	GRD	02-020-12				10183TR	1/12
	GRD	02-020-14				30428BR	1/12
	GRD	02-020-20				10182BR	1/12
	GRD	02-020-22				10182TR	1/12
	GRD	02-020-34				30426BR	1/12
	GRD	02-020-50				10423BR	1/12
	GRD	02-072-00				10422BR	1/13
	GRD	02-072-20				10664BR	1/13
	GRD	02-072-24				30423BR	1/13
	GRD	02-072-30				10663BR	1/13
	GRD	02-072-32				10663TR	1/13
	GRD	02-072-34				30422BR	1/13
	GRD	02-072-40				10662BR	1/13
	GRD	02-072-43				10662TR	1/13
	GRD	02-072-44				30421BR	1/13
	GRD	02-072-50				10661BR	1/13
	GRD	02-072-52				10661TR	1/13
	GRD	03-041-RTN				RTNB00	1/1
	GRD	03-050-RTN				RTNB10	1/2
-48V111D	PWR	02-072-03	(S,O,F)	(S,O,F)10/8		10422T	1/13
-48V111E	PWR	02-072-13	(S,O,F)	(S,O,F)10/8		10421T	1/13
-48V111F	PWR	02-072-11	(S,O,F)	(S,O,F)10/8		10421B	1/13
-48V119C	PWR	02-020-25		10/11		30427B	1/12
-48V128	PWR	02-072-15	(J,G)	(J,G)10/3		30424B	1/13
-48V153	PWR	02-020-53	(J,G)	(J,G)10/2		10423T	1/12
-48V162A	PWR	02-020-31		10/10		10181B	1/12
-48V162B	PWR	02-020-33		10/10		10181T	1/12
ALM062A	I	01-043-008		9/7		ALM018B	
ALM062B	I	01-043-009		9/7		ALM018T	
ALM111	OT	01-043-003	(S,O,F)	(S,O,F)10/6		ALM421	2/2
ALM128	O	01-043-004	(J,G)	(J,G)10/3		ALM066	2/2
ALM153	O	01-043-002	(J,G)	(J,G)10/2		ALM420	2/2
RTN111D	GRD	02-072-02	(S,O,F)	(S,O,F)10/8		10422TR	1/13
RTN111E	GRD	02-072-12	(S,O,F)	(S,O,F)10/8		10421TR	1/13
RTN111F	GRD	02-072-10	(S,O,F)	(S,O,F)10/8		10421BR	1/13
RTN119C	GRD	02-020-24		10/11		30427BR	1/12
RTN128	GRD	02-072-14	(J,G)	(J,G)10/3		30424BR	1/13
RTN153	GRD	02-020-52	(J,G)	(J,G)10/2		10423TR	1/12
RTN162A	GRD	02-020-30		10/10		10181BR	1/12
RTN162B	GRD	02-020-32		10/10		10181TR	1/12

SYMBOL NO. 8

FAN UNIT

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
FAN-1	107-000	J5D003AF-1,L1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	D	04-011-1				1SCAN0	1/7
	D	04-011-14				0RES1	1/7
	D	04-011-15				1RES1	1/7
	D	04-011-19				0SCAN0	1/7
	D	04-011-26				LTPRST	1/7
	D	04-011-9				FLED4	1/7
-48V111A	PWR	08-112-8	(S,O,F)	(S,O,F)10/6		-48B3A	1/1
-48V111B	PWR	08-056-8	(S,O,F)	(S,O,F)10/6		-48B2A	1/2
-48V111C	PWR	08-020-8	(S,O,F)	(S,O,F)10/6		-48B1A	1/3
-48V111D	PWR	08-112-6	(S,O,F)	(S,O,F)10/7		-48B3B	1/1
-48V111E	PWR	08-056-6	(S,O,F)	(S,O,F)10/7		-48B2B	1/2
-48V111F	PWR	08-020-6	(S,O,F)	(S,O,F)10/7		-48B1B	1/3
LED11A	O	04-011-12				FLED1	1/7
LED11B	GRD	04-011-4				FLED0	1/7
LED12A	O	04-011-11				FLED2	1/7
RTNRES1	GRD	04-011-27		TO 3B1OP 0 AND TO 3B1OP 1	P/3BRES1	RTN	1/7
RTNSEN1	GRD	04-011-25		TO 3B1OP 0 AND TO 3B1OP 1	P/3BSEN1	RTN	1/7
RTN111A	GRD	08-112-5	(S,O,F)	(S,O,F)10/6		48RTNB3A	1/1
RTN111B	GRD	08-056-5	(S,O,F)	(S,O,F)10/6		48RTNB2A	1/2
RTN111C	GRD	08-020-5	(S,O,F)	(S,O,F)10/6		48RTNB1A	1/3
RTN111D	GRD	08-112-4	(S,O,F)	(S,O,F)10/7		48RTNB3B	1/1
RTN111E	GRD	08-056-4	(S,O,F)	(S,O,F)10/7		48RTNB2B	1/2
RTN111F	GRD	08-020-4	(S,O,F)	(S,O,F)10/7		48RTNB1B	1/3
3BRES1	O	04-011-6		TO 3B1OP 0 AND TO 3B1OP 1	P/RTNRES1	3BRES1	1/7
3BSEN1	O	04-011-17		TO 3B1OP 0 AND TO 3B1OP 1	P/RTNSEN1	3BSEN0	1/7

PART OF FS 10
SYMBOL(S) 7 & 8

COPYRIGHT (C) 1987 AT&T ALL RIGHTS RESERVED		
MESSAGE SWITCH CABINET		DWG SIZE C
AT&T BELL LABORATORIES		ISSUE 6M
SD-5D146-01		B10CC

PART OF FS 10

1 POWER ACCESS AND CONTROL

SYMBOL NO. 9

SCAN AND DISTRIBUTE
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MSPU2-1	158-000	J50006AF-1	D	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
100SM4	I	04-008-151		TO 3810P 0	P/100SM4R	A00S3B	2/2
100SM4R	I	04-008-151		TO 3810P 0	P/100SM4	A00SR	2/2
100SM5	I	04-008-151		TO 3810P 0	P/100SM5R	B00S3B	4/2
100SM5R	I	04-008-051		TO 3810P 0	P/100SM5	B00SR	4/2
100SM4	I	04-008-138		TO 3810P 1	P/100SM4R	A00S3B	2/2
100SM4R	I	04-008-038		TO 3810P 1	P/100SM4	A00SR	2/2
100SM5	I	04-008-138		TO 3810P 1	P/100SM5R	B00S3B	4/2
100SM5R	I	04-008-038		TO 3810P 1	P/100SM5	B00SR	4/2
1R1PMS4	I	04-008-152		TO 3810P 0	P/1R1PMS4R	ARQIP3B	2/2
1R1PMS4R	I	04-008-052		TO 3810P 0	P/1R1PMS4	ARQIP3BR	2/2
1R1PMS5	I	04-008-152		TO 3810P 0	P/1R1PMS5R	BRQIP3B	4/2
1R1PMS5R	I	04-008-052		TO 3810P 0	P/1R1PMS5	BRQIP3BR	4/2
1R1PM4	I	04-008-139		TO 3810P 1	P/1R1PM4R	ARQIP3B	2/2
1R1PM4R	I	04-008-039		TO 3810P 1	P/1R1PM4	ARQIP3BR	2/2
1R1PM5	I	04-008-139		TO 3810P 1	P/1R1PM5R	BRQIP3B	4/2
1R1PM5R	I	04-008-039		TO 3810P 1	P/1R1PM5	BRQIP3BR	4/2
1SCXMS4	D	04-008-134		TO 3810P 0	P/1SCXMS4R	ASCX3B	2/2
1SCXMS4R	D	04-008-054		TO 3810P 0	P/1SCXMS4	ASDXR	2/2
1SCXMS5	D	04-008-154		TO 3810P 0	P/1SCXMS5R	BSCX3B	4/2
1SCXMS5R	D	04-008-054		TO 3810P 0	P/1SCXMS5	BSCXR	4/2
1SCXMS4	D	04-008-141		TO 3810P 1	P/1SCXMS4R	ASCX3B	2/2
1SCXMS5	D	04-008-141		TO 3810P 1	P/1SCXMS5R	BSCX3B	4/2
1SCXMS5R	D	04-008-041		TO 3810P 1	P/1SCXMS5	BSCXR	4/2
1SCYMS4	D	04-008-153		TO 3810P 0	P/1SCYMS4R	ASCY3B	2/2
1SCYMS4R	D	04-008-053		TO 3810P 0	P/1SCYMS4	ASCYR	2/2
1SCYMS5	D	04-008-153		TO 3810P 0	P/1SCYMS5R	BSCY3B	4/2
1SCYMS5R	D	04-008-053		TO 3810P 0	P/1SCYMS5	BSCYR	4/2
1SCYM4	D	04-008-140		TO 3810P 1	P/1SCYM4R	ASCY3B	2/2
1SCYM4R	D	04-008-040		TO 3810P 1	P/1SCYM4	ASCYR	2/2
1SCYM5	D	04-008-140		TO 3810P 1	P/1SCYM5R	BSCY3B	4/2
1SCYM5R	D	04-008-040		TO 3810P 1	P/1SCYM5	BSCYR	4/2

SYMBOL NO. 10

POWER
MESSAGE SWITCH PERIPHERAL UNIT MODEL 2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MSPU2-1	158-000	J50006AF-1	E	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
-48V162A	PWR	01-016-080		10/7		A-48PWR	2/1
-48V162B	PWR	01-105-080		10/7		B-48PWR	4/1
ALM162A	I	04-008-145				AALMC2	2/1
ALM162B	I	04-008-145				BALMC2	4/2
RTN162A	GRD	01-019-080		10/7		A-48RTN	2/1
RTN162B	GRD	01-108-080		10/7		B-48RTN	4/1

SYMBOL NO. 11

POWER
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MICU2-1	115-000	J50006ED-1	A	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC		04-008-046					
-48V119A	PWR	01-032-080		(Q,F)			
-48V119B	PWR	01-014-080		10/6			
-48V119C	I	01-169-080		10/7			
ALM111	I	04-008-045		(S,O,F)	(S,O,F)10/6		
ALM119	OT	04-008-145		(S,O,F)	(S,O,F)10/6		
00S3BR0	I	04-176-016		(Q)	(Q)9/11	P/00S3B0	00S3BR0 4/4
00S3BR1	I	04-176-051		(Q)	(Q)9/11	P/00S3B1	00S3BR1 4/4
00S3B0	I	04-176-116		(Q)	(Q)9/11	P/00S3B0	00S3B0 4/4
00S3B1	I	04-176-151		(Q)	(Q)9/11	P/00S3B1	00S3B1 4/4
RTN119A	GRD	01-036-080		(Q,F)			
RTN119B	GRD	01-018-080		10/6			
RTN119C	PWR	01-173-080		10/7			
SCX3BR0	OT	04-176-019		(Q)	(Q)9/11	P/SCX3B0	SCX3BR0 4/4
SCX3BR1	OT	04-176-054		(Q)	(Q)9/11	P/SCX3B1	SCX3BR1 4/4
SCX3B0	OT	04-176-119		(Q)	(Q)9/11	P/SCX3B0	SCX3B0 4/4
SCX3B1	OT	04-176-154		(Q)	(Q)9/11	P/SCX3B1	SCX3B1 4/4
SCY3BR0	OT	04-176-018		(Q)	(Q)9/11	P/SCY3B0	SCY3BR0 4/4
SCY3B0	OT	04-176-118		(Q)	(Q)9/11	P/SCY3B0	SCY3B0 4/4
SCY3B1	OT	04-176-153		(Q)	(Q)9/11	P/SCY3B1	SCY3B1 4/4
SLY3BR1	D	04-176-053		(Q)	(Q)9/11	P/SLY3B1	SCY3BR1 4/4
1CKCCIN	D	04-100-134		(W)	TO 3810P 1	P/1CKCCIP	CKCC11 3/1
1CKCCIP	D	04-100-034		(W)	TO 3810P 1	P/1CKCCIN	CKCC10 3/1
1CPIN	I	04-100-133		(W)	TO 3810P 1	P/1CPIP	CP11 3/1
1CP1P	I	04-100-033		(W)	TO 3810P 1	P/1CPIN	CP10 3/1
100S	I	04-008-138		10/5		P/100SR	00S3B 1/1
100SR	I	04-008-038		10/1		P/100S	00S3BR 1/1
1003B	I	04-008-151		10/5		P/1003BR	00S3B 1/1
1003BR	I	04-008-051		10/5		P/1003B	00S3BR 1/1
1RCVPARN	D	04-100-036		(W)	TO 3810P 1	P/1RCVPARP	TXP0 3/1
1RCVPARP	D	04-100-136		(W)	TO 3810P 1	P/1RCVPARN	TXP1 3/1
1RQIP	I	04-008-139		10/5		P/1RQIPR	RQIP3B 1/1
1RQIPR	I	04-008-039		10/5		P/1RQIP	RQIP3BR 1/1
1RQIP3B	I	04-008-152		10/5		P/1RQIP3BR	RQIP3B 1/1
1RQIP3BR	I	04-008-052		10/5		P/1RQIP3B	RQIP3BR 1/1
1SCX	D	04-008-141		10/5		P/1SCXR	SCX3B 1/1
1SCXR	OT	04-008-041		10/1		P/1SCX	SCX3BR 1/1
1SCX3B	OT	04-008-154		10/5		P/1SCX3BR	SCX3B 1/1
1SCX3BR	OT	04-008-054		10/5		P/1SCX3B	SCX3BR 1/1
1SCY	D	04-008-140		10/5		P/1SCYR	SCY3B 1/1
1SCYR	OT	04-008-040		10/1		P/1SCY	SCY3BR 1/1
1SCY3B	OT	04-008-153		10/5		P/1SCY3BR	SCY3B 1/1

SYMBOL NO. 11 (CONT)

POWER
MESSAGE INTERFACE/CLOCK UNIT, MODEL 2

DESIG	EOPT LOC	CODE	ELEM IDENT	OPT
MICU2-1	115-000	J50006ED-1	A	(P)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
1SCY3BR	OT	04-008-053		10/5		P/1SCY3B	SCY3BR 1/1
1SCZ	D	04-008-142		10/5		P/1SCZR	SCZ3B 1/1
1SCZR	D	04-008-042		10/5		P/1SCZ	SCZ3BR 1/1
1SCZ3B	D	04-008-155		10/5		P/1SCZ3BR	SCZ3B 1/1
1SCZ3BR	D	04-008-055		10/5		P/1SCZ3B	SCZ3BR 1/1
1TRMPARN	I	04-100-035		(W)	TO 3810P 1	P/1TRMPARP	RXP0 3/1
1TRMPARP	I	04-100-135		(W)	TO 3810P 1	P/1TRMPARN	RXP1 3/1
1X25CLKN	D	04-100-139		(W)	TO 3810P 1	P/1X25CLKP	L1X25CO 3/1
1X25CLKP	D	04-100-039		(W)	TO 3810P 1	P/1X25CLKN	L1X25COR 3/1
1X25RDTN	D	04-100-138		(W)	TO 3810P 1	P/1X25R0TP	L1X25X0 3/1
1X25R0TP	D	04-100-038		(W)	TO 3810P 1	P/1X25RDTN	L1X25JR 3/1
1X25TDTP	I	04-100-037		(W)	TO 3810P 1	P/1X25TDTP	L1X25FR 3/1
1X25TDTP	I	04-100-137		(W)	TO 3810P 1	P/1X25TDTP	L1X25RV1 3/1

PART OF FS 10
SYMBOL(S) 9 10 11COPYRIGHT © 1987 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH CABINET

DWG SIZE
CZISSUE
6MAT&T
BELL LABORATORIES

SD-5D146-01

B10CD

0 1 2 3 4 5 6 7 8 9

A

PART OF FS 10
1 POWER ACCESS AND CONTROL
COMPOSITE DIAGRAM 1

A

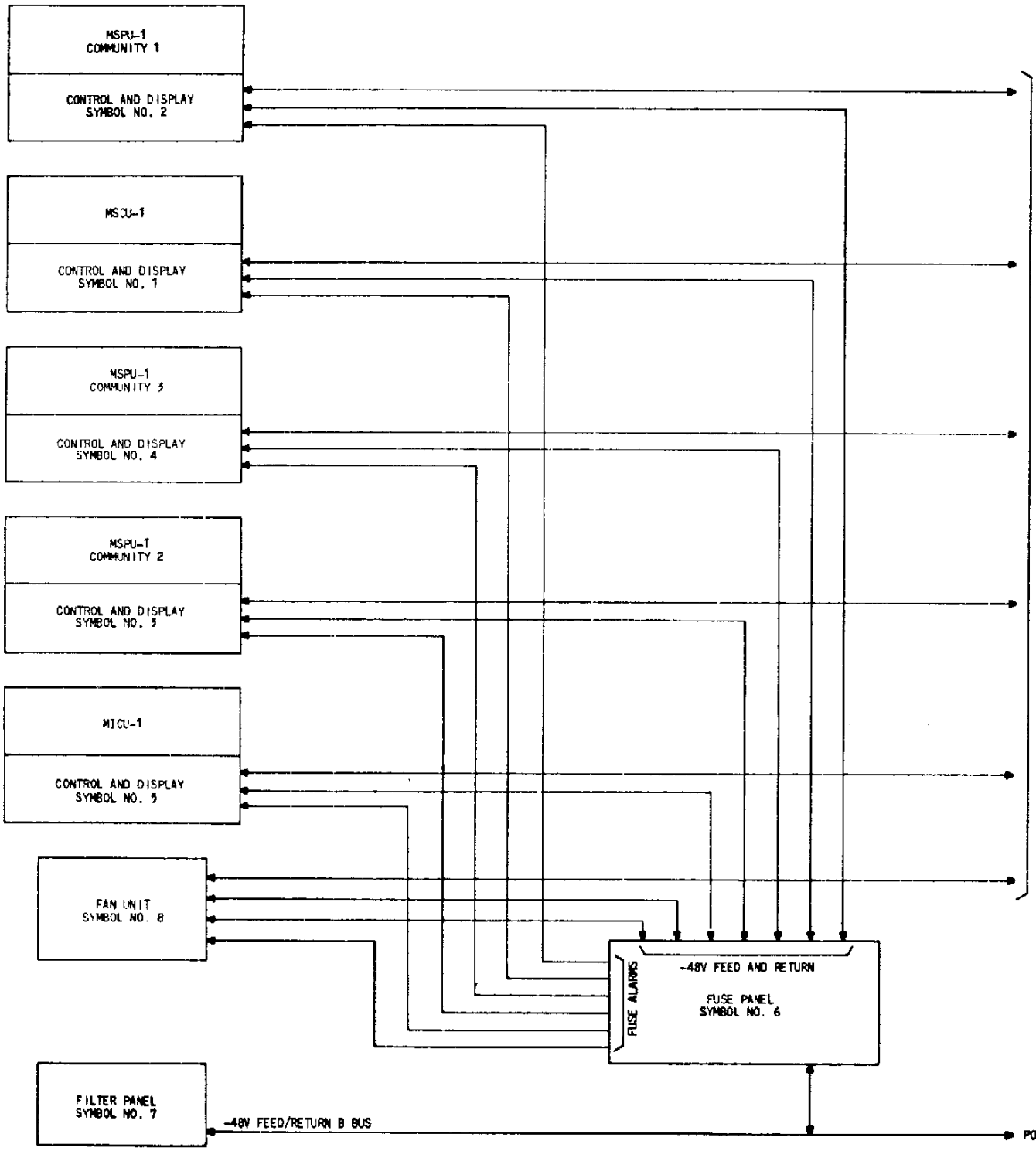
NOTES:

FS 10 IS THE POWER ACCESS AND CONTROL FUNCTION. THIS FUNCTION PROVIDES THE CABINET CIRCUIT PACK WITH ITS PROPER VOLTAGE AND ALARMING TO THE 3B PROCESSOR IN THE EVENT OF POWER FAILURE.

-48V FEED AND RETURN IS CONNECTED TO THE CABINET FILTERED AND FEED TO THE FUSE PANEL. INDIVIDUAL UNITS CONNECT TO THE FUSE PANEL TO PROVIDE VOLTAGE TO THEIR POWER CONVERTERS AND CONTROL CIRCUIT PACKS. THE POWER CONVERTERS CHANGE THE -48V TO THEIR PROPER CIRCUIT PACK VOLTAGE AND GROUND.

CONTROL AND ALARMING OF THE POWER CONVERTERS IS PROVIDED BY INDIVIDUAL CONTROL AND DISPLAY (C&D) CIRCUIT PACKS. THE C&D CIRCUIT PACK PROVIDES BOTH MANUAL AND 3B IOP CONTROL OF THE POWER CONVERTER. THE 3B IOP MONITORS THE C&D FOR ALARMS AND REQUESTS FOR OUT OF SERVICE. BOTH FUSE BLOCKS ON CABINET 1 ARE POWERED FROM THE B BUS.

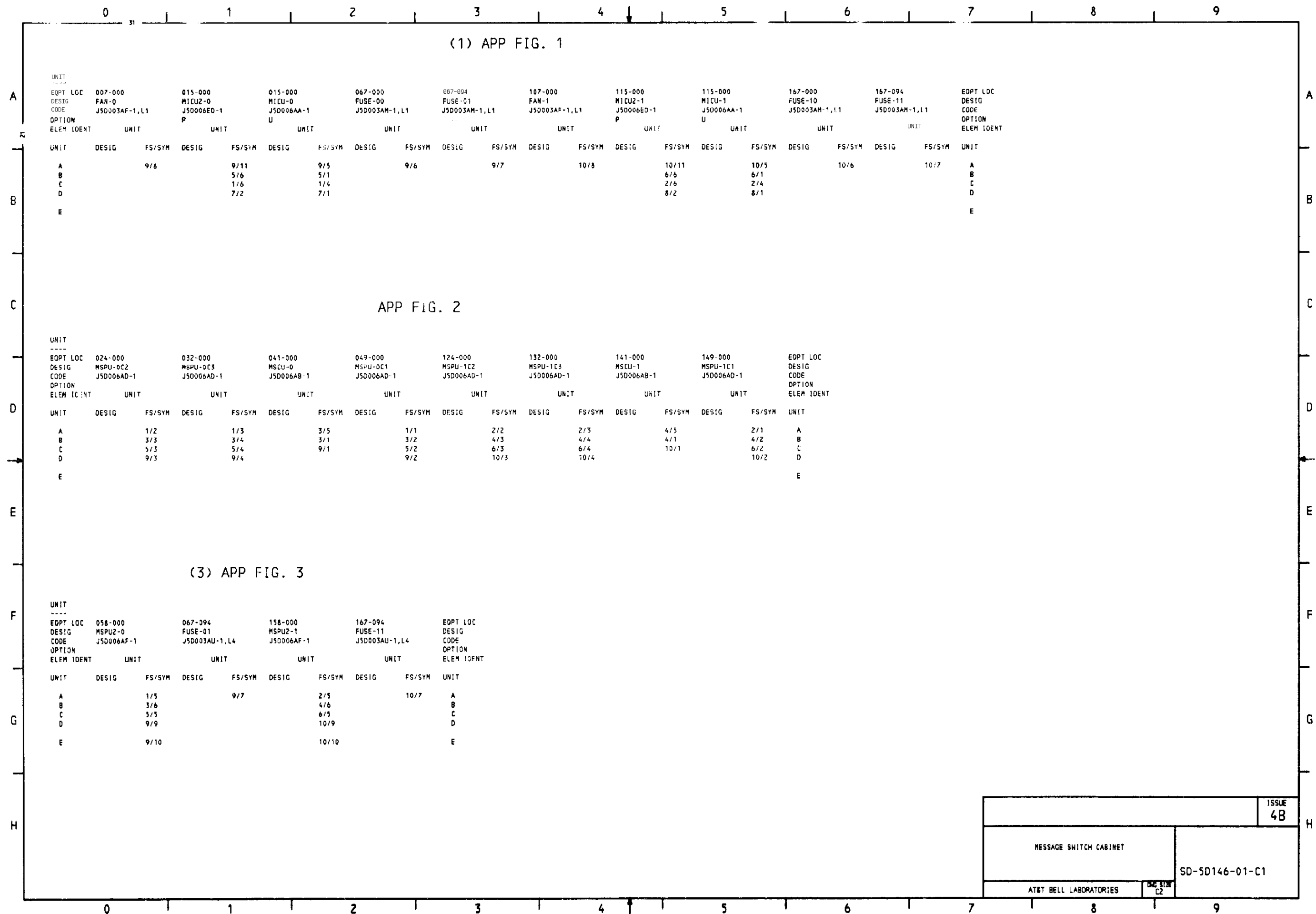
B



H

MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		83	2A
AT&T BELL LABORATORIES	SD-5046-01	SHEET BIOGA	

0 1 2 3 4 5 6 7 8 9



CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE	

EQUIPMENT NOTES:

201. UNLESS OTHERWISE SPECIFIED ALL CABINET INTERCONNECTIONS WILL BE VIA CONNECTORIZED CABLES.
202. THE MINIMUM BEND RADIUS FOR FIBER OPTIC CABLES SHALL BE 1.5 INCHES.
203. THE FIBER OPTIC CABLES CONNECT TO THE TSIU IN THE IM FOR SINGLE MODULE OFFICES.
- 204.
205. AT NO TIME SHALL THE AIR INTAKE AND EXHAUST PASSAGES LOCATED AT THE TOP AND BOTTOM OF THE CABINETS BE BLOCKED WHILE THE SYSTEM HAS POWER APPLIED.
206. THE FOUR CABLES BETWEEN THE 3B CC AND MSCU'S SPECIFIED IN CADS 084, 085, 086 AND 087 SHOULD NOT EXCEED 50 FT.
207. CABINET LINE DRAWING IS PROVIDED FOR UNIT IDENTIFICATION.

MULTI-MODULE CABINET

FUSE/FILTER	FUSE/FILTER
MSPU2-0 COMM 4&5	MSPU2-1 COMM 4&5
MSPU-0 COMM 1	MSPU-1 COMM 1
MSCU-0	MSCU-1
MSPU-0 COMM 3	MSPU-1 COMM 3
MSPU-0 COMM 2	MSPU-1 COMM 2
MICU-0	MICU-1
FAN-0	FAN-1

SINGLE MODULE CABINET

FUSE/FILTER	FUSE/FILTER
MICU-0	MICU-1
FAN-0	FAN-1

208. IF THE MESSAGE INTERFACE AND CLOCK UNIT (MICU) IN THE CABINET USES A "TN249" CIRCUIT PACK AT EQL "174", CABLING OPTION "Y" WILL NOT BE INSTALLED. HOWEVER, IF A "TN245" CIRCUIT PACK IS EQUIPPED AT EQL "174", CABLE OPTION "Y" MUST BE INSTALLED.
209. THESE LEAD DESIGNATIONS ARE PAIRED WITH GROUND VIA A GROUND BUS IN THE 982AH CONNECTORS. GROUND IS PROVIDED TO THE CONNECTOR VIA TWO BACKPLANE PINS ON BOTH ENDS OF THE CABLE.
210. WHEN APP FIG. 3 IS INCLUDED LIST 4 OF J50009AU-1 IS ADDED TO THE FUSE/FILTER UNITS AT ECLS 067-094 AND 167-094 ONLY.

MESSAGE SWITCH CABINET

DWG SIZE
00ISSUE
48AT & T
BELL LABORATORIES

30-50146-01

SHEET
01

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		PROVIDE		
		APP FIG.	APP OR WRG	QUANTITY
BASIC MESSAGE SWITCH CABINET				1 PER SIMPLEX CABINET
OPTIONAL CABLES REQUIRED FOR SINGLE MODULE OFFICES ONLY USING THE MICU		Z		1 PER OFFICE
OPTIONAL CABLES REQUIRED FOR SINGLE MODULE OFFICES ONLY USING THE MICU2		W		1 PER OFFICE
OPTIONAL CABLES REQUIRED FOR EXTERNAL CLOCK SYNCHRONIZATION USING THE MICU		Y		1 PER OFFICE
OPTIONAL CABLES REQUIRED FOR EXTERNAL CLOCK SYNCHRONIZATION USING THE MICU2		V		1 PER OFFICE
OPTIONAL CABLES REQUIRED FOR MULTI-MODULE OFFICES ONLY USING THE MICU		X		1 PER OFFICE
OPTIONAL CABLES REQUIRED FOR MULTI-MODULE OFFICES ONLY USING THE MICU2		T		1 PER OFFICE
OPTIONAL CABLES REQUIRED WHEN USING THE MICU		1	S	1 PER OFFICE
OPTIONAL CABLES REQUIRED WHEN USING THE MICU2 WITH EITHER NETWORK CLOCK 1 OR 2			R	1 PER OFFICE
ADDITIONAL CABLES REQUIRED WHEN USING THE MICU2 WITH NETWORK CLOCK 2			Q	1 PER OFFICE
OPTIONAL CABLES FOR PROVIDING ADDITIONAL T1 REFERENCES FOR EXPORT APPLICATIONS (NON-COAXIAL CONNECTOR TERMINATIONS FROM DSX)			N	1 PER OFFICE
OPTIONAL CABLES FOR PROVIDING ADDITIONAL T1 REFERENCES FOR EXPORT APPLICATIONS (USING COAX CONNECTOR TERMINATIONS)			M	1 PER OFFICE
OPTIONAL CABLES FOR PROVIDING ATTRF IN MICU2 NETWORK CLOCK 2 APPLICATIONS			K	1 PER OFFICE
OPTIONAL CABLES REQUIRED WHEN USING THE MICU2 WITH NETWORK CLOCK 1			F	1 PER OFFICE
OPTIONAL CABLES FOR PROVIDING ADDITIONAL T1 REFERENCES FOR EXPORT APPLICATIONS (NON-COAXIAL CONNECTOR TERMINATIONS FROM DLTU-E)			E	1 PER OFFICE
MESSAGE INTERFACE CLOCK UNIT	J50006AA-1		U	1 PER SIMPLEX CABINET
	J50006ED-1		P	1 PER SIMPLEX CABINET

INFORMATION NOTES (CONT):

302. (CONT)

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY
MESSAGE SWITCH CABINET EQUIPPED FOR MULTI-MODULE OFFICE			1 PER SIMPLEX CABINET
OPTIONAL CABLES REQUIRED WHEN EQUIPPED WITH MICU	2	J	1 PER OFFICE
OPTIONAL CABLES REQUIRED WHEN EQUIPPED WITH MICU2		G	1 PER OFFICE
MESSAGE SWITCH CABINET EQUIPPED WITH MSPU2 UNIT, ASSOCIATED CABLES, AND LIST 4 OF FUSE/FILTER UNIT. FOR OFFICES EQUIPPED WITH 33 TO 48 DM'S OF RSM'S	3		1 PER SIMPLEX CABINET

303.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGES ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD
5B	Z	NONE	304	Z		
5B	Y	NONE	304	Y		
5B	X	NONE	304	X		
5B	W	NONE		W		
5B	V	NONE		V		
5B	U	NONE		U		
5B	T	NONE		T		
5B	S	NONE		S		
5B	R	NONE		R		
5B	Q	NONE		Q		
5B	P	NONE		P		
5B	N	NONE		N		
5B	M	NONE		M		
5B	K	NONE		K		
5B	J	NONE		J		
5B	G	NONE		G		
5B	F	NONE		F		
5B	E	NONE		E		
5B	FIG. 3	NONE		FIG. 3		

304. OPTIONS X, Y, AND Z WERE SPECIFIED ON ISSUE 1, HOWEVER THEIR
APPLICATIONS HAVE CHANGED. SEE NOTE 302.

MESSAGE SWITCH CABINET

DWG SIZE
88

ISSUE
5B

AT & T
BELL LABORATORIES

SD-50146-01

SHEET
02

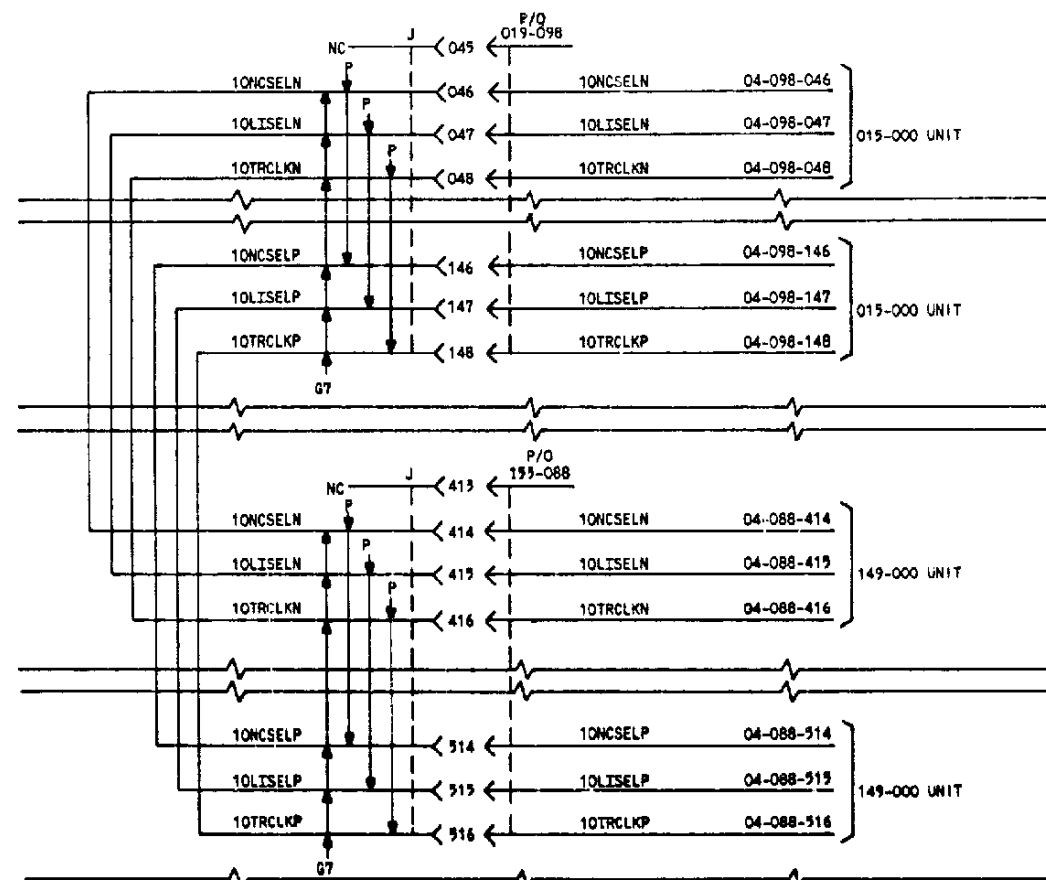
APP FIG. 2 (J) CAD 027A

TO CONTROL AND DIAGNOSTIC ACCESS LINK A

NOTES:

1. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
.....J					019-098	JACK/UNIT	(ED5D906-23).....				
153-088-414	NC			045							
153-088-414	10NCSELN	G7	P000	046	10NCSELN	015-000 UNIT	04-098-046				
153-088-415	10LISELN	G7	P001	047	10LISELN	015-000 UNIT	04-098-047				
153-088-416	10TRCLKN	G7	P002	048	10TRCLKN	015-000 UNIT	04-098-048				
.....J					153-088	JACK/UNIT	(ED5D906-23).....				
153-088-514	10NCSELP	G7	P000	146	10NCSELP	015-000 UNIT	04-098-146				
153-088-515	10LISELP	G7	P001	147	10LISELP	015-000 UNIT	04-098-147				
153-088-516	10TRCLKP	G7	P002	148	10TRCLKP	015-000 UNIT	04-098-148				
.....J					153-088	JACK/UNIT	(ED5D906-23).....				
019-098-046	NC			413							
019-098-047	10NCSELN	G7	P011	414	10NCSELN	149-000 UNIT	04-088-414				
019-098-047	10LISELN	G7	P012	415	10LISELN	149-000 UNIT	04-088-415				
019-098-048	10TRCLKN	G7	P013	416	10TRCLKN	149-000 UNIT	04-088-416				
.....J					153-088	JACK/UNIT	(ED5D906-23).....				
019-098-146	10NCSELP	G7	P011	514	10NCSELP	149-000 UNIT	04-088-514				
019-098-147	10LISELP	G7	P012	515	10LISELP	149-000 UNIT	04-088-515				
019-098-148	10TRCLKP	G7	P013	516	10TRCLKP	149-000 UNIT	04-088-516				



APP FIG. 1 (Y) CAD 007A

PRIMARY T1 TO NETWORK CLOCK-0

NOTES:

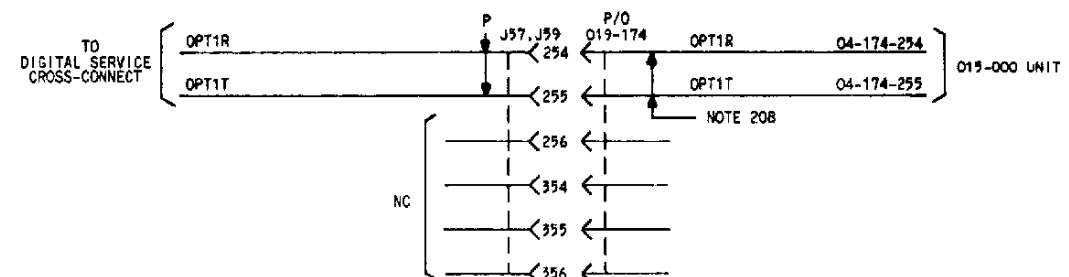
2. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
.....JS7,JS9					019-174	JACK/UNIT	(ED5D906-30).....				
TO DIGITAL SERVICE CROSS-CONNECT	OPT1R		P000	254	OPT1R	015-000 UNIT	04-174-254			208	
	OPT1T		P000	255	OPT1T	015-000 UNIT	04-174-255			208	
	NC			256							
	NC			354							
	NC			355							
	NC			356							

TO DIGITAL SERVICE CROSS-CONNECT	OPT1R	P	JS7,JS9	254	P/O	019-174	OPT1R	04-174-254	015-000 UNIT
	OPT1T						255	OPT1T		04-174-255

NC		256				
		354				
		355				
		356				

NOTE 208



MESSAGE SWITCH CABINET

DATE REC'D
58

AT & T BELL LABORATORIES 80-50146-01

081

AP FIG 1 (X) CAD 001A

TIME MULTIPLEXED SWITCH-0 8KHZ REFERENCE A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JT3..... 019-158 JACK/UNIT (EDSD501-30).....									
TO TIME	0GRD019	G3		219	0GRD019	015-000 UNIT	04-158-219		
MULTIPLEXED	0TMS8KR	G3	P000	220	0TMS8KR	015-000 UNIT	04-158-220		
SWITCH CABINET	0TMS8KT	G3	P000	221	0TMS8KT	015-000 UNIT	04-158-221		
BAY 0									
	NC			319					
	NC			320					
	NC			321					

AP FIG 1 (T) CAD 001B

TIME MULTIPLEXED SWITCH-0 8KHZ REFERENCE A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JT3..... 019-130 JACK/UNIT (EDSD501-30).....									
TO TIME	0GRD019	G3		219	0GRD019	015-000 UNIT	04-130-219		
MULTIPLEXED	0TMS8KR	G3	P000	220	0TMS8KR	015-000 UNIT	04-130-220		
SWITCH CABINET	0TMS8KT	G3	P000	221	0TMS8KT	015-000 UNIT	04-130-221		
BAY 0									
	NC			319					
	NC			320					
	NC			321					

AP FIG 1 (X) CAD 002A

TIME MULTIPLEXED SWITCH-0 8KHZ REFERENCE B

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JT3..... 019-174 JACK/UNIT (EDSD501-30).....									
TO TIME	0GRD019	G3		219	0GRD019	015-000 UNIT	04-174-219		
MULTIPLEXED	08KTHSR	G3	P000	220	08KTHSR	015-000 UNIT	04-174-220		
SWITCH CABINET	08KTHST	G3	P000	221	08KTHST	015-000 UNIT	04-174-221		
BAY 0									
	NC			319					
	NC			320					
	NC			321					

AP FIG 1 (T) CAD 002B

TIME MULTIPLEXED SWITCH-0 8KHZ REFERENCE B

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JT3..... 019-152 JACK/UNIT (EDSD501-30).....									
TO TIME	0GRD019	G3		219	0GRD019	015-000 UNIT	04-152-219		
MULTIPLEXED	08KTHSR	G3	P000	220	08KTHSR	015-000 UNIT	04-152-220		
SWITCH CABINET	08KTHST	G3	P000	221	08KTHST	015-000 UNIT	04-152-221		
BAY 0									
	NC			319					
	NC			320					
	NC			321					

AP FIG 1 (X) CAD 003A

TIME MULTIPLEXED SWITCH-1 8KHZ REFERENCE A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JT4..... 119-158 JACK/UNIT (EDSD501-30).....									
TO TIME	1GRD119	G4		219	1GRD119	115-000 UNIT	04-158-219		
MULTIPLEXED	1TMS8KR	G4	P000	220	1TMS8KR	115-000 UNIT	04-158-220		
SWITCH CABINET	1TMS8KT	G4	P000	221	1TMS8KT	115-000 UNIT	04-158-221		
BAY 0									
	NC			319					
	NC			320					
	NC			321					

AP FIG 1 (T) CAD 003B

TIME MULTIPLEXED SWITCH-1 8KHZ REFERENCE A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JT4..... 119-130 JACK/UNIT (EDSD501-30).....									
TO TIME	1GRD119	G4		219	1GRD119	115-000 UNIT	04-130-219		
MULTIPLEXED	1TMS8KR	G4	P000	220	1TMS8KR	115-000 UNIT	04-130-220		
SWITCH CABINET	1TMS8KT	G4	P000	221	1TMS8KT	115-000 UNIT	04-130-221		
BAY 1									
	NC			319					
	NC			320					
	NC			321					

AP FIG 1 (X) CAD 004A

TIME MULTIPLEXED SWITCH-1 8KHZ REFERENCE B

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JT4..... 119-174 JACK/UNIT (EDSD501-30).....									
TO TIME	1GRD119	G4		219	1GRD119	115-000 UNIT	04-174-219		
MULTIPLEXED	18KTHSR	G4	P000	220	18KTHSR	115-000 UNIT	04-174-220		
SWITCH CABINET	18KTHST	G4	P000	221	18KTHST	115-000 UNIT	04-174-221		
BAY 1									
	NC			319					
	NC			320					
	NC			321					

AP FIG 1 (T) CAD 004B

TIME MULTIPLEXED SWITCH-1 8KHZ REFERENCE B

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JT4..... 119-152 JACK/UNIT (EDSD501-30).....									
TO TIME	1GRD119	G4		219	1GRD119	115-000 UNIT	04-152-219		
MULTIPLEXED	18KTHSR	G4	P000	220	18KTHSR	115-000 UNIT	04-152-220		
SWITCH CABINET	18KTHST	G4	P000	221	18KTHST	115-000 UNIT	04-152-221		
BAY 1									
	NC			319					
	NC			320					
	NC			321					

AP FIG 1 (S) CAD 005A

NETWORK CLOCK 2KHZ CROSS-COUPLE A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 019-174 JACK/UNIT (EDSD506-20).....									
119-158-216	GRDB	G2		216	GRDB	015-000 UNIT	04-174-216		
119-158-217	ZXCR	G2	P000	217	ZXCR	015-000 UNIT	04-174-217		
119-158-218	ZXCT	G2	P000	218	ZXCT	015-000 UNIT	04-174-218		
119-158-316	SPARE073	G2		316	SPARE073	015-000 UNIT	04-174-316		
119-158-317	SPARE074	G2		317	SPARE074	015-000 UNIT	04-174-317		
119-158-318	SPARE075	G2		318	SPARE075	015-000 UNIT	04-174-318		

.....J..... 119-158 JACK/UNIT (EDSD506-20).....									
019-174-216	GRDB	G2		216	GRDB	115-000 UNIT	04-158-216		
019-174-217	ZXCR	G2	P001	217	ZXCR	115-000 UNIT	04-158-217		
019-174-218	ZXCT	G2	P001	218	ZXCT	115-000 UNIT	04-158-218		
019-174-316	SPA E073	G2		316	SPA E073	115-000 UNIT	04-158-316		
019-174-317	SPA E074	G2		317	SPA E074	115-000 UNIT	04-158-317		
019-174-318	SPA E075	G2		318	SPA E075	115-000 UNIT	04-158-318		

AP FIG 1 (R) CAD 005B

NETWORK CLOCK 2KHZ CROSS-COUPLE A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 019-152 JACK/UNIT (EDSD506-20).....									
119-130-216	GRDB	G2		216	GRDB	015-000 UNIT	04-152-216		
119-130-217	ZXCR	G2	P000	217	ZXCR	015-000 UNIT	04-152-217		
119-130-218	ZXCT	G2	P000	218	ZXCT	015-000 UNIT	04-152-218		
	NC	G2		316		015-000 UNIT	04-152-316		
	NC	G2		317		015-000 UNIT	04-152-317		
	NC	G2		318		015-000 UNIT	04-152-318		

.....J..... 119-130 JACK/UNIT (EDSD506-20).....									
019-152-216	GRDB	G2		216	GRDB	115-000 UNIT	04-130-216		
019-152-217	ZXCR	G2	P001	217	ZXCR	115-000 UNIT	04-130-217		
019-152-218	ZXCT	G2	P001	218	ZXCT	115-000 UNIT	04-130-218		
	NC	G2		316		115-000 UNIT	04-130-316		
	NC	G2		317		115-000 UNIT	04-130-317		
	NC	G2		318		115-000 UNIT	04-130-318		

COPYRIGHT (C) 1987 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH CABINET

DWG SIZE
C2ISSUE
6MAT&T
BELL LABORATORIES

SD-5D146-01

GB2

AP FIG 1 (S) CAD 006A

NETWORK CLOCK 2KHZ CROSS-COUPLE 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J.....				019-158	JACK/UNIT	(ED5D506-20).....			
119-174-216	GRDA	G1		216	GRDA	015-000 UNIT	04-158-216		
119-174-217	XC2KR	G1	P000	217	XC2KR	015-000 UNIT	04-158-217		
119-174-218	XC2KT	G1	P000	218	XC2KT	015-000 UNIT	04-158-218		
119-174-316	SPARE076	G1		316	SPARE076	015-000 UNIT	04-158-316		
119-174-317	SPARE077	G1		317	SPARE077	015-000 UNIT	04-158-317		
119-174-318	SPARE078	G1		318	SPARE078	015-000 UNIT	04-158-318		
.....J.....				119-174	JACK/UNIT	(ED5D506-20).....			
019-158-216	GRDA	G1		216	GRDA	115-000 UNIT	04-174-216		
019-158-217	XC2KR	G1	P001	217	XC2KR	115-000 UNIT	04-174-217		
019-158-218	XC2KT	G1	P001	218	XC2KT	115-000 UNIT	04-174-218		
019-158-316	SPARE076	G1		316	SPARE076	115-000 UNIT	04-174-316		
019-158-317	SPARE077	G1		317	SPARE077	115-000 UNIT	04-174-317		
019-158-318	SPARE078	G1		318	SPARE078	115-000 UNIT	04-174-318		

AP FIG 1 (R) CAD 006B

NETWORK CLOCK 2KHZ CROSS-COUPLE 8

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
.....J.....					019-130	JACK/UNIT	(ED5D506-20).....				
119-152-216	GRDA	G1		216	GRDA	015-000 UNIT	04-130-216				
119-152-217	XC2KR	G1	P000	217	XC2KR	015-000 UNIT	04-130-217				
119-152-218	XC2KT	G1	P000	218	XC2KT	015-000 UNIT	04-130-218				
	NC	G1		316		015-000 UNIT	04-130-316				
	NC	G1		317		015-000 UNIT	04-130-317				
	NC	G1		318		015-000 UNIT	04-130-318				
.....J.....					119-152	JACK/UNIT	(ED5D506-20).....				
019-130-216	GRDA	G1		216	GRDA	115-000 UNIT	04-152-216				
019-130-217	XC2KR	G1	P001	217	XC2KR	115-000 UNIT	04-152-217				
019-130-218	XC2KT	G1	P001	218	XC2KT	115-000 UNIT	04-152-218				
	NC	G1		316		115-000 UNIT	04-152-316				
	NC	G1		317		115-000 UNIT	04-152-317				
	NC	G1		318		115-000 UNIT	04-152-318				

AP FIG 1 (Y) CAD 007A

PRIMARY T1 TO NETWORK CLOCK-0

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....JS7,JS9				019-174	JACK/UNIT	(ED5D506-30)	.....		
TO DIGITAL	OPT1R		P000	254	OPT1R	015-000 UNIT	04-174-254	208	
SERVICE	OPT1T		P000	255	OPT1T	015-000 UNIT	04-174-255	208	
CROSS-CONNECT									
	NC			256					
	NC			354					
	NC			355					
	NC			356					

AP FIG 1 (V) CAD 007B

PRIMARY T1 TO NETWORK CLOCK-0

-----TO CONNECTION-----					-----FROM CONNECTION-----				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS7,JS9			019-152	JACK/UNIT	(ED50506-30).....				
	NC			254					
	NC			255					
	NC			256					
TO DIGITAL	REF1N		P000	354	REF1N	015-000 UNIT	04-152-354		208
SERVICE	REF1P		P000	355	REF1P	015-000 UNIT	04-152-355		208
CROSS-CONNECT									
	NC			356					

AP FIG 1 (Y) CAD 008A

SECONDARY T1 TO NETWORK CLOCK-0

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS7,JS9				019-174	JACK/UNIT	(ED5D506-30).....			
TO DIGITAL	OST1R		P000	207	OST1R	015-000 UNIT	04-174-207		208
SERVICE	OST1T		P000	208	OST1T	015-000 UNIT	04-174-208		208
CROSS-CONNECT									
	NC			209					
	NC			307					
	NC			308					
	NC			309					

AP FIG 1 (V) CAD 008B

SECONDARY T1 TO NETWORK CLOCK-0

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIGN	METHOD	WIRE SYM	TERMINAL	LEAD DESIGN	TERMINATION	TERMINAL		
.....JS7,JS9..... 019-152 JACK/UNIT (ED50506-30).....									
TO DIGITAL SERVICE CROSS-CONNECT	NC			207					
	NC			208					
	NC			209					
	REF2N		P000	307	REF2N	015-000 UNIT	04-152-307	208	
	REF2P		P000	308	REF2P	015-000 UNIT	04-152-308	208	
	NC			309					

AP FIG 1 (Y) CAD 009A

PRIMARY T1 TO NETWORK CLOCK-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>
.....JS8,JS10				119-174	JACK/UNIT (ED5D506-30).....				
TO DIGITAL	1PT1R		P000	254	1PT1R	115-000 UNIT	04-174-254		208
SERVICE	1PT1T		P000	255	1PT1T	115-000 UNIT	04-174-255		208
CROSS-CONNECT									
	NC			256					
	NC			354					
	NC			355					
	NC			356					

AP FIG 1 (V) CAD 009B

PRIMARY T1 TO NETWORK CLOCK-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>
.....JS8,JS10				119-152	JACK/UNIT	(ED5D506-30).....			
TO DIGITAL SERVICE CROSS-CONNECT	NC			254					
	NC			255					
	NC			256					
	REF1N	P000		354	REF1N	115-000 UNIT	04-152-354		208
	REF1P	P000		355	REF1P	115-000 UNIT	04-152-355		208
	NC			356					

AP FIG 1 (Y) CAD 010A

SECONDARY T1 TO NETWORK CLOCK-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>
.....JS8,JS10					119-174	JACK/UNIT (ED5D506-30).....			
TO DIGITAL SERVICE	1ST1R		P000	207	1ST1R	115-000 UNIT	04-174-207		208
	1ST1T		P000	208	1ST1T	115-000 UNIT	04-174-208		208
CROSS-CONNECT									
	NC			209					
	NC			307					
	NC			308					
	NC			309					

AP FIG 1 (V) CAD 010B

SECONDARY T1 TO NETWORK CLOCK-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>
.....JS8, JS10.....					119-152	JACK/UNIT	(ED5D506-30).....		
	NC			207					
	NC			208					
	NC			209					
TO DIGITAL	REF2N		P000	307	REF2N	115-000 UNIT	04-152-307		208
SERVICE	REF2P		P000	308	REF2P	115-000 UNIT	04-152-308		208
CROSS-CONNECT									
	NC			309					

COPYRIGHT (C) 1987 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH CABINET

MSG SIZE
12ISSUE
6MAT&T
BELL LABORATORIES

SD-50146-01

GB3

NCT LINK 0 TRANSMIT

TO TIME OXMITOP
MULTIPLEXED
SWITCH CABINET
BAY 0

NCT LINK 0 TRANSMIT

TO TIME OXMITOR
MULTIPLEXED
SWITCH CABINET
BAY 0

NCT LINK 0 RECEIVE

TO TIME
MULTIPLEXED
SWITCH CABINET
BAY 0

NCT LINK 0 RECEIVE

TO TIME ORECVO
MULTIPLYED
SWITCH CABINET
BAY 0

NET LINK 1 TRANSMIT

TO TIME 1XMITT
MULTIPLEXED
SWITCH CABINET
BAY 1

NCT LINK 1 TRANSMIT

TO TIME 1XMITO
MULTIPLEXED
SWITCH CABINET
BAY 1

NCT LINK 1 RECEIVE

TO TIME 1RECVO
MULTIPLEXED
SWITCH CABINET
BAY 1

NCT LINK 1 RECEIVE

TO TIME 1REC'D
MULTIPLEXED
SWITCH CABINET
BAY 1

LINK INTERFACE CROSS-COUPLE

119-106-056	4MHZCL
119-106-055	6MSINR
119-106-054	8MHINR
119-106-053	MATEEN

119-106-053	MATEENR	G1	P003	052	MATEENR	015-000	UNIT	04-106-052
119-106-052	PUSVR	G1	P004	053	PUSVR	015-000	UNIT	04-106-053
119-106-051	8MHZR	G1	P005	054	8MHZR	015-000	UNIT	04-106-054
119-106-050	05YN6MSR	G1	P006	055	05YN6MSR	015-000	UNIT	04-106-055
119-136-049	CLK4MHZR	G1	P007	056	CLK4MHZR	015-000	UNIT	04-106-056
119-165-156	4MHZCLK	G1	P000	149	4MHZCLK	015-000	UNIT	04-106-149
119-106-153	6MSIN	G1	P001	150	6MSIN	015-000	UNIT	04-106-150
119-106-154	8MHIN	G1	P002	151	8MHIN	015-000	UNIT	04-106-151
119-106-153	MATEEN	G1	P003	152	MATEEN	015-000	UNIT	04-106-152
119-105-152	PUSV	G1	P004	153	PUSV	015-000	UNIT	04-106-153
119-106-151	8MHZ	G1	P005	154	8MHZ	015-000	UNIT	04-106-154
119-106-150	05YN6MS	G1	P006	155	05YN6MS	015-000	UNIT	04-106-155
119-106-149	CLK4MHZ	G1	P007	156	CLK4MHZ	015-000	UNIT	04-106-156

.....J		119-106		JACK/UNIT		(ED50506-24).....	
019-106-056	CLK4MHZR	G1	P008 049	CLK4MHZR	115-000	UNIT	04-106-049
019-106-055	05YN6MSR	G1	P009 050	05YN6MSR	115-000	UNIT	04-106-050
019-106-054	8MHZR	G1	P010 051	8MHZR	115-000	UNIT	04-106-051
019-106-053	PUSVR	G1	P011 052	PUSVR	115-000	UNIT	04-106-052
019-106-052	MATEENR	G1	P012 053	MATEENR	115-000	UNIT	04-106-053
019-106-051	8MHINR	G1	P013 054	8MHINR	115-000	UNIT	04-106-054
019-106-050	6MSINR	G1	P014 055	6MSINR	115-000	UNIT	04-106-055
019-106-049	4MHZCLKR	G1	P015 056	4MHZCLKR	115-000	UNIT	04-106-056
019-106-156	CLK4MHZ	G1	P008 149	CLK4MHZ	115-000	UNIT	04-106-149
019-106-155	05YN6MS	G1	P009 150	05YN6MS	115-000	UNIT	04-106-150
019-106-154	8MHZ	G1	P010 151	8MHZ	115-000	UNIT	04-106-151
019-106-153	PUSV	G1	P011 152	PUSV	115-000	UNIT	04-106-152
019-106-152	MATEEN	G1	P012 153	MATEEN	115-000	UNIT	04-106-153
019-106-151	8MHIN	G1	P013 154	8MHIN	115-000	UNIT	04-106-154
019-106-150	6MSIN	G1	P014 155	6MSIN	115-000	UNIT	04-106-155
019-106-149	4MHZCLK	G1	P015 156	4MHZCLK	115-000	UNIT	04-106-156

LINK INTERFACE CROSS-COUPLE

119-100-056	4PHZC
119-100-055	6MSIN
119-100-054	8PHIN
119-100-053	MATEE

119-100-053	MATEENR	G1	P003	052	MATEENR	015-000	UNIT	04-100-052
119-100-052	PUSVR	G1	P004	053	PUSVR	015-000	UNIT	04-100-053
119-100-051	8MHZR	G1	P005	054	8MHZR	015-000	UNIT	04-100-054
119-100-050	05YN6MSR	G1	P006	055	05YN6MSR	015-000	UNIT	04-100-055
119-100-049	CLK4MHZR	G1	P007	056	CLK4MHZR	015-000	UNIT	04-100-056
119-100-156	4MHZCLK	G1	P000	149	4MHZCLK	015-000	UNIT	04-100-149
119-100-155	6MSIN	G1	P001	150	6MSIN	015-000	UNIT	04-100-150
119-100-154	8MHIN	G1	P002	151	8MHIN	015-000	UNIT	04-100-151
119-100-153	MATEEN	G1	P003	152	MATEEN	015-000	UNIT	04-100-152
119-100-152	PUSV	G1	P004	153	PUSV	015-000	UNIT	04-100-153
119-100-151	8MHZ	G1	P005	154	8MHZ	015-000	UNIT	04-100-154
119-100-150	05YN6MS	G1	P006	155	05YN6MS	015-000	UNIT	04-100-155
119-100-149	CLK4MHZ	G1	P007	156	CLK4MHZ	015-000	UNIT	04-100-156

GB4

AP FIG 1 (T) CAD 015B

(CONT'D)

AP FIG 1 (Z) CAD 017A

SYNCHRONOUS DATA LINK 1 SINGLE MODULE OFFICE

AP FIG 1 (Z) CAD 023A

(CONT'D)

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....J					119-100 JACK/UNIT (ED5D506-24).....						
019-100-056	CLK4MHZR	G1	P008	049	CLK4MHZR	115-000 UNIT	04-100-049				
019-100-055	OSYN6MSR	G1	P009	050	OSYN6MSR	115-000 UNIT	04-100-050				
019-100-054	8MHZR	G1	P010	051	8MHZR	115-000 UNIT	04-100-051				
019-100-053	PUSVR	G1	P011	052	PUSVR	115-000 UNIT	04-100-052				
019-100-052	MATEENR	G1	P012	053	MATEENR	115-000 UNIT	04-100-053				
019-100-051	8MHINR	G1	P013	054	8MHINR	115-000 UNIT	04-100-054				
019-100-050	6MSINR	G1	P014	055	6MSINR	115-000 UNIT	04-100-055				
019-100-049	4MHZCLKR	G1	P015	056	4MHZCLKR	115-000 UNIT	04-100-056				
019-100-156	CLK4MHZ	G1	P008	149	CLK4MHZ	115-000 UNIT	04-100-149				
019-100-155	OSYN6MS	G1	P009	150	OSYN6MS	115-000 UNIT	04-100-150				
019-100-154	8MHZ	G1	P010	151	8MHZ	115-000 UNIT	04-100-151				
019-100-153	PUSV	G1	P011	152	PUSV	115-000 UNIT	04-100-152				
019-100-152	MATEEN	G1	P012	153	MATEEN	115-000 UNIT	04-100-153				
019-100-151	8MHIN	G1	P013	154	8MHIN	115-000 UNIT	04-100-154				
019-100-150	6MSIN	G1	P014	155	6MSIN	115-000 UNIT	04-100-155				
019-100-149	4MHZCLK	G1	P015	156	4MHZCLK	115-000 UNIT	04-100-156				

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....JS4					119-106 JACK/UNIT (ED5D506-30).....						
TO 3810P 1	NC			032	1CP1P	115-000 UNIT	04-106-033				
	1CKCCIP	G4	P001	034	1CKCCIP	115-000 UNIT	04-106-034				
	1TRMPARN	G4	P002	035	1TRMPARN	115-000 UNIT	04-106-035				
	1RCVPARN	G4	P003	036	1RCVPARN	115-000 UNIT	04-106-036				
	1X25TDTN	G4	P004	037	1X25TDTN	115-000 UNIT	04-106-037				
	1X25RDTP	G4	P005	038	1X25RDTP	115-000 UNIT	04-106-038				
	1X25CLKP	G4	P006	039	1X25CLKP	115-000 UNIT	04-106-039				
TO 3810P 1	NC			132	1CP1N	115-000 UNIT	04-106-133				
	1CKCCIN	G4	P001	134	1CKCCIN	115-000 UNIT	04-106-134				
	1TRMPARP	G4	P002	135	1TRMPARP	115-000 UNIT	04-106-135				
	1RCVPARP	G4	P003	136	1RCVPARP	115-000 UNIT	04-106-136				
	1X25TDTP	G4	P004	137	1X25TDTP	115-000 UNIT	04-106-137				
	1X25RDTP	G4	P005	138	1X25RDTP	115-000 UNIT	04-106-138				
	1X25CLKN	G4	P006	139	1X25CLKN	115-000 UNIT	04-106-139				

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....JS2					019-098 JACK/UNIT (ED5D506-30).....						
	00TRMDTP	G2	P005	338	00TRMDTP	015-000 UNIT	04-098-338				
	00NCINTP	G2	P006	339	00NCINTP	015-000 UNIT	04-098-339				
	00LIINTP	G2	P007	340	00LIINTP	015-000 UNIT	04-098-340				
	00SCDALP	G2	P008	341	00SCDALP	015-000 UNIT	04-098-341				
	00ACDALP	G2	P009	342	00ACDALP	015-000 UNIT	04-098-342				
	00THSSRN	G2	P010	343	00THSSRN	015-000 UNIT	04-098-343				

AP FIG 2 (J) CAD 023B

00 CONTROL AND DIAGNOSTIC ACCESS LINK A

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....J					019-098 JACK/UNIT (ED5D506-23).....						
053-088-414	NC			232	00NCSELN	015-000 UNIT	04-098-233				
053-088-415	00LISELN	G4	P001	234	00LISELN	015-000 UNIT	04-098-234				
053-088-416	00TRCLKN	G4	P002	235	00TRCLKN	015-000 UNIT	04-098-235				
053-088-417	00DTVALN	G4	P003	236	00DTVALN	015-000 UNIT	04-098-236				
053-088-418	00RCVDTN	G4	P004	237	00RCVDTN	015-000 UNIT	04-098-237				
053-088-419	00TRMDTN	G4	P005	238	00TRMDTN	015-000 UNIT	04-098-238				
053-088-420	00NCINTN	G4	P006	239	00NCINTN	015-000 UNIT	04-098-239				
053-088-421	00LIINTN	G4	P007	240	00LIINTN	015-000 UNIT	04-098-240				
053-088-422	00SCDALN	G4	P008	241	00SCDALN	015-000 UNIT	04-098-241				
053-088-423	00ACDALN	G4	P009	242	00ACDALN	015-000 UNIT	04-098-242				
053-088-424	00THSSRP	G4	P010	243	00THSSRP	15-000 UNIT	04-098-243				
053-088-514	NC			332	00NCSELP	15-000 UNIT	04-098-333				
053-088-515	00LISELP	G4	P001	334	00LISELP	15-000 UNIT	04-098-334				
053-088-516	00TRCLKP	G4	P002	335	00TRCLKP	15-000 UNIT	04-098-335				
053-088-517	00DTVALP	G4	P003	336	00DTVALP	015-000 UNIT	04-098-336				
053-088-518	00RCVDTP	G4	P004	337	00RCVDTP	015-000 UNIT	04-098-337				
053-088-519	00TRMDTP	G4	P005	338	00TRMDTP	015-000 UNIT	04-098-338				
053-088-520	00NCINTP	G4	P006	339	00NCINTP	015-000 UNIT	04-098-339				
053-088-521	00LIINTP	G4	P007	340	00LIINTP	015-000 UNIT	04-098-340				
053-088-522	00SCDALP	G4	P008	341	00SCDALP	015-000 UNIT	04-098-341				
053-088-523	00ACDALP	G4	P009	342	00ACDALP	015-000 UNIT	04-098-342				
053-088-524	00THSSRN	G4	P010	343	00THSSRN	015-000 UNIT	04-098-343				

AP FIG 1 (Z) CAD 016A

SYNCHRONOUS DATA LINK 0 SINGLE MODULE OFFICE

AP FIG 1 (W) CAD 017B

SYNCHRONOUS DATA LINK 1 SINGLE MODULE OFFICE

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....JS3					019-106 JACK/UNIT (ED5D506-30).....						
TO 3810P 0	NC			032	0CP1P	015-000 UNIT	04-106-033				
	0CKCCIP	G3	P001	034	0CKCCIP	015-000 UNIT	04-106-034				
	0TRMPARN	G3	P002	035	0TRMPARN	015-000 UNIT	04-106-035				
	0RCVPARN	G3	P003	036	0RCVPARN	015-000 UNIT	04-106-036				
	0X25TDIN	G3	P004	037	0X25TDIN	015-000 UNIT	04-106-037				
	0X25RDTP	G3	P005	038	0X25RDTP	015-000 UNIT	04-106-038				
	0X25CLKP	G3	P006	039	0X25CLKP	015-000 UNIT	04-106-039				
TO 3810P 0	NC			132	0CP1N	015-000 UNIT	04-106-133				
	0CKCCIN	G3	P001	134	0CKCCIN	015-000 UNIT	04-106-134				
	0TRMPARP	G3	P002	135	0TRMPARP	015-000 UNIT	04-106-135				
	0RCVPARP	G3	P003	136	0RCVPARP	015-000 UNIT	04-106-136				
	0X25TDTP	G3	P004	137	0X25TDTP	015-000 UNIT	04-106-137				
	0X25RDTP	G3	P005	138	0X25RDTP	015-000 UNIT	04-106-138				
	0X25CLKN	G3	P006	139	0X25CLKN	015-000 UNIT	04-106-139				

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....JS4					119-100	JACK/UNIT	(ED5D506-30).....				
NC					032						
TO 3810P 1	1CP1P	G4	P000	033	1CP1P	115-000 UNIT	04-100-033				
|	1CKCCIP	G4	P001	034	1CKCCIP	115-000 UNIT	04-100-034				
|	1TRMPARN	G4	P002	035	1TRMPARN	115-000 UNIT	04-100-035				
|	1RCVPARN	G4	P003	036	1RCVPARN	115-000 UNIT	04-100-036				
|	1X25TDTN	G4	P004	037	1X25TDTN	115-000 UNIT	04-100-037				
|	1X25RDTP	G4	P005	038	1X25RDTP	115-000 UNIT	04-100-038				
|	1X25CLKP	G4	P006	039	1X25CLKP	115-000 UNIT	04-100-039				
NC					132						
TO 3810P 1	1CP1N	G4	P000	133	1CP1N	115-000 UNIT	04-100-133				
|	1CKCCIN	G4	P001	134	1CKCCIN	115-000 UNIT	04-100-134				
|	1TRMPARP	G4	P002	135	1TRMPARP	115-000 UNIT	04-100-135				
|	1RCVPARP	G4	P003	136	1RCVPARP	115-000 UNIT	04-100-136				
|	1X25TDTP	G4	P004	137	1X25TDTP	115-000 UNIT	04-100-137				
|	1X25RDTP	G4	P005	138	1X25RDTP	115-000 UNIT	04-100-138				
|	1X25CLKN	G4	P006	139	1X25CLKN	115-000 UNIT	04-100-139				

AP FIG 2 (J) CAD 023B

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 053-088 JACK/UNIT (ED50506-23).....									
019-098-233	NC			413	00NCSELN 049-000	UNIT	04-088-414		
019-098-234	00LISELN	G4	P011	414	00LISELN 049-000	UNIT	04-088-415		
019-098-235	00TRCLKN	G4	P012	415	00TRCLKN 049-000	UNIT	04-088-416		
019-098-236	00DTVALN	G4	P013	416	00DTVALN 049-000	UNIT	04-088-417		
019-098-237	00RCVDTN	G4	P014	417	00RCVDTN 049-000	UNIT	04-088-418		
019-098-238	00TRMDTN	G4	P015	418	00TRMDTN 049-000	UNIT	04-088-419		
019-098-239	00NCINTN	G4	P016	419	00NCINTN 049-000	UNIT	04-088-420		
019-098-240	00LIINTN	G4	P017	420	00LIINTN 049-000	UNIT	04-088-421		
019-098-241	00SCDALN	G4	P018	421	00SCDALN 049-000	UNIT	04-088-422		
019-098-242	00ACDALN	G4	P019	422	00ACDALN 049-000	UNIT	04-088-423		
019-098-243	00THSSRP	G4	P020	423	00THSSRP 049-000	UNIT	04-088-424		
019-098-333	NC			513	00NCSELP 049-000	UNIT	04-088-514		
019-098-334	00LISELP	G4	P011	514	00LISELP 049-000	UNIT	04-088-515		
019-098-335	00TRCLKP	G4	P012	515	00TRCLKP 049-000	UNIT	04-088-516		
019-098-336	00DTVALP	G4	P013	516	00DTVALP 049-000	UNIT	04-088-517		
019-098-337	00RCVDTP	G4	P014	517	00RCVDTP 049-000	UNIT	04-088-518		
019-098-338	00TRMDTP	G4	P015	518	00TRMDTP 049-000	UNIT	04-088-519		
019-098-339	00NCINTP	G4	P016	519	00NCINTP 049-000	UNIT	04-088-520		
019-098-340	00LIINTP	G4	P017	520	00LIINTP 049-000	UNIT	04-088-521		
019-098-341	00SCDALP	G4	P018	521	00SCDALP 049-000	UNIT	04-088-522		
019-098-342	00ACDALP	G4	P019	522	00ACDALP 049-000	UNIT	04-088-523		
019-098-343	00THSSRN	G4	P020	523	00THSSRN 049-000	UNIT	04-088-524		

AP FIG 1 (W) CAD 023C

00 CONTROL AND DIAGNOSTIC ACCESS LINK A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JSZ..... 019-092 JACK/UNIT (ED50506-30).....									
TO 3810P 0	NC			232	00NCSELN 015-000	UNIT	04-092-233		
	00LISELN	G2	P000	233	00LISELN 015-000	UNIT	04-092-234		
	00TRCLKN	G2	P001	234	00TRCLKN 015-000	UNIT	04-092-235		
	00DTVALN	G2	P002	235	00DTVALN 015-000	UNIT	04-092-236		
	00RCVDTN	G2	P003	236	00RCVDTN 015-000	UNIT	04-092-237		
	00TRMDTN	G2	P004	237	00TRMDTN 015-000	UNIT	04-092-238		
	00NCINTN	G2	P005	238	00NCINTN 015-000	UNIT	04-092-239		
	00LIINTN	G2	P006	239	00LIINTN 015-000	UNIT	04-092-240		
	00SCDALN	G2	P007	240	00SCDALN 015-000	UNIT	04-092-241		
	00ACDALN	G2	P008	241	00ACDALN 015-000	UNIT	04-092-242		
	00THSSRP	G2	P009	242	00THSSRP 015-000	UNIT	04-092-243		
	NC			332	00NCSELP 015-000	UNIT	04-092-333		
	00LISELP	G2	P000	333	00LISELP 015-000	UNIT	04-092-334		
	00TRCLKP	G2	P001	334	00TRCLKP 015-000	UNIT	04-092-335		
	00DTVALP	G2	P002	335	00DTVALP 015-000	UNIT	04-092-336		
	00RCVDTP	G2	P003	336	00RCVDTP 015-000	UNIT	04-092-337		
	00TRMDTP	G2	P004	337	00TRMDTP 015-000	UNIT	04-092-338		
	00NCINTP	G2	P005	338	00NCINTP 015-000	UNIT	04-092-339		
	00LIINTP	G2	P006	339	00LIINTP 015-000	UNIT	04-092-340		
	00SCDALP	G2	P007	340	00SCDALP 015-000	UNIT	04-092-341		
	00ACDALP	G2	P008	341	00ACDALP 015-000	UNIT	04-092-342		
	00THSSRN	G2	P009	342	00THSSRN 015-000	UNIT	04-092-343		

AP FIG 2 (G) CAD 023D

00 CONTROL AND DIAGNOSTIC ACCESS LINK A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 019-092 JACK/UNIT (ED50506-23).....									
053-088-414	NC			232	00NCSELN 015-000	UNIT	04-092-233		
053-088-415	00LISELN	G4	P000	233	00LISELN 015-000	UNIT	04-092-234		
053-088-416	00TRCLKN	G4	P001	234	00TRCLKN 015-000	UNIT	04-092-235		
053-088-417	00DTVALN	G4	P002	235	00DTVALN 015-000	UNIT	04-092-236		
053-088-418	00RCVDTN	G4	P003	236	00RCVDTN 015-000	UNIT	04-092-237		
053-088-419	00TRMDTN	G4	P004	237	00TRMDTN 015-000	UNIT	04-092-238		
053-088-420	00NCINTN	G4	P005	238	00NCINTN 015-000	UNIT	04-092-239		
053-088-421	00LIINTN	G4	P006	239	00LIINTN 015-000	UNIT	04-092-240		
053-088-422	00SCDALN	G4	P007	240	00SCDALN 015-000	UNIT	04-092-241		
053-088-423	00ACDALN	G4	P008	241	00ACDALN 015-000	UNIT	04-092-242		
053-088-424	00THSSRP	G4	P009	242	00THSSRP 015-000	UNIT	04-092-243		
053-088-514	NC			332	00NCSELP 015-000	UNIT	04-092-333		
053-088-515	00LISELP	G4	P000	333	00LISELP 015-000	UNIT	04-092-334		
053-088-516	00TRCLKP	G4	P001	334	00TRCLKP 015-000	UNIT	04-092-335		
053-088-517	00DTVALP	G4	P002	335	00DTVALP 015-000	UNIT	04-092-336		
053-088-518	00RCVDTP	G4	P003	336	00RCVDTP 015-000	UNIT	04-092-337		
053-088-519	00TRMDTP	G4	P004	337	00TRMDTP 015-000	UNIT	04-092-338		
053-088-520	00NCINTP	G4	P005	338	00NCINTP 015-000	UNIT	04-092-339		
053-088-521	00LIINTP	G4	P006	339	00LIINTP 015-000	UNIT	04-092-340		
053-088-522	00SCDALP	G4	P007	340	00SCDALP 015-000	UNIT	04-092-341		
053-088-523	00ACDALP	G4	P008	341	00ACDALP 015-000	UNIT	04-092-342		
053-088-524	00THSSRN	G4	P009	342	00THSSRN 015-000	UNIT	04-092-343		
.....J..... 053-088 JACK/UNIT (ED50506-23).....									
019-092-233	NC			413	00NCSELN 049-000	UNIT	04-088-414		
019-092-234	00LISELN	G4	P011	414	00LISELN 049-000	UNIT	04-088-415		
019-092-235	00TRCLKN	G4	P012	415	00TRCLKN 049-000	UNIT	04-088-416		
019-092-236	00DTVALN	G4	P013	416	00DTVALN 049-000	UNIT	04-088-417		
019-092-237	00RCVDTN	G4	P014	417	00RCVDTN 049-000	UNIT	04-088-418		
019-092-238	00TRMDTN	G4	P015	418	00TRMDTN 049-000	UNIT	04-088-419		
019-092-239	00NCINTN	G4	P016	419	00NCINTN 049-000	UNIT	04-088-420		
019-092-240	00LIINTN	G4	P017	420	00LIINTN 049-000	UNIT	04-088-421		
019-092-241	00SCDALN	G4	P018	421	00SCDALN 049-000	UNIT	04-088-422		
019-092-242	00ACDALN	G4	P019	422	00ACDALN 049-000	UNIT	04-088-423		
019-092-243	00THSSRP	G4	P020	423	00THSSRP 049-000	UNIT	04-088-424		
019-092-333	NC			513	00NCSELP 049-000	UNIT	04-088-514		
019-092-334	00LISELP	G4	P011	514	00LISELP 049-000	UNIT	04-088-515		
019-092-335	00TRCLKP	G4	P012	515	00TRCLKP 049-000	UNIT	04-088-516		
019-092-336	00DTVALP	G4	P013	516	00DTVALP 049-000	UNIT	04-088-517		
019-092-337	00RCVDTP	G4	P014	517	00RCVDTP 049-000	UNIT	04-088-518		
019-092-338	00TRMDTP	G4	P015	518	00TRMDTP 049-000	UNIT	04-088-519		
019-092-339	00NCINTP	G4	P016	519	00NCINTP 049-000	UNIT	04-088-520		
019-092-340	00LIINTP	G4	P017	520	00LIINTP 049-000	UNIT	04-088-521		
019-092-341	00SCDALP	G4	P018	521	00SCDALP 049-000	UNIT	04-088-522		
019-092-342	00ACDALP	G4	P019	522	00ACDALP 049-000	UNIT	04-088-523		
019-092-343	00THSSRN	G4	P020	523	00THSSRN 049-000	UNIT	04-088-524		

AP FIG 2 (J) CAD 024A

00 CONTROL AND DIAGNOSTIC ACCESS LINK B

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 019-098 JACK/UNIT (ED50506-23).....									
053-088-432	00THSRTP	G2	P000	219	00THSRTP 015-000	UNIT	04-098-219		
053-088-433	00MIINTP	G2	P001	220	00MIINTP 015-000	UNIT	04-098-220		
053-088-434	00THSITP	G2	P002	221	00THSITP 015-000	UNIT	04-098-221		
053-088-435	00MISELP	G2	P003	222	00MISELP 015-000	UNIT	04-098-222		
053-088-436	00THSSLP	G2	P004	223	00THSSLP 015-000	UNIT	04-098-223		
053-088-437	00THSRDP	G2	P005	224	00THSRDP 015-000	UNIT	04-098-224		
053-088-532	00THSRTP	G2	P000	319	00THSRTP 015-000	UNIT	04-098-319		
053-088-533	00MIINTN	G2	P001	320	00MIINTN 015-000	UNIT	04-098-320		
053-088-534	00THSITN	G2	P002	321	00THSITN 015-000	UNIT	04-098-321		
053-088-535	00MISELN	G2	P003	322	00MISELN 015-000	UNIT	04-098-322		
053-088-536	00THSSLN	G2	P004	323	00THSSLN 015-000	UNIT	04-098-323		
053-088-537	00THSRDN	G2	P005	324	00THSRDN 015-000	UNIT	04-098-324		

AP FIG 2 (J) CAD 024A

(CONT'D)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J.....					053-088 JACK/UNIT (ED50506-23).....				
019-098-219	00THSRTP	G2	P006	432	00THSRTP 049-000	UNIT	04-088-432		
019-098-220	00MIINTP	G2	P007	433	00MIINTP 049-000	UNIT	04-088-433		
019-098-221	00THSITP	G2	P008	434	00THSITP 049-000	UNIT	04-088-434		
019-098-222	00MISELP	G2	P009	435	00MISELP 049-000	UNIT	04-088-435		
019-098-223	00THSSLP	G2	P010	436	00THSSLP 049-000	UNIT	04-088-436		
019-098-224	00THSRDP	G2	P011	437	00THSRDP 049-000	UNIT	04-088-437		
019-098-319	00THSRTN	G2	P006	532	00THSRTN 049-000	UNIT	04-088-532		
019-098-320	00MIINTN	G2	P007	533	00MIINTN 049-000	UNIT	04-088-533		
019-098-321	00THSITN	G2	P008	534	00THSITN 049-000	UNIT	04-088-534		
019-098-322	00MISELN	G2	P009	535	00MISELN 049-000	UNIT	04-088-535		
019-098-323	00THSSLN	G2	P010	536	00THSSLN 049-000	UNIT	04-088-536		
019-098-324	00THSRDN	G2	P011	537	00THSRDN 049-000	UNIT	04-088-537		

AP FIG 2 (G) CAD 024B

00 CONTROL AND DIAGNOSTIC ACCESS LINK B

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J.....					019-092 JACK/UNIT (ED50506-23).....				
053-088-432	00THSRTP	G2	P000	219	00THSRTP 015-000	UNIT	04-092-219		
053-088-433	00MIINTP	G2	P001	220	00MIINTP 015-000	UNIT	04-092-220		
053-088-434	00THSITP	G2	P002	221	00THSITP 015-000	UNIT	04-092-221		
053-088-435	00MISELP	G2	P003	222	00MISELP 015-000	UNIT	04-092-222		
053-088-436	00THSSLP	G2	P004	223	00THSSLP 015-000	UNIT	04-092-223		
053-088-437	00THSRDP	G2	P005	224	00THSRDP 015-000	UNIT	04-092-224		
053-088-532	00THSRTN	G2	P000	319	00THSRTN 015-000	UNIT	04-092-319		
053-088-533	00MIINTN	G2	P001	320	00MIINTN 015-000	UNIT	04-092-320		
053-088-534	00THSITN	G2	P002	321	00THSITN 015-000	UNIT	04-092-321		
053-088-535	00MISELN	G2	P003	322	00MISELN 015-000	UNIT	04-092-322		
053-088-536	00THSSLN	G2	P004	323	00THSSLN 015-000	UNIT	04-092-323		
053-088-537	00THSRDN	G2	P005	324	00THSRDN 015-000	UNIT	04-092-324		
.....J.....					053-088 JACK/UNIT (ED50506-23).....				
019-092-219	00THSRTP	G2	P006	432	00THSRTP 049-000	UNIT	04-088-432		
019-092-220	00MIINTP	G2	P007	433	00MIINTP 049-000	UNIT	04-088-433		
019-092-221	00THSITP	G2	P008	434	00THSITP 049-000	UNIT	04-088-434		
019-092-222	00MISELP	G2	P009	435	00MISELP 049-000	UNIT	04-088-435		
019-092-223	00THSSLP	G2	P010	436	00THSSLP 049-000	UNIT	04-088-436		
019-092-224	00THSRDP	G2	P011	437	00THSRDP 049-000	UNIT	04-088-437		
019-092-319	00THSRTN	G2	P006	532	00THSRTN 049-000	UNIT	04-088-532		
019-092-320	00MIINTN	G2	P007	533	00MIINTN 049-000	UNIT	04-088-533		
019-092-321	00THSITN	G2	P008	534	00THSITN 049-000	UNIT	04-088-534		
019-092-322	00MISELN	G2	P009	535	00MISELN 049-000	UNIT	04-088-535		
019-092-323	00THSSLN	G2	P010	536	00THSSLN 049-000	UNIT	04-088-536		
019-092-324	00THSRDN	G2	P011	537	00THSRDN 049-000	UNIT	04-088-537		

AP FIG 1 (Z) CAD 025A

01 CONTROL AND DIAGNOSTIC ACCESS LINK A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS1				119-098	JACK/UNIT	(ED50506-30).....			
TO 3810P 1	NC			232					
	01NCSELN	G1	P000	233	01NCSELN	115-000	UNIT	04-098-233	
	01LISELN	G1	P001	234	01LISELN	115-000	UNIT	04-098-234	
	01TRCLKN	G1	P002	235	01TRCLKN	115-000	UNIT	04-098-235	
	01DTVALN	G1	P003	236	01DTVALN	115-000	UNIT	04-098-236	
	01RCVDTN	G1	P004	237	01RCVDTN	115-000	UNIT	04-098-237	
	01TRMDTN	G1	P005	238	01TRMDTN	115-000	UNIT	04-098-238	
	01NCINTN	G1	P006	239	01NCINTN	115-000	UNIT	04-098-239	
	01LINTN	G1	P007	240	01LINTN	115-000	UNIT	04-098-240	
	01SCDALN	G1	P008	241	01SCDALN	115-000	UNIT	04-098-241	
TO 3810P 1	01ACDALN	G1	P009	242	01ACDALN	115-000	UNIT	04-098-242	
	01THSSRP	G1	P010	243	01THSSRP	115-000	UNIT	04-098-243	
	NC			332					
	01NCSELP	G1	P000	333	01NCSELP	115-000	UNIT	04-098-333	
	01LISELP	G1	P001	334	01LISELP	115-000	UNIT	04-098-334	
	01TRCLKP	G1	P002	335	01TRCLKP	115-000	UNIT	04-098-335	
	01DTVALP	G1	P003	336	01DTVALP	115-000	UNIT	04-098-336	
	01RCVDTP	G1	P004	337	01RCVDTP	115-000	UNIT	04-098-337	
	01TRMDTP	G1	P005	338	01TRMDTP	115-000	UNIT	04-098-338	
	01NCINTP	G1	P006	339	01NCINTP	115-000	UNIT	04-098-339	
TO 3810P 1	01LINTP	G1	P007	340	01LINTP	115-000	UNIT	04-098-340	
	01SCDALP	G1	P008	341	01SCDALP	115-000	UNIT	04-098-341	
	01ACDALP	G1	P009	342	01ACDALP	115-000	UNIT	04-098-342	
	01THSSRN	G1	P010	343	01THSSRN	115-000	UNIT	04-098-343	

AP FIG 2 (J) CAD 025B

01 CONTROL AND DIAGNOSTIC ACCESS LINK A

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				119-098	JACK/UNIT	(ED50506-23)	.....		
E		NC		232					
	053-088-446	01NCSELN	G5	P000	233	01NCSELN	115-000	UNIT	04-098-233
	053-088-447	01LISELN	G5	P001	234	01LISELN	115-000	UNIT	04-098-234
	053-088-448	01TRCLKN	G5	P002	235	01TRCLKN	115-000	UNIT	04-098-235
	053-088-449	01DTVALN	G5	P003	236	01DTVALN	115-000	UNIT	04-098-236
	053-088-450	01RCVDTN	G5	P004	237	01RCVDTN	115-000	UNIT	04-098-237
	053-088-451	01TRMDTN	G5	P005	238	01TRMDTN	115-000	UNIT	04-098-238
	053-088-452	01NCINTN	G5	P006	239	01NCINTN	115-000	UNIT	04-098-239
	053-088-453	01LINTN	G5	P007	240	01LINTN	115-000	UNIT	04-098-240
	053-088-454	01SCDALN	G5	P008	241	01SCDALN	115-000	UNIT	04-098-241
F	053-088-455	01ACDALN	G5	P009	242	01ACDALN	115-000	UNIT	04-098-242
	053-088-456	01THSSRP	G5	P010	243	01THSSRP	115-000	UNIT	04-098-243
		NC		332					
	053-088-546	01NCSELP	G5	P000	333	01NCSELP	115-000	UNIT	04-098-333
	053-088-547	01LISELP	G5	P001	334	01LISELP	115-000	UNIT	04-098-334
	053-088-548	01TRCLKP	G5	P002	335	01TRCLKP	115-000	UNIT	04-098-335
	053-088-549	01DTVALP	G5	P003	336	01DTVALP	115-000	UNIT	04-098-336
	053-088-550	01RCVDTN	G5	P004	337	01RCVDTN	115-000	UNIT	04-098-337
	053-088-551	01TRMDTP	G5	P005	338	01TRMDTP	115-000	UNIT	04-098-338
	053-088-552	01NCINTP	G5	P006	339	01NCINTP	115-000	UNIT	04-098-339
	053-088-553	01LINTP	G5	P007	340	01LINTP	115-000	UNIT	04-098-340
	053-088-554	01SCDALP	G5	P008	341	01SCDALP	115-000	UNIT	04-098-341
053-088-555	01ACDALP	G5	P009	342	01ACDALP	115-000	UNIT	04-098-342	
053-088-556	01THSSRN	G5	P010	343	01THSSRN	115-000	UNIT	04-098-343	

AP FIG 2 (J) CAD 025B

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J 053-088 JACK/UNIT (ED50506-23) (CONT'D).....									
119-098-336	01DTVALP	G5	P014	549	01DTVALP	049-000 UNIT	04-088-549		
119-098-337	01RCVDTN	G5	P015	550	01RCVDTN	049-000 UNIT	04-088-550		
119-098-338	01TRMDTP	G5	P016	551	01TRMDTP	049-000 UNIT	04-088-551		
119-098-339	01NCINTP	G5	P017	552	01NCINTP	049-000 UNIT	04-088-552		
119-098-340	01LIINTP	G5	P018	553	01LIINTP	049-000 UNIT	04-088-553		
119-098-341	01SCDALP	G5	P019	554	01SCDALP	049-000 UNIT	04-088-554		
119-098-342	01ACDALP	G5	P020	555	01ACDALP	049-000 UNIT	04-088-555		
119-098-343	01TMSSRN	G5	P021	556	01TMSSRN	049-000 UNIT	04-088-556		

AP FIG 1 (W) CAD 025C

01 CONTROL AND DIAGNOSTIC ACCESS LINK A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS1				119-092	JACK/UNIT	(E050506-30)	.....		
TO 3810P 1	NC			232					
	01NCSELN	G1	P000	233	01NCSELN	115-000	UNIT	04-092-233	
	01LISELN	G1	P001	234	01LISELN	115-000	UNIT	04-092-234	
	01TRCLKN	G1	P002	235	01TRCLKN	115-000	UNIT	04-092-235	
	01DTVALN	G1	P003	236	01DTVALN	115-000	UNIT	04-092-236	
	01RCVDTN	G1	P004	237	01RCVDTN	115-000	UNIT	04-092-237	
	01TRMDTN	G1	P005	238	01TRMDTN	115-000	UNIT	04-092-238	
	01NCINTN	G1	P006	239	01NCINTN	115-000	UNIT	04-092-239	
	01LINTNT	G1	P007	240	01LINTNT	115-000	UNIT	04-092-240	
	01SCDALN	G1	P008	241	01SCDALN	115-000	UNIT	04-092-241	
TO 3810P 1	01ACDALN	G1	P009	242	01ACDALN	115-000	UNIT	04-092-242	
	01THSSRP	G1	P010	243	01THSSRP	115-000	UNIT	04-092-243	
	NC			332					
	01NCSELP	G1	P000	333	01NCSELP	115-000	UNIT	04-092-333	
	01LISELP	G1	P001	334	01LISELP	115-000	UNIT	04-092-334	
	01TRCLKP	G1	P002	335	01TRCLKP	115-000	UNIT	04-092-335	
	01DTVALP	G1	P003	336	01DTVALP	115-000	UNIT	04-092-336	
	01RCVDTN	G1	P004	337	01RCVDTN	115-000	UNIT	04-092-337	
	01TRMDTP	G1	P005	338	01TRMDTP	115-000	UNIT	04-092-338	
	01NCINTP	G1	P006	339	01NCINTP	115-000	UNIT	04-092-339	
	01LINTNP	G1	P007	340	01LINTNP	115-000	UNIT	04-092-340	
	01SCDALP	G1	P008	341	01SCDALP	115-000	UNIT	04-092-341	
	01ACDALP	G1	P009	342	01ACDALP	115-000	UNIT	04-092-342	
	01THSSRN	G1	P010	343	01THSSRN	115-000	UNIT	04-092-343	

AP FIG 2 (G) CAD 025D

01 CONTROL AND DIAGNOSTIC ACCESS LINK A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				119-092	JACK/UNIT	(ED50506-23).....			
	NC			232					
053-088-446	01NCSELN	G5	P000	233	01NCSELN	115-000	UNIT		04-092-233
053-088-447	01LISELN	G5	P001	234	01LISELN	115-000	UNIT		04-092-234
053-088-448	01TRCLKN	G5	P002	235	01TRCLKN	115-000	UNIT		04-092-235
053-088-449	01DTVALN	G5	P003	236	01DTVALN	115-000	UNIT		04-092-236
053-088-450	01RCVDTN	G5	P004	237	01RCVDTN	115-000	UNIT		04-092-237
053-088-451	01TRMDTN	G5	P005	238	01TRMDTN	115-000	UNIT		04-092-238
053-088-452	01NCINTN	G5	P006	239	01NCINTN	115-000	UNIT		04-092-239
053-088-453	01LINTN	G5	P007	240	01LINTN	115-000	UNIT		04-092-240
053-088-454	01SCDALN	G5	P008	241	01SCDALN	115-000	UNIT		04-092-241
053-088-455	01ACDALN	G5	P009	242	01ACDALN	115-000	UNIT		04-092-242
053-088-456	01THSSRP	G5	P010	243	01THSSRP	115-000	UNIT		04-092-243
	NC			332					
053-088-546	01NCSELP	G5	P000	333	01NCSELP	115-000	UNIT		04-092-333
053-088-547	01LISELP	G5	P001	334	01LISELP	115-000	UNIT		04-092-334
053-088-548	01TRCLKP	G5	P002	335	01TRCLKP	115-000	UNIT		04-092-335
053-088-549	01DTVALP	G5	P003	336	01DTVALP	115-000	UNIT		04-092-336

AP FIG 2 (G) CAD 028B

10 CONTROL AND DIAGNOSTIC ACCESS LINK B

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J 019-092 JACK/UNIT (ED50506-23)									
153-088-432	10TMSRTP	G8	P000	251	10TMSRTP	015-000	UNIT	04-092-251	
153-088-433	10MIINTP	G8	P001	252	10MIINTP	015-000	UNIT	04-092-252	
153-088-434	10TMSITP	G8	P002	253	10TMSITP	015-000	UNIT	04-092-253	
153-088-435	10MISELP	G8	P003	254	10MISELP	015-000	UNIT	04-092-254	
153-088-436	10TMSRDP	G8	P004	255	10TMSRDP	015-000	UNIT	04-092-255	
153-088-437	10TMSRTP	G8	P005	256	10TMSRTP	015-000	UNIT	04-092-256	
153-088-532	10TMSRTP	G8	P000	351	10TMSRTP	015-000	UNIT	04-092-351	
153-088-533	10MIINTP	G8	P001	352	10MIINTP	015-000	UNIT	04-092-352	
153-088-534	10TMSITP	G8	P002	353	10TMSITP	015-000	UNIT	04-092-353	
153-088-535	10MISELP	G8	P003	354	10MISELP	015-000	UNIT	04-092-354	
153-088-536	10TMSRDP	G8	P004	355	10TMSRDP	015-000	UNIT	04-092-355	
153-088-537	10TMSRTP	G8	P005	356	10TMSRTP	015-000	UNIT	04-092-356	
J 153-088 JACK/UNIT (ED50506-23)									
019-092-251	10TMSRTP	G8	P006	432	10TMSRTP	149-000	UNIT	04-088-432	
019-092-252	10MIINTP	G8	P007	433	10MIINTP	149-000	UNIT	04-088-433	
019-092-253	10TMSITP	G8	P008	434	10TMSITP	149-000	UNIT	04-088-434	
019-092-254	10MISELP	G8	P009	435	10MISELP	149-000	UNIT	04-088-435	
019-092-255	10TMSRDP	G8	P010	436	10TMSRDP	149-000	UNIT	04-088-436	
019-092-256	10TMSRTP	G8	P011	437	10TMSRTP	149-000	UNIT	04-088-437	
019-092-351	10TMSRTP	G8	P006	532	10TMSRTP	149-000	UNIT	04-088-532	
019-092-352	10MIINTP	G8	P007	533	10MIINTP	149-000	UNIT	04-088-533	
019-092-353	10TMSITP	G8	P008	534	10TMSITP	149-000	UNIT	04-088-534	
019-092-354	10MISELP	G8	P009	535	10MISELP	149-000	UNIT	04-088-535	
019-092-355	10TMSRDP	G8	P010	536	10TMSRDP	149-000	UNIT	04-088-536	
019-092-356	10TMSRTP	G8	P011	537	10TMSRTP	149-000	UNIT	04-088-537	

AP FIG 2 (J) CAD 029A

11 CONTROL AND DIAGNOSTIC ACCESS LINK A

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J 119-098 JACK/UNIT (ED50506-23)									
153-088-446	11NCSELP	G1	P000	045	11NCSELP	115-000	UNIT	04-098-046	
153-088-447	11LISELP	G1	P001	046	11LISELP	115-000	UNIT	04-098-047	
153-088-448	11TRCLKP	G1	P002	048	11TRCLKP	115-000	UNIT	04-098-048	
153-088-449	11DTVALP	G1	P003	049	11DTVALP	115-000	UNIT	04-098-049	
153-088-450	11RCVOTP	G1	P004	050	11RCVOTP	115-000	UNIT	04-098-050	
153-088-451	11TRMDTP	G1	P005	051	11TRMDTP	115-000	UNIT	04-098-051	
153-088-452	11NCINTP	G1	P006	052	11NCINTP	115-000	UNIT	04-098-052	
153-088-453	11LIINTP	G1	P007	053	11LIINTP	115-000	UNIT	04-098-053	
153-088-454	11SCDALP	G1	P008	054	11SCDALP	115-000	UNIT	04-098-054	
153-088-455	11ACDALP	G1	P009	055	11ACDALP	115-000	UNIT	04-098-055	
153-088-456	11TMSRTP	G1	P010	056	11TMSRTP	115-000	UNIT	04-098-056	
J 153-088 JACK/UNIT (ED50506-23)									
119-098-046	11NCSELP	G1	P011	446	11NCSELP	149-000	UNIT	04-088-446	
119-098-047	11LISELP	G1	P012	447	11LISELP	149-000	UNIT	04-088-447	
119-098-048	11TRCLKP	G1	P013	448	11TRCLKP	149-000	UNIT	04-088-448	
119-098-049	11DTVALP	G1	P014	449	11DTVALP	149-000	UNIT	04-088-449	
119-098-050	11RCVOTP	G1	P015	450	11RCVOTP	149-000	UNIT	04-088-450	
119-098-051	11TRMDTP	G1	P016	451	11TRMDTP	149-000	UNIT	04-088-451	
119-098-052	11NCINTP	G1	P017	452	11NCINTP	149-000	UNIT	04-088-452	
119-098-053	11LIINTP	G1	P018	453	11LIINTP	149-000	UNIT	04-088-453	
119-098-054	11SCDALP	G1	P019	454	11SCDALP	149-000	UNIT	04-088-454	
119-098-055	11ACDALP	G1	P020	455	11ACDALP	149-000	UNIT	04-088-455	
119-098-056	11TMSRTP	G1	P021	456	11TMSRTP	149-000	UNIT	04-088-456	

AP FIG 2 (J) CAD 029A

(CONT'D)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J 153-088 JACK/UNIT (ED50506-23)									
119-098-146	11NCSELP	G1	P011	546	11NCSELP	149-000	UNIT	04-088-546	
119-098-147	11LISELP	G1	P012	547	11LISELP	149-000	UNIT	04-088-547	
119-098-148	11TRCLKP	G1	P013	548	11TRCLKP	149-000	UNIT	04-088-548	
119-098-149	11DTVALP	G1	P014	549	11DTVALP	149-000	UNIT	04-088-549	
119-098-150	11RCVOTP	G1	P015	550	11RCVOTP	149-000	UNIT	04-088-550	
119-098-151	11TRMDTP	G1	P016	551	11TRMDTP	149-000	UNIT	04-088-551	
119-098-152	11NCINTP	G1	P017	552	11NCINTP	149-000	UNIT	04-088-552	
119-098-153	11LIINTP	G1	P018	553	11LIINTP	149-000	UNIT	04-088-553	
119-098-154	11SCDALP	G1	P019	554	11SCDALP	149-000	UNIT	04-088-554	
119-098-155	11ACDALP	G1	P020	555	11ACDALP	149-000	UNIT	04-088-555	
119-098-156	11TMSRTP	G1	P021	556	11TMSRTP	149-000	UNIT	04-088-556	

AP FIG 2 (G) CAD 029B

11 CONTROL AND DIAGNOSTIC ACCESS LINK A

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
J 119-092 JACK/UNIT (ED50506-23)									
153-088-446	11NCSELP	G1	P000	045	11NCSELP	115-000	UNIT	04-092-046	
153-088-447	11LISELP	G1	P001	046	11LISELP	115-000	UNIT	04-092-047	
153-088-448	11TRCLKP	G1	P002	048	11TRCLKP	115-000	UNIT	04-092-048	
153-088-449	11DTVALP	G1	P003	049	11DTVALP	115-000	UNIT	04-092-049	
153-088-450	11RCVOTP	G1	P004	050	11RCVOTP	115-000	UNIT	04-092-050	
153-088-451	11TRMDTP	G1	P005	051	11TRMDTP	115-000	UNIT	04-092-051	
153-088-452	11NCINTP	G1	P006	052	11NCINTP	115-000	UNIT	04-092-052	
153-088-453	11LIINTP	G1	P007	053	11LIINTP	115-000	UNIT	04-092-053	
153-088-454	11SCDALP	G1	P008	054	11SCDALP	115-000	UNIT	04-092-054	
153-088-455	11ACDALP	G1	P009	055	11ACDALP	115-000	UNIT	04-092-055	
153-088-456	11TMSRTP	G1	P010	056	11TMSRTP	115-000	UNIT	04-092-056	
J 153-088 JACK/UNIT (ED50506-23)									
119-092-046	11NCSELP	G1	P011	446	11NCSELP	149-000	UNIT	04-088-446	
119-092-047	11LISELP	G1	P012	447	11LISELP	149-000	UNIT	04-088-447	
119-092-048	11TRCLKP	G1	P013	448	11TRCLKP	149-000	UNIT	04-088-448	
119-092-049	11DTVALP	G1	P014	449	11DTVALP	149-000	UNIT	04-088-449	
119-092-050	11RCVOTP	G1	P015	450	11RCVOTP	149-000	UNIT	04-088-450	
119-092-051	11TRMDTP	G1	P016	451	11TRMDTP	149-000	UNIT	04-088-451	
119-092-052	11NCINTP	G1	P017	452	11NCINTP	149-000	UNIT	04-088-452	
119-092-053	11LIINTP	G1	P018	453	11LIINTP	149-000	UNIT	04-088-453	
119-092-054	11SCDALP	G1	P019	454	11SCDALP	149-000	UNIT	04-088-454	
119-092-055	11ACDALP	G1	P020	455	11ACDALP	149-000	UNIT	04-088-455	
119-092-056	11TMSRTP	G1	P021	456	11TMSRTP	149-000	UNIT	04-088-456	

AP FIG 2 (J) CAD 030A

11 CONTROL AND DIAGNOSTIC ACCESS LINK B

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J					119-092	JACK/UNIT	(E050506-23)	.....	
153-088-438	11TMSRTP	G3	P000	251	11TMSRTP	115-000	UNIT	04-092-251	
153-088-439	11MIINTP	G3	P001	252	11MIINTP	115-000	UNIT	04-092-252	
153-088-440	11TMSITP	G3	P002	253	11TMSITP	115-000	UNIT	04-092-253	
153-088-441	11MISELP	G3	P003	254	11MISELP	115-000	UNIT	04-092-254	
153-088-442	11TMSRDP	G3	P004	255	11TMSRDP	115-000	UNIT	04-092-255	
153-088-443	11TMSRTP	G3	P005	256	11TMSRDP	115-000	UNIT	04-092-256	
153-088-538	11TMSRTP	G3	P000	351	11TMSRTP	115-000	UNIT	04-092-351	
153-088-539	11MIINTP	G3	P001	352	11MIINTP	115-000	UNIT	04-092-352	
153-088-540	11TMSITP	G3	P002	353	11TMSITP	115-000	UNIT	04-092-353	
153-088-541	11MISELP	G3	P003	354	11MISELP	115-000	UNIT	04-092-354	
153-088-542	11TMSRDP	G3	P004	355	11TMSRDP	115-000	UNIT	04-092-355	
153-088-543	11TMSRTP	G3	P005	356	11TMSRDP	115-000	UNIT	04-092-356	
.....J					153-088	JACK/UNIT	(E050506-23)	.....	
119-092-251	11TMSRTP	G3	P006	438	11TMSRTP	149-000	UNIT	04-088-438	
119-092-252	11MIINTP	G3	P007	439	11MIINTP	149-000	UNIT	04-088-439	
119-092-253	11TMSITP	G3	P008	440	11TMSITP	149-000	UNIT	04-088-440	
119-092-254	11MISELP	G3	P009	441	11MISELP	149-000	UNIT	04-088-441	
119-092-255	11TMSRDP	G3	P010	442	11TMSRDP	149-000	UNIT	04-088-442	
119-092-256	11TMSRTP	G3	P011	443	11TMSRDP	149-000	UNIT	04-088-443	
119-092-351	11TMSRTP	G3	P006	538	11TMSRTP	149-000	UNIT	04-088-538	
119-092-352	11MIINTP	G3	P007	539	11MIINTP	149-000	UNIT	04-088-539	
119-092-353	11TMSITP	G3	P008	540	11TMSITP	149-000	UNIT	04-088-540	
119-092-354	11MISELP	G3	P009	541	11MISELP	149-000	UNIT	04-088-541	
119-092-355	11TMSRDP	G3	P010	542	11TMSRDP	149-000	UNIT	04-088-542	
119-092-356	11TMSRTP	G3	P011	543	11TMSRDP	149-000	UNIT	04-088-543	

AP FIG 2 (G) CAD 030B

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J				153-088 JACK/UNIT (EDSD506-23).....					
119-098-251	11TMSRTP	G3	P006	438	11TMSRTP	149-000 UNIT	04-088-438		
119-098-252	11TMINTP	G3	P007	439	11TMINTP	149-000 UNIT	04-088-439		
119-098-253	11TMSITP	G3	P008	440	11TMSITP	149-000 UNIT	04-088-440		
119-098-254	11TMSLTP	G3	P009	441	11TMSLTP	149-000 UNIT	04-088-441		
119-098-255	11TMSSLP	G3	P010	442	11TMSSLP	149-000 UNIT	04-088-442		
119-098-256	11TMSROP	G3	P011	443	11TMSROP	149-000 UNIT	04-088-443		
119-098-351	11TMSRTN	G3	P006	538	11TMSRTN	149-000 UNIT	04-088-538		
119-098-352	11TMINTN	G3	P007	539	11TMINTN	149-000 UNIT	04-088-539		
119-098-353	11TMSITN	G3	P008	540	11TMSITN	149-000 UNIT	04-088-540		
119-098-354	11TMSLNP	G3	P009	541	11TMSLNP	149-000 UNIT	04-088-541		
119-098-355	11TMSSLN	G3	P010	542	11TMSSLN	149-000 UNIT	04-088-542		
119-098-356	11TMSRON	G3	P011	543	11TMSRON	149-000 UNIT	04-088-543		

AP FIG 1 (F) CAD 031B

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....JT1				019-092 JACK/UNIT (EDSD501-30).....					
SWITCH CABINET				(CONT'D)					
BAY 0				019-092					
	0TMSRQTP	G1	P002	134	0TMSRQTP	015-000 UNIT	04-092-134		
	0TMSQUTP	G1	P003	135	0TMSQUTP	015-000 UNIT	04-092-135		
	0TMSGOP	G1	P004	136	0TMSGOP	015-000 UNIT	04-092-136		
	0TMSLTP	G1	P005	137	0TMSLTP	015-000 UNIT	04-092-137		
	0TMSLNP	G1	P006	138	0TMSLNP	015-000 UNIT	04-092-138		
	0TMSCLKP	G1	P007	139	0TMSCLKP	015-000 UNIT	04-092-139		
	0TMSRSTP	G1	P008	140	0TMSRSTP	015-000 UNIT	04-092-140		
	NC			141					
	NC			142					
	NC			143					

AP FIG 1 (T) CAD 032B

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....JT2				119-092 JACK/UNIT (EDSD501-30).....					
BAY 1				(CONT'D)					
	1TMSQUTP	G2	P003	135	1TMSQUTP	115-000 UNIT	04-092-135		
	1TMSGOP	G2	P004	136	1TMSGOP	115-000 UNIT	04-092-136		
	1TMSLTP	G2	P005	137	1TMSLTP	115-000 UNIT	04-092-137		
	1TMSLNP	G2	P006	138	1TMSLNP	115-000 UNIT	04-092-138		
	1TMSCLKP	G2	P007	139	1TMSCLKP	115-000 UNIT	04-092-139		
	1TMSRSTP	G2	P008	140	1TMSRSTP	115-000 UNIT	04-092-140		
	NC			141					
	NC			142					
	NC			143					

AP FIG 1 (X) CAD 031A

TMS-0 CONTROL AND DIAGNOSTIC ACCESS LINK

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....JT1				019-098 JACK/UNIT (EDSD501-30).....					
TO TIME				019-098					
MULTIPLYED				019-098					
SWITCH CABINET				019-098					
BAY 0				019-098					
	0TMSINTN	G1	P000	032	0TMSINTN	015-000 UNIT	04-098-032		
	0TMSRDYN	G1	P001	033	0TMSRDYN	015-000 UNIT	04-098-033		
	0TMSRQTN	G1	P002	034	0TMSRQTN	015-000 UNIT	04-098-034		
	0TMSQUTN	G1	P003	035	0TMSQUTN	015-000 UNIT	04-098-035		
	0TMSGON	G1	P004	036	0TMSGON	015-000 UNIT	04-098-036		
	0TMSLNP	G1	P005	037	0TMSLNP	015-000 UNIT	04-098-037		
	0TMSLNN	G1	P006	038	0TMSLNN	015-000 UNIT	04-098-038		
	0TMSCLKN	G1	P007	039	0TMSCLKN	015-000 UNIT	04-098-039		
	0TMSRSTN	G1	P008	040	0TMSRSTN	015-000 UNIT	04-098-040		
	NC			041					
	NC			042					
	NC			043					
TO TIME				019-098					
MULTIPLYED				019-098					
SWITCH CABINET				019-098					
BAY 0				019-098					
	0TMSINTP	G1	P000	132	0TMSINTP	015-000 UNIT	04-098-132		
	0TMSRDYP	G1	P001	133	0TMSRDYP	015-000 UNIT	04-098-133		
	0TMSRQTP	G1	P002	134	0TMSRQTP	015-000 UNIT	04-098-134		
	0TMSQUTP	G1	P003	135	0TMSQUTP	015-000 UNIT	04-098-135		
	0TMSGOP	G1	P004	136	0TMSGOP	015-000 UNIT	04-098-136		
	0TMSLTP	G1	P005	137	0TMSLTP	015-000 UNIT	04-098-137		
	0TMSLNP	G1	P006	138	0TMSLNP	015-000 UNIT	04-098-138		
	0TMSCLKP	G1	P007	139	0TMSCLKP	015-000 UNIT	04-098-139		
	0TMSRSTP	G1	P008	140	0TMSRSTP	015-000 UNIT	04-098-140		
	NC			141					
	NC			142					
	NC			143					

AP FIG 1 (X) CAD 032A

TMS-1 CONTROL AND DIAGNOSTIC ACCESS LINK

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....JT2				119-098 JACK/UNIT (EDSD501-30).....					
TO TIME				119-098					
MULTIPLYED				119-098					
SWITCH CABINET				119-098					
BAY 1				119-098					
	1TMSINTN	G2	P000	032	1TMSINTN	115-000 UNIT	04-098-032		
	1TMSRDYN	G2	P001	033	1TMSRDYN	115-000 UNIT	04-098-033		
	1TMSRQTN	G2	P002	034	1TMSRQTN	115-000 UNIT	04-098-034		
	1TMSQUTN	G2	P003	035	1TMSQUTN	115-000 UNIT	04-098-035		
	1TMSGON	G2	P004	036	1TMSGON	115-000 UNIT	04-098-036		
	1TMSLNP	G2	P005	037	1TMSLNP	115-000 UNIT	04-098-037		
	1TMSLNN	G2	P006	038	1TMSLNN	115-000 UNIT	04-098-038		
	1TMSCLKN	G2	P007	039	1TMSCLKN	115-000 UNIT	04-098-039		
	1TMSRSTN	G2	P008	040	1TMSRSTN	115-000 UNIT	04-098-040		
	NC			041					
	NC			042					
	NC			043					
TO TIME				119-098					
MULTIPLYED				119-098					
SWITCH CABINET				119-098					
BAY 1				119-098					
	1TMSINTP	G2	P000	132	1TMSINTP	115-000 UNIT	04-098-132		
	1TMSRDYP	G2	P001	133	1TMSRDYP	115-000 UNIT	04-098-133		
	1TMSRQTP	G2	P002	134	1TMSRQTP	115-000 UNIT	04-098-134		
	1TMSQUTP	G2	P003	135	1TMSQUTP	115-000 UNIT	04-098-135		
	1TMSGOP	G2	P004	136	1TMSGOP	115-000 UNIT	04-098-136		
	1TMSLTP	G2	P005	137	1TMSLTP	115-000 UNIT	04-098-137		
	1TMSLNP	G2	P006	138	1TMSLNP	115-000 UNIT	04-098-138		
	1TMSCLKP	G2	P007	139	1TMSCLKP	115-000 UNIT	04-098-139		
	1TMSRSTP	G2	P008	140	1TMSRSTP	115-000 UNIT	04-098-140		
	NC			141					
	NC			142					
	NC			143					

AP FIG 2 (J) CAD 034A

00 MESSAGE INTERFACE BUS COMMUNITY 1

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				019-074	JACK/UNIT	(EDSD506-21)	.....		
053-056-234	00SYNCR	G1	P000	249	00SYNCR	015-000 UNIT	04-074-249		
053-056-235	004MCK1R	G1	P001	250	004MCK1R	015-000 UNIT	04-074-250		
053-056-236	001DAT1R	G1	P002	251	001DAT1R	015-000 UNIT	04-074-251		
053-056-237	000DAT1R	G1	P003	252	000DAT1R	015-000 UNIT	04-074-252		
053-056-334	00SYNCR	G1	P000	349	00SYNCR	015-000 UNIT	04-074-349		
053-056-335	004MCK1R	G1	P001	350	004MCK1R	015-000 UNIT	04-074-350		
053-056-336	001DAT1R	G1	P002	351	001DAT1R	015-000 UNIT	04-074-351		
053-056-337	000DAT1R	G1	P003	352	000DAT1R	015-000 UNIT	04-074-352		
.....J				053-056	JACK/UNIT	(EDSD506-21)	.....		
019-074-249	00SYNCR	G1	P004	234	00SYNCR	049-000 UNIT	04-056-234		
019-074-250	004MCK1R	G1	P005	235	004MCK1R	049-000 UNIT	04-056-235		
019-074-251	001DAT1R	G1	P006	236	001DAT1R	049-000 UNIT	04-056-236		
019-074-252	000DAT1R	G1	P007	237	000DAT1R	049-000 UNIT	04-056-237		
019-074-349	00SYNCR	G1	P004	334	00SYNCR	049-000 UNIT	04-056-334		
019-074-350	004MCK1R	G1	P005	335	004MCK1R	049-000 UNIT	04-056-335		
019-074-351	001DAT1R	G1	P006	336	001DAT1R	049-000 UNIT	04-056-336		
019-074-352	000DAT1R	G1	P007	337	000DAT1R	049-000 UNIT	04-056-337		

AP FIG 2 (G) CAD 034B

00 MESSAGE INTERFACE BUS COMMUNITY 1

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 019-068 JACK/UNIT (EO5D506-21).....									
053-056-234	00SYNCR1	G1	P000	249	00SYNCR1	015-000 UNIT	04-068-249		
053-056-235	004MCK1R	G1	P001	250	004MCK1R	015-000 UNIT	04-068-250		
053-056-236	001DAT1R	G1	P002	251	001DAT1R	015-000 UNIT	04-068-251		
053-056-237	000DAT1R	G1	P003	252	000DAT1R	015-000 UNIT	04-068-252		
053-056-334	00SYNCR1	G1	P000	349	00SYNCR1	015-000 UNIT	04-068-349		
053-056-335	004MCK1	G1	P001	350	004MCK1	015-000 UNIT	04-068-350		
053-056-336	001DAT1	G1	P002	351	001DAT1	015-000 UNIT	04-068-351		
053-056-337	000DAT1	G1	P003	352	000DAT1	015-000 UNIT	04-068-352		

.....J..... 053-056 JACK/UNIT (EO5D506-21).....									
019-068-249	00SYNCR1	G1	P004	234	00SYNCR1	049-000 UNIT	04-056-234		
019-068-250	004MCK1R	G1	P005	235	004MCK1R	049-000 UNIT	04-056-235		
019-068-251	001DAT1R	G1	P006	236	001DAT1R	049-000 UNIT	04-056-236		
019-068-252	000DAT1R	G1	P007	237	000DAT1R	049-000 UNIT	04-056-237		
019-068-349	00SYNCR1	G1	P004	334	00SYNCR1	049-000 UNIT	04-056-334		
019-068-350	004MCK1	G1	P005	335	004MCK1	049-000 UNIT	04-056-335		
019-068-351	001DAT1	G1	P006	336	001DAT1	049-000 UNIT	04-056-336		
019-068-352	000DAT1	G1	P007	337	000DAT1	049-000 UNIT	04-056-337		

AP FIG 2 (J) CAD 035A

00 MESSAGE INTERFACE BUS COMMUNITY 2

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 019-074 JACK/UNIT (EO5D506-21).....									
028-048-234	00SYNCR2	G3	P000	245	00SYNCR2	015-000 UNIT	04-074-245		
028-048-235	004MCK2R	G3	P001	246	004MCK2R	015-000 UNIT	04-074-246		
028-048-236	001DAT2R	G3	P002	247	001DAT2R	015-000 UNIT	04-074-247		
028-048-237	000DAT2R	G3	P003	248	000DAT2R	015-000 UNIT	04-074-248		
028-048-334	00SYNCR2	G3	P000	345	00SYNCR2	015-000 UNIT	04-074-345		
028-048-335	004MCK2	G3	P001	346	004MCK2	015-000 UNIT	04-074-346		
028-048-336	001DAT2	G3	P002	347	001DAT2	015-000 UNIT	04-074-347		
028-048-337	000DAT2	G3	P003	348	000DAT2	015-000 UNIT	04-074-348		

.....J..... 028-048 JACK/UNIT (EO5D506-21).....									
019-074-245	00SYNCR2	G3	P004	234	00SYNCR2	024-000 UNIT	04-048-234		
019-074-246	004MCK2R	G3	P005	235	004MCK2R	024-000 UNIT	04-048-235		
019-074-247	001DAT2R	G3	P006	236	001DAT2R	024-000 UNIT	04-048-236		
019-074-248	000DAT2R	G3	P007	237	000DAT2R	024-000 UNIT	04-048-237		
019-074-345	00SYNCR2	G3	P004	334	00SYNCR2	024-000 UNIT	04-048-334		
019-074-346	004MCK2	G3	P005	335	004MCK2	024-000 UNIT	04-048-335		
019-074-347	001DAT2	G3	P006	336	001DAT2	024-000 UNIT	04-048-336		
019-074-348	000DAT2	G3	P007	337	000DAT2	024-000 UNIT	04-048-337		

AP FIG 2 (G) CAD 035B

00 MESSAGE INTERFACE BUS COMMUNITY 2

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 019-068 JACK/UNIT (EO5D506-21).....									
028-048-234	00SYNCR2	G3	P000	245	00SYNCR2	015-000 UNIT	04-068-245		
028-048-235	004MCK2R	G3	P001	246	004MCK2R	015-000 UNIT	04-068-246		
028-048-236	001DAT2R	G3	P002	247	001DAT2R	015-000 UNIT	04-068-247		
028-048-237	000DAT2R	G3	P003	248	000DAT2R	015-000 UNIT	04-068-248		
028-048-334	00SYNCR2	G3	P000	345	00SYNCR2	015-000 UNIT	04-068-345		
028-048-335	004MCK2	G3	P001	346	004MCK2	015-000 UNIT	04-068-346		
028-048-336	001DAT2	G3	P002	347	001DAT2	015-000 UNIT	04-068-347		
028-048-337	000DAT2	G3	P003	348	000DAT2	015-000 UNIT	04-068-348		

AP FIG 2 (G) CAD 035B

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 028-048 JACK/UNIT (EO5D506-21).....									
019-068-245	00SYNCR2	G3	P004	234	00SYNCR2	024-000 UNIT	04-048-234		
019-068-246	004MCK2R	G3	P005	235	004MCK2R	024-000 UNIT	04-048-235		
019-068-247	001DAT2R	G3	P006	236	001DAT2R	024-000 UNIT	04-048-236		
019-068-248	000DAT2R	G3	P007	237	000DAT2R	024-000 UNIT	04-048-237		
019-068-345	00SYNCR2	G3	P004	334	00SYNCR2	024-000 UNIT	04-048-334		
019-068-346	004MCK2	G3	P005	335	004MCK2	024-000 UNIT	04-048-335		
019-068-347	001DAT2	G3	P006	336	001DAT2	024-000 UNIT	04-048-336		
019-068-348	000DAT2	G3	P007	337	000DAT2	024-000 UNIT	04-048-337		

AP FIG 2 (J) CAD 036A

00 MESSAGE INTERFACE BUS COMMUNITY 3

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 019-074 JACK/UNIT (EO5D506-21).....									
036-048-234	00SYNCR3	G5	P000	236	00SYNCR3	015-000 UNIT	04-074-236		
036-048-235	004MCK3R	G5	P001	237	004MCK3R	015-000 UNIT	04-074-237		
036-048-236	001DAT3R	G5	P002	238	001DAT3R	015-000 UNIT	04-074-238		
036-048-237	000DAT3R	G5	P003	239	000DAT3R	015-000 UNIT	04-074-239		
036-048-334	00SYNCR3	G5	P000	336	00SYNCR3	015-000 UNIT	04-074-336		
036-048-335	004MCK3	G5	P001	337	004MCK3	015-000 UNIT	04-074-337		
036-048-336	001DAT3	G5	P002	338	001DAT3	015-000 UNIT	04-074-338		
036-048-337	000DAT3	G5	P003	339	000DAT3	015-000 UNIT	04-074-339		

.....J..... 036-048 JACK/UNIT (EO5D506-21).....									
019-074-236	00SYNCR3	G5	P004	234	00SYNCR3	032-000 UNIT	04-048-234		
019-074-237	004MCK3R	G5	P005	235	004MCK3R	032-000 UNIT	04-048-235		
019-074-238	001DAT3R	G5	P006	236	001DAT3R	032-000 UNIT	04-048-236		
019-074-239	000DAT3R	G5	P007	237	000DAT3R	032-000 UNIT	04-048-237		
019-074-336	00SYNCR3	G5	P004	334	00SYNCR3	032-000 UNIT	04-048-334		
019-074-337	004MCK3	G5	P005	335	004MCK3	032-000 UNIT	04-048-335		
019-074-338	001DAT3	G5	P006	336	001DAT3	032-000 UNIT	04-048-336		
019-074-339	000DAT3	G5	P007	337	000DAT3	032-000 UNIT	04-048-337		

AP FIG 2 (G) CAD 036B

00 MESSAGE INTERFACE BUS COMMUNITY 3

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 019-068 JACK/UNIT (EO5D506-21).....									
036-048-234	00SYNCR3	G5	P000	236	00SYNCR3	015-000 UNIT	04-068-236		
036-048-235	004MCK3R	G5	P001	237	004MCK3R	015-000 UNIT	04-068-237		
036-048-236	001DAT3R	G5	P002	238	001DAT3R	015-000 UNIT	04-068-238		
036-048-237	000DAT3R	G5	P003	239	000DAT3R	015-000 UNIT	04-068-239		
036-048-334	00SYNCR3	G5	P000	336	00SYNCR3	015-000 UNIT	04-068-336		
036-048-335	004MCK3	G5	P001	337	004MCK3	015-000 UNIT	04-068-337		
036-048-336	001DAT3	G5	P002	338	001DAT3	015-000 UNIT	04-068-338		
036-048-337	000DAT3	G5	P003	339	000DAT3	015-000 UNIT	04-068-339		

.....J..... 036-048 JACK/UNIT (EO5D506-21).....									
019-068-236	00SYNCR3	G5	P004	234	00SYNCR3	032-000 UNIT	04-048-234		
019-068-237	004MCK3R	G5	P005	235	004MCK3R	032-000 UNIT	04-048-235		
019-068-238	001DAT3R	G5	P006	236	001DAT3R	032-000 UNIT	04-048-236		
019-068-239	000DAT3R	G5	P007	237	000DAT3R	032-000 UNIT	04-048-237		
019-068-336	00SYNCR3	G5	P004	334	00SYNCR3	032-000 UNIT	04-048-334		
019-068-337	004MCK3	G5	P005	335	004MCK3	032-000 UNIT	04-048-335		
019-068-338	001DAT3	G5	P006	336	001DAT3	032-000 UNIT	04-048-336		
019-068-339	000DAT3	G5	P007	337	000DAT3	032-000 UNIT	04-048-337		

AP FIG 2 (J) CAD 038A

01 MESSAGE INTERFACE BUS COMMUNITY 1

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 053-056 JACK/UNIT (EO5D506-2).....									
119-074-249	01SYNCR1	G7	P000	239	01SYNCR1	049-000 UNIT	04-056-239		
119-074-250	014MCK1R	G7	P001	240	014MCK1R	049-000 UNIT	04-056-240		
119-074-251	011DAT1R	G7	P002	241	011DAT1R	049-000 UNIT	04-056-241		
119-074-252	010DAT1R	G7	P003	242	010DAT1R	049-000 UNIT	04-056-242		
119-074-349	01SYNCR1	G7	P000	339	01SYNCR1	049-000 UNIT	04-056-339		
119-074-350	014MCK1	G7	P001	340	014MCK1	049-000 UNIT	04-056-340		
119-074-351	011DAT1	G7	P002	341	011DAT1	049-000 UNIT	04-056-341		
119-074-352	010DAT1	G7	P003	342	010DAT1	049-000 UNIT	04-056-342		

.....J..... 119-074 JACK/UNIT (EO5D506-21).....		
---	--	--

AP FIG 2 (J) CAD 039A

01 MESSAGE INTERFACE BUS COMMUNITY 2

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 028-048 JACK/UNIT (ED5D506-21).....									
119-074-245	01SYNCR	G9	P000	239	01SYNCR	024-000	UNIT	04-048-239	
119-074-246	014MCK2R	G9	P001	240	014MCK2R	024-000	UNIT	04-048-240	
119-074-247	011DAT2R	G9	P002	241	011DAT2R	024-000	UNIT	04-048-241	
119-074-248	010DAT2R	G9	P003	242	010DAT2R	024-000	UNIT	04-048-242	
119-074-335	01SYNCR	G9	P000	339	01SYNCR	024-000	UNIT	04-048-339	
119-074-346	014MCK2	G9	P001	340	014MCK2	024-000	UNIT	04-048-340	
119-074-347	011DAT2	G9	P002	341	011DAT2	024-000	UNIT	04-048-341	
119-074-348	010DAT2	G9	P003	342	010DAT2	024-000	UNIT	04-048-342	

.....J..... 119-074 JACK/UNIT (ED5D506-21).....									
028-048-239	01SYNCR	G9	P004	245	01SYNCR	115-000	UNIT	04-074-245	
028-048-240	014MCK2R	G9	P005	246	014MCK2R	115-000	UNIT	04-074-246	
028-048-241	011DAT2R	G9	P006	247	011DAT2R	115-000	UNIT	04-074-247	
028-048-242	010DAT2R	G9	P007	248	010DAT2R	115-000	UNIT	04-074-248	
028-048-339	01SYNCR	G9	P004	345	01SYNCR	115-000	UNIT	04-074-345	
028-048-340	014MCK2	G9	P005	346	014MCK2	115-000	UNIT	04-074-346	
028-048-341	011DAT2	G9	P006	347	011DAT2	115-000	UNIT	04-074-347	
028-048-342	010DAT2	G9	P007	348	010DAT2	115-000	UNIT	04-074-348	

AP FIG 2 (G) CAD 039B

01 MESSAGE INTERFACE BUS COMMUNITY 2

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 028-043 JACK/UNIT (ED5D506-21).....									
119-068-245	01SYNCR	G9	P000	239	01SYNCR	024-000	UNIT	04-048-239	
119-068-246	014MCK2R	G9	P001	240	014MCK2R	024-000	UNIT	04-048-240	
119-068-247	011DAT2R	G9	P002	241	011DAT2R	024-000	UNIT	04-048-241	
119-068-248	010DAT2R	G9	P003	242	010DAT2R	024-000	UNIT	04-048-242	
119-068-345	01SYNCR	G9	P000	339	01SYNCR	024-000	UNIT	04-048-339	
119-068-346	014MCK2	G9	P001	340	014MCK2	024-000	UNIT	04-048-340	
119-068-347	011DAT2	G9	P002	341	011DAT2	024-000	UNIT	04-048-341	
119-068-348	010DAT2	G9	P003	342	010DAT2	024-000	UNIT	04-048-342	

.....J..... 119-068 JACK/UNIT (ED5D506-21).....									
028-048-239	01SYNCR	G9	P004	245	01SYNCR	115-000	UNIT	04-068-245	
028-048-240	014MCK2R	G9	P005	246	014MCK2R	115-000	UNIT	04-068-246	
028-048-241	011DAT2R	G9	P006	247	011DAT2R	115-000	UNIT	04-068-247	
028-048-242	010DAT2R	G9	P007	248	010DAT2R	115-000	UNIT	04-068-248	
028-048-339	01SYNCR	G9	P004	345	01SYNCR	115-000	UNIT	04-068-345	
028-048-340	014MCK2	G9	P005	346	014MCK2	115-000	UNIT	04-068-346	
028-048-341	011DAT2	G9	P006	347	011DAT2	115-000	UNIT	04-068-347	
028-048-342	010DAT2	G9	P007	348	010DAT2	115-000	UNIT	04-068-348	

AP FIG 2 (J) CAD 040A

01 MESSAGE INTERFACE BUS COMMUNITY 3

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 036-048 JACK/UNIT (ED5D506-21).....									
119-074-236	01SYNCR	G11	P000	239	01SYNCR	032-000	UNIT	04-048-239	
119-074-237	014MCK3R	G11	P001	240	014MCK3R	032-000	UNIT	04-048-240	
119-074-238	011DAT3R	G11	P002	241	011DAT3R	032-000	UNIT	04-048-241	
119-074-239	010DAT3R	G11	P003	242	010DAT3R	032-000	UNIT	04-048-242	
119-074-336	01SYNCR	G11	P000	339	01SYNCR	032-000	UNIT	04-048-339	
119-074-337	014MCK3	G11	P001	340	014MCK3	032-000	UNIT	04-048-340	
119-074-338	011DAT3	G11	P002	341	011DAT3	032-000	UNIT	04-048-341	
119-074-339	010DAT3	G11	P003	342	010DAT3	032-000	UNIT	04-048-342	

AP FIG 2 (J) CAD 040A

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 119-074 JACK/UNIT (ED5D506-21).....									
036-048-239	01SYNCR	G11	P004	236	01SYNCR	115-000	UNIT	04-074-236	
036-048-240	014MCK3R	G11	P005	237	014MCK3R	115-000	UNIT	04-074-237	
036-048-241	011DAT3R	G11	P006	238	011DAT3R	115-000	UNIT	04-074-238	
036-048-242	010DAT3R	G11	P007	239	010DAT3R	115-000	UNIT	04-074-239	
036-048-339	01SYNCR	G11	P004	336	01SYNCR	115-000	UNIT	04-074-336	
036-048-340	014MCK3	G11	P005	337	014MCK3	115-000	UNIT	04-074-337	
036-048-341	011DAT3	G11	P006	338	011DAT3	115-000	UNIT	04-074-338	
036-048-342	010DAT3	G11	P007	339	010DAT3	115-000	UNIT	04-074-339	

AP FIG 2 (G) CAD 040B

01 MESSAGE INTERFACE BUS COMMUNITY 3

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 036-048 JACK/UNIT (ED5D506-21).....									
119-068-236	01SYNCR	G11	P000	239	01SYNCR	032-000	UNIT	04-048-239	
119-068-237	014MCK3R	G11	P001	240	014MCK3R	032-000	UNIT	04-048-240	
119-068-238	011DAT3R	G11	P002	241	011DAT3R	032-000	UNIT	04-048-241	
119-068-239	010DAT3R	G11	P003	242	010DAT3R	032-000	UNIT	04-048-242	
119-068-336	01SYNCR	G11	P000	339	01SYNCR	032-000	UNIT	04-048-339	
119-068-337	014MCK3	G11	P001	340	014MCK3	032-000	UNIT	04-048-340	
119-068-338	011DAT3	G11	P002	341	011DAT3	032-000	UNIT	04-048-341	
119-068-339	010DAT3	G11	P003	342	010DAT3	032-000	UNIT	04-048-342	

.....J..... 119-068 JACK/UNIT (ED5D506-21).....									
036-048-239	01SYNCR	G11	P004	236	01SYNCR	115-000	UNIT	04-068-236	
036-048-240	014MCK3R	G11	P005	237	014MCK3R	115-000	UNIT	04-068-237	
036-048-241	011DAT3R	G11	P006	238	011DAT3R	115-000	UNIT	04-068-238	
036-048-242	010DAT3R	G11	P007	239	010DAT3R	115-000	UNIT	04-068-239	
036-048-339	01SYNCR	G11	P004	336	01SYNCR	115-000	UNIT	04-068-336	
036-048-340	014MCK3	G11	P005	337	014MCK3	115-000	UNIT	04-068-337	
036-048-341	011DAT3	G11	P006	338	011DAT3	115-000	UNIT	04-068-338	
036-048-342	010DAT3	G11	P007	339	010DAT3	115-000	UNIT	04-068-339	

AP FIG 2 (J) CAD 042A

10 MESSAGE INTERFACE BUS COMMUNITY 1

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 019-074 JACK/UNIT (ED5D506-21).....									
153-056-234	10SYNCR	G8	P000	049	10SYNCR	015-000	UNIT	04-074-049	
153-056-235	104MCK1R	G8	P001	050	104MCK1R	015-000	UNIT	04-074-050	
153-056-236	101DAT1R	G8	P002	051	101DAT1R	015-000	UNIT	04-074-051	
153-056-237	100DAT1R	G8	P003	052	100DAT1R	015-000	UNIT	04-074-052	
153-056-334	10SYNCR	G8	P000	149	10SYNCR	015-000	UNIT	04-074-149	
153-056-335	104MCK1	G8	P001	150	104MCK1	015-000	UNIT	04-074-150	
153-056-336	101DAT1	G8	P002	151	101DAT1	015-000	UNIT	04-074-151	
153-056-337	100DAT1	G8	P003	152	100DAT1	015-000	UNIT	04-074-152	

.....J..... 153-056 JACK/UNIT (ED5D506-21).....									
019-074-049	10SYNCR	G8	P004	234	10SYNCR	149-000	UNIT	04-056-234	
019-074-050	104MCK1R	G8	P005	235	104MCK1R	149-000	UNIT	04-056-235	
019-074-051	101DAT1R	G8	P006	236	101DAT1R	149-000	UNIT	04-056-236	
019-074-052	100DAT1R	G8	P007	237	100DAT1R	149-000	UNIT	04-056-237	
019-074-149	10SYNCR	G8	P004	334	10SYNCR	149-000	UNIT	04-056-334	
019-074-150	104MCK1	G8	P005	335	104MCK1	149-000	UNIT	04-056-335	
019-074-151	101DAT1	G8	P006	336	101DAT1	149-000	UNIT	04-056-336	
019-074-152	100DAT1	G8	P007	337	100DAT1	149-000	UNIT	04-056-337	

AP FIG 2 (G) CAD 042B

10 MESSAGE INTERFACE BUS COMMUNITY 1

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J..... 019-068 JACK/UNIT (ED5D506-21).....									
153-056-234	10SYNCR	G8	P000	049	10SYNCR	015-000	UNIT	04-068-049	
153-056-235	104MCK1R	G8	P001	050	104MCK1R	015-000	UNIT	04-068-050	
153-056-236	101DAT1R	G8	P002	051	101DAT1R	015-000	UNIT	04-068-051	
153-056-237	100DAT1R	G8	P003	052	100DAT1R	015-000	UNIT	04-068-052	
153-056-334	10SYNCR	G8	P000	149	10SYNCR	015-000	UNIT	04-068-149	
153-056-335	104MCK1	G8	P001	150	104MCK1	015-000	UNIT	04-068-150	
153-056-336	101DAT1	G8	P002	151	101DAT1	015-000	UNIT	04-068-151	
153-056-337	100DAT1	G8	P003	152	100DAT1	015-000	UNIT	04-068-152	

AP FIG 2 (G) CAD 043B

10 MESSAGE INTERFACE BUS COMMUNITY 2

TO CONNECTION						FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	OPT	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J 019-068 JACK/UNIT (ED5D506-21).....											
128-048-234	10SYNCR	G10	P000	045		10SYNCR	015-000	UNIT		04-068-045	
128-048-235	104MCK2R	G10	P001	046		104MCK2R	015-000	UNIT		04-068-046	
128-048-236	101DAT2R	G10	P002	047		101DAT2R	015-000	UNIT		04-068-047	
128-048-237	100DAT2R	G10	P003	048		100DAT2R	015-000	UNIT		04-068-048	
128-048-334	10SYNCR	G10	P000	145		10SYNCR	015-000	UNIT		04-068-145	
128-048-335	104MCK2	G10	P001	146		104MCK2	015-000	UNIT		04-068-146	
128-048-336	101DAT2	G10	P002	147		101DAT2	015-000	UNIT		04-068-147	
128-048-337	100DAT2	G10	P003	148		100DAT2	015-000	UNIT		04-068-148	
J 128-048 JACK/UNIT (ED5D506-21).....											
019-068-045	10SYNCR	G10	P004	234		10SYNCR	124-000	UNIT		04-048-234	
019-068-046	104MCK2R	G10	P005	235		104MCK2R	124-000	UNIT		04-048-235	
019-068-047	101DAT2R	G10	P006	236		101DAT2R	124-000	UNIT		04-048-236	
019-068-048	100DAT2R	G10	P007	237		100DAT2R	124-000	UNIT		04-048-237	
019-068-145	10SYNCR	G10	P004	334		10SYNCR	124-000	UNIT		04-048-334	
019-068-146	104MCK2	G10	P005	335		104MCK2	124-000	UNIT		04-048-335	
019-068-147	101DAT2	G10	P006	336		101DAT2	124-000	UNIT		04-048-336	
019-068-148	100DAT2	G10	P007	337		100DAT2	124-000	UNIT		04-048-337	

AP FIG 2 (J) CAD 044A

10 MESSAGE INTERFACE BUS COMMUNITY 3

TO CONNECTION						FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	OPT	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J 019-074 JACK/UNIT (ED5D506-21).....											
136-048-234	10SYNCR	G12	P000	036		10SYNCR	015-000	UNIT		04-074-036	
136-048-235	104MCK3R	G12	P001	037		104MCK3R	015-000	UNIT		04-074-037	
136-048-236	101DAT3R	G12	P002	038		101DAT3R	015-000	UNIT		04-074-038	
136-048-237	100DAT3R	G12	P003	039		100DAT3R	015-000	UNIT		04-074-039	
136-048-334	10SYNCR	G12	P000	136		10SYNCR	015-000	UNIT		04-074-136	
136-048-335	104MCK3	G12	P001	137		104MCK3	015-000	UNIT		04-074-137	
136-048-336	101DAT3	G12	P002	138		101DAT3	015-000	UNIT		04-074-138	
136-048-337	100DAT3	G12	P003	139		100DAT3	015-000	UNIT		04-074-139	
J 136-048 JACK/UNIT (ED5D506-21).....											
019-074-036	10SYNCR	G12	P004	234		10SYNCR	132-000	UNIT		04-048-234	
019-074-037	104MCK3R	G12	P005	235		104MCK3R	132-000	UNIT		04-048-235	
019-074-038	101DAT3R	G12	P006	236		101DAT3R	132-000	UNIT		04-048-236	
019-074-039	100DAT3R	G12	P007	237		100DAT3R	132-000	UNIT		04-048-237	
019-074-136	10SYNCR	G12	P004	334		10SYNCR	132-000	UNIT		04-048-334	
019-074-137	104MCK3	G12	P005	335		104MCK3	132-000	UNIT		04-048-335	
019-074-138	101DAT3	G12	P006	336		101DAT3	132-000	UNIT		04-048-336	
019-074-139	100DAT3	G12	P007	337		100DAT3	132-000	UNIT		04-048-337	

AP FIG 2 (G) CAD 044B

10 MESSAGE INTERFACE BUS COMMUNITY 3

TO CONNECTION						FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	OPT	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J 019-068 JACK/UNIT (ED5D506-21).....											
136-048-234	10SYNCR	G12	P000	036		10SYNCR	015-000	UNIT		04-068-036	
136-048-235	104MCK3R	G12	P001	037		104MCK3R	015-000	UNIT		04-068-037	
136-048-236	101DAT3R	G12	P002	038		101DAT3R	015-000	UNIT		04-068-038	
136-048-237	100DAT3R	G12	P003	039		100DAT3R	015-000	UNIT		04-068-039	
136-048-334	10SYNCR	G12	P000	136		10SYNCR	015-000	UNIT		04-068-136	
136-048-335	104MCK3	G12	P001	137		104MCK3	015-000	UNIT		04-068-137	
136-048-336	101DAT3	G12	P002	138		101DAT3	015-000	UNIT		04-068-138	
136-048-337	100DAT3	G12	P003	139		100DAT3	015-000	UNIT		04-068-139	

AP FIG 2 (G) CAD 044B

(CONT'D)

TO CONNECTION						FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	OPT	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J 136-048 JACK/UNIT (ED5D506-21).....											
019-068-036	10SYNCR	G12	P004	234		10SYNCR	132-000	UNIT		04-048-234	
019-068-037	104MCK3R	G12	P005	235		104MCK3R	132-000	UNIT		04-048-235	
019-068-038	101DAT3R	G12	P006	236		101DAT3R	132-000	UNIT		04-048-236	
019-068-039	100DAT3R	G12	P007	237		100DAT3R	132-000	UNIT		04-048-237	
019-068-136	10SYNCR	G12	P004	334		10SYNCR	132-000	UNIT		04-048-334	
019-068-137	104MCK3	G12	P005	335		104MCK3	132-000	UNIT		04-048-335	
019-068-138	101DAT3	G12	P006	336		101DAT3	132-000	UNIT		04-048-336	
019-068-139	100DAT3	G12	P007	337		100DAT3	132-000	UNIT		04-048-337	

AP FIG 2 (J) CAD 046A

11 MESSAGE INTERFACE BUS COMMUNITY 1

TO CONNECTION						FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	OPT	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J 119-074 JACK/UNIT (ED5D506-21).....											
153-056-239	11SYNCR	G2	P000	049		11SYNCR	115-000	UNIT		04-074-049	
153-056-240	114MCK1R	G2	P001	050		114MCK1R	115-000	UNIT		04-074-050	
153-056-241	111DAT1R	G2	P002	051		111DAT1R	115-000	UNIT		04-074-051	
153-056-242	110DAT1R	G2	P003	052		110DAT1R	115-000	UNIT		04-074-052	
153-056-339	11SYNCR	G2	P000	149		11SYNCR	115-000	UNIT		04-074-149	
153-056-340	114MCK1	G2	P001	150		114MCK1	115-000	UNIT		04-074-150	
153-056-341	111DAT1	G2	P002	151		111DAT1	115-000	UNIT		04-074-151	
153-056-342	110DAT1	G2	P003	152		110DAT1	115-000	UNIT		04-074-152	
J 153-056 JACK/UNIT (ED5D506-21).....											
119-074-049	11SYNCR	G2	P004	239		11SYNCR	149-000	UNIT		04-056-239	
119-074-050	114MCK1R	G2	P005	240		114MCK1R	149-000	UNIT		04-056-240	
119-074-051	111DAT1R	G2	P006	241		111DAT1R	149-000	UNIT		04-056-241	
119-074-052	110DAT1R	G2	P007	242		110DAT1R	149-000	UNIT		04-056-242	
119-074-149	11SYNCR	G2	P004	339		11SYNCR	149-000	UNIT		04-056-339	
119-074-150	114MCK1	G2	P005	340		114MCK1	149-000	UNIT		04-056-340	
119-074-151	111DAT1	G2	P006	341		111DAT1	149-000	UNIT		04-056-341	
119-074-152	110DAT1	G2	P007	342		110DAT1	149-000	UNIT		04-056-342	

AP FIG 2 (G) CAD 046B

11 MESSAGE INTERFACE BUS COMMUNITY 1

TO CONNECTION						FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	OPT	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
J 119-068 JACK/UNIT (ED5D506-21).....											
153-056-239	11SYNCR	G2	P000	049		11SYNCR	115-000	UNIT		04-068-049	
153-056-240	114MCK1R	G2	P001	050		114MCK1R	115-000	UNIT		04-068-050	
153-056-241	111DAT1R	G2	P002	051		111DAT1R	115-000	UNIT		04-068-051	
153-056-242	110DAT1R	G2	P003	052		110DAT1R	115-000	UNIT		04-068-052	
153-056-339	11SYNCR	G2	P000	149		11SYNCR	115-000	UNIT		04-068-149	
153-056-340	114MCK1	G2	P001	150		114MCK1	115-000	UNIT		04-068-150	
153-056-341	111DAT1	G2	P002	151		111DAT1	115-000	UNIT		04-068-151	
153-056-342	110DAT1	G2	P003	152		110DAT1	115-000	UNIT		04-068-152	
J 153-056 JACK/UNIT (ED5D506-21).....											
119-068-049	11SYNCR	G2	P004	239		11SYNCR	149-000	UNIT		04-056-239	
119-068-050	114MCK1R	G2	P005	240		114MCK1R	149-000	UNIT		04-056-240	
119-068-051	111DAT1R	G2	P006	241		111DAT1R	149-000	UNIT		04-056-241	
119-068-052	110DAT1R	G2	P007	242		110DAT1R	149-000	UNIT		04-056-242	
119-068-149	11SYNCR	G2	P004	339		11SYNCR	149-000	UNIT		04-056-339	
119-068-150	114MCK1	G2	P005	340		114MCK1	149-000	UNIT		04-056-340	
119-068-151	111DAT1	G2	P006	341		111DAT1	149-000	UNIT		04-056-341	
119-068-152	110DAT1	G2	P007	342		110DAT1	149-000	UNIT		04-056-342	

AP FIG 2 (J) CAD 047A

11 MESSAGE INTERFACE BUS COMMUNITY 2

TO CONNECTION					
---------------	--	--	--	--	--

AP FIG 2 (J) CAD 048A

11 MESSAGE INTERFACE BUS COMMUNITY 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
J 119-074 JACK/UNIT (ED5D506-21).....									
136-048-239	11SYNCR3	G6	P000	036	11SYNCR3	115-000 UNIT	04-074-036		
136-048-240	114MCK3R	G6	P001	037	114MCK3R	115-000 UNIT	04-074-037		
136-048-241	111DAT3R	G6	P002	038	111DAT3R	115-000 UNIT	04-074-038		
136-048-242	110DAT3R	G6	P003	039	110DAT3R	115-000 UNIT	04-074-039		
136-048-339	11SYNCR3	G6	P000	136	11SYNCR3	115-000 UNIT	04-074-136		
136-048-340	114MCK3R	G6	P001	137	114MCK3R	115-000 UNIT	04-074-137		
136-048-341	111DAT3R	G6	P002	138	111DAT3R	115-000 UNIT	04-074-138		
136-048-342	110DAT3R	G6	P003	139	110DAT3R	115-000 UNIT	04-074-139		
J 136-048 JACK/UNIT (ED5D506-21).....									
119-074-036	11SYNCR3	G6	P004	239	11SYNCR3	132-000 UNIT	04-048-239		
119-074-037	114MCK3R	G6	P005	240	114MCK3R	132-000 UNIT	04-048-240		
119-074-038	111DAT3R	G6	P006	241	111DAT3R	132-000 UNIT	04-048-241		
119-074-039	110DAT3R	G6	P007	242	110DAT3R	132-000 UNIT	04-048-242		
119-074-136	11SYNCR3	G6	P004	339	11SYNCR3	132-000 UNIT	04-048-339		
119-074-137	114MCK3R	G6	P005	340	114MCK3R	132-000 UNIT	04-048-340		
119-074-138	111DAT3R	G6	P006	341	111DAT3R	132-000 UNIT	04-048-341		
119-074-139	110DAT3R	G6	P007	342	110DAT3R	132-000 UNIT	04-048-342		

AP FIG 2 (G) CAD 048B

11 MESSAGE INTERFACE BUS COMMUNITY 3

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
J 119-068 JACK/UNIT (ED5D506-21).....									
136-048-239	11SYNCR3	G6	P000	036	11SYNCR3	115-000 UNIT	04-068-036		
136-048-240	114MCK3R	G6	P001	037	114MCK3R	115-000 UNIT	04-068-037		
136-048-241	111DAT3R	G6	P002	038	111DAT3R	115-000 UNIT	04-068-038		
136-048-242	110DAT3R	G6	P003	039	110DAT3R	115-000 UNIT	04-068-039		
136-048-339	11SYNCR3	G6	P000	136	11SYNCR3	115-000 UNIT	04-068-136		
136-048-340	114MCK3R	G6	P001	137	114MCK3R	115-000 UNIT	04-068-137		
136-048-341	111DAT3R	G6	P002	138	111DAT3R	115-000 UNIT	04-068-138		
136-048-342	110DAT3R	G6	P003	139	110DAT3R	115-000 UNIT	04-068-139		
J 136-048 JACK/UNIT (ED5D506-21).....									
119-068-036	11SYNCR3	G6	P004	239	11SYNCR3	132-000 UNIT	04-048-239		
119-068-037	114MCK3R	G6	P005	240	114MCK3R	132-000 UNIT	04-048-240		
119-068-038	111DAT3R	G6	P006	241	111DAT3R	132-000 UNIT	04-048-241		
119-068-039	110DAT3R	G6	P007	242	110DAT3R	132-000 UNIT	04-048-242		
119-068-136	11SYNCR3	G6	P004	339	11SYNCR3	132-000 UNIT	04-048-339		
119-068-137	114MCK3R	G6	P005	340	114MCK3R	132-000 UNIT	04-048-340		
119-068-138	111DAT3R	G6	P006	341	111DAT3R	132-000 UNIT	04-048-341		
119-068-139	110DAT3R	G6	P007	342	110DAT3R	132-000 UNIT	04-048-342		

AP FIG 2 CAD 054

0 10M DATA COMMUNITY 1

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
J 045-070 JACK/UNIT (ED5D506-22).....									
NC	NC			045					
NC	NC			046					
053-070-016	ODMAD111	G1	PA00	048	ODMAD111	041-000 UNIT	04-070-048	(X)	209
053-070-017	ODMAD131	G1	PA01	049	ODMAD131	041-000 UNIT	04-070-049		209
053-070-018	ODMAD151	G1	PA02	050	ODMAD151	041-000 UNIT	04-070-050		209
053-070-019	ODMAD171	G1	PA03	051	ODMAD171	041-000 UNIT	04-070-051		209
053-070-020	SPARE010	G1	PA04	052	SPARE010	041-000 UNIT	04-070-052		209
053-070-021	SPARE082	G1	PA05	053	SPARE082	041-000 UNIT	04-070-053		209
053-070-022	01NT110	G1	PA06	054	01NT110	041-000 UNIT	04-070-054		209

AP FIG 2 CAD 054

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
J 045-070 JACK/UNIT (ED5D506-22).....									
053-070-023	01NT130	G1	PA07	055	01NT130	041-000 UNIT	04-070-055		209
NC	NC			056	ODMAD043	041-000 UNIT	04-070-056	(X)	209
J 053-070 JACK/UNIT (ED5D506-22).....									
NC	NC			013	ODMAD0533	049-000 UNIT	04-070-013		209
NC	NC			014					
NC	NC			015					
045-070-048	ODMAD111	G1	PB00	016	ODMAD111	049-000 UNIT	04-070-016		209
045-070-049	ODMAD131	G1	PB01	017	ODMAD131	049-000 UNIT	04-070-017		209
045-070-050	ODMAD151	G1	PB02	018	ODMAD151	049-000 UNIT	04-070-018		209
045-070-051	ODMAD171	G1	PB03	019	ODMAD171	049-000 UNIT	04-070-019		209
045-070-052	SPARE010	G1	PB04	020	SPARE010	049-000 UNIT	04-070-020		209
045-070-053	SPARE082	G1	PB05	021	SPARE082	049-000 UNIT	04-070-021		209
045-070-054	01NT110	G1	PB06	022	01NT110	049-000 UNIT	04-070-022		209
045-070-055	01NT130	G1	PB07	023	01NT130	049-000 UNIT	04-070-023		209
NC	NC			024	ODMAD0533	049-000 UNIT	04-070-024		209
J 045-071 JACK/UNIT (ED5D506-22).....									
NC	NC			045					
NC	NC			046					
053-071-016	ODMAD101	G1	PC00	048	ODMAD101	041-000 UNIT	04-071-048	(X)	209
053-071-017	ODMAD121	G1	PC01	049	ODMAD121	041-000 UNIT	04-071-049		209
053-071-018	ODMAD141	G1	PC02	050	ODMAD141	041-000 UNIT	04-071-050		209
053-071-019	ODMAD161	G1	PC03	051	ODMAD161	041-000 UNIT	04-071-051		209
053-071-020	ODMAD181	G1	PC04	052	ODMAD181	041-000 UNIT	04-071-052		209
053-071-021	SPARE011	G1	PC05	053	SPARE011	041-000 UNIT	04-071-053		209
053-071-022	01NT100	G1	PC06	054	01NT100	041-000 UNIT	04-071-054		209
053-071-023	01NT120	G1	PC07	055	01NT120	041-000 UNIT	04-071-055		209
NC	NC			056	ODMAD0433	041-000 UNIT	04-071-056	(X)	209
J 053-071 JACK/UNIT (ED5D506-22).....									
NC	NC			013	ODMAD0533	049-000 UNIT	04-071-013		209
NC	NC			014					
NC	NC			015					
045-071-048	ODMAD101	G1	PD00	016	ODMAD101	049-000 UNIT	04-071-016		209
045-071-049	ODMAD121	G1	PD01	017	ODMAD121	049-000 UNIT	04-071-017		209
045-071-050	ODMAD141	G1	PD02	018	ODMAD141	049-000 UNIT	04-071-018		209
045-071-051	ODMAD161	G1	PD03	019	ODMAD161	049-000 UNIT	04-071-019		209
045-071-052	ODMAD181	G1	PD04	020	ODMAD181	049-000 UNIT	04-071-020		209
045-071-053	SPARE011	G1	PD05	021	SPARE011	049-000 UNIT	04-071-021		209
045-071-054	01NT100	G1	PD06	022	01NT100	049-000 UNIT	04-071-022		209
045-071-055	01NT120	G1	PD07	023	01NT120	049-000 UNIT	04-071-023		209
NC	NC			024	ODMAD0533	049-000 UNIT	04-071-024		209

AP FIG 2 CAD 055

0 10M ADDRESS COMMUNITY 1

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
J 045-070 JACK/UNIT (ED5D506-22).....									
NC	NC			032					
NC	NC			033					
053-070-003	ODMA1011	G1	PA00	034	ODMA1011	041-000 UNIT	04-070-034	(X)	209
053-070-004	ODMA1031	G1	PA01	035	ODMA1031	041-000 UNIT	04-070-035		209
053-070-005	ODMA1051	G1	PA02	036	ODMA1051	041-000 UNIT	04-070-036		209
053-070-006	ODMA1071	G1	PA03	037	ODMA1071	041-000 UNIT	04-070-037		209
053-070-007	ODMA1091	G1	PA04	038	ODMA1091	041-000 UNIT	04-070-038		209
053-070-008	ODMA1111	G1	PA05	039	ODMA1111	041-000 UNIT	04-070-039		209
053-070-009	ODMA1131	G1	PA06	040	ODMA1131	041-000 UNIT	04-070-040		209
053-070-010	ODMA1151	G1	PA07	041	ODMA1151	041-000 UNIT	04-070-041		209
NC	NC			042	ODMA1151	041-000 UNIT	04-070-042		209
NC	NC			043	ODMA1151	041-000 UNIT	04-070-043	(X)	209

AP FIG 2 CAD 055

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				053-070	JACK/UNIT	(ED5D506-22).....			
	NC	G1	PB	000	0GRD0532	049-000	UNIT	04-070-000	209
	NC			001					
	NC			002					
045-070-035	ODMA1011	G1	PB00	003	ODMA1011	049-000	UNIT	04-070-003	209
045-070-036	ODMA1031	G1	PB01	004	ODMA1031	049-000	UNIT	04-070-004	209
045-070-037	ODMA1051	G1	PB02	005	ODMA1051	049-000	UNIT	04-070-005	209
045-070-038	ODMA1071	G1	PB03	006	ODMA1071	049-000	UNIT	04-070-006	209
045-070-039	ODMA1091	G1	PB04	007	ODMA1091	049-000	UNIT	04-070-007	209
045-070-040	ODMA1111	G1	PB05	008	ODMA1111	049-000	UNIT	04-070-008	209
045-070-041	ODMA1131	G1	PB06	009	ODMA1131	049-000	UNIT	04-070-009	209
045-070-042	ODMA1151	G1	PB07	010	ODMA1151	049-000	UNIT	04-070-010	209
	NC	G1	PB	011	0GRD0532	049-000	UNIT	04-070-011	209
.....J				045-071	JACK/UNIT	(ED5D506-22).....			
	NC			032					
	NC			033					
	NC	G1	PC	034	0GRD0452	041-000	UNIT	04-071-034	(X) 209
053-071-003	ODMA1001	G1	PC00	035	ODMA1001	041-000	UNIT	04-071-035	209
053-071-004	ODMA1021	G1	PC01	036	ODMA1021	041-000	UNIT	04-071-036	209
053-071-005	ODMA1041	G1	PC02	037	ODMA1041	041-000	UNIT	04-071-037	209
053-071-006	ODMA1061	G1	PC03	038	ODMA1061	041-000	UNIT	04-071-038	209
053-071-007	ODMA1081	G1	PC04	039	ODMA1081	041-000	UNIT	04-071-039	209
053-071-008	ODMA1101	G1	PC05	040	ODMA1101	041-000	UNIT	04-071-040	209
053-071-009	ODMA1121	G1	PC06	041	ODMA1121	041-000	UNIT	04-071-041	209
053-071-010	ODMA1141	G1	PC07	042	ODMA1141	041-000	UNIT	04-071-042	209
	NC	G1	PC	043	0GRD0452	041-000	UNIT	04-071-043	(X) 209
.....J				053-071	JACK/UNIT	(ED5D506-22).....			
	NC	G1	PD	000	0GRD0532	049-000	UNIT	04-071-000	209
	NC			001					
	NC			002					
045-071-035	ODMA1001	G1	PD00	003	ODMA1001	049-000	UNIT	04-071-003	209
045-071-036	ODMA1021	G1	PD01	004	ODMA1021	049-000	UNIT	04-071-004	209
045-071-037	ODMA1041	G1	PD02	005	ODMA1041	049-000	UNIT	04-071-005	209
045-071-038	ODMA1061	G1	PD03	006	ODMA1061	049-000	UNIT	04-071-006	209
045-071-039	ODMA1081	G1	PD04	007	ODMA1081	049-000	UNIT	04-071-007	209
045-071-040	ODMA1101	G1	PD05	008	ODMA1101	049-000	UNIT	04-071-008	209
045-071-041	ODMA1121	G1	PD06	009	ODMA1121	049-000	UNIT	04-071-009	209
045-071-042	ODMA1141	G1	PD07	010	ODMA1141	049-000	UNIT	04-071-010	209
	NC	G1	PD	011	0GRD0532	049-000	UNIT	04-071-011	209

AP FIG 2 CAD 056

0 IOMI CONTROL COMMUNITY 1

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J				045-070 JACK/UNIT (EDSD506-22).....					
NC				013					
NC				014					
NC				015					
053-062-016	OCSEA100	G1	PA00	016	0GRD0451	041-000	UNIT	04-070-015	(X) 209
053-062-017	OCSEA110	G1	PA01	017	0CSA100	041-000	UNIT	04-070-016	209
053-062-018	OCSEA120	G1	PA02	018	0CSA110	041-000	UNIT	04-070-017	209
053-062-019	OCSEA130	G1	PA03	019	0CSA120	041-000	UNIT	04-070-018	209
053-062-020	OCSEA130	G1	PA03	019	0CSA130	041-000	UNIT	04-070-019	209
053-062-021	OCSEA130	G1	PA03	019	0CSA130	041-000	UNIT	04-070-020	209
053-062-022	OCSEA130	G1	PA03	019	0CSA130	041-000	UNIT	04-070-021	209
053-062-023	OCSEA130	G1	PA03	019	0CSA130	041-000	UNIT	04-070-022	209
053-062-024	OCSEA130	G1	PA03	019	0CSA130	041-000	UNIT	04-070-023	209
053-062-025	OCSEA130	G1	PA03	019	0CSA130	041-000	UNIT	04-070-024	(X) 209
.....J				053-062 JACK/UNIT (EDSD506-22).....					
NC				013					
NC				014					
NC				015					
045-070-016	OCSEA100	G1	PB00	016	0GRD0531	049-000	UNIT	04-062-013	209
045-070-017	OCSEA110	G1	PB01	017	0CSA100	049-000	UNIT	04-062-016	209
045-070-018	OCSEA120	G1	PB02	018	0CSA110	049-000	UNIT	04-062-017	209
045-070-019	OCSEA130	G1	PB03	019	0CSA120	049-000	UNIT	04-062-018	209
045-070-020	OCSEA130	G1	PB03	019	0CSA130	049-000	UNIT	04-062-019	209
045-070-021	OCSEA130	G1	PB03	019	0CSA130	049-000	UNIT	04-062-020	209
045-070-022	OCSEA130	G1	PB03	019	0CSA130	049-000	UNIT	04-062-021	209
045-070-023	OCSEA130	G1	PB03	019	0CSA130	049-000	UNIT	04-062-022	209
045-070-024	OCSEA130	G1	PB03	019	0CSA130	049-000	UNIT	04-062-023	209
045-070-025	OCSEA130	G1	PB03	019	0CSA130	049-000	UNIT	04-062-024	209
.....J				045-071 JACK/UNIT (EDSD506-22).....					
NC				013					
NC				014					
NC				015					
053-063-016	OCSEA100	G1	PC00	016	0GRD0451	041-000	UNIT	04-071-015	(X) 209
053-063-017	OCSEA110	G1	PC01	017	0CSA100	041-000	UNIT	04-071-016	209
053-063-018	OCSEA120	G1	PC02	018	0CSA110	041-000	UNIT	04-071-017	209
053-063-019	OCSEA130	G1	PC03	019	0CSA120	041-000	UNIT	04-071-018	209
053-063-020	OCSEA130	G1	PC03	019	0CSA130	041-000	UNIT	04-071-019	209
053-063-021	OCSEA130	G1	PC03	019	0CSA130	041-000	UNIT	04-071-020	209
053-063-022	OCSEA130	G1	PC03	019	0CSA130	041-000	UNIT	04-071-021	209
053-063-023	OCSEA130	G1	PC03	019	0CSA130	041-000	UNIT	04-071-022	209
053-063-024	OCSEA130	G1	PC03	019	0CSA130	041-000	UNIT	04-071-023	209
053-063-025	OCSEA130	G1	PC03	019	0CSA130	041-000	UNIT	04-071-024	(X) 209
.....J				053-063 JACK/UNIT (EDSD506-22).....					
NC				013					
NC				014					
NC				015					
045-071-016	OCSEA100	G1	PD00	016	0GRD0531	049-000	UNIT	04-063-013	209
045-071-017	OCSEA110	G1	PD01	017	0CSA100	049-000	UNIT	04-063-016	209
045-071-018	OCSEA120	G1	PD02	018	0CSA110	049-000	UNIT	04-063-017	209
045-071-019	OCSEA130	G1	PD03	019	0CSA120	049-000	UNIT	04-063-018	209
045-071-020	OCSEA130	G1	PD03	019	0CSA130	049-000	UNIT	04-063-019	209
045-071-021	OCSEA130	G1	PD03	019	0CSA130	049-000	UNIT	04-063-020	209
045-071-022	OCSEA130	G1	PD03	019	0CSA130	049-000	UNIT	04-063-021	209
045-071-023	OCSEA130	G1	PD03	019	0CSA130	049-000	UNIT	04-063-022	209
045-071-024	OCSEA130	G1	PD03	019	0CSA130	049-000	UNIT	04-063-023	209
045-071-025	OCSEA130	G1	PD03	019	0CSA130	049-000	UNIT	04-063-024	209

AP FIG 2 CAD 057

0 IOMI SERVICE COMMUNITY 1

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J				045-070 JACK/UNIT (EDSD506-22).....					
NC				000					
NC				001					
NC				002					
053-062-003	SPARE012	G1	PA00	003	0GRD0450	041-000	UNIT	04-070-002	(X) 209
053-062-004	SPARE013	G1	PA01	004	SPARE012	041-000	UNIT	04-070-003	209
053-062-005	SPARE014	G1	PA02	005	SPARE013	041-000	UNIT	04-070-004	209
053-062-006	SPARE015	G1	PA03	006	SPARE014	041-000	UNIT	04-070-005	209
053-062-007	SPARE016	G1	PA04	007	SPARE015	041-000	UNIT	04-070-006	209

AP FIG 2 CAD 057

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J				045-070 JACK/UNIT (EDSD506-22).....					
NC				008					
NC				009					
NC				010					
053-062-008	SPARE012	G1	PA05	008	0GRD0450	041-000	UNIT	04-070-008	209
053-062-009	SPARE013	G1	PA06	009	SPARE012	041-000	UNIT	04-070-009	209
053-062-010	SPARE014	G1	PA07	010	SPARE013	041-000	UNIT	04-070-010	209
053-062-011	SPARE015	G1	PA08	011	SPARE014	041-000	UNIT	04-070-011	(X) 209
.....J				053-062 JACK/UNIT (EDSD506-22).....					
NC				000					
NC				001					
NC				002					
045-070-003	SPARE012	G1	PB00	003	0GRD0530	049-000	UNIT	04-062-000	209
045-070-004	SPARE013	G1	PB01	004	SPARE012	049-000	UNIT	04-062-003	209
045-070-005	SPARE014	G1	PB02	005	SPARE013	049-000	UNIT	04-062-004	209
045-070-006	SPARE015	G1	PB03	006	SPARE014	049-000	UNIT	04-062-005	209
045-070-007	SPARE016	G1	PB04	007	SPARE015	049-000	UNIT	04-062-006	209
045-070-008	SPARE017	G1	PB05	008	SPARE016	049-000	UNIT	04-062-007	209
045-070-009	SPARE018	G1	PB06	009	SPARE017	049-000	UNIT	04-062-008	209
045-070-010	SPARE019	G1	PB07	010	SPARE018	049-000	UNIT	04-062-009	209
045-070-011	SPARE020	G1	PB08	011	SPARE019	049-000	UNIT	04-062-010	209
.....J				045-071 JACK/UNIT (EDSD506-22).....					
NC				000					
NC				001					
NC				002					
053-063-003	SPARE012	G1	PC00	003	0GRD0450	041-000	UNIT	04-071-002	(X) 209
053-063-004	SPARE013	G1	PC01	004	SPARE012	041-000	UNIT	04-071-003	209
053-063-005	SPARE014	G1	PC02	005	SPARE013	041-000	UNIT	04-071-004	209
053-063-006	SPARE015	G1	PC03	006	SPARE014	041-000	UNIT	04-071-005	209
053-063-007	SPARE016	G1	PC04	007	SPARE015	041-000	UNIT	04-071-006	209
053-063-008	SPARE017	G1	PC05	008	SPARE016	041-000	UNIT	04-071-007	209
053-063-009	SPARE018	G1	PC06	009	SPARE017	041-000	UNIT	04-071-008	209
053-063-010	SPARE019	G1	PC07	010	SPARE018	041-000	UNIT	04-071-009	209
053-063-011	SPARE020	G1	PC08	011	SPARE019	041-000	UNIT	04-071-010	209
.....J				053-063 JACK/UNIT (EDSD506-22).....					
NC				000					
NC				001					
NC				002					
045-071-003	SPARE012	G1	PD00	003	0GRD0530	049-000	UNIT	04-063-000	209
045-071-004	SPARE013	G1	PD01	004	SPARE012	049-000	UNIT	04-063-003	209
045-071-005	SPARE014	G1	PD02	005	SPARE013	049-000	UNIT	04-063-004	209
045-071-006	SPARE015	G1	PD03	006	SPARE014	049-000	UNIT	04-063-005	209
045-071-007	SPARE016	G1	PD04	007	SPARE015	049-000	UNIT	04-063-006	209
045-071-008	SPARE017	G1	PD05	008	SPARE016	049-000	UNIT	04-063-007	209
045-071-009	SPARE018	G1	PD06	009	SPARE017	049-000	UNIT	04-063-008	209
045-071-010	SPARE019	G1	PD07	010	SPARE018	049-000	UNIT	04-063-009	209
045-071-011	SPARE020	G1	PD08	011	SPARE019	049-000	UNIT	04-063-010	209

AP FIG 2 CAD 059

0 10M1 ADDRESS COMMUNITY 2

	TO CONNECTION				FROM CONNECTION					
	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
	J				028-070	JACK/UNIT (ED5D506-22).....				
		NC	G2	PA	000	0GRD0282	024-000 UNIT	04-070-000		
		NC			001					
		NC			002					
	045-078-035	ODMA2011	G2	PA00	003	ODMA2011	024-000 UNIT	04-070-003	209	
	045-078-036	ODMA2031	G2	PA01	004	ODMA2031	024-000 UNIT	04-070-004	209	
	045-078-037	ODMA2051	G2	PA02	005	ODMA2051	024-000 UNIT	04-070-005	209	
	045-078-038	ODMA2071	G2	PA03	006	ODMA2071	024-000 UNIT	04-070-006	209	
	045-078-039	ODMA2091	G2	PA04	007	ODMA2091	024-000 UNIT	04-070-007	209	
	045-078-040	ODMA2111	G2	PA05	008	ODMA2111	024-000 UNIT	04-070-008	209	
	045-078-041	ODMA2131	G2	PA06	009	ODMA2131	024-000 UNIT	04-070-009	209	
	045-078-042	ODMA2151	G2	PA07	010	ODMA2151	024-000 UNIT	04-070-010	209	
		NC	G2	PA	011	0GRD0282	024-000 UNIT	04-070-011		
	J				045-078	JACK/UNIT (ED5D506-22).....				
		NC			032					
		NC			033					
		NC	G2	PB	034	0GRD0452	041-000 UNIT	04-078-034	(X)	
	028-070-003	ODMA2011	G2	PB00	035	ODMA2011	041-000 UNIT	04-078-035	209	
	028-070-004	ODMA2031	G2	PB01	036	ODMA2031	041-000 UNIT	04-078-036	209	
	028-070-005	ODMA2051	G2	PB02	037	ODMA2051	041-000 UNIT	04-078-037	209	
	028-070-006	ODMA2071	G2	PB03	038	ODMA2071	041-000 UNIT	04-078-038	209	
	028-070-007	ODMA2091	G2	PB04	039	ODMA2091	041-000 UNIT	04-078-039	209	
	028-070-008	ODMA2111	G2	PB05	040	ODMA2111	041-000 UNIT	04-078-040	209	
	028-070-009	ODMA2131	G2	PB06	041	ODMA2131	041-000 UNIT	04-078-041	209	
	028-070-010	ODMA2151	G2	PB07	042	ODMA2151	041-000 UNIT	04-078-042	209	
		NC	G2	PB	043	0GRD0452	041-000 UNIT	04-078-043	(X)	
	J				028-071	JACK/UNIT (ED5D506-22).....				
		NC	G2	PC	000	0GRD0282	024-000 UNIT	04-071-000		
		NC			001					
		NC			002					
	045-079-035	ODMA2001	G2	PC00	003	ODMA2001	024-000 UNIT	04-071-003	209	
	045-079-036	ODMA2021	G2	PC01	004	ODMA2021	024-000 UNIT	04-071-004	209	
	045-079-037	ODMA2041	G2	PC02	005	ODMA2041	024-000 UNIT	04-071-005	209	
	045-079-038	ODMA2061	G2	PC03	006	ODMA2061	024-000 UNIT	04-071-006	209	
	045-079-039	ODMA2081	G2	PC04	007	ODMA2081	024-000 UNIT	04-071-007	209	
	045-079-040	ODMA2101	G2	PC05	008	ODMA2101	024-000 UNIT	04-071-008	209	
	045-079-041	ODMA2121	G2	PC06	009	ODMA2121	024-000 UNIT	04-071-009	209	
	045-079-042	ODMA2141	G2	PC07	010	ODMA2141	024-000 UNIT	04-071-010	209	
		NC	G2	PC	011	0GRD0282	024-000 UNIT	04-071-011		
	J				045-079	JACK/UNIT (ED5D506-22).....				
		NC			032					
		NC			033					
		NC	G2	PD	034	0GRD0452	041-000 UNIT	04-079-034	(X)	
	028-071-003	ODMA2001	G2	PD00	035	ODMA2001	041-000 UNIT	04-079-035	209	
	028-071-004	ODMA2021	G2	PD01	036	ODMA2021	041-000 UNIT	04-079-036	209	
	028-071-005	ODMA2041	G2	PD02	037	ODMA2041	041-000 UNIT	04-079-037	209	
	028-071-006	ODMA2061	G2	PD03	038	ODMA2061	041-000 UNIT	04-079-038	209	
	028-071-007	ODMA2081	G2	PD04	039	ODMA2081	041-000 UNIT	04-079-039	209	
	028-071-008	ODMA2101	G2	PD05	040	ODMA2101	041-000 UNIT	04-079-040	209	
	028-071-009	ODMA2121	G2	PD06	041	ODMA2121	041-000 UNIT	04-079-041	209	
	028-071-010	ODMA2141	G2	PD07	042	ODMA2141	041-000 UNIT	04-079-042	209	
		NC	G2	PD	043	0GRD0452	041-000 UNIT	04-079-043	(X)	

AP FIG 2 CAD 060

0 10M1 CONTROL COMMUNITY 2

G	-----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>
H	J				028-062	JACK/UNIT	(ED5D506-22).....			
		NC	G2	PA	013	0GRD0281	024-000	UNIT	04-062-013	
		NC			014					
		NC			015					
	045-078-016	0CSA200	G2	PA00	016	0CSA200	024-000	UNIT	04-062-016	209
	045-078-017	0CSA210	G2	PA01	017	0CSA210	024-000	UNIT	04-062-017	209
	045-078-018	0CSA220	G2	PA02	018	0CSA220	024-000	UNIT	04-062-018	209
	045-078-019	0CSA230	G2	PA03	019	0CSA230	024-000	UNIT	04-062-019	209
	045-078-020	0CLRP20	G2	PA04	020	0CLRP20	024-000	UNIT	04-062-020	209

AP FIG 2 CAD 060

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				028-062 (CONT'D)	JACK/UNIT	(ED5D506-22).....			
045-078-021	OSISL820	G2	PA05	021	OSISL820	024-000 UNIT	04-062-021	209	
045-078-022	OSR210	G2	PA06	022	OSR210	024-000 UNIT	04-062-022	209	
045-078-023	OSR230	G2	PA07	023	OSR230	024-000 UNIT	04-062-023	209	
	NC	G2	PA	024	0GRD0281	024-000 UNIT	04-062-024		
.....J				045-078	JACK/UNIT	(ED5D506-22).....			
	NC			013					
	NC			014					
	NC			015					
028-062-016	OCSEA200	G2	PB00	016	0GRD0451	041-000 UNIT	04-078-015	(X)	
028-062-017	OCSEA210	G2	PB01	017	OCSEA200	041-000 UNIT	04-078-016	209	
028-062-018	OCSEA220	G2	PB02	018	OCSEA210	041-000 UNIT	04-078-017	209	
028-062-019	OCSEA230	G2	PB03	019	OCSEA220	041-000 UNIT	04-078-018	209	
028-062-020	OCLRP20	G2	PB04	020	OCSEA230	041-000 UNIT	04-078-019	209	
028-062-021	OSISL820	G2	PB05	021	OCLRP20	041-000 UNIT	04-078-020	209	
028-062-022	OSR210	G2	PB06	022	OSISL820	041-000 UNIT	04-078-021	209	
028-062-023	OSR230	G2	PB07	023	OSR210	041-000 UNIT	04-078-022	209	
	NC	G2	PB	024	OSR230	041-000 UNIT	04-078-023	209	
					0GRD0451	041-000 UNIT	04-078-024	(X)	
.....J				028-063	JACK/UNIT	(ED5D506-22).....			
	NC	G2	PC	013	0GRD0281	024-000 UNIT	04-063-013		
	NC			014					
	NC			015					
045-079-016	ODMAWR20	G2	PC00	016	ODMAWR20	024-000 UNIT	04-063-016	209	
045-079-017	ODMAR020	G2	PC01	017	ODMAR020	024-000 UNIT	04-063-017	209	
045-079-018	ODMAC020	G2	PC02	018	ODMAC020	024-000 UNIT	04-063-018	209	
045-079-019	ODMAR020	G2	PC03	019	ODMAR020	024-000 UNIT	04-063-019	209	
045-079-020	OCINT20	G2	PC04	020	OCINT20	024-000 UNIT	04-063-020	209	
045-079-021	ORISL820	G2	PC05	021	ORISL820	024-000 UNIT	04-063-021	209	
045-079-022	OSR200	G2	PC06	022	OSR200	024-000 UNIT	04-063-022	209	
045-079-023	OSR220	G2	PC07	023	OSR220	024-000 UNIT	04-063-023	209	
	NC	G2	PC	024	0GRD0281	024-000 UNIT	04-063-024		
.....J				045-079	JACK/UNIT	(ED5D506-22).....			
	NC			013					
	NC			014					
	NC			015					
028-063-016	ODMAWR20	G2	PD00	016	0GRD0451	041-000 UNIT	04-079-015	(X)	
028-063-017	ODMAR020	G2	PD01	017	ODMAWR20	041-000 UNIT	04-079-016	209	
028-063-018	ODMAC020	G2	PD02	018	ODMAR020	041-000 UNIT	04-079-017	209	
028-063-019	ODMAR020	G2	PD03	019	ODMAC020	041-000 UNIT	04-079-018	209	
028-063-020	OCINT20	G2	PD04	020	ODMAR020	041-000 UNIT	04-079-019	209	
028-063-021	ORISL820	G2	PD05	021	OCINT20	041-000 UNIT	04-079-020	209	
028-063-022	OSR200	G2	PD06	022	ORISL820	041-000 UNIT	04-079-021	209	
028-063-023	OSR220	G2	PD07	023	OSR200	041-000 UNIT	04-079-022	209	
	NC	G2	PD	024	OSR220	041-000 UNIT	04-079-023	209	
					0GRD0451	041-000 UNIT	04-079-024	(X)	

AP FIG 2 CAD 061

0 10M1 SERVICE COMMUNITY 2

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				028-062	JACK/UNIT	(ED5D506-22).....			
	NC	G2	PA	000	0GRD0280	024-000	UNIT	04-062-000	
	NC			001					
	NC			002					
045-078-003	SPARE021	G2	PA00	003	SPARE021	024-000	UNIT	04-062-003	209
045-078-004	SPARE022	G2	PA01	004	SPARE022	024-000	UNIT	04-062-004	209
045-078-005	SPARE023	G2	PA02	005	SPARE023	024-000	UNIT	04-062-005	209
045-078-006	000L20	G2	PA03	006	000L20	024-000	UNIT	04-062-006	209
045-078-007	0ER200	G2	PA04	007	0ER200	024-000	UNIT	04-062-007	209
045-078-008	0ER210	G2	PA05	008	0ER210	024-000	UNIT	04-062-008	209
045-078-009	0ER220	G2	PA06	009	0ER220	024-000	UNIT	04-062-009	209
045-078-010	0ER230	G2	PA07	010	0ER230	024-000	UNIT	04-062-010	209
	NC	G2	PA	011	0GRD0280	024-000	UNIT	04-062-011	

AP FIG 2 CAD 061

(CONT'D)

||
||
||

0 IOMI DATA COMMUNITY 3

(CONT'D)

(CONT'D)

0 10M ADDRESS COMMUNITY 3

0 10MI CONTROL COMMUNITY 3

GB17

AP FIG 2 CAD 065

1 IOMI SERVICE COMMUNITY 3

	TO CONNECTION				FROM CONNECTION				OPT	NOTE	
	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL				
A	-----J----- 036-062 JACK/UNIT (ED5D506-22)-----										
B		NC			000						
		NC			001						
		NC			002						
	045-080-003	SPARE030	G3	PA00	003	SPARE030	032-000	UNIT	04-062-003	209	
	045-080-004	SPARE031	G3	PA01	004	SPARE031	032-000	UNIT	04-062-004	209	
	045-080-005	SPARE032	G3	PA02	005	SPARE032	032-000	UNIT	04-062-005	209	
	045-080-006	000L30	G3	PA03	006	000L30	032-000	UNIT	04-062-006	209	
	045-080-007	0ER300	G3	PA04	007	0ER300	032-000	UNIT	04-062-007	209	
	045-080-008	0ER310	G3	PA05	008	0ER310	032-000	UNIT	04-062-008	209	
	045-080-009	0ER320	G3	PA06	009	0ER320	032-000	UNIT	04-062-009	209	
	045-080-010	0ER330	G3	PA07	010	0ER330	032-000	UNIT	04-062-010	209	
		NC	G3	PA	011	0GRD0360	032-000	UNIT	04-062-011		
C	-----J----- 045-080 JACK/UNIT (ED5D506-22)-----										
		NC			000						
		NC			001						
		NC	G3	PB	002	0GRD0450	041-000	UNIT	04-080-002	(X)	
	036-062-003	SPARE030	G3	PB00	003	SPARE030	041-000	UNIT	04-080-003	209	
	036-062-004	SPARE031	G3	PB01	004	SPARE031	041-000	UNIT	04-080-004	209	
	036-062-005	SPARE032	G3	PB02	005	SPARE032	041-000	UNIT	04-080-005	209	
	036-062-006	000L30	G3	PB03	006	000L30	041-000	UNIT	04-080-006	209	
	036-062-007	0ER300	G3	PB04	007	0ER300	041-000	UNIT	04-080-007	209	
	036-062-008	0ER310	G3	PB05	008	0ER310	041-000	UNIT	04-080-008	209	
	036-062-009	0ER320	G3	PB06	009	0ER320	041-000	UNIT	04-080-009	209	
	036-062-010	0ER330	G3	PB07	010	0ER330	041-000	UNIT	04-080-010	209	
		NC	G3	PB	011	0GRD0450	041-000	UNIT	04-080-011	(X)	
	D	-----J----- 036-063 JACK/UNIT (ED5D506-22)-----									
			NC	G3	PC	000	0GRD0360	032-000	UNIT	04-063-000	
			NC			001					
		NC			002						
045-081-003		OPCSL300	G3	PC00	003	OPCSL300	032-000	UNIT	04-063-003	209	
045-081-004		OPCSL310	G3	PC01	004	OPCSL310	032-000	UNIT	04-063-004	209	
045-081-005		OPCSL320	G3	PC02	005	OPCSL320	032-000	UNIT	04-063-005	209	
045-081-006		OPCSL330	G3	PC03	006	OPCSL330	032-000	UNIT	04-063-006	209	
045-081-007		SPARE033	G3	PC04	007	SPARE033	032-000	UNIT	04-063-007	209	
045-081-008		SPARE034	G3	PC05	008	SPARE034	032-000	UNIT	04-063-008	209	
045-081-009		SPARE035	G3	PC06	009	SPARE035	032-000	UNIT	04-063-009	209	
045-081-010		SPARE036	G3	PC07	010	SPARE036	032-000	UNIT	04-063-010	209	
		NC	G3	PC	011	0GRD0360	032-000	UNIT	04-063-011		
E	-----J----- 045-081 JACK/UNIT (ED5D506-22)-----										
		NC			000						
		NC			001						
		NC	G3	PD	002	0GRD0450	041-000	UNIT	04-081-002	(X)	
	036-063-003	OPCSL300	G3	PD00	003	OPCSL300	041-000	UNIT	04-081-003	209	
	036-063-004	OPCSL310	G3	PD01	004	OPCSL310	041-000	UNIT	04-081-004	209	
	036-063-005	OPCSL320	G3	PD02	005	OPCSL320	041-000	UNIT	04-081-005	209	
	036-063-006	OPCSL330	G3	PD03	006	OPCSL330	041-000	UNIT	04-081-006	209	
	036-063-007	SPARE033	G3	PD04	007	SPARE033	041-000	UNIT	04-081-007	209	
	036-063-008	SPARE034	G3	PD05	008	SPARE034	041-000	UNIT	04-081-008	209	
	036-063-009	SPARE035	G3	PD06	009	SPARE035	041-000	UNIT	04-081-009	209	
	036-063-010	SPARE036	G3	PD07	010	SPARE036	041-000	UNIT	04-081-010	209	
		NC	G3	PD	011	0GRD0450	041-000	UNIT	04-081-011	(X)	
	F	-----J----- 045-081 JACK/UNIT (ED5D506-22)-----									
			NC			000					
			NC			001					
		NC	G3	PD	002	0GRD0450	041-000	UNIT	04-081-002	(X)	
036-063-003		OPCSL300	G3	PD00	003	OPCSL300	041-000	UNIT	04-081-003	209	
036-063-004		OPCSL310	G3	PD01	004	OPCSL310	041-000	UNIT	04-081-004	209	
036-063-005		OPCSL320	G3	PD02	005	OPCSL320	041-000	UNIT	04-081-005	209	
036-063-006		OPCSL330	G3	PD03	006	OPCSL330	041-000	UNIT	04-081-006	209	
036-063-007		SPARE033	G3	PD04	007	SPARE033	041-000	UNIT	04-081-007	209	
036-063-008		SPARE034	G3	PD05	008	SPARE034	041-000	UNIT	04-081-008	209	
036-063-009		SPARE035	G3	PD06	009	SPARE035	041-000	UNIT	04-081-009	209	
036-063-010		SPARE036	G3	PD07	010	SPARE036	041-000	UNIT	04-081-010	209	
		NC	G3	PD	011	0GRD0450	041-000	UNIT	04-081-011	(X)	
G		AP FIG 2 CAD 070 1 IQM DATA COMMUNITY 1									
		TO CONNECTION				FROM CONNECTION				OPT	NOTE
		DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
H	-----J----- 145-070 JACK/UNIT (ED5D504-22)-----										
		NC			045						
		NC			046						
		1DMAD111	G1	PA00	048	1GRD1453	141-000	UNIT	04-070-047	(X)	
	153-070-015	1DMAD131	G1	PA01	049	1DMAD111	141-000	UNIT	04-070-048	209	
	153-070-017	1DMAD151	G1	PA02	050	1DMAD131	141-000	UNIT	04-070-049	209	
	153-070-018	1DMAD171	G1	PA03	051	1DMAD151	141-000	UNIT	04-070-050	209	
	153-070-019	SPARE046	G1	PA04	052	1DMAD171	141-000	UNIT	04-070-051	209	
	153-070-020	SPARE086	G1	PA05	053	SPARE046	141-000	UNIT	04-070-052	209	
	153-070-021					SPARE086	141-000	UNIT	04-070-053	209	
	153-070-022										

AP FIG 2 CAD 070

1 IOMI DATA COMMUNITY 1

AP FIG 2 CAD 070

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				145-070 (CONT'D)	JACK/UNIT	(ED5D506-22)	.....		
153-070-022	1INT110	G1	PA06	054	1INT110	141-000	UNIT	04-070-054	209
153-070-023	1INT130	G1	PA07	055	1INT130	141-000	UNIT	04-070-055	209
	NC	G1	PA	056	1GRD1453	141-000	UNIT	04-070-056	(X) 209
.....J				153-070	JACK/UNIT	(ED5D506-22)	.....		
	NC	G1	PB	013	1GRD1533	149-000	UNIT	04-070-013	
	NC			015					
145-070-048	1DMAD111	G1	PB00	016	1DMAD111	149-000	UNIT	04-070-016	209
145-070-049	1DMAD131	G1	PB01	017	1DMAD131	149-000	UNIT	04-070-017	209
145-070-050	1DMAD151	G1	PB02	018	1DMAD151	149-000	UNIT	04-070-018	209
145-070-051	1DMAD171	G1	PB03	019	1DMAD171	149-000	UNIT	04-070-019	209
145-070-052	SPARE046	G1	PB04	020	SPARE046	149-000	UNIT	04-070-020	209
145-070-053	SPARE086	G1	PB05	021	SPARE086	149-000	UNIT	04-070-021	209
145-070-054	1INT110	G1	PB06	022	1INT110	149-000	UNIT	04-070-022	209
145-070-055	1INT130	G1	PB07	023	1INT130	149-000	UNIT	04-070-023	209
	NC	G1	PB	024	1GRD1533	149-000	UNIT	04-070-024	
.....J				145-071	JACK/UNIT	(ED5D506-22)	.....		
	NC			045					
	NC	G1	PC	047	1GRD1453	141-000	UNIT	04-071-047	(X) 209
153-071-015	1DMAD101	G1	PC00	048	1DMAD101	141-000	UNIT	04-071-048	209
153-071-017	1DMAD121	G1	PC01	049	1DMAD121	141-000	UNIT	04-071-049	209
153-071-018	1DMAD141	G1	PC02	050	1DMAD141	141-000	UNIT	04-071-050	209
153-071-019	1DMAD161	G1	PC03	051	1DMAD161	141-000	UNIT	04-071-051	209
153-071-020	1DMAD181	G1	PC04	052	1DMAD181	141-000	UNIT	04-071-052	209
153-071-021	SPARE047	G1	PC05	053	SPARE047	141-000	UNIT	04-071-053	209
153-071-022	1INT100	G1	PC06	054	1INT100	141-000	UNIT	04-071-054	209
153-071-023	1INT120	G1	PC07	055	1INT120	141-000	UNIT	04-071-055	209
	NC	G1	PC	056	1GRD1453	141-000	UNIT	04-071-056	(X) 209
.....J				153-071	JACK/UNIT	(ED5D506-22)	.....		
	NC	G1	PD	013	1GRD1533	149-000	UNIT	04-071-013	
	NC			015					
145-071-048	1DMAD101	G1	PD00	016	1DMAD101	149-000	UNIT	04-071-016	209
145-071-049	1DMAD121	G1	PD01	017	1DMAD121	149-000	UNIT	04-071-017	209
145-071-050	1DMAD141	G1	PD02	018	1DMAD141	149-000	UNIT	04-071-018	209
145-071-051	1DMAD161	G1	PD03	019	1DMAD161	149-000	UNIT	04-071-019	209
145-071-052	1DMAD181	G1	PD04	020	1DMAD181	149-000	UNIT	04-071-020	209
145-071-053	SPARE047	G1	P 05	021	SPARE047	149-000	UNIT	04-071-021	209
145-071-054	1INT100	G1	PD06	022	1INT100	149-000	UNIT	04-071-022	209
145-071-055	1INT120	G1	PD07	023	1INT120	149-000	UNIT	04-071-023	209
	NC	G1	PD	024	1GRD1533	149-000	UNIT	04-071-024	
AP FIG 2 CAD 071									
: 10M ADDRESS COMMUNITY 1									
TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				145-070	JACK/UNIT	(ED5D506-22)	.....		
	NC			032					
	NC	G1	PA	034	1GRD1452	141-000	UNIT	04-070-034	(X) 209
153-070-003	1DMA1011	G1	PA00	035	1DMA1011	141-000	UNIT	04-070-035	209
153-070-004	1DMA1031	G1	PA01	036	1DMA1031	141-000	UNIT	04-070-036	209
153-070-005	1DMA1051	G1	PA02	037	1DMA1051	141-000	UNIT	04-070-037	209
153-070-006	1DMA1071	G1	PA03	038	1DMA1071	141-000	UNIT	04-070-038	209
153-070-007	1DMA1091	G1	PA04	039	1DMA1091	141-000	UNIT	04-070-039	209
153-070-008	1DMA1111	G1	PA05	040	1DMA1111	141-000	UNIT	04-070-040	209
153-070-009	1DMA1131	G1	PA06	041	1DMA1131	141-000	UNIT	04-070-041	209
153-070-010	1DMA1151	G1	PA07	042	1DMA1151	141-000	UNIT	04-070-042	209
	NC	G1	PA	043	1GRD1452	141-000	UNIT	04-070-043	(X) 209
.....J				153-070	JACK/UNIT	(ED5D506-22)	.....		
	NC	G1	PB	000	1GRD1532	149-000	UNIT	04-070-000	
	NC			002					
145-070-035	1DMA1011	G1	PB00	003	1DMA1011	149-000	UNIT	04-070-003	209
145-070-036	1DMA1031	G1	PB01	004	1DMA1031	149-000	UNIT	04-070-004	209

AP FIG 2 CAD 072

(CONT'D)

TO CONNECTION					FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE			
.....J										153-062	JACK/UNIT (EDSD506-22).....	
	NC	G1	P8	013	1GRD1531	149-000	UNIT	04-062-013	209			
	NC			014								
	NC			015								
145-070-016	1CSA100	G1	P800	016	1CSA100	149-000	UNIT	04-062-016	209			
145-070-017	1CSA110	G1	P801	017	1CSA110	149-000	UNIT	04-062-017	209			
145-070-018	1CSA120	G1	P802	018	1CSA120	149-000	UNIT	04-062-018	209			
145-070-019	1CSA130	G1	P803	019	1CSA130	149-000	UNIT	04-062-019	209			
145-070-020	1CLRPC10	G1	P804	020	1CLRPC10	149-000	UNIT	04-062-020	209			
145-070-021	1SISL810	G1	P805	021	1SISL810	149-000	UNIT	04-062-021	209			
145-070-022	1SR110	G1	P806	022	1SR110	149-000	UNIT	04-062-022	209			
145-070-023	1SR130	G1	P807	023	1SR130	149-000	UNIT	04-062-023	209			
	NC	G1	P8	024	1GRD1531	149-000	UNIT	04-062-024	209			
.....J										145-071	JACK/UNIT (EDSD506-22).....	
	NC			013								
	NC			014								
	NC	G1	PC	015	1GRD1451	141-000	UNIT	04-071-015	(X) 209			
153-063-016	1DMAH10	G1	PC00	016	1DMAH10	141-000	UNIT	04-071-016	209			
153-063-017	1DMARD10	G1	PC01	017	1DMARD10	141-000	UNIT	04-071-017	209			
153-063-018	1DMAAC10	G1	PC02	018	1DMAAC10	141-000	UNIT	04-071-018	209			
153-063-019	1DMARG10	G1	PC03	019	1DMARG10	141-000	UNIT	04-071-019	209			
153-063-020	1CINT10	G1	PC04	020	1CINT10	141-000	UNIT	04-071-020	209			
153-063-021	1RISL810	G1	PC05	021	1RISL810	141-000	UNIT	04-071-021	209			
153-063-022	1SR100	G1	PC06	022	1SR100	141-000	UNIT	04-071-022	209			
153-063-023	1SR120	G1	PC07	023	1SR120	141-000	UNIT	04-071-023	209			
	NC	G1	PC	024	1GRD1451	141-000	UNIT	04-071-024	(X) 209			
.....J										153-063	JACK/UNIT (EDSD506-22).....	
	NC	G1	PD	013	1GRD1531	149-000	UNIT	04-063-013	209			
	NC			014								
	NC			015								
145-071-016	1DMAH10	G1	PD00	016	1DMAH10	149-000	UNIT	04-063-016	209			
145-071-017	1DMARD10	G1	PD01	017	1DMARD10	149-000	UNIT	04-063-017	209			
145-071-018	1DMAAC10	G1	PD02	018	1DMAAC10	149-000	UNIT	04-063-018	209			
145-071-019	1DMARG10	G1	PD03	019	1DMARG10	149-000	UNIT	04-063-019	209			
145-071-020	1CINT10	G1	PD04	020	1CINT10	149-000	UNIT	04-063-020	209			
145-071-021	1RISL810	G1	PD05	021	1RISL810	149-000	UNIT	04-063-021	209			
145-071-022	1SR100	G1	PD06	022	1SR100	149-000	UNIT	04-063-022	209			
145-071-023	1SR120	G1	PD07	023	1SR120	149-000	UNIT	04-063-023	209			
	NC	G1	PD	024	1GRD1531	149-000	UNIT	04-063-024	209			

AP FIG 2 CAD 073

1 COM SERVICE COMMUNITY 1

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
-----J					145-070	JACK/UNIT	(EDSD506-22).....				
	NC			000							
	NC	G1	PA	002	1GRD1450	141-000	UNIT	04-070-002	(X) 209		
153-062-003	SPARE048	G1	PA00	003	SPARE048	141-000	UNIT	04-070-003	209		
153-062-004	SPARE049	G1	PA01	004	SPARE049	141-000	UNIT	04-070-004	209		
153-062-005	SPARE050	G1	PA02	005	SPARE050	141-000	UNIT	04-070-005	209		
153-062-006	10DL10	G1	PA03	006	10DL10	141-000	UNIT	04-070-006	209		
153-062-007	1ER100	G1	PA04	007	1ER100	141-000	UNIT	04-070-007	209		
153-062-008	1ER110	G1	PA05	008	1ER110	141-000	UNIT	04-070-008	209		
153-062-009	1ER120	G1	PA06	009	1ER120	141-000	UNIT	04-070-009	209		
153-062-010	1ER130	G1	PA07	010	1ER130	141-000	UNIT	04-070-010	209		
	NC	G1	PA	011	1GRD1450	141-000	UNIT	04-070-011	(X) 209		
-----J					153-062	JACK/UNIT	(EDSD506-22).....				
	NC	G1	P8	000	1GRD1530	149-000	UNIT	04-062-000	209		
	NC			002							
145-070-003	SPARE048	G1	P800	003	SPARE048	149-000	UNIT	04-062-003	209		
145-070-004	SPARE049	G1	P801	004	SPARE049	149-000	UNIT	04-062-004	209		
145-070-005	SPARE050	G1	P802	005	SPARE050	149-000	UNIT	04-062-005	209		
145-070-006	10DL10	G1	P803	006	10DL10	149-000	UNIT	04-062-006	209		
145-070-007	1ER100	G1	P804	007	1ER100	149-000	UNIT	04-062-007	209		
145-070-008	1ER110	G1	P805	008	1ER110	149-000	UNIT	04-062-008	209		
145-070-009	1ER120	G1	P806	009	1ER120	149-000	UNIT	04-062-009	209		

AP FIG 2 CAD 073

(CONT'D)

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
-----J					153-062 (CONT'D)	JACK/UNIT	(EDSD506-22).....				
145-070-010	1ER130	G1	P807	010	1ER130	149-000	UNIT	04-062-010	209		
	NC	G1	P8	011	1GRD1530	149-000	UNIT	04-062-011	209		
-----J					145-071	JACK/UNIT	(EDSD506-22).....				
	NC			000							
	NC			002							
153-063-003	1PCSL100	G1	PC	002	1GRD1450	141-000	UNIT	04-071-002	(X) 209		
153-063-004	1PCSL110	G1	PC00	003	1PCSL100	141-000	UNIT	04-071-003	209		
153-063-005	1PCSL120	G1	PC01	004	1PCSL110	141-000	UNIT	04-071-004	209		
153-063-006	1PCSL130	G1	PC02	005	1PCSL120	141-000	UNIT	04-071-005	209		
153-063-007	SPARE051	G1	PC03	006	1PCSL130	141-000	UNIT	04-071-006	209		
153-063-008	SPARE052	G1	PC04	007	SPARE051	141-000	UNIT	04-071-007	209		
153-063-009	SPARE053	G1	PC05	008	SPARE052	141-000	UNIT	04-071-008	209		
153-063-010	SPARE054	G1	PC06	009	SPARE053	141-000	UNIT	04-071-009	209		
	NC	G1	PC07	010	SPARE054	141-000	UNIT	04-071-010	209		
		G1	PC	011	1GRD1450	141-000	UNIT	04-071-011	(X) 209		
-----J					153-063	JACK/UNIT	(EDSD506-22).....				
	NC	G1	PD	000	1GRD1530	149-000	UNIT	04-063-000	209		
	NC			002							
145-071-003	1PCSL100	G1	PD00	003	1PCSL100	149-000	UNIT	04-063-003	209		
145-071-004	1PCSL110	G1	PD01	004	1PCSL110	149-000	UNIT	04-063-004	209		
145-071-005	1PCSL120	G1	PD02	005	1PCSL120	149-000	UNIT	04-063-005	209		
145-071-006	1PCSL130	G1	PD03	006	1PCSL130	149-000	UNIT	04-063-006	209		
145-071-007	SPARE051	G1	PD04	007	SPARE051	149-000	UNIT	04-063-007	209		
145-071-008	SPARE052	G1	PD05	008	SPARE052	149-000	UNIT	04-063-008	209		
145-071-009	SPARE053	G1	PD06	009	SPARE053	149-000	UNIT	04-063-009	209		
145-071-010	SPARE054	G1	PD07	010	SPARE054	149-000	UNIT	04-063-010	209		
	NC	G1	PD	011	1GRD1530	149-000	UNIT	04-063-011	209		

AP FIG 2 CAD 074

1 COM DATA COMMUNITY 2

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
-----J					128-070	JACK/UNIT	(ED50506-22)-----				
	NC	G2	PA	013	1GRD1283	124-000	UNIT	04-070-013			
	NC			014							
	NC			015							
145-078-048	1DMAD211	G2	PA00	016	1DMAD211	124-000	UNIT	04-070-016	209		
145-078-049	1DMAD231	G2	PA01	017	1DMAD231	124-000	UNIT	04-070-017	209		
145-078-050	1DMAD251	G2	PA02	018	1DMAD251	124-000	UNIT	04-070-018	209		
145-078-051	1DMAD271	G2	PA03	019	1DMAD271	124-000	UNIT	04-070-019	209		
145-078-052	SPARE055	G2	PA04	020	SPARE055	124-000	UNIT	04-070-020	209		
145-078-053	SPARE087	G2	PA05	021	SPARE087	124-000	UNIT	04-070-021	209		
145-078-054	11NT210	G2	PA06	022	11NT210	124-000	UNIT	04-070-022	209		
145-078-055	11NT230	G2	PA07	023	11NT230	124-000	UNIT	04-070-023	209		
	NC	G2	PA	024	1GRD1283	124-000	UNIT	04-070-024			
-----J					145-078	JACK/UNIT	(ED50506-22)-----				
	NC			045							
	NC			046							
	NC	G2	P8	047	1GRD1453	141-000	UNIT	04-078-047	(X)		
128-070-016	1DMAD211	G2	P800	048	1DMAD211	141-000	UNIT	04-078-048	209		
128-070-017	1DMAD231	G2	P801	049	1DMAD231	141-000	UNIT	04-078-049	209		
128-070-018	1DMAD251	G2	P802	050	1DMAD251	141-000	UNIT	04-078-050	209		
128-070-019	1DMAD271	G2	P803	051	1DMAD271	141-000	UNIT	04-078-051	209		
128-070-020	SPARE055	G2	P804	052	SPARE055	141-000	UNIT	04-078-052	209		
128-070-021	SPARE087	G2	P805	053	SPARE087	141-000	UNIT	04-078-053	209		
128-070-022	11NT210	G2	P806	054	11NT210	141-000	UNIT	04-078-054	209		
128-070-023	11NT230	G2	P807	055	11NT230	141-000	UNIT	04-078-055	209		
	NC	G2	P8	056	1GRD1453	141-000	UNIT	04-078-056	(X)		
-----J					128-071	JACK/UNIT	(ED50506-22)-----				
	NC	G2	PC	013	1GRD1283	124-000	UNIT	04-071-013			
	NC			014							
	NC			015							

AP FIG 2 CAD 075
(CONT'D)

AP FIG 2 CAD 076
(CONT'D)

AP FIG 2 CAD 077
(CONT'D)

AP FIG 2 CAD 078
1 IOMI DATA COMMUNITY 3

AP FIG 2 CAD 077
1 IOMI SERVICE COMMUNITY 2

AP FIG 2 CAD 076
1 IOMI CONTROL COMMUNITY 2

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
128-071 JACK/UNIT (ED5D506-22)										128-063 JACK/UNIT (ED5D506-22)									
145-079-035	1DMA2001	G2	PC00	003	1GRD1282	124-000	UNIT	04-071-000		145-079-021	1R1SL820	G2	PC05	021	1R1SL820	124-000	UNIT	04-063-021	209
145-079-036	1DMA2021	G2	PC01	004	1DMA2021	124-000	UNIT	04-071-004	209	145-079-022	1SR200	G2	PC06	022	1SR200	124-000	UNIT	04-063-022	209
145-079-037	1DMA2041	G2	PC02	005	1DMA2041	124-000	UNIT	04-071-005	209	145-079-023	1SR220	G2	PC07	023	1SR220	124-000	UNIT	04-063-023	209
145-079-038	1DMA2061	G2	PC03	006	1DMA2061	124-000	UNIT	04-071-006	209										
145-079-039	1DMA2081	G2	PC04	007	1DMA2081	124-000	UNIT	04-071-007	209	145-079 JACK/UNIT (ED5D506-22)									
145-079-040	1DMA2101	G2	PC05	008	1DMA2101	124-000	UNIT	04-071-008	209	128-063-016	1DMAHR20	G2	PD00	016	1GRD1451	141-000	UNIT	04-079-016	(X) 209
145-079-041	1DMA2121	G2	PC06	009	1DMA2121	124-000	UNIT	04-071-009	209	128-063-017	1DMARD20	G2	PD01	017	1DMARD20	141-000	UNIT	04-079-017	209
145-079-042	1DMA2141	G2	PC07	010	1DMA2141	124-000	UNIT	04-071-010	209	128-063-018	1DMAOC20	G2	PD02	018	1DMAOC20	141-000	UNIT	04-079-018	209
					1GRD1282	124-000	UNIT	04-071-011	209	128-063-019	1DMARQ20	G2	PD03	019	1DMARQ20	141-000	UNIT	04-079-019	209
145-079 JACK/UNIT (ED5D506-22)										128-063-020	1CINT20	G2	PD04	020	1CINT20	141-000	UNIT	04-079-020	209
128-071-003	1DMA2001	G2	PD00	035	1GRD1452	141-000	UNIT	04-079-034	(X) 209	128-063-021	1R1SL820	G2	PD05	021	1R1SL820	141-000	UNIT	04-079-021	209
128-071-004	1DMA2021	G2	PD01	036	1DMA2021	141-000	UNIT	04-079-035	209	128-063-022	1SR200	G2	PD06	022	1SR200	141-000	UNIT	04-079-022	209
128-071-005	1DMA2041	G2	PD02	037	1DMA2041	141-000	UNIT	04-079-036	209	128-063-023	1SR220	G2	PD07	023	1SR220	141-000	UNIT	04-079-023	209
128-071-006	1DMA2061	G2	PD03	038	1DMA2061	141-000	UNIT	04-079-037	209										
128-071-007	1DMA2081	G2	PD04	039	1DMA2081	141-000	UNIT	04-079-038	209	145-079 JACK/UNIT (ED5D506-22)									
128-071-008	1DMA2101	G2	PD05	040	1DMA2101	141-000	UNIT	04-079-039	209	128-063-016	1DMAHR20	G2	PD00	016	1GRD1451	141-000	UNIT	04-079-016	(X) 209
128-071-009	1DMA2121	G2	PD06	041	1DMA2121	141-000	UNIT	04-079-040	209	128-063-017	1DMARD20	G2	PD01	017	1DMARD20	141-000	UNIT	04-079-017	209
128-071-010	1DMA2141	G2	PD07	042	1DMA2141	141-000	UNIT	04-079-041	209	128-063-018	1DMAOC20	G2	PD02	018	1DMAOC20	141-000	UNIT	04-079-018	209
					1GRD1452	141-000	UNIT	04-079-043	(X) 209	128-063-019	1DMARQ20	G2	PD03	019	1DMARQ20	141-000	UNIT	04-079-019	209
128-062 JACK/UNIT (ED5D506-22)										128-063-020	1CINT20	G2	PD04	020	1CINT20	141-000	UNIT	04-079-020	209
145-078-016	1CSA200	G2	PA00	016	1CSA200	124-000	UNIT	04-062-016	209	128-063-021	1R1SL820	G2	PD05	021	1R1SL820	141-000	UNIT	04-079-021	209
145-078-017	1CSA210	G2	PA01	017	1CSA210	124-000	UNIT	04-062-017	209	128-063-022	1SR200	G2	PD06	022	1SR200	141-000	UNIT	04-079-022	209
145-078-018	1CSA220	G2	PA02	018	1CSA220	124-000	UNIT	04-062-018	209	128-063-023	1SR220	G2	PD07	023	1SR220	141-000	UNIT	04-079-023	209
145-078-019	1CSA230	G2	PA03	019	1CSA230	124-000	UNIT	04-062-019	209										
145-078-020	1CLRPC20	G2	PA04	020	1CLRPC20	124-000	UNIT	04-062-020	209	145-078 JACK/UNIT (ED5D506-22)									
145-078-021	1S1SL820	G2	PA05	021	1S1SL820	124-000	UNIT	04-062-021	209	128-062-003	SPARE057	G2	PA00	003	SPARE057	124-000	UNIT	04-062-003	209
145-078-022	1SR210	G2	PA06	022	1SR210	124-000	UNIT	04-062-022	209	145-078-004	SPARE058	G2	PA01	004	SPARE058	124-000	UNIT	04-062-004	209
145-078-023	1SR230	G2	PA07	023	1SR230	124-000	UNIT	04-062-023	209	145-078-005	SPARE059	G2	PA02	005	SPARE059	124-000	UNIT	04-062-005	209
					1GRD1281	124-000	UNIT	04-062-024	209	145-078-006	100L20	G2	PA03	006	100L20	124-000	UNIT	04-062-006	209
145-078 JACK/UNIT (ED5D506-22)										145-078-007	1ER200	G2	PA04	007	1ER200	124-000	UNIT	04-062-007	209
128-062-016	1CSA200	G2	PB00	016	1CSA200	141-000	UNIT	04-078-016	(X) 209	145-078-008	1ER210	G2	PA05	008	1ER210	124-000	UNIT	04-062-008	209
128-062-017	1CSA210	G2	PB01	017	1CSA210	141-000	UNIT	04-078-017	209	145-078-009	1ER220	G2	PA06	009	1ER220	124-000	UNIT	04-062-009	209
128-062-018	1CSA220	G2	PB02	018	1CSA220	141-000	UNIT	04-078-018	209	145-078-010	1ER230	G2	PA07	010	1ER230	124-000	UNIT	04-062-010	209
128-062-019	1CSA230	G2	PB03	019	1CSA230	141-000	UNIT	04-078-019	209										
128-062-020	1CLRPC20	G2	PB04	020	1CLRPC20	141-000	UNIT	04-078-020	209	145-078 JACK/UNIT (ED5D506-22)									
128-062-021	1S1SL820	G2	PB05	021	1S1SL820	141-000	UNIT	04-078-021	209	128-062-003	SPARE057	G2	PB00	003	SPARE057	141-000	UNIT	04-078-003	(X) 209
128-062-022	1SR210	G2	PB06	022	1SR210	141-000	UNIT	04-078-022	209	128-062-004	SPARE058	G2	PB01	004	SPARE058	141-000	UNIT	04-078-004	209
128-062-023	1SR230	G2	PB07	023	1SR230	141-000	UNIT	04-078-023	209	128-062-005	SPARE059	G2	PB02	005	SPARE059	141-000	UNIT	04-078-005	209
					1GRD1451	141-000	UNIT	04-078-024	(X) 209	128-062-006	100L20	G2	PB03	006	100L20	141-000	UNIT	04-078-006	209
128-063 JACK/UNIT (ED5D506-22)										128-062-007	1ER200	G2	PB04	007	1ER200	141-000	UNIT	04-078-007	209
145-079-016	1DMAHR20	G2	PC00	016	1DMAHR20	124-000	UNIT	04-063-016	209	128-062-008	1ER210	G2	PB05	008	1ER210	141-000	UNIT	04-078-008	209
145-079-017	1DMARD20	G2	PC01	017	1DMARD20	124-000	UNIT	04-063-017	209	128-062-009	1ER220	G2	PB06	009	1ER220	141-000	UNIT	04-078-009	209
145-079-018	1DMAOC20	G2	PC02	018	1DMAOC20	124-000	UNIT	04-063-018	209	128-062-010	1ER230	G2	PB07	010	1ER230	141-000	UNIT	04-078-010	209
145-079-019	1DMARQ20	G2	PC03	019	1DMARQ20	124-000	UNIT	04-063-019	209										
145-079-020	1CINT20	G2	PC04	020	1CINT20	124-000	UNIT	04-063-020	209	128-063 JACK/UNIT (ED5D506-22)									
										145-079-003	1PCSL200	G2	PC00	003	1PCSL200	124-000	UNIT	04-063-003	209
128-063 JACK/UNIT (ED5D506-22)										145-079-004	1PCSL210	G2	PC01	004	1PCSL210	124-000	UNIT	04-063-004	209
145-079-016	1DMAHR20	G2	PC00	016	1DMAHR20	124-000	UNIT	04-063-016	209	145-079-005	1PCSL220	G2	PC02	005	1PCSL220	124-000	UNIT	04-063-005	209
145-079-017	1DMARD20	G2	PC01	017	1DMARD20	124-000	UNIT	04-063-017	209	145-079-006	1PCSL230	G2	PC03	006	1PCSL230	124-000	UNIT	04-063-006	209
145-079-018	1DMAOC20	G2	PC02	018	1DMAOC20	124-000	UNIT	04-063-018	209	145-079-007	SPARE060	G2	PC04	007	SPARE060	124-000	UNIT	04-063-007	209
145-079-019	1DMARQ20	G2	PC03	019	1DMARQ20	124-000	UNIT	04-063-019	209	145-079-008	SPARE061	G2	PC05	008	SPARE061	124-000	UNIT	04-063-008	209
145-079-020	1CINT20	G2	PC04	020	1CINT20	124-000	UNIT	04-063-020	209	145-079-009	SPARE062	G2	PC06	009	SPARE062	124-000	UNIT	04-063-009	209
										145-079-010	SPARE063	G2	PC07	010	SPARE063	124-000	UNIT	04-063-010	209
128-063 JACK/UNIT (ED5D506-22)																			
145-079-016	1DMAHR20	G2	PC00	016	1DMAHR20	124-000	UNIT	04-063-016	209										
145-079-017	1DMARD20	G2	PC01	017	1DMARD20	124-000	UNIT	04-063-017	209										
145-079-018	1DMAOC20	G2	PC02	018	1DMAOC20	124-000	UNIT	04-063-018	209										
145-079-019	1DMARQ20	G2	PC03	019	1DMARQ20	124-000	UNIT	04-063-019	209										
145-079-020	1CINT20	G2	PC04	020	1CINT20	124-000	UNIT	04-063-020	209										

MESSAGE SWITCH CABINET

DWG SIZE

AP FIG 2 CAD 078
(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				136-071	JACK/UNIT (ED5D506-22).....				
	NC	G3	PC	013	1GRD1363	132-000	UNIT	04-071-013	
	NC			014					
	NC			015					
145-081-048	1DMA301	G3	PC00	016	1DMA301	132-000	UNIT	04-071-016	209
145-081-049	1DMA321	G3	PC01	017	1DMA321	132-000	UNIT	04-071-017	209
145-081-050	1DMA341	G3	PC02	018	1DMA341	132-000	UNIT	04-071-018	209
145-081-051	1DMA361	G3	PC03	019	1DMA361	132-000	UNIT	04-071-019	209
145-081-052	1DMA381	G3	PC04	020	1DMA381	132-000	UNIT	04-071-020	209
145-081-053	SPARE065	G3	PC05	021	SPARE065	132-000	UNIT	04-071-021	209
145-081-054	1INT300	G3	PC06	022	1INT300	132-000	UNIT	04-071-022	209
145-081-055	1INT320	G3	PC07	023	1INT320	132-000	UNIT	04-071-023	209
	NC	G3	PC	024	1GRD1363	132-000	UNIT	04-071-024	
.....J				145-081	JACK/UNIT (ED5D506-22).....				
	NC			045					
	NC			046					
	NC			047	1GRD1453	141-000	UNIT	04-081-047	(X)
136-071-016	1DMA301	G3	PD00	048	1DMA301	141-000	UNIT	04-081-048	209
136-071-017	1DMA321	G3	PD01	049	1DMA321	141-000	UNIT	04-081-049	209
136-071-018	1DMA341	G3	PD02	050	1DMA341	141-000	UNIT	04-081-050	209
136-071-019	1DMA361	G3	PD03	051	1DMA361	141-000	UNIT	04-081-051	209
136-071-020	1DMA381	G3	PD04	052	1DMA381	141-000	UNIT	04-081-052	209
136-071-021	SPARE065	G3	PD05	053	SPARE065	141-000	UNIT	04-081-053	209
136-071-022	1INT300	G3	PD06	054	1INT300	141-000	UNIT	04-081-054	209
136-071-023	1INT320	G3	PD07	055	1INT320	141-000	UNIT	04-081-055	209
	NC	G3	PD	056	1GRD1453	141-000	UNIT	04-081-056	(X)

AP FIG 2 CAD 079
1 DMI ADDRESS COMMUNITY 3

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....J					136-070					JACK/UNIT (ED5D506-22).....	
	NC	G3	PA	000	1GRD1362	132-000	UNIT	04-070-000			
	NC			001							
	NC			002							
145-080-035	1DMA3011	G3	PA00	003	1DMA3011	132-000	UNIT	04-070-003		209	
145-080-036	1DMA3031	G3	PA01	004	1DMA3031	132-000	UNIT	04-070-004		209	
145-080-037	1DMA3051	G3	PA02	005	1DMA3051	132-000	UNIT	04-070-005		209	
145-080-038	1DMA3071	G3	PA03	006	1DMA3071	132-000	UNIT	04-070-006		209	
145-080-039	1DMA3091	G3	PA04	007	1DMA3091	132-000	UNIT	04-070-007		209	
145-080-040	1DMA3111	G3	PA05	008	1DMA3111	132-000	UNIT	04-070-008		209	
145-080-041	1DMA3131	G3	PA06	009	1DMA3131	132-000	UNIT	04-070-009		209	
145-080-042	1DMA3151	G3	PA07	010	1DMA3151	132-000	UNIT	04-070-010		209	
	NC	G3	PA	011	1GRD1362	132-000	UNIT	04-070-011			
.....J					145-080					JACK/UNIT (ED5D506-22).....	
	NC			032							
	NC			033							
	NC	G3	PB	034	1GRD1452	141-000	UNIT	04-080-034	(X)		
136-070-003	1DMA3011	G3	PB00	035	1DMA3011	141-000	UNIT	04-080-035		209	
136-070-004	1DMA3031	G3	PB01	036	1DMA3031	141-000	UNIT	04-080-036		209	
136-070-005	1DMA3051	G3	PB02	037	1DMA3051	141-000	UNIT	04-080-037		209	
136-070-006	1DMA3071	G3	PB03	038	1DMA3071	141-000	UNIT	04-080-038		209	
136-070-007	1DMA3091	G3	PB04	039	1DMA3091	141-000	UNIT	04-080-039		209	
136-070-008	1DMA3111	G3	PB05	040	1DMA3111	141-000	UNIT	04-080-040		209	
136-070-009	1DMA3131	G3	PB06	041	1DMA3131	141-000	UNIT	04-080-041		209	
136-070-010	1DMA3151	G3	PB07	042	1DMA3151	141-000	UNIT	04-080-042		209	
	NC	G3	PB	043	1GRD1452	141-000	UNIT	04-080-043	(X)		
.....J					136-071					JACK/UNIT (ED5D506-22).....	
	NC	G3	PC	000	1GRD1362	132-000	UNIT	04-071-000			
	NC			001							
	NC			002							
145-081-035	1DMA3001	G3	PC00	003	1DMA3001	132-000	UNIT	04-071-003		209	
145-081-036	1DMA3021	G3	PC01	004	1DMA3021	132-000	UNIT	04-071-004		209	
145-081-037	1DMA3041	G3	PC02	005	1DMA3041	132-000	UNIT	04-071-005		209	
145-081-038	1DMA3061	G3	PC03	006	1DMA3061	132-000	UNIT	04-071-006		209	
145-081-039	1DMA3081	G3	PC04	007	1DMA3081	132-000	UNIT	04-071-007		209	

AP FIG 2 CAD 079
(CONT'D)

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
-----J					136-071 (CONT'D)	JACK/UNIT	(ED5D506-22)	-----			
145-081-040	1DMA3101	G3	PC05	008	1DMA3101	132-000	UNIT	04-071-008	209		
145-081-041	1DMA3121	G3	PC06	009	1DMA3121	132-000	UNIT	04-071-009	209		
145-081-042	1DMA3141	G3	PC07	010	1DMA3141	132-000	UNIT	04-071-010	209		
	NC	G3	PC	011	1GRD1362	132-000	UNIT	04-071-011			
-----J					145-081	JACK/UNIT	(ED5D506-22)	-----			
	NC			032							
	NC			033							
	NC			034	1GRD1452	141-000	UNIT	04-081-034	(X)		
136-071-003	1DMA3001	G3	PD00	035	1DMA3001	141-000	UNIT	04-081-035	209		
136-071-004	1DMA3021	G3	PD01	036	1DMA3021	141-000	UNIT	04-081-036	209		
136-071-005	1DMA3041	G3	PD02	037	1DMA3041	141-000	UNIT	04-081-037	209		
136-071-006	1DMA3061	G3	PD03	038	1DMA3061	141-000	UNIT	04-081-038	209		
136-071-007	1DMA3081	G3	PD04	039	1DMA3081	141-000	UNIT	04-081-039	209		
136-071-008	1DMA3101	G3	PD05	040	1DMA3101	141-000	UNIT	04-081-040	209		
136-071-009	1DMA3121	G3	PD06	041	1DMA3121	141-000	UNIT	04-081-041	209		
136-071-010	1DMA3141	G3	PD07	042	1DMA3141	141-000	UNIT	04-081-042	209		
	NC	G3	PD	043	1GRD1452	141-000	UNIT	04-081-043	(X)		

AP FIG 2 CAD 080
1 DMI CONTROL COMMUNITY 3

TO CONNECTION				FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....J				136-062	JACK/UNIT	(ED5D506-22).....					
	NC	G3	PA	013	1GRD1361	132-000	UNIT	04-062-013			
	NC			014							
	NC			015							
145-080-016	1CSA300	G3	PA00	016	1CSA300	132-000	UNIT	04-062-016	209		
145-080-017	1CSA310	G3	PA01	017	1CSA310	132-000	UNIT	04-062-017	209		
145-080-018	1CSA320	G3	PA02	018	1CSA320	132-000	UNIT	04-062-018	209		
145-080-019	1CSA330	G3	PA03	019	1CSA330	132-000	UNIT	04-062-019	209		
145-080-020	1CLRPC30	G3	PA04	020	1CLRPC30	132-000	UNIT	04-062-020	209		
145-080-021	1SL830	G3	PA05	021	1SL830	132-000	UNIT	04-062-021	209		
145-080-022	1SR310	G3	PA06	022	1SR310	132-000	UNIT	04-062-022	209		
145-080-023	1SR330	G3	PA07	023	1SR330	132-000	UNIT	04-062-023	209		
	NC	G3	PA	024	1GRD1361	132-000	UNIT	04-062-024			
.....J				145-080	JACK/UNIT	(ED5D506-22).....					
	NC			013							
	NC			014							
	NC			015							
136-062-016	1CSA300	G3	PB00	016	1GRD1451	141-000	UNIT	04-080-015	(X)		
136-062-017	1CSA310	G3	PB01	017	1CSA300	141-000	UNIT	04-080-016	209		
136-062-018	1CSA320	G3	PB02	018	1CSA310	141-000	UNIT	04-080-017	209		
136-062-019	1CSA330	G3	PB03	019	1CSA320	141-000	UNIT	04-080-018	209		
136-062-020	1CLRPC30	G3	PB04	020	1CSA330	141-000	UNIT	04-080-019	209		
136-062-021	1SL830	G3	PB05	021	1CLRPC30	141-000	UNIT	04-080-020	209		
136-062-022	1SR310	G3	PB06	022	1SL830	141-000	UNIT	04-080-021	209		
136-062-023	1SR330	G3	PB07	023	1SR310	141-000	UNIT	04-080-022	209		
	NC	G3	PB	024	1SR330	141-000	UNIT	04-080-023	209		
					1GRD1451	141-000	UNIT	04-080-024	(X)		
.....J				136-063	JACK/UNIT	(ED5D506-22).....					
	NC	G3	PC	013	1GRD1361	132-000	UNIT	04-063-013			
	NC			014							
	NC			015							
145-081-016	1DMA300	G3	PC00	016	1DMA300	132-000	UNIT	04-063-016	209		
145-081-017	1DMA320	G3	PC01	017	1DMA320	132-000	UNIT	04-063-017	209		
145-081-018	1DMA330	G3	PC02	018	1DMA330	132-000	UNIT	04-063-018	209		
145-081-019	1DMA340	G3	PC03	019	1DMA340	132-000	UNIT	04-063-019	209		
145-081-020	1CINT30	G3	PC04	020	1CINT30	132-000	UNIT	04-063-020	209		
145-081-021	1RL830	G3	PC05	021	1RL830	132-000	UNIT	04-063-021	209		
145-081-022	1SR300	G3	PC06	022	1SR300	132-000	UNIT	04-063-022	209		
145-081-023	1SR320	G3	PC07	023	1SR320	132-000	UNIT	04-063-023	209		
	NC	G3	PC	024	1GRD1361	132-000	UNIT	04-063-024			

AP FIG 2 CAD 081
(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J 136-063 JACK/UNIT (ED50506-22).....									
	NC	G3	PC	000	1GRD1360	132-000 UNIT	04-063-000		
	NC			001					
	NC			002					
145-081-003	1PCSL300	G3	PC00	003	1PCSL300	132-000 UNIT	04-063-003		209
145-081-004	1PCSL310	G3	PC01	004	1PCSL310	132-000 UNIT	04-063-004		209
145-081-005	1PCSL320	G3	PC02	005	1PCSL320	132-000 UNIT	04-063-005		209
145-081-006	1PCSL330	G3	PC03	006	1PCSL330	132-000 UNIT	04-063-006		209
145-081-007	SPARE069	G3	PC04	007	SPARE069	132-000 UNIT	04-063-007		209
145-081-008	SPARE070	G3	PC05	008	SPARE070	132-000 UNIT	04-063-008		209
145-081-009	SPARE071	G3	PC06	009	SPARE071	132-000 UNIT	04-063-009		209
145-081-010	SPARE072	G3	PC07	010	SPARE072	132-000 UNIT	04-063-010		209
	NC	G3	PC	011	1GRD1360	132-000 UNIT	04-063-011		

.....J 145-081 JACK/UNIT (ED50504-22).....									
	NC			000					
	NC			001					
	NC	G3	PD	002	1GRD1450	141-000 UNIT	04-081-002	(X)	
136-063-003	1PCSL300	G3	PD00	003	1PCSL300	141-000 UNIT	04-081-003		209
136-063-004	1PCSL310	G3	PD01	004	1PCSL310	141-000 UNIT	04-081-004		209
136-063-005	1PCSL320	G3	PD02	005	1PCSL320	141-000 UNIT	04-081-005		209
136-063-006	1PCSL330	G3	PD03	006	1PCSL330	141-000 UNIT	04-081-006		209
136-063-007	SPARE069	G3	PD04	007	SPARE069	141-000 UNIT	04-081-007		209
136-063-008	SPARE070	G3	PD05	008	SPARE070	141-000 UNIT	04-081-008		209
136-063-009	SPARE071	G3	PD06	009	SPARE071	141-000 UNIT	04-081-009		209
136-063-010	SPARE072	G3	PD07	010	SPARE072	141-000 UNIT	04-081-010		209
	NC	G3	PD	011	1GRD1450	141-000 UNIT	04-081-011	(X)	

AP FIG 2 CAD 084
MSCU-0 SERIAL LINK A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS13 045-176 JACK/UNIT (ED50506-30).....									
TO 3B DMA 0	0GRD0450	G13		006	0GRD0450	041-000 UNIT	04-176-006	(X)	
	0CLK00N	G13	P000	007	0CLK00N	041-000 UNIT	04-176-007		
	0XCLK01N	G13	P001	008	0XCLK01N	041-000 UNIT	04-176-008		
	0DAL0BN	G13	P002	009	0DAL0BN	041-000 UNIT	04-176-009		
	0DAH0BN	G13	P003	010	0DAH0BN	041-000 UNIT	04-176-010		
	0REG0BN	G13	P004	011	0REG0BN	041-000 UNIT	04-176-011		
	0CLK00P	G13	P000	106	0CLK00P	041-000 UNIT	04-176-106		
	0XCLK01P	G13	P001	107	0XCLK01P	041-000 UNIT	04-176-107		
	0DAL0BP	G13	P002	108	0DAL0BP	041-000 UNIT	04-176-108		
	0DAH0BP	G13	P003	109	0DAH0BP	041-000 UNIT	04-176-109		
	0REG0BP	G13	P004	110	0REG0BP	041-000 UNIT	04-176-110		
	0GRD0451	G13		111	0GRD0451	041-000 UNIT	04-176-111	(X)	

AP FIG 2 CAD 085
MSCU-0 SERIAL LINK B

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS15 045-176 JACK/UNIT (ED50506-30).....									
TO 3R DMA 1	0GRD0452	G15		206	0GRD0452	041-000 UNIT	04-176-206	(X)	
	0CLK10N	G15	P000	207	0CLK10N	041-000 UNIT	04-176-207		
	0XCLK11N	G15	P001	208	0XCLK11N	041-000 UNIT	04-176-208		
	0DAL1BN	G15	P002	209	0DAL1BN	041-000 UNIT	04-176-209		
	0DAH1BN	G15	P003	210	0DAH1BN	041-000 UNIT	04-176-210		
	0REG1BN	G15	P004	211	0REG1BN	041-000 UNIT	04-176-211		
	0CLK10P	G15	P000	306	0CLK10P	041-000 UNIT	04-176-306		
	0XCLK11P	G15	P001	307	0XCLK11P	041-000 UNIT	04-176-307		
	0DAL1BP	G15	P002	308	0DAL1BP	041-000 UNIT	04-176-308		
	0DAH1BP	G15	P003	309	0DAH1BP	041-000 UNIT	04-176-309		

AP FIG 2 CAD 085
(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS15 045-176 JACK/UNIT (ED50506-30).....									
	0REG1BP	G15	P004	310	0REG1BP	041-000 UNIT	04-176-310		
	0GRD0453	G15		311	0GRD0453	041-000 UNIT	04-176-311	(X)	

AP FIG 2 CAD 086
MSCU-1 SERIAL LINK A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS14 145-176 JACK/UNIT (ED50506-30).....									
TO 3B DMA 0	1GRD1450	G14		006	1GRD1450	141-000 UNIT	04-176-006	(X)	
	1CLK00N	G14	P000	007	1CLK00N	141-000 UNIT	04-176-007		
	1XCLK01N	G14	P001	008	1XCLK01N	141-000 UNIT	04-176-008		
	1DAL0BN	G14	P002	009	1DAL0BN	141-000 UNIT	04-176-009		
	1DAH0BN	G14	P003	010	1DAH0BN	141-000 UNIT	04-176-010		
	1REG0BN	G14	P004	011	1REG0BN	141-000 UNIT	04-176-011		
	1CLK00P	G14	P000	106	1CLK00P	141-000 UNIT	04-176-106		
	1XCLK01P	G14	P001	107	1XCLK01P	141-000 UNIT	04-176-107		
	1DAL0BP	G14	P002	108	1DAL0BP	141-000 UNIT	04-176-108		
	1DAH0BP	G14	P003	109	1DAH0BP	141-000 UNIT	04-176-109		
	1REG0BP	G14	P004	110	1REG0BP	141-000 UNIT	04-176-110		
	1GRD1451	G14		111	1GRD1451	141-000 UNIT	04-176-111	(X)	

AP FIG 1 CAD 087
MSCU-1 SERIAL LINK B

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS14 145-176 JACK/UNIT (ED50506-30).....									
TO 3B DMA 1	1GRD1452	G16		206	1GRD1452	141-000 UNIT	04-176-206	(X)	
	1CLK10N	G16	P000	207	1CLK10N	141-000 UNIT	04-176-207		
	1XCLK11N	G16	P001	208	1XCLK11N	141-000 UNIT	04-176-208		
	1DAL1BN	G16	P002	209	1DAL1BN	141-000 UNIT	04-176-209		
	1DAH1BN	G16	P003	210	1DAH1BN	141-000 UNIT	04-176-210		
	1REG1BN	G16	P004	211	1REG1BN	141-000 UNIT	04-176-211		
	1CLK10P	G16	P000	306	1CLK10P	141-000 UNIT	04-176-306		
	1XCLK11P	G16	P001	307	1XCLK11P	141-000 UNIT	04-176-307		
	1DAL1BP	G16	P002	308	1DAL1BP	141-000 UNIT	04-176-308		
	1DAH1BP	G16	P003	309	1DAH1BP	141-000 UNIT	04-176-309		
	1REG1BP	G16	P004	310	1REG1BP	141-000 UNIT	04-176-310		
	1GRD1453	G16		311	1GRD1453	141-000 UNIT	04-176-311	(X)	

AP FIG 1 CAD 088A
A SCAN AND DISTRIBUTE, MSCU-0

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS53 019-008 JACK/UNIT (ED50506-22).....									
TO 3B1OP 1	0003BR	G53	P000	051	0003BR	015-000 UNIT	04-008-051		
	0RQIP3BR	G53	P001	052	0RQIP3BR	015-000 UNIT	04-008-052		
	0SCY3BR	G53	P002	053	0SCY3BR	015-000 UNIT	04-008-053		
	0SCX3BR	G53	P003	054	0SCX3BR	015-000 UNIT	04-008-054		
	0SCZ3BR	G53	P004	055	0SCZ3BR	015-000 UNIT	04-008-055		
	NC			056					

AP FIG 1 CAD 088A
(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS53 019-008 JACK/UNIT (ED50506-22).....									
TO 3B1OP 1	0003BR	G53	P000	151	0003BR	015-000 UNIT	04-008-151		
	0RQIP3BR	G53	P001	152	0RQIP3BR	015-000 UNIT	04-008-152		
	0SCY3BR	G53	P002	153	0SCY3BR	015-000 UNIT	04-008-153		
	0SCX3BR	G53	P003	154	0SCX3BR	015-000 UNIT	04-008-154		
	0SCZ3BR	G53	P004	155	0SCZ3BR	015-000 UNIT	04-008-155		
	NC			156					

AP FIG 1 CAD 088B
B SCAN AND DISTRIBUTE, MSCU-0

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS57 019-008 JACK/UNIT (ED50506-30).....									
TO 3B1OP 0	000SR	G37	P000	038	000SR	015-000 UNIT	04-008-038		
	0RQIPR	G37	P001	039	0RQIPR	015-000 UNIT	04-008-039		
	0SCYR	G37	P002	040	0SCYR	015-000 UNIT	04-008-040		
	0SCXR	G37	P003	041	0SCXR	015-000 UNIT	04-008-041		
	0SCZR	G37	P004	042	0SCZR	015-000 UNIT	04-008-042		
	NC			043					
TO 3B1OP 0	000S	G37	P000	138	000S	015-000 UNIT	04-008-138		
	0RQIP	G37	P001	139	0RQIP	015-000 UNIT	04-008-139		
	0SCY	G37	P002	140	0SCY	015-000 UNIT	04-008-140		
	0SCX	G37	P003	141	0SCX	015-000 UNIT	04-008-141		
	0SCZ	G37	P004	142	0SCZ	015-000 UNIT	04-008-142		
	NC			143					

AP FIG 2 CAD 089A
A SCAN AND DISTRIBUTE, MSCU-0

AP FIG 2 CAD 089B

B SCAN AND DISTRIBUTE, MSCU-0

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
-----JS39----- 045-008 JACK/UNIT (ED5D506-30)-----											
TO 3810P 0	B000SR	G39	P000	038	B000SR	041-000 UNIT	04-008-038				
|	B0RQIPR	G39	P001	039	B0RQIPR	041-000 UNIT	04-008-039				
|	B0SCYR	G39	P002	040	B0SCYR	041-000 UNIT	04-008-040				
|	B0SCXR	G39	P003	041	B0SCXR	041-000 UNIT	04-008-041				
	NC			042							
	NC			043							
TO 3810P 0	B000S	G39	P000	138	B000S	041-000 UNIT	04-008-138				
|	B0RQIP	G39	P001	139	B0RQIP	041-000 UNIT	04-008-139				
|	B0SCY	G39	P003	140	B0SCY	041-000 UNIT	04-008-140				
|	B0SCX	G39	P002	141	B0SCX	041-000 UNIT	04-008-141				
	NC			142							
	NC			143							

AP FIG 2 CAD 091A

A SCAN AND DISTRIBUTE, MSPU-0 COMMUNITY 2

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
-----JS23----- 028-008 JACK/UNIT (ED5D506-30)-----											
TO 3810P 1	000SM2R	G23	P000	051	000SM2R	024-000 UNIT	04-008-051				
|	0RIPMS2R	G23	P001	052	0RIPMS2R	024-000 UNIT	04-008-052				
|	0SCYMS2R	G23	P002	053	0SCYMS2R	024-000 UNIT	04-008-053				
|	0SCXMS2R	G23	P003	054	0SCXMS2R	024-000 UNIT	04-008-054				
|	000SM2	G23	P000	151	000SM2	024-000 UNIT	04-008-151				
|	0RIPMS2	G23	P001	152	0RIPMS2	024-000 UNIT	04-008-152				
|	0SCYMS2	G23	P002	153	0SCYMS2	024-000 UNIT	04-008-153				
|	0SCXMS2	G23	P003	154	0SCXMS2	024-000 UNIT	04-008-154				

AP FIG 2 CAD 092B

(CONT'D)

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
-----JS45					036-008 JACK/UNIT (ED50506-30)-----						
					(CONT'D)						
TO 3810P 0	NC			043							
|	000SM3	G45	P000	138	000SM3	032-000 UNIT	04-008-138				
|	0RIPM3	G45	P001	139	0RIPM3	032-000 UNIT	04-008-139				
|	0SCYM3	G45	P002	140	0SCYM3	032-000 UNIT	04-008-140				
|	0SCXM3	G45	P003	141	0SCXM3	032-000 UNIT	04-008-141				
	NC			142							
	NC			143							

AP FIG 2 CAD 091B

B SCAN AND DISTRIBUTE, MSPU-0 COMMUNITY 2

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
-----JS43-----					028-008 JACK/UNIT (ED5D506-30)-----						
TO 3810P 0	000SM2R	G43	P000	038	000SM2R	024-000 UNIT	04-008-038				
|	0R1PM2R	G43	P001	039	0R1PM2R	024-000 UNIT	04-008-039				
|	0SCYMR	G43	P002	040	0SCYMR	024-000 UNIT	04-008-040				
|	0SCXMR	G43	P003	041	0SCXMR	024-000 UNIT	04-008-041				
	NC			042							
	NC			043							
TO 3810P 0	000SM2	G43	P000	138	000SM2	024-000 UNIT	04-008-138				
|	0R1PM2	G43	P001	139	0R1PM2	024-000 UNIT	04-008-139				
|	0SCYMR	G43	P002	140	0SCYMR	024-000 UNIT	04-008-140				
|	0SCXMR	G43	P003	141	0SCXMR	024-000 UNIT	04-008-141				
	NC			142							
	NC			143							

AP FIG 1 CAD 093

SCAN AND DISTRIBUTE, FAN UNIT BAY 0

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
-----JS5, JS1-----					011-011 CONN/UNIT (ED5D506-30)-----						
TO 3810P 1	38RES0	LW	P000	6	38RES0	007-000 UNIT	04-011-6				
AND	38SCNO	LW	P001	17	38SCNO	007-000 UNIT	04-011-17				
TO 3810P 0	RTNSCNO	LW	P001	25	RTNSCNO	007-000 UNIT	04-011-25				
	RTNRES0	LW	P000	27	RTNRES0	007-000 UNIT	04-011-27				

AP FIG 2 CAD 090A

A SCAN AND DISTRIBUTE, MSPU-0 COMMUNITY 1

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
.....JS21.....053-008JACK/UNIT(ED5D506-30).....											
TO 3810P 1	000SM51R	G21	P000	051	000SM51R	049-000 UNIT	04-008-051				
|	0R1PM51R	G21	P001	052	0R1PM51R	049-000 UNIT	04-008-052				
|	0SCYMS1R	G21	P002	053	0SCYMS1R	049-000 UNIT	04-008-053				
|	0SCXMS1R	G21	P003	054	0SCXMS1R	049-000 UNIT	04-008-054				
|	000SM51	G21	P000	151	000SM51	049-000 UNIT	04-008-151				
|	0R1PM51	G21	P001	152	0R1PM51	049-000 UNIT	04-008-152				
|	0SCYMS1	G21	P002	153	0SCYMS1	049-000 UNIT	04-008-153				
|	0SCXMS1	G21	P003	154	0SCXMS1	049-000 UNIT	04-008-154				

AP FIG 1 CAD 094A

A SCAN AND DISTRIBUTE, MICU-1

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
-----JS54----- 119-008 JACK/UNIT (ED5D506-22)-----											
TO 3810P 0	1003BR	G54	P000	051	1003BR	115-000 UNIT	04-008-051				
	1RQIP3BR	G54	P001	052	1RQIP3BR	115-000 UNIT	04-008-052				
	1SCY3BR	G54	P002	053	1SCY3BR	115-000 UNIT	04-008-053				
	1SCX3BR	G54	P003	054	1SCX3BR	115-000 UNIT	04-008-054				
	1SCZ3BR	G54	P004	055	1SCZ3BR	115-000 UNIT	04-008-055				
	NC			056							
TO 3810P 0	1003B	G54	P000	151	1003B	115-000 UNIT	04-008-151				
	1RQIP3B	G54	P001	152	1RQIP3B	115-000 UNIT	04-008-152				
	1SCY3B	G54	P002	153	1SCY3B	115-000 UNIT	04-008-153				
	1SCX3B	G54	P003	154	1SCX3B	115-000 UNIT	04-008-154				
	1SCZ3B	G54	P004	155	1SCZ3B	115-000 UNIT	04-008-155				
	NC			156							

AP FIG 2 CAD 090B

B SCAN AND DISTRIBUTE, MSPU-0 COMMUNITY 1

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
-----JS41----- 053-008 JACK/UNIT (ED5D506-30)-----											
TO 3810P 0	000SM1R	G41	P000	038	000SM1R	049-000 UNIT	04-008-038				
|	0RIPM1R	G41	P001	039	0RIPM1R	049-000 UNIT	04-008-039				
|	0SCYMR	G41	P002	040	0SCYMR	049-000 UNIT	04-008-040				
|	0SCXMR	G41	P003	041	0SCXMR	049-000 UNIT	04-008-041				
	NC			042							
	NC			043							
TO 3810P C	000SM1	G41	P000	138	000SM1	049-000 UNIT	04-008-138				
|	0RIPM1	G41	P001	139	0RIPM1	049-000 UNIT	04-008-139				
|	0SCYMR	G41	P002	140	0SCYMR	049-000 UNIT	04-008-140				
|	0SCXMR	G41	P003	141	0SCXMR	049-000 UNIT	04-008-141				
	NC			142							
	NC			143							

AP FIG 2 CAD 092A

A SCAN AND DISTRIBUTE, MSPU-0 COMMUNITY 3

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
-----JS25----- 036-008 JACK/UNIT (ED5D506-30)-----											
TO 3810P 1	000SMS3R	G25	P000	051	000SMS3R	032-000 UNIT	04-008-051				
|	0RIPMS3R	G25	P001	052	0RIPMS3R	032-000 UNIT	04-008-052				
|	0SCYMS3R	G25	P002	053	0SCYMS3R	032-000 UNIT	04-008-053				
|	0SCXMS3R	G25	P003	054	0SCXMS3R	032-000 UNIT	04-008-054				
|	000SM3	G25	P000	151	000SM3	032-000 UNIT	04-008-151				
|	0RIPMS3	G25	P001	152	0RIPMS3	032-000 UNIT	04-008-152				
|	0SCYMS3	G25	P002	153	0SCYMS3	032-000 UNIT	04-008-153				
|	0SCXMS3	G25	P003	154	0SCXMS3	032-000 UNIT	04-008-154				

AP FIG 2 CAD 092B

B SCAN AND DISTRIBUTE, MSPU-0 COMMUNITY 3

-----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>	
.....JS45					036-008					JACK/UNIT (ED5D506-30).....
TO 3810P 0	000SM3R	G45	P000	038	000SM3R	032-000 UNIT	04-008-038			
|	0R1PM3R	G45	P001	039	0R1PM3R	032-000 UNIT	04-008-039			
|	0SCYM3R	G45	P002	040	0SCYM3R	032-000 UNIT	04-008-040			
|	0SCX13R	G45	P003	041	0SCX13R	032-000 UNIT	04-008-041			
	NC			042						

MESSAGE SWITCH CABINET

DWG SIZE
C2ISSUE
5BAT&T
BELL LABORATORIES

SD-5D146-01

G823

PRINTED IN U. S. A.

02/12/85

AP FIG 1 CAD 094B

B SCAN AND DISTRIBUTE, MSCU-1

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
-----JS38-----										119-008	JACK/UNIT (EDSD506-30)-----
TO 3BIOP 1	100SR	G38	P000	038	100SR	115-000 UNIT	04-008-038				
|	1RQIPR	G38	P001	039	1RQIPR	115-000 UNIT	04-008-039				
|	1SCYR	G38	P002	040	1SCYR	115-000 UNIT	04-008-040				
|	1SCXR	G38	P003	041	1SCXR	115-000 UNIT	04-008-041				
	NC			042							
TO 3BIOP 1	1SCZR	G38	P004	042	1SCZR	115-000 UNIT	04-008-042				
	NC			043							
TO 3BIOP 1	100S	G38	P000	138	100S	115-000 UNIT	04-008-138				
|	1RQIP	G38	P001	139	1RQIP	115-000 UNIT	04-008-139				
|	1SCY	G38	P002	140	1SCY	115-000 UNIT	04-008-140				
|	1SCX	G38	P003	141	1SCX	115-000 UNIT	04-008-141				
	NC			142							
TO 3BIOP 1	1SCZ	G38	P004	142	1SCZ	115-000 UNIT	04-008-142				
	NC			143							

AP FIG 2 CAD 095A

A SCAN AND DISTRIBUTE, MSCU-1

-----TO CONNECTION-----					-----FROM CONNECTION-----						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
-----JS34-----					145-008					JACK/UNIT (EDSD506-30)-----	
TO 3BIOP 0	100SR	G34	P000	051	100SR	141-000 UNIT	04-008-051				
|	1RQIPR	G34	P001	052	1RQIPR	141-000 UNIT	04-008-052				
|	1SCYR	G34	P002	053	1SCYR	141-000 UNIT	04-008-053				
|	1SCXR	G34	P003	054	1SCXR	141-000 UNIT	04-008-054				
|	100SB	G34	P000	151	100SB	141-000 UNIT	04-008-151				
|	1RQIPB	G34	P001	152	1RQIPB	141-000 UNIT	04-008-152				
|	1SCYB	G34	P002	153	1SCYB	141-000 UNIT	04-008-153				
|	1SCXB	G34	P003	154	1SCXB	141-000 UNIT	04-008-154				

AP FIG 2 CAD 095B

B SCAN AND DISTRIBUTE, MSCU-1

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
-----JS40-----					145-008 JACK/UNIT (EDSD506-30)-----						
TO 3BIOP 1	B100SR	G40	P000	038	B100SR	141-000 UNIT	04-008-038				
	B1RQIPR	G40	P001	039	B1RQIPR	141-000 UNIT	04-008-039				
	B1SEYR	G40	P002	040	B1SEYR	141-000 UNIT	04-008-040				
	B1SCXR	G40	P003	041	B1SCXR	141-000 UNIT	04-008-041				
	NC			042							
	NC			043							
TO 3BIOP 1	B100S	G40	P000	138	B100S	141-000 UNIT	04-008-138				
	B1RQIP	G40	P001	139	B1RQIP	141-000 UNIT	04-008-139				
	B1SEY	G40	P002	140	B1SEY	141-000 UNIT	04-008-140				
	B1SCX	G40	P003	141	B1SCX	141-000 UNIT	04-008-141				
	NC			142							
	NC			143							

AP FIG 2 CAD 096A

A SCAN AND DISTRIBUTE, MSPU-1 COMMUNITY 1

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....JS22					153-008	JACK/UNIT	(EDSD506-30)				
TO 3BIOP 0	100SMS1R	G22	P000	051	100SMS1R	149-000 UNIT	04-008-051				
|	1RIPMS1R	G22	P001	052	1RIPMS1R	149-000 UNIT	04-008-052				
|	1SCYMS1R	G22	P002	053	1SCYMS1R	149-000 UNIT	04-008-053				
|	1SCXMS1R	G22	P003	054	1SCXMS1R	149-000 UNIT	04-008-054				
|	100SMS1	G22	P000	151	100SMS1	149-000 UNIT	04-008-151				
|	1RIPMS1	G22	P001	152	1RIPMS1	149-000 UNIT	04-008-152				
|	1SCYMS1	G22	P002	153	1SCYMS1	149-000 UNIT	04-008-153				
|	1SCXMS1	G22	P003	154	1SCXMS1	149-000 UNIT	04-008-154				

AP FIG 2 CAD 096B

B SCAN AND DISTRIBUTE, MSPU-1 COMMUNITY 1

TO CONNECTION				FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		DPT	NOTE	
-----JS42----- 153-008 JACK/UNIT (EDSD506-30)-----											
TO 3BIOP 1	100SM1R	G42	P000	038	100SM1R	149-000 UNIT	04-008-038				
|	1RIPM1R	G42	P001	039	1RIPM1R	149-000 UNIT	04-008-039				
|	1SCYM1R	G42	P002	040	1SCYM1R	149-000 UNIT	04-008-040				
|	1SCXM1R	G42	P003	041	1SCXM1R	149-000 UNIT	04-008-041				
	NC			042							
	NC			043							
TO 3BIOP 1	100SM1	G42	P000	138	100SM1	149-000 UNIT	04-008-138				
|	1RIPM1	G42	P001	139	1RIPM1	149-000 UNIT	04-008-139				
|	1SCYM1	G42	P002	140	1SCYM1	149-000 UNIT	04-008-140				
|	1SCXM1	G42	P003	141	1SCXM1	149-000 UNIT	04-008-141				
	NC			142							
	NC			143							

AP FIG 2 CAD 097A

A SCAN AND DISTRIBUTE, MSPU-1 COMMUNITY 2

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----JS24-----					128-008 JACK/UNIT (EDSD506-30)-----				
TO 3BIOP 0	100SMS2R	G24	P000	051	100SMS2R	124-000 UNIT	04-008-051		
|	1RIPMS2R	G24	P001	052	1RIPMS2R	124-000 UNIT	04-008-052		
|	1SCYMS2R	G24	P002	053	1SCYMS2R	124-000 UNIT	04-008-053		
|	1SCXMS2R	G24	P003	054	1SCXMS2R	124-000 UNIT	04-008-054		
|	100SMS2	G24	P000	151	100SMS2	124-000 UNIT	04-008-151		
|	1RIPMS2	G24	P001	152	1RIPMS2	124-000 UNIT	04-008-152		
|	1SCYMS2	G24	P002	153	1SCYMS2	124-000 UNIT	04-008-153		
|	1SCXMS2	G24	P003	154	1SCXMS2	124-000 UNIT	04-008-154		

AP FIG 2 CAD 097B

B SCAN AND DISTRIBUTE, MSPU-1 COMMUNITY 2

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
-----JS44----- 128-008 JACK/UNIT (EDSD506-30)-----											
TO 3BIOP 1	100SM2R	G44	P000	038	100SM2R	124-000 UNIT	04-008-038				
|	1R1PM2R	G44	P001	039	1R1PM2R	124-000 UNIT	04-008-039				
|	1SCYM2R	G44	P002	040	1SCYM2R	124-000 UNIT	04-008-040				
|	1SCXM2R	G44	P003	041	1SCXM2R	124-000 UNIT	04-008-041				
	NC			042							

AP FIG 2 CAD 097B

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
<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>		
-----JS44-----				128-008 (CONT'D)	JACK/UNIT	(EDSD506-30)	-----		
TO 3BIOP 1	NC			043					
	100SM2	G44	P000	138	100SM2	124-000 UNIT	04-008-138		
	1RIPM2	G44	P001	139	1RIPM2	124-000 UNIT	04-008-139		
	1SCYM2	G44	P002	140	1SCYM2	124-000 UNIT	04-008-140		
	1SCXM2	G44	P003	141	1SCXM2	124-000 UNIT	04-008-141		
	NC			142					
	NC			143					

AP FIG 2 CAD 098A

A SCAN AND DISTRIBUTE, MSPU-1 COMMUNITY 3

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
-----JS26----- 136-008 JACK/UNIT (EDSD506-30)-----											
TO 3BIOP 0	100SM3R	G26	P000	051	100SM3R	132-000 UNIT	04-008-051				
|	1RIPM3R	G26	P001	052	1RIPM3R	132-000 UNIT	04-008-052				
|	1SCYM3R	G26	P002	053	1SCYM3R	132-000 UNIT	04-008-053				
|	1SCXM3R	G26	P003	054	1SCXM3R	132-000 UNIT	04-008-054				
|	100SM3	G26	P000	151	100SM3	132-000 UNIT	04-008-151				
|	1RIPM3	G26	P001	152	1RIPM3	132-000 UNIT	04-008-152				
|	1SCYM3	G26	P002	153	1SCYM3	132-000 UNIT	04-008-153				
|	1SCXM3	G26	P003	154	1SCXM3	132-000 UNIT	04-008-154				

AP FIG 2 CAD 098B

B SCAN AND DISTRIBUTE, MSPU-1 COMMUNITY 3

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
-----JS46-----					135-008 JACK/UNIT (EDSD506-30)-----						
TO 3BIOP 1	100SM3R	G46	P000	038	100SM3R	132-000 UNIT	04-008-038				
|	1RIPM3R	G46	P001	039	1RIPM3R	132-000 UNIT	04-008-039				
|	1SCYM3R	G46	P002	040	1SCYM3R	132-000 UNIT	04-008-040				
|	1SCXM3R	G46	P003	041	1SCXM3R	132-000 UNIT	04-008-041				
	NC			042							
	NC			043							
TO 3BIOP 1	100SM3	G46	P000	138	100SM3	132-000 UNIT	04-008-138				
|	1RIPM3	G46	P001	139	1RIPM3	132-000 UNIT	04-008-139				
|	1SCYM3	G46	P002	140	1SCYM3	132-000 UNIT	04-008-140				
|	1SCXM3	G46	P003	141	1SCXM3	132-000 UNIT	04-008-141				
	NC			142							
	NC			143							

MESSAGE SWITCH CABINET

DWG SIZE

C2

ISSUE

5B

AT&T
BELL LABORATORIES

SD-5D146-01

G824

PRINTED IN U.S.A.

02/12/85

AP FIG 1 CAD 099

SCAN AND DISTRIBUTE, FAN UNIT BAY 1

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
J36, J52				111-011	JACK/UNIT	(EDSD506-30)			
TO 3810P 1	38RES1	P000	6	38RES1	107-000	UNIT	04-011-6		
AND	38SCN1	P001	17	38SCN1	107-000	UNIT	04-011-17		
TO 3810P 0	RTNRCN1	P001	25	RTNRCN1	107-000	UNIT	04-011-25		
I	RTNRES1	P000	27	RTNRES1	107-000	UNIT	04-011-27		

AP 1(S) 2(J) CAD 100A

FUSE ALARM WIRING BAY 0

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
J				019-008	JACK/UNIT	(3DSD506-15)			
068-043-002	ALM011	G10		045	ALM011	015-000	UNIT	04-008-045	(1)
	NC			046					
	NC			047					
068-043-003	ALM019	G10		145	ALM019	015-000	UNIT	04-008-145	(1)
	NC			146					
	NC			147					
J				028-008	JACK/UNIT	(3DSD506-15)			
	NC			045					
	NC			046					
	NC			047					
068-137-004	ALM028	G10		145	ALM028	024-000	UNIT	04-008-145	(2)
	NC			146					
	NC			147					
J				036-008	JACK/UNIT	(3DSD506-15)			
	NC			045					
	NC			046					
	NC			047					
068-043-001	ALM036	G10		145	ALM036	032-000	UNIT	04-008-145	(2)
	NC			146					
	NC			147					
J				045-008	JACK/UNIT	(3DSD506-15)			
	NC			045					
	NC			046					
	NC			047					
068-043-003	ALM045	G10		145	ALM045	041-000	UNIT	04-008-145	(2)
	NC			146					
	NC			147					
J				053-008	JACK/UNIT	(3DSD506-15)			
	NC			045					
	NC			046					
	NC			047					
068-137-003	ALM053	G10		145	ALM053	049-000	UNIT	04-008-145	(2)
	NC			146					
	NC			147					
J				068-043	JACK/UNIT	(3DSD506-15)			
036-008-145	ALM036	G10		001	ALM036	067-000	UNIT	01-043-001	(2)
019-008-045	ALM011	G10		002	ALM011	067-000	UNIT	01-043-002	(1)
068-137-003	ALM011	G10		002	ALM011	067-000	UNIT	01-043-002	(1)
045-008-145	ALM045	G10		003	ALM045	067-000	UNIT	01-043-003	(2)
019-008-145	ALM019	G10		004	ALM019	067-000	UNIT	01-043-004	(1)
	NC			102					
	NC			103					
	NC			104					

AP 1(S) 2(J) CAD 100A

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
J				068-137	JACK/UNIT	(3DSD506-15)			
053-008-145	ALM053	G10		002	ALM053	067-094	UNIT	01-043-002	(2)
068-043-002	ALM011	G10		003	ALM011	067-094	UNIT	01-043-003	(1)
028-008-145	ALM028	G10		004	ALM028	067-094	UNIT	01-043-004	(2)
	NC			102					
	NC			103					
	NC			104					

AP 1(Q) 2(G) CAD 100B

FUSE ALARM WIRING BAY 0

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
J				019-008	JACK/UNIT	(3DSD506-15)			
068-043-002	ALM011	G10		045	ALM011	015-000	UNIT	04-008-045	(1)
	NC			046					
	NC			047					
068-043-003	ALM019	G10		145	ALM019	015-000	UNIT	04-008-145	(1)
	NC			146					
	NC			147					
J				019-176	JACK/UNIT				
068-043-001	NCKALO			237	NCKALO	015-000	UNIT	04-176-237	(1)
	NC			238					
	NC			239					
	NC			240					
	NC			337					
	NC			338					
	NC			339					
	NC			340					
J				028-008	JACK/UNIT	(3DSD506-15)			
	NC			045					
	NC			046					
	NC			047					
068-137-004	ALM028	G10		145	ALM028	024-000	UNIT	04-008-145	(2)
	NC			146					
	NC			147					
J				036-008	JACK/UNIT	(3DSD506-15)			
	NC			045					
	NC			046					
	NC			047					
068-043-001	ALM036	G10		145	ALM036	032-000	UNIT	04-008-145	(2)
	NC			146					
	NC			147					
J				045-008	JACK/UNIT	(3DSD506-15)			
	NC			045					
	NC			046					
	NC			047					
068-043-001	ALM045	G10		145	ALM045	041-000	UNIT	04-008-145	(2)
	NC			146					
	NC			147					
J				053-008	JACK/UNIT	(3DSD506-15)			
	NC			045					
	NC			046					
	NC			047					
068-137-003	ALM053	G10		145	ALM053	049-000	UNIT	04-008-145	(2)
	NC			146					
	NC			147					
J				068-043	JACK/UNIT	(3DSD506-15)			
036-008-145	ALM036	G10		001	ALM036	067-000	UNIT	01-043-001	(2)
019-008-045	ALM011	G10		002	ALM011	067-000	UNIT	01-043-002	(1)
068-137-003	ALM011	G10		002	ALM011	067-000	UNIT	01-043-002	(1)
045-008-145	ALM045	G10		003	ALM045	067-000	UNIT	01-043-003	(2)
019-008-145	ALM019	G10		004	ALM019	067-000	UNIT	01-043-004	(1)
	NC			102					
	NC			103					
	NC			104					

AP 1(Q) 2(G) CAD 100B

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
J				068-043	JACK/UNIT	(3DSD506-15)			
019-176-237	NCKALO	G10		001	NCKALO	067-000	UNIT	01-043-001	(1)
036-008-145	ALM036	G10		001	ALM036	067-000	UNIT	01-043-001	(2)
068-137-003	ALM011	G10		002	ALM011	067-000	UNIT	01-043-002	(1)
019-008-045	ALM011	G10		002	ALM011	067-000	UNIT	01-043-002	(1)
045-008-145	ALM045	G10		003	ALM045	067-000	UNIT	01-043-003	(2)
019-008-145	ALM019	G10		004	ALM019	067-000	UNIT	01-043-004	(1)
	NC			102					
	NC			103					
	NC			104					
J				068-137	JACK/UNIT	(3DSD506-15)			
053-008-145	ALM053	G10		102	ALM053	067-094	UNIT	01-043-002	(2)
068-043-002	ALM011	G10		003	ALM011	067-094	UNIT	01-043-003	(1)
028-008-145	ALM028	G10		004	ALM028	067-094	UNIT	01-043-004	(2)
	NC			102					
	NC			103					
	NC			104					

AP 1(F) 2(G) CAD 100C

FUSE ALARM WIRING BAY 0

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
J				019-008	JACK/UNIT	(3DSD506-15)			
068-043-002	ALM011	G10		045	ALM011	015-000	UNIT	04-008-045	(1)
	NC			046					
	NC			047					
068-043-003	ALM019	G10		145	ALM019	015-000	UNIT	04-008-145	(1)
	NC			146					
	NC			147					
J				028-008	JACK/UNIT	(3DSD506-15)			
	NC			045					
	NC			046					
	NC			047					
068-137-004	ALM028	G10		145	ALM028	024-000	UNIT	04-008-145	(2)
	NC			146					
	NC			147					
J				036-008	JACK/UNIT	(3DSD506-15)			
	NC			045					
	NC			046					
	NC			047					
068-043-001	ALM036	G10		145	ALM036	032-000	UNIT	04-008-145	(2)
	NC			146					
	NC			147					

COPYRIGHT © 1967 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH CABINET

DWG SIZE
CZISSUE
6MAT&T
BELL LABORATORIES

SD-5D146-01

GB25

PRINTED IN U.S.A.

[illegible]

AP 1(F) 2(G) CAD 106C

FUSE ALARM WIRING BAY 1

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J				119-008	JACK/UNIT	(3DSD506-15).....			
168-043-002	ALM111	G9		045	ALM111	115-000 UNIT	04-008-045	(1)	
	NC			046					
	NC			047					
168-043-004	ALM119	G9		145	ALM119	115-000 UNIT	04-008-145	(1)	
	NC			146					
	NC			147					
.....J				128-008	JACK/UNIT	(3DSD506-15).....			
	NC			045					
	NC			046					
	NC			047					
168-137-004	ALM128	G9		145	ALM128	124-000 UNIT	04-008-145	(2)	
	NC			146					
	NC			147					
.....J				136-008	JACK/UNIT	(3DSD506-15).....			
	NC			045					
	NC			046					
	NC			047					
168-043-001	ALM136	G9		145	ALM136	132-000 UNIT	04-008-145	(2)	
	NC			146					
	NC			147					
.....J				145-008	JACK/UNIT	(3DSD506-15).....			
	NC			045					
	NC			046					
	NC			047					
168-043-003	ALM145	G9		145	ALM145	141-000 UNIT	04-008-145	(2)	
	NC			146					
	NC			147					
.....J				153-008	JACK/UNIT	(3DSD506-15).....			
	NC			045					
	NC			046					
	NC			047					
168-137-002	ALM153	G9		145	ALM153	149-000 UNIT	04-008-145	(2)	
	NC			146					
	NC			147					
.....J				168-043	JACK/UNIT	(3DSD506-15).....			
168-137-003	ALM111	G9		002	ALM111	167-000 UNIT	01-043-002	(1)	
119-008-045	ALM111	G9		002	ALM111	167-000 UNIT	01-043-002	(1)	
145-008-145	ALM145	G9		003	ALM145	167-000 UNIT	01-043-003	(2)	
119-008-145	ALM119	G9		004	ALM119	167-000 UNIT	01-043-004	(1)	
	NC			102					
	NC			103					
	NC			104					
.....J				168-137	JACK/UNIT	(3DSD506-15).....			
153-008-145	ALM153	G9		002	ALM153	167-094 UNIT	01-043-002	(2)	
168-043-002	ALM111	G9		003	ALM111	167-094 UNIT	01-043-003	(1)	
128-008-145	ALM128	G9		004	ALM128	167-094 UNIT	01-043-004	(2)	
	NC			102					
	NC			103					
	NC			104					

AP FIG 1 CAD 112

FAN UNIT AND LED WIRING, BAY 0

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J				011-011	CONN/UNIT	.....			
068-154-1	LED01B	LW		4	LED01B	007-000 UNIT	04-011-4		
068-154-2	LED02A	LW		11	LED02A	007-000 UNIT	04-011-11		
068-034F-2	LED01A	LW		12	LED01A	007-000 UNIT	04-011-12		
.....J				068-002F	LED	.....			
068-186-2	LED03B	LW		1	LED03B	067-000 UNIT	04-002-1		
068-044-207	LED03A	LW		2	LED03A	067-000 UNIT	01-043-2		
.....J				068-034F	LED	.....			
068-154-1	LED01B	LW		1	LED01B	067-000 UNIT	04-011-4		
011-011-12	LED01A	LW		2	LED01A	067-000 UNIT	04-011-12		
.....J				068-044	CONN/UNIT	.....			
068-002F-2	LED03A	LW		207	LED03A	067-000 UNIT	01-043-207		
068-186R-1	LED04B	LW		212	LED04B	067-000 UNIT	01-043-212		
.....J				068-154	LED	.....			
011-011-4	LED01B	LW		1	LED01B	067-094 UNIT	04-011-4		
068-034F-1	LED01B	LW		1	LED01B	067-094 UNIT	04-011-4		
011-011-11	LED02A	LW		2	LED02A	067-094 UNIT	04-011-12		
.....J				068-186R	LED	.....			
068-044-212	LED04B	LW		1	LED04B	067-094 UNIT	01-043-1		
	NC	LW		2	LED03B	067-094 UNIT	04-186-2		
.....J				111-011	CONN/UNIT	.....			
168-154-1	LED11B	LW		4	LED11B	107-000 UNIT	04-011-4		
168-154-2	LED12A	LW		11	LED12A	107-000 UNIT	04-011-11		
168-034F-2	LED11A	LW		12	LED11A	107-000 UNIT	04-011-12		
.....J				168-002F	LED	.....			
168-186-2	LED13B	LW		1	LED13B	167-000 UNIT	04-002-1		
168-044-207	LED13A	LW		2	LED13A	167-000 UNIT	04-002-2		
.....J				168-034F	LED	.....			
168-154-1	LED11B	LW		1	LED11B	167-000 UNIT	04-011-4		
111-011-12	LED11A	LW		2	LED11A	167-000 UNIT	04-011-12		
.....J				168-043	CONN/UNIT	.....			
168-002F-2	LED13A	LW		207	LED13A	167-000 UNIT	01-043-207		
168-186-1	LED14B	LW		212	LED14B	167-000 UNIT	01-043-212		
.....J				168-154	LED	.....			
111-011-4	LED11B	LW		1	LED11B	167-094 UNIT	04-011-4		
168-034F-1	LED11B	LW		1	LED11B	167-094 UNIT	04-011-4		
111-011-11	LED12A	LW		2	LED12A	167-094 UNIT	04-011-11		

AP FIG 1 CAD 113

FAN UNIT AND LED WIRING, BAY 1

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J				111-011	CONN/UNIT	.....			
168-154-1	LED11B	LW		4	LED11B	107-000 UNIT	04-011-4		
168-154-2	LED12A	LW		11	LED12A	107-000 UNIT	04-011-11		
168-034F-2	LED11A	LW		12	LED11A	107-000 UNIT	04-011-12		
.....J				168-002F	LED	.....			
168-186-2	LED13B	LW		1	LED13B	167-000 UNIT	04-002-1		
168-044-207	LED13A	LW		2	LED13A	167-000 UNIT	04-002-2		
.....J				168-034F	LED	.....			
168-154-1	LED11B	LW		1	LED11B	167-000 UNIT	04-011-4		
111-011-12	LED11A	LW		2	LED11A	167-000 UNIT	04-011-12		
.....J				168-043	CONN/UNIT	.....			
168-002F-2	LED13A	LW		207	LED13A	167-000 UNIT	01-043-207		
168-186-1	LED14B	LW		212	LED14B	167-000 UNIT	01-043-212		
.....J				168-154	LED	.....			
111-011-4	LED11B	LW		1	LED11B	167-094 UNIT	04-011-4		
168-034F-1	LED11B	LW		1	LED11B	167-094 UNIT	04-011-4		
111-011-11	LED12A	LW		2	LED12A	167-094 UNIT	04-011-11		

AP FIG 1 CAD 113

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL	TERMINAL		
.....J				168-186R	LED	.....			
168-044-212	LED14B	LW		1	LED14B	167-094 UNIT	04-186-1		
168-002F-1	LED13B	LW		2	LED13B	167-094 UNIT	04-186-2		

AP 1(S) 2(J) CAD 114A

-48 UNIT POWER, BAY 0

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----J				015-020	CONN/UNIT	-----			
069-166-10	RTN011F	LW		4	RTN011F	007-000 UNIT	08-020-4	(1)	
069-020-40	RTN011C	LW		5	RTN011C	007-000 UNIT	08-020-5	(1)	
069-166-11	-48V011F	LW		6	-48V011F	007-000 UNIT	08-020-6	(1)	
069-020-41	-48V011C	LW		8	-48V011C	007-000 UNIT	08-020-8	(1)	
-----J				069-020	CONN/UNIT	-----			
015-020-5	RTN011C	LW		40	RTN011C	067-000 UNIT	02-020-40	(1)	
015-020-8	-48V011C	LW		41	-48V011C	067-000 UNIT	02-020-41	(1)	
015-056-5	RTN011B	LW		42	RTN011B	067-000 UNIT	02-020-42	(1)	
015-056-8	-48V011B	LW		43	-48V011B	067-000 UNIT	02-020-43	(1)	
033-018-080	RTN036	LW		44	RTN036	067-000 UNIT	02-020-44	(2)	
033-015-080	-48V036	LW		45	-48V036	067-000 UNIT	02-020-45	(2)	
015-112-5	RTN011A	LW		52	RTN011A	067-000 UNIT	02-020-52	(1)	
015-112-8	-48V011A	LW		53	-48V011A	067-000 UNIT	02-020-53	(1)	
-----J				069-072	CONN/UNIT	-----			
042-022-080	RTN045A	LW		02	RTN045A	067-000 UNIT	02-072-02	(2)	
042-019-080	-48V045A	LW		03	-48V045A	067-000 UNIT	02-072-03	(2)	
042-016-080	RTN045B	LW		12	RTN045B	067-000 UNIT	02-072-12	(2)	
042-013-080	-48V045B	LW		13	-48V045B	067-000 UNIT	02-072-13	(2)	
016-040-080	RTN019	LW		22	RTN019	067-000 UNIT	02-072-22	(1)	
016-030-080	-48V019	LW		23	-48V019	067-000 UNIT	02-072-23	(1)	
-----J				069-114	CONN/UNIT	-----			
050-018-080	RTN053	LW		52	RTN053	067-094 UNIT	02-020-52	(2)	
050-015-080	-48V053	LW		53	-48V053	067-094 UNIT	02-020-53	(2)	
-----J				069-166	CONN/UNIT	-----			
015-112-4	RTN011D	LW		02	RTN011D	067-094 UNIT	02-072-02	(1)	
015-112-6	-48V011D	LW		03	-48V011D	067-094 UNIT	02-072-03	(1)	
015-020-4	RTN011F	LW		10	RTN011F	067-094 UNIT	02-072-10	(1)	
015-020-6	-48V011F	LW		11	-48V011F	067-094 UNIT	02-072-11	(1)	
015-056-4	RTN011E	LW		12	RTN011E	067-094 UNIT	02-072-12	(1)	
015-056-6	-48V011E	LW		13	-48V011E	067-094 UNIT	02-072-13	(1)	
025-018-080	RTN028	LW		14	RTN028	067-094 UNIT	02-072-14	(2)	
025-015-080	-48V028	LW		15	-48V028	067-094 UNIT	02-072-15	(2)	
-----J				015-056	CONN/UNIT	-----			
069-166-12	RTN011E	LW		4	RTN011E	007-000 UNIT	08-056-4	(1)	
069-020-42	RTN011B	LW		5	RTN011B	007-000 UNIT	08-056-5	(1)	
069-166-13	-48V011E	LW		6	-48V011E	007-000 UNIT	08-056-6	(1)	
069-020-43	-48V011B	LW		8	-48V011B	007-000 UNIT	08-056-8	(1)	

[illegible]

AP 1(F) 2(G) CAD 114C										AP 1(F) 2(G) CAD 114C										AP 1(S) 2(J) CAD 116A									
-48 UNIT POWER, BAY 0										(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
J										J										J									
015-020										033-015										116-030									
CONN/UNIT										CONN/UNIT										CONN/UNIT									
069-166-10	RTN011F	LW		4	RTN011F	007-000 UNIT	08-020-4	(1)		069-020-45	-48V036	LW		080	-48V036	032-000 UNIT	01-015-080	(2)		169-072-23	-48V119	LW		080	-48V119	115-000 UNIT	01-030-080	(1)	
069-020-40	RTN011C	LW		5	RTN011C	007-000 UNIT	08-020-5	(1)		J										116-040									
069-166-11	-48V011F	LW		6	-48V011F	007-000 UNIT	08-020-6	(1)		033-018										CONN/UNIT									
069-020-41	-48V011C	LW		8	-48V011C	007-000 UNIT	08-020-8	(1)		069-020-44										RTN036									
J										033-018										CONN/UNIT									
069-020										069-020-44										069-072-22									
CONN/UNIT										RTN036										RTN119									
015-020-5	RTN011C	LW		40	RTN011C	067-000 UNIT	02-020-40	(1)		042-013										125-015									
015-020-8	-48V011C	LW		41	-48V011C	067-000 UNIT	02-020-41	(1)		069-072-13										CONN/UNIT									
015-056-5	RTN011B	LW		42	RTN011B	067-000 UNIT	02-020-42	(1)		042-013										069-166-15									
015-056-8	-48V011B	LW		43	-48V011B	067-000 UNIT	02-020-43	(1)		069-072-13										-48V128									
033-018-080	RTN036	LW		44	RTN036	067-000 UNIT	02-020-44	(2)		042-016										069-166-14									
033-015-080	-48V036	LW		45	-48V036	067-000 UNIT	02-020-45	(2)		069-072-12										RTN128									
015-112-5	RTN011A	LW		52	RTN011A	067-000 UNIT	02-020-52	(1)		042-016										125-018									
015-112-8	-48V011A	LW		53	-48V011A	067-000 UNIT	02-020-53	(1)		069-072-12										CONN/UNIT									
J										042-019										133-015									
069-072										069-072-03										CONN/UNIT									
CONN/UNIT										-48V045A										069-020-45									
042-022-080	RTN045A	LW		02	RTN045A	067-000 UNIT	02-072-02	(2)		042-022										-48V136									
042-019-080	-48V045A	LW		03	-48V045A	067-000 UNIT	02-072-03	(2)		069-072-02										RTN136									
042-016-080	RTN045B	LW		12	RTN045B	067-000 UNIT	02-072-12	(2)		069-114-53										080									
042-013-080	-48V045B	LW		13	-48V045B	067-000 UNIT	02-072-13	(2)		069-114-52										-48V145B									
016-040-080	RTN019	LW		22	RTN019	067-000 UNIT	02-072-22	(1)		069-072-33										142-013									
016-030-080	-48V019	LW		23	-48V019	067-000 UNIT	02-072-23	(1)		069-072-32										CONN/UNIT									
016-018-080	RTN019B	LW		32	RTN019B	067-000 UNIT	02-072-32	(1)		069-072-32										142-016									
016-014-080	-48V019B	LW		33	-48V019B	067-000 UNIT	02-072-33	(1)		069-072-32										080									
J										050-015										142-019									
069-114										069-114-53										CONN/UNIT									
CONN/UNIT										-48V053										069-072-03									
050-018-080	RTN053	LW		52	RTN053	067-094 UNIT	02-020-52	(2)		069-114-52										-48V145B									
050-015-080	-48V053	LW		53	-48V053	067-094 UNIT	02-020-53	(2)		069-072-33										142-016									
J										069-166										142-019									
069-166										CONN/UNIT										CONN/UNIT									
015-112-4	RTN011D	LW		02	RTN011D	067-094 UNIT	02-072-02	(1)		069-072-32										142-022									
015-112-6	-48V011D	LW		03	-48V011D	067-094 UNIT	02-072-03	(1)		069-072-32										080									
015-020-4	RTN011F	LW		10	RTN011F	067-094 UNIT	02-072-10	(1)		069-072-32										150-015									
015-020-6	-48V011F	LW		11	-48V011F	067-094 UNIT	02-072-11	(1)		069-072-32										CONN/UNIT									
015-056-4	RTN011E	LW		12	RTN011E	067-094 UNIT	02-072-12	(1)		069-072-32										080									
015-056-6	-48V011E	LW		13	-48V011E	067-094 UNIT	02-072-13	(1)		069-072-32										149-000									
025-018-080	RTN028	LW		14	RTN028	067-094 UNIT	02-072-14	(2)		069-072-32										01-015-080									
025-015-080	-48V028	LW		15	-48V028	067-094 UNIT	02-072-15	(2)		069-072-32										01-016-080									
J										015-056										142-019									
069-166-12										CONN/UNIT										CONN/UNIT									
069-020-42	RTN011B	LW		5	RTN011B	007-000 UNIT	08-056-5	(1)		069-072-32										080									
069-166-13	-48V011E	LW		6	-48V011E	007-000 UNIT	08-056-6	(1)		069-072-32										149-000									
069-020-43	-48V011B	LW		8	-48V011B	007-000 UNIT	08-056-8	(1)		069-072-32										01-018-080									
J										015-112										150-018									
069-166-02										CONN/UNIT										CONN/UNIT									
069-020-52	RTN011A	LW		5	RTN011A	007-000 UNIT	08-112-5	(1)		069-072-32										080									
069-166-03	-48V011D	LW		6	-48V011D	007-000 UNIT	08-112-6	(1)		069-072-32										149-000									
069-020-53	-48V011A	LW		8	-48V011A	007-000 UNIT	08-112-8	(1)		069-072-32										01-018-080									
J										016-030										169-020									
069-072-23										CONN/UNIT										CONN/UNIT									
-48V019										080										080									
-48V019										015-000 UNIT										015-000 UNIT									
01-030-080										(1)										(1)									
J										016-040										115-020									
069-072-22										CONN/UNIT										CONN/UNIT									
RTN019										080										080									
RTN019										015-000 UNIT										015-000 UNIT									
01-040-080										(1)										(1)									
J										025-015										115-056									
069-166-15										CONN/UNIT										CONN/UNIT									
-48V028										080										080									
-48V028										024-000 UNIT										024-000 UNIT									
01-015-080										(2)										(1)									
J										025-018										115-112									
069-166-14										CONN/UNIT										CONN/UNIT									
RTN028										080										080									
RTN028										024-000 UNIT										024-000 UNIT									
01-018-080										(2)										(1)									
J										033-015										116-030									
069-020-45										-48V036										-48V036									
LM										080										032-000 UNIT									
01-015-080										(2)										01-015-080									
J										033-018										116-040									
069-020-44										RTN036										RTN119									
LM										080										080									
RTN036										032-000 UNIT										115-000 UNIT									
01-018-080										(2)										01-040-080									
J										042-013										125-015									
069-072-13										-48V045B										-48V128									
LM										080										080									
-48V045B										041-000 UNIT										124-000 UNIT									
01-013-080										(2)										01-015-080									
J										042-016										125-018									
069-072-12										RTN045B										RTN128									
LM										080										080									
RTN045B										041-000 UNIT										124-000 UNIT									
01-016-080										(2)										01-018-080									
J										042-019										133-015									
069-072-03										-48V045A										-48V136									
LM										080										080									
-48V045A										041-000 UNIT										132-000 UNIT									
01-019-080										(2)										01-015-080									
J										042-022										133-018									
069-072-02										RTN045A										RTN136									
LM										080										080									
RTN045A										041-000 UNIT										132-000 UNIT									
01-022-080										(2)										01-018-080									
J										050-015										142-013									
069-114-53										-48V053										-48V145B									
LM										080										080									
-48V053										000 UNIT										141-000 UNIT									
01-015-080										(2)										01-015-080									
J										050-018										142-016									
069-114-52										RTN053										RTN145B									
LM										080										080									
RTN053										049-000 UNIT										141-000 UNIT									
01-018-080										(2)										01-016-080									
J										016-014										142-019									
069-072-33										-48V019B										-48V145A									
LM										080										080									
-48V019B										015-000 UNIT										141-000 UNIT									
01-014-080																				01-019-080									
J										016-018										142-022									
069-072-32										RTN019B										RTN145A									
LM										080										080									
RTN019B										015-000 UNIT										141-000 UNIT									
01-018-080																				01-022-080									
J										015-056										150-015									
069-166-12										CONN/UNIT										CONN/UNIT									
RTN011E										080										080									
069-020-42										RTN011B										-48V153									
LM										5										149-000 UNIT									
-48V011E										08-056-5										01-015-080									
069-020-43										-48V011B										01-016-080									
LM										8										080									
-48V011B										007-000 UNIT										149-000 UNIT									
08-056-8										(1)										01-018-080									
J										015-112										150-018									
069-166-02										CONN/UNIT										CONN/UNIT									

[illegible]

AP 1(F) 2(G) CAD 116C (CONT'D)										AP 1(F) 2(G) CAD 116C (CONT'D)										AP FIG 1 (E) CAD 117 (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										
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
TO CONNECTION										FROM																													

AP FIG 1 (E) CAD 117

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO DIGITAL LINE TRUNK UNIT EXPORT	NC			239	JACK/UNIT				
	NC			240					
	NC			241					
	REF7N	P012		339	REF7N	115-000 UNIT	04-130-339		
	REF7P	P012		340	REF7P	115-000 UNIT	04-130-340		
	NC			341					
TO DIGITAL LINE TRUNK UNIT EXPORT	NC			239	JACK/UNIT				
	NC			240					
	NC			241					
	REF7N	P013		339	REF7N	015-000 UNIT	04-130-339		
	REF7P	P013		340	REF7P	015-000 UNIT	04-130-340		
	NC			341					
TO DIGITAL LINE TRUNK UNIT EXPORT	NC			222	JACK/UNIT				
	NC			223					
	NC			224					
	REF8N	P014		322	REF8N	115-000 UNIT	04-130-322		
	REF8P	P014		323	REF8P	115-000 UNIT	04-130-323		
	NC			324					
TO DIGITAL LINE TRUNK UNIT EXPORT	NC			222	JACK/UNIT				
	NC			223					
	NC			224					
	REF8N	P015		322	REF8N	015-000 UNIT	04-130-322		
	REF8P	P015		323	REF8P	015-000 UNIT	04-130-323		
	NC			324					

AP FIG 1 CAD 118

0 FRAME JACK PANEL A

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO INTERFACE COMMUNICATIONS CIRCUIT	T-TTYA	LW		601	T-TTYA	067-000 UNIT	01-043-601		
	T1-TTYA	LW		602	T1-TTYA	067-000 UNIT	01-043-602		
	S-TTYA	LW		603	S-TTYA	067-000 UNIT	01-043-603		
	R-TTYA	LW		604	R-TTYA	067-000 UNIT	01-043-604		
	R1-TTYA	LW		605	R1-TTYA	067-000 UNIT	01-043-605		
	S1-TTYA	LW		606	S1-TTYA	067-000 UNIT	01-043-606		
	T-TTYB	LW		607	T-TTYB	067-000 UNIT	01-043-607		
	T1-TTYB	LW		608	T1-TTYB	067-000 UNIT	01-043-608		
	S-TTYB	LW		609	S-TTYB	067-000 UNIT	01-043-609		
	R-TTYB	LW		610	R-TTYB	067-000 UNIT	01-043-610		
	R1-TTYB	LW		611	R1-TTYB	067-000 UNIT	01-043-611		
	S1-TTYB	LW		612	S1-TTYB	067-000 UNIT	01-043-612		
	S-SP	LW		701	S-SP	067-000 UNIT	01-043-701		
	R-SP	LW		702	R-SP	067-000 UNIT	01-043-702		
	T-SP	LW		703	T-SP	067-000 UNIT	01-043-703		
	R	LW		704	R	067-000 UNIT	01-043-704		
	R1	LW		705	R1	067-000 UNIT	01-043-705		
	T1	LW		706	T1	067-000 UNIT	01-043-706		
	T	LW		707	T	067-000 UNIT	01-043-707		

AP FIG 1 CAD 119

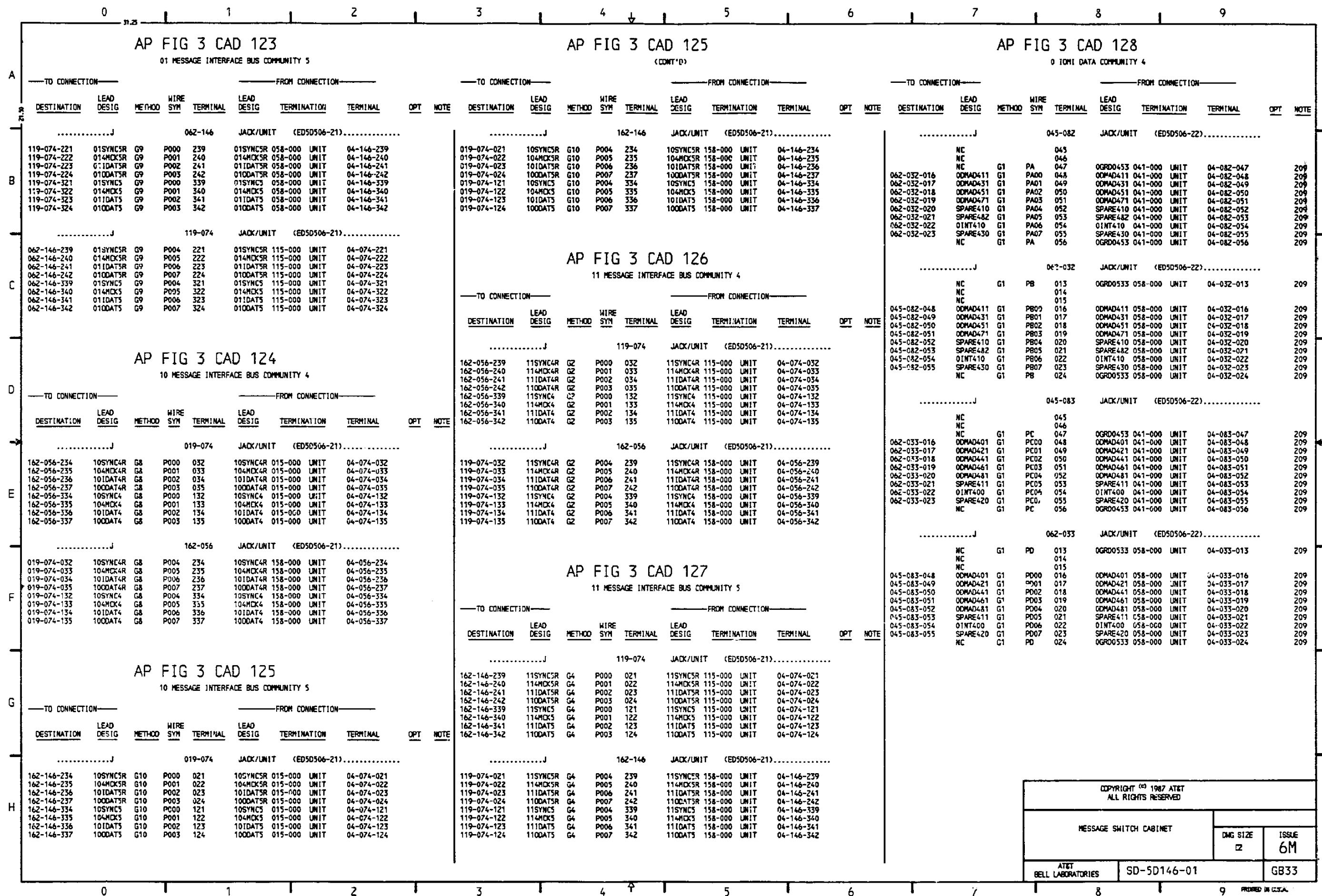
0 FRAME JACK PANEL B

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO INTERFACE COMMUNICATIONS CIRCUIT	T-TTYA	LW		401	T-TTYA	067-000 UNIT	01-043-401		
	T1-TTYA	LW		402	T1-TTYA	067-000 UNIT	01-043-402		
	S-TTYA	LW		403	S-TTYA	067-000 UNIT	01-043-403		
	R-TTYA	LW		404	R-TTYA	067-000 UNIT	01-043-404		
	R1-TTYA	LW		405	R1-TTYA	067-000 UNIT	01-043-405		
	S1-TTYA	LW		406	S1-TTYA	067-000 UNIT	01-043-406		
	T-TTYB	LW		407	T-TTYB	067-000 UNIT	01-043-407		
	T1-TTYB	LW		408	T1-TTYB	067-000 UNIT	01-043-408		
	S-TTYB	LW		409	S-TTYB	067-000 UNIT	01-043-409		
	R-TTYB	LW		410	R-TTYB	067-000 UNIT	01-043-410		
	R1-TTYB	LW		411	R1-TTYB	067-000 UNIT	01-043-411		
	S1-TTYB	LW		412	S1-TTYB	067-000 UNIT	01-043-412		
	S-SP	LW		501	S-SP	067-000 UNIT	01-043-501		
	R-SP	LW		502	R-SP	067-000 UNIT	01-043-502		
	T-SP	LW		503	T-SP	067-000 UNIT	01-043-503		
	R	LW		504	R	067-000 UNIT	01-043-504		
	R1	LW		505	R1	067-000 UNIT	01-043-505		
	T1	LW		506	T1	067-000 UNIT	01-043-506		
	T	LW		507	T	067-000 UNIT	01-043-507		

AP FIG 3 CAD 120

00 MESSAGE INTERFACE BUS COMMUNITY 4

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				019-074	JACK/UNIT	(EDSD506-21).....			
062-056-234	00SYNCR	G1	P000	232	00SYNCR	015-000 UNIT	04-074-232		
062-056-235	004MCKR	G1	P001	233	004MCKR	015-000 UNIT	04-074-233		
062-056-236	001DAT4R	G1	P002	234	001DAT4R	015-000 UNIT	04-074-234		
062-056-237	000DAT4R	G1	P003	235	000DAT4R	015-000 UNIT	04-074-235		
062-056-334	00SYNCR	G1	P000	332	00SYNCR	015-000 UNIT	04-074-332		
062-056-335	004MCKR	G1	P001	333	004MCKR	015-000 UNIT	04-074-333		
062-056-336	001DAT4	G1	P002	334	001DAT4	015-000 UNIT	04-074-334		
062-056-337	000DAT4	G1	P003	335	000DAT4	015-000 UNIT	04-074-335		
.....J				062-056	JACK/UNIT	(EDSD506-21).....			
019-074-232	00SYNCR	G1	P004	234	00SYNCR	058-000 UNIT	04-056-234		
019-074-233	004MCKR	G1	P005	235	004MCKR	058-000 UNIT	04-056-235		
019-074-234	001DAT4R	G1	P006	236	001DAT4R	058-000 UNIT	04-056-236		
019-074-235	000DAT4R	G1	P007	237	000DAT4R	058-000 UNIT	04-056-237		
019-074-332	00SYNCR	G1	P004	334	00SYNCR	058-000 UNIT	04-056-334		
019-074-333	004MCKR	G1	P005	335	004MCKR	058-000 UNIT	04-056-335		
019-074-334	001DAT4	G1	P006	336	001DAT4	058-000 UNIT	04-056-336		
019-074-335	000DAT4	G1	P007	337	000DAT4	058-000 UNIT	04-056-337		



Copyright © 1987 AT&T
All Rights Reserved

MESSAGE SWITCH CABINET

AT&T
BELL LABORATORIES

SD-5D146-01

DWG SIZE
2

ISSUE
6M

G833

AP FIG 3 CAD 129

0 IOMI ADDRESS COMMUNITY 4

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----J 045-082 JACK/UNIT (ED5D506-22)-----									
	NC			032					
	NC			033					
	NC			034					
062-032-003	ODMA4011	G1	PA00	035	0GRD0452	041-000 UNIT	04-082-034	209	
062-032-004	ODMA4031	G1	PA01	036	ODMA4011	041-000 UNIT	04-082-035	209	
062-032-005	ODMA4051	G1	PA02	037	ODMA4031	041-000 UNIT	04-082-036	209	
062-032-006	ODMA4071	G1	PA03	038	ODMA4051	041-000 UNIT	04-082-037	209	
062-032-007	ODMA4091	G1	PA04	039	ODMA4071	041-000 UNIT	04-082-038	209	
062-032-008	ODMA4111	G1	PA05	040	ODMA4091	041-000 UNIT	04-082-039	209	
062-032-009	ODMA4131	G1	PA06	041	ODMA4111	041-000 UNIT	04-082-040	209	
062-032-010	ODMA4151	G1	PA07	042	ODMA4131	041-000 UNIT	04-082-041	209	
	NC	G1	PA	043	ODMA4151	041-000 UNIT	04-082-042	209	
					0GRD0452	041-000 UNIT	04-082-043	209	
-----J 062-032 JACK/UNIT (ED5D506-22)-----									
	NC	G1	PB	000	0GRD0532	058-000 UNIT	04-032-000	209	
	NC			001					
	NC			002					
045-082-035	ODMA4011	G1	PB00	003	ODMA4011	058-000 UNIT	04-032-003	209	
045-082-036	ODMA4031	G1	PB01	004	ODMA4031	058-000 UNIT	04-032-004	209	
045-082-037	ODMA4051	G1	PB02	005	ODMA4051	058-000 UNIT	04-032-005	209	
045-082-038	ODMA4071	G1	PB03	006	ODMA4071	058-000 UNIT	04-032-006	209	
045-082-039	ODMA4091	G1	PB04	007	ODMA4091	058-000 UNIT	04-032-007	209	
045-082-040	ODMA4111	G1	PB05	008	ODMA4111	058-000 UNIT	04-032-008	209	
045-082-041	ODMA4131	G1	PB06	009	ODMA4131	058-000 UNIT	04-032-009	209	
045-082-042	ODMA4151	G1	PB07	010	ODMA4151	058-000 UNIT	04-032-010	209	
	NC	G1	PB	011	0GRD0532	058-000 UNIT	04-032-011	209	
-----J 045-083 JACK/UNIT (ED5D506-22)-----									
	NC			032					
	NC			033					
	NC			034					
062-033-003	ODMA4001	G1	PC00	035	0GRD0452	041-000 UNIT	04-083-034	209	
062-033-004	ODMA4021	G1	PC01	036	ODMA4001	041-000 UNIT	04-083-035	209	
062-033-005	ODMA4041	G1	PC02	037	ODMA4021	041-000 UNIT	04-083-036	209	
062-033-006	ODMA4061	G1	PC03	038	ODMA4041	041-000 UNIT	04-083-037	209	
062-033-007	ODMA4081	G1	PC04	039	ODMA4061	041-000 UNIT	04-083-038	209	
062-033-008	ODMA4101	G1	PC05	040	ODMA4081	041-000 UNIT	04-083-039	209	
062-033-009	ODMA4121	G1	PC06	041	ODMA4101	041-000 UNIT	04-083-040	209	
062-033-010	ODMA4141	G1	PC07	042	ODMA4121	041-000 UNIT	04-083-041	209	
	NC	G1	PC	043	ODMA4141	041-000 UNIT	04-083-042	209	
					0GRD0452	041-000 UNIT	04-083-043	209	
-----J 062-033 JACK/UNIT (ED5D506-22)-----									
	NC			000					
	NC			001					
	NC			002					
045-083-035	ODMA4001	G1	PD00	003	0GRD0532	058-000 UNIT	04-033-003	209	
045-083-036	ODMA4021	G1	PD01	004	ODMA4001	058-000 UNIT	04-033-004	209	
045-083-037	ODMA4041	G1	PD02	005	ODMA4021	058-000 UNIT	04-033-005	209	
045-083-038	ODMA4061	G1	PD03	006	ODMA4041	058-000 UNIT	04-033-006	209	
045-083-039	ODMA4081	G1	PD04	007	ODMA4061	058-000 UNIT	04-033-007	209	
045-083-040	ODMA4101	G1	PD05	008	ODMA4081	058-000 UNIT	04-033-008	209	
045-083-041	ODMA4121	G1	PD06	009	ODMA4101	058-000 UNIT	04-033-009	209	
045-083-042	ODMA4141	G1	PD07	010	ODMA4121	058-000 UNIT	04-033-010	209	
	NC	G1	PD	011	ODMA4141	058-000 UNIT	04-033-011	209	
					0GRD0532	058-000 UNIT	04-033-011	209	

AP FIG 3 CAD 130

0 IOMI CONTROL COMMUNITY 4

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				045-082	JACK/UNIT	(ED5D506-22).....			
	NC			013					
	NC			014					
	NC			015					
062-030-016	0CSA400	G1	PA	016	0GRD0451	041-000 UNIT	04-082-015		209
062-030-017	0CSA410	G1	PA01	017	0CSA400	041-000 UNIT	04-082-016		209
062-030-018	SPARE420	G1	PA02	018	0CSA410	041-000 UNIT	04-082-017		209
062-030-019	SPARE430	G1	PA03	019	SPARE420	041-000 UNIT	04-082-018		209
062-030-020	0CLRRC40	G1	PA04	020	SPARE430	041-000 UNIT	04-082-019		209
					0CLRRC40	041-000 UNIT	04-082-020		209

AP FIG 3 CAD 130

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				045-082 (CONT'D)	JACK/UNIT	(ED5D506-22)	.....		
062-030-021	0S1SL840	G1	PA05	021	0S1SL840	041-000 UNIT	04-082-021		209
062-030-022	0SR410	G1	PA06	022	0SR410	041-000 UNIT	04-082-022		209
062-030-023	SPARE430	G1	PA07	023	SPARE430	041-000 UNIT	04-082-023		209
	NC	G1	PA	024	0GRD0451	041-000 UNIT	04-082-024		209
.....J				062-030	JACK/UNIT	(ED5D506-22)	.....		
	NC	G1	PB	013	0GRD0531	058-000 UNIT	04-030-013		209
	NC			014					
	NC			015					
045-082-016	0CSA400	G1	PB00	016	0CSA400	058-000 UNIT	04-030-016		209
045-082-017	0CSA410	G1	PB01	017	0CSA410	058-000 UNIT	04-030-017		209
045-082-018	SPARE420	G1	PB02	018	SPARE420	058-000 UNIT	04-030-018		209
045-082-019	SPARE430	G1	PB03	019	SPARE430	058-000 UNIT	04-030-019		209
045-082-020	0CLRPPC40	G1	PB04	020	0CLRPPC40	058-000 UNIT	04-030-020		209
045-082-021	0S1SL840	G1	PB05	021	0S1SL840	058-000 UNIT	04-030-021		209
045-082-022	0SR410	G1	PB06	022	0SR410	058-000 UNIT	04-030-022		209
045-082-023	SPARE430	G1	PB07	023	SPARE430	058-000 UNIT	04-030-023		209
	NC	G1	PB	024	0GRD0531	058-000 UNIT	04-030-024		209
.....J				045-083	JACK/UNIT	(ED5D506-22)	.....		
	NC			013					
	NC			014					
	NC			015					
062-031-016	0DMAHR40	G1	PC	015	0GRD0451	041-000 UNIT	04-083-015		209
062-031-017	0DMARD40	G1	PC00	016	0DMAHR40	041-000 UNIT	04-083-016		209
062-031-018	0DMARD40	G1	PC01	017	0DMARD40	041-000 UNIT	04-083-017		209
062-031-019	0DMAOC40	G1	PC02	018	0DMAOC40	041-000 UNIT	04-083-018		209
062-031-020	0DMAOC40	G1	PC03	019	0DMAOC40	041-000 UNIT	04-083-019		209
062-031-021	0CLINT40	G1	PC04	020	0CLINT40	041-000 UNIT	04-083-020		209
062-031-022	0S1SL840	G1	PC05	021	0S1SL840	041-000 UNIT	04-083-021		209
062-031-023	0SR400	G1	PC06	022	0SR400	041-000 UNIT	04-083-022		209
	SPARE420	G1	PC07	023	SPARE420	041-000 UNIT	04-083-023		209
	NC	G1	PC	024	0GRD0451	041-000 UNIT	04-083-024		209
.....J				062-031	JACK/UNIT	(ED5D506-22)	.....		
	NC	G1	PD	013	0GRD0531	058-000 UNIT	04-031-013		209
	NC			014					
	NC			015					
045-083-016	0DMAHR40	G1	PD00	016	0DMAHR40	058-000 UNIT	04-031-016		209
045-083-017	0DMARD40	G1	PD01	017	0DMARD40	058-000 UNIT	04-031-017		209
045-083-018	0DMAOC40	G1	PD02	018	0DMAOC40	058-000 UNIT	04-031-018		209
045-083-019	0DMARD40	G1	PD03	019	0DMARD40	058-000 UNIT	04-031-019		209
045-083-020	0CLINT40	G1	PD04	020	0CLINT40	058-000 UNIT	04-031-020		209
045-083-021	0S1SL840	G1	PD05	021	0S1SL840	058-000 UNIT	04-031-021		209
045-083-022	0SR400	G1	PD06	022	0SR400	058-000 UNIT	04-031-022		209
045-083-023	SPARE420	G1	PD07	023	SPARE420	058-000 UNIT	04-031-023		209
	NC	G1	PD	024	0GRD0531	058-000 UNIT	04-031-024		209

AP FIG 3 CAD 131

0 IOMI SERVICE COMMUNITY 4

TO CONNECTION				FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL			
.....J				045-082	JACK/UNIT	(ED5D506-22).....				
	NC			000						
	NC			001						
	NC		PA	002	0GRD0450	041-000	UNIT	04-082-002	209	
062-030-003	SPARE412	G1	PA00	003	SPARE412	041-000	UNIT	04-082-003	209	
062-030-004	SPARE413	G1	PA01	004	SPARE413	041-000	UNIT	04-082-004	209	
062-030-005	SPARE414	G1	PA02	005	SPARE414	041-000	UNIT	04-082-005	209	
062-030-006	00DL40	G1	PA03	006	00DL40	041-000	UNIT	04-082-006	209	
062-030-007	0ER400	G1	PA04	007	0ER400	041-000	UNIT	04-082-007	209	
062-030-008	0ER410	G1	PA05	008	0ER410	041-000	UNIT	04-082-008	209	
062-030-009	SPARE420	G1	PA06	009	SPARE420	041-000	UNIT	04-082-009	209	
062-030-010	SPARE430	G1	PA07	010	SPARE430	041-000	UNIT	04-082-010	209	
	NC	G1	PA	011	0GRD0450	041-000	UNIT	04-082-011	209	

AP FIG 3 CAD 132

0 IOMI DATA COMMUNITY 5

TO CONNECTION				FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
				062-122	JACK/UNIT	(EDSD506-22).....				
	NC	G2	PA	013	0GRD0283	058-000	UNIT	04-122-013		
	NC			014						
	NC			015						
045-084-048	ODMA511	G2	PA00	016	ODMA511	058-000	UNIT	04-122-016	209	
045-084-049	ODMA531	G2	PA01	017	ODMA531	058-000	UNIT	04-122-017	209	
045-084-050	ODMA551	G2	PA02	018	ODMA551	058-000	UNIT	04-122-018	209	
045-084-051	ODMA571	G2	PA03	019	ODMA571	058-000	UNIT	04-122-019	209	
045-084-052	SPARE519	G2	PA04	020	SPARE519	058-000	UNIT	04-122-020	209	
045-084-053	SPARE583	G2	PA05	021	SPARE583	058-000	UNIT	04-122-021	209	
045-084-054	01NT510	G2	PA06	022	01NT510	058-000	UNIT	04-122-022	209	
045-084-055	SPARE530	G2	PA07	023	SPARE530	058-000	UNIT	04-122-023	209	
	NC	G2	PA	024	0GRD0283	058-000	UNIT	04-122-024	209	
				045-084	JACK/UNIT	(EDSD506-22).....				
	NC			045						
	NC			046						
	NC	G2	PB	047	0GRD0453	041-000	UNIT	04-084-047		
062-122-016	ODMA511	G2	PB00	048	ODMA511	041-000	UNIT	04-084-048	209	
062-122-017	ODMA531	G2	PB01	049	ODMA531	041-000	UNIT	04-084-049	209	
062-122-018	ODMA551	G2	PB02	050	ODMA551	041-000	UNIT	04-084-050	209	
062-122-019	ODMA571	G2	PB03	051	ODMA571	041-000	UNIT	04-084-051	209	
062-122-020	SPARE519	G2	PB04	052	SPARE519	041-000	UNIT	04-084-052	209	
062-122-021	SPARE583	G2	PB05	053	SPARE583	041-000	UNIT	04-084-053	209	
062-122-022	01NT510	G2	PB06	054	01NT510	041-000	UNIT	04-084-054	209	
062-122-023	SPARE530	G2	PB07	055	SPARE530	041-000	UNIT	04-084-055	209	
	NC	G2	PB	056	0GRD0453	041-000	UNIT	04-084-056	209	
				062-123	JACK/UNIT	(EDSD506-22).....				
	NC	G2	PC	013	0GRD0283	058-000	UNIT	04-123-013		
	NC			014						
	NC			015						
045-085-048	ODMA501	G2	PC00	016	ODMA501	058-000	UNIT	04-123-016	209	
045-085-049	ODMA521	G2	PC01	017	ODMA521	058-000	UNIT	04-123-017	209	
045-085-050	ODMA541	G2	PC02	018	ODMA541	058-000	UNIT	04-123-018	209	
045-085-051	ODMA561	G2	PC03	019	ODMA561	058-000	UNIT	04-123-019	209	
045-085-052	ODMA581	G2	PC04	020	ODMA581	058-000	UNIT	04-123-020	209	
045-085-053	SPARE520	G2	PC05	021	SPARE520	058-000	UNIT	04-123-021	209	
045-085-054	01NT500	G2	PC06	022	01NT500	058-000	UNIT	04-123-022	209	
045-085-055	SPARE520	G2	PC07	023	SPARE520	058-000	UNIT	04-123-023	209	
	NC	G2	PC	024	0GRD0283	058-000	UNIT	04-123-024	209	
				045-085	JACK/UNIT	(EDSD506-22).....				
	NC			045						
	NC			046						
	NC	G2	PD	047	0GRD0453	041-000	UNIT	04-085-047		
062-123-016	ODMA501	G2	PD00	048	ODMA501	041-000	UNIT	04-085-048	209	
062-123-017	ODMA521	G2	PD01	049	ODMA521	041-000	UNIT	04-085-049	209	
062-123-018	ODMA541	G2	PD02	050	ODMA541	041-000	UNIT	04-085-050	209	
062-123-019	ODMA561	G2	PD03	051	ODMA561	041-000	UNIT	04-085-051	209	
062-123-020	ODMA581	G2	PD04	052	ODMA581	041-000	UNIT	04-085-052	209	
062-123-021	SPARE520	G2	PD05	053	SPARE520	041-000	UNIT	04-085-053	209	
062-123-022	01NT500	G2	PD06	054	01NT500	041-000	UNIT	04-085-054	209	
062-123-023	SPARE520	G2	PD07	055	SPARE520	041-000	UNIT	04-085-055	209	
	NC	G2	PD	056	0GRD0453	041-000	UNIT	04-085-056	209	

AP FIG 3 CAD 133

0 IOMI ADDRESS COMMUNITY 5

—TO CONNECTION—				—FROM CONNECTION—				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				062-122	JACK/UNIT	(EDSD506-22).....			
	NC	G2	PA	000	0GRD0282	058-000	UNIT	04-122-000	
	NC			001					
	NC			002					
045-034-035	ODMA5011	G2	PA00	003	ODMA5011	058-000	UNIT	04-122-003	209
045-084-036	ODMA5031	G2	PA01	004	ODMA5031	058-000	UNIT	04-122-004	209
045-084-037	ODMA5051	G2	PA02	005	ODMA5051	058-000	UNIT	04-122-005	209
045-084-038	ODMA5071	G2	PA03	006	ODMA5071	058-000	UNIT	04-122-006	209
045-084-039	ODMA5091	G2	PA04	007	ODMA5091	058-000	UNIT	04-122-007	209

AP FIG 3 CAD 133

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				062-122 (CONT'D)	JACK/UNIT	(EDSD506-22)	.....		
045-084-040	ODMA5111	G2	PA05	008	ODMA5111	058-000	UNIT	04-122-008	209
045-084-041	ODMA5131	G2	PA06	009	ODMA5131	058-000	UNIT	04-122-009	209
045-084-042	ODMA5151	G2	PA07	010	ODMA5151	058-000	UNIT	04-122-010	209
	NC	G2	PA	011	0GRD0282	058-000	UNIT	04-122-011	
.....J				045-084	JACK/UNIT	(EDSD506-22)	.....		
	NC			032					
	NC			033					
	NC			034					
062-122-003	ODMA5011	G2	PB	034	0GRD0452	041-000	UNIT	04-084-034	
062-122-004	ODMA5031	G2	PB00	035	ODMA5011	041-000	UNIT	04-084-035	209
062-122-005	ODMA5051	G2	PB01	036	ODMA5031	041-000	UNIT	04-084-036	209
062-122-006	ODMA5071	G2	PB02	037	ODMA5051	041-000	UNIT	04-084-037	209
062-122-007	ODMA5091	G2	PB03	038	ODMA5071	041-000	UNIT	04-084-038	209
062-122-008	ODMA5111	G2	PB04	039	ODMA5091	041-000	UNIT	04-084-039	209
062-122-009	ODMA5131	G2	PB05	040	ODMA5111	041-000	UNIT	04-084-040	209
062-122-010	ODMA5151	G2	PB06	041	ODMA5131	041-000	UNIT	04-084-041	209
	NC	G2	PB07	042	ODMA5151	041-000	UNIT	04-084-042	209
			PB	043	0GRD0452	041-000	UNIT	04-084-043	
.....J				062-123	JACK/UNIT	(EDSD506-22)	.....		
	NC			000					
	NC			001					
	NC			002					
045-085-035	ODMA5001	G2	PC00	003	ODMA5001	058-000	UNIT	04-123-003	209
045-085-036	ODMA5021	G2	PC01	004	ODMA5021	058-000	UNIT	04-123-004	209
045-085-037	ODMA5041	G2	PC02	005	ODMA5041	058-000	UNIT	04-123-005	209
045-085-038	ODMA5061	G2	PC03	006	ODMA5061	058-000	UNIT	04-123-006	209
045-085-039	ODMA5081	G2	PC04	007	ODMA5081	058-000	UNIT	04-123-007	209
045-085-040	ODMA5101	G2	PC05	008	ODMA5101	058-000	UNIT	04-123-008	209
045-085-041	ODMA5121	G2	PC06	009	ODMA5121	058-000	UNIT	04-123-009	209
045-085-042	ODMA5141	G2	PC07	010	ODMA5141	058-000	UNIT	04-123-010	209
	NC	G2	PC	011	0GRD0282	058-000	UNIT	04-123-011	
.....J				045-085	JACK/UNIT	(EDSD506-22)	.....		
	NC			032					
	NC			033					
	NC			034					
062-123-003	ODMA5001	G2	PD	034	0GRD0452	041-000	UNIT	04-085-034	
062-123-004	ODMA5021	G2	PD00	035	ODMA5001	041-000	UNIT	04-085-035	209
062-123-005	ODMA5041	G2	PD01	036	ODMA5021	041-000	UNIT	04-085-036	209
062-123-006	ODMA5061	G2	PD02	037	ODMA5041	041-000	UNIT	04-085-037	209
062-123-007	ODMA5081	G2	PD03	038	ODMA5061	041-000	UNIT	04-085-038	209
062-123-008	ODMA5101	G2	PD04	039	ODMA5081	041-000	UNIT	04-085-039	209
062-123-009	ODMA5121	G2	PD05	040	ODMA5101	041-000	UNIT	04-085-040	209
062-123-010	ODMA5141	G2	PD06	041	ODMA5121	041-000	UNIT	04-085-041	209
	NC	G2	PD07	042	ODMA5141	041-000	UNIT	04-085-042	209
			PD	043	0GRD0452	041-000	UNIT	04-085-043	

AP FIG 3 CAD 134

0 IOMI CONTROL COMMUNITY 5

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
.....J					062-120	JACK/UNIT (EDSD506-22).....					
	NC	G2	PA	013	0GRD0281	058-000	UNIT	04-120-013			
	NC			014							
	NC			015							
045-084-016	0CSA500	G2	PA00	016	0CSA500	058-000	UNIT	04-120-016		209	
045-084-017	0CSA510	G2	PA01	017	0CSA510	058-000	UNIT	04-120-017		209	
045-084-018	SPARE520	G2	PA02	018	SPARE520	058-000	UNIT	04-120-018		209	
045-084-019	SPARE530	G2	PA03	019	SPARE530	058-000	UNIT	04-120-019		209	
045-084-020	0CLRPC50	G2	PA04	020	0CLRPC50	058-000	UNIT	04-120-020		209	
045-084-021	0S1SL850	G2	PA05	021	0S1SL850	058-000	UNIT	04-120-021		209	
045-084-022	0SR510	G2	PA06	022	0SR510	058-000	UNIT	04-120-022		209	
045-084-023	SPARE530	G2	PA07	023	SPARE530	058-000	UNIT	04-120-023		209	
	NC	G2	PA	024	0GRD0281	058-000	UNIT	04-120-024			

AP FIG 3 CAD 135

0 10M1 SERVICE COMMUNITY 5

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J	062-120	JACK/UNIT	(ED5D506-22)						
NC	G2	PA	000	0GRD0280	058-000	UNIT	04-120-000		
NC			001						
NC			002						
045-084-003	SPARE521	G2	PA00	003	SPARE521	058-000	UNIT	04-120-003	209
045-084-004	SPARE522	G2	PA01	004	SPARE522	058-000	UNIT	04-120-004	209
045-084-005	SPARE523	G2	PA02	005	SPARE523	058-000	UNIT	04-120-005	209
045-084-006	000L50	G2	PA03	006	000L50	058-000	UNIT	04-120-006	209
045-084-007	0ER500	G2	PA04	007	0ER500	058-000	UNIT	04-120-007	209
045-084-008	0ER510	G2	PA05	008	0ER510	058-000	UNIT	04-120-008	209
045-084-009	SPARE520	G2	PA06	009	SPARE520	058-000	UNIT	04-120-009	209
045-084-010	SPARE530	G2	PA07	010	SPARE530	058-000	UNIT	04-120-010	209
NC	G2	PA	011	0GRD0280	058-000	UNIT	04-120-011		
.....J	045-084	JACK/UNIT	(ED5D506-22)						
NC	G2	PC	000	0GRD0450	041-000	UNIT	04-084-002		
NC			001						
062-120-003	SPARE521	G2	PC00	003	SPARE521	041-000	UNIT	04-084-003	209
062-120-004	SPARE522	G2	PC01	004	SPARE522	041-000	UNIT	04-084-004	209
062-120-005	SPARE523	G2	PC02	005	SPARE523	041-000	UNIT	04-084-005	209
062-120-006	000L50	G2	PC03	006	000L50	041-000	UNIT	04-084-006	209
062-120-007	0ER500	G2	PC04	007	0ER500	041-000	UNIT	04-084-007	209
062-120-008	0ER510	G2	PC05	008	0ER510	041-000	UNIT	04-084-008	209
062-120-009	SPARE520	G2	PC06	009	SPARE520	041-000	UNIT	04-084-009	209
062-120-010	SPARE530	G2	PC07	010	SPARE530	041-000	UNIT	04-084-010	209
NC	G2	PC	011	0GRD0450	041-000	UNIT	04-084-011		
.....J	062-121	JACK/UNIT	(ED5D506-22)						
NC	G2	PC	000	0GRD0280	058-000	UNIT	04-121-000		
NC			001						
NC			002						
045-085-003	OPCSL500	G2	PC00	003	OPCSL500	058-000	UNIT	04-121-003	209
045-085-004	OPCSL510	G2	PC01	004	OPCSL510	058-000	UNIT	04-121-004	209
045-085-005	SPARE520	G2	PC02	005	SPARE520	058-000	UNIT	04-121-005	209
045-085-006	SPARE523	G2	PC03	006	SPARE523	058-000	UNIT	04-121-006	209
045-085-007	SPARE524	G2	PC04	007	SPARE524	058-000	UNIT	04-121-007	209
045-085-008	SPARE525	G2	PC05	008	SPARE525	058-000	UNIT	04-121-008	209
045-085-009	SPARE526	G2	PC06	009	SPARE526	058-000	UNIT	04-121-009	209
045-085-010	SPARE527	G2	PC07	010	SPARE527	058-000	UNIT	04-121-010	209
NC	G2	PC	011	0GRD0280	058-000	UNIT	04-121-011		
.....J	045-085	JACK/UNIT	(ED5D506-22)						
NC	G2	PD	000	0GRD0450	041-000	UNIT	04-085-002		
NC			001						
NC			002						
062-121-003	OPCSL500	G2	PD00	003	OPCSL500	041-000	UNIT	04-085-003	209
062-121-004	OPCSL510	G2	PD01	004	OPCSL510	041-000	UNIT	04-085-004	209
062-121-005	SPARE520	G2	PD02	005	SPARE520	041-000	UNIT	04-085-005	209
062-121-006	SPARE523	G2	PD03	006	SPARE523	041-000	UNIT	04-085-006	209
062-121-007	SPARE524	G2	PD04	007	SPARE524	041-000	UNIT	04-085-007	209
062-121-008	SPARE525	G2	PD05	008	SPARE525	041-000	UNIT	04-085-008	209
062-121-009	SPARE526	G2	PD06	009	SPARE526	041-000	UNIT	04-085-009	209
062-121-010	SPARE527	G2	PD07	010	SPARE527	041-000	UNIT	04-085-010	209
NC	G2	PD	011	0GRD0450	041-000	UNIT	04-085-011		

AP FIG 3 CAD 136

1 10M1 DATA COMMUNITY 4

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J	145-082	JACK/UNIT	(ED5D506-22)						
NC	G1	PA	045	1GRD0453	141-000	UNIT	04-082-047		209
NC			046						
NC			047						
162-032-016	1DMAD411	G1	PA00	048	1DMAD411	141-000	UNIT	04-082-048	209
162-032-017	1DMAD431	G1	PA01	049	1DMAD431	141-000	UNIT	04-082-049	209
162-032-018	1DMAD451	G1	PA02	050	1DMAD451	141-000	UNIT	04-082-050	209
162-032-019	1DMAD471	G1	PA03	051	1DMAD471	141-000	UNIT	04-082-051	209
162-032-020	SPARE410	G1	PA04	052	SPARE410	141-000	UNIT	04-082-052	209

AP FIG 3 CAD 136

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J	145-082	JACK/UNIT	(ED5D506-22)						
162-032-021	SPARE482	G1	PA05	053	SPARE482	141-000	UNIT	04-082-053	209
162-032-022	11NT410	G1	PA06	054	11NT410	141-000	UNIT	04-082-054	209
162-032-023	SPARE430	G1	PA07	055	SPARE430	141-000	UNIT	04-082-055	209
NC	G1	PA	056	1GRD0453	141-000	UNIT	04-082-056		209
.....J	162-032	JACK/UNIT	(ED5D506-22)						
NC	G1	PC	013	1GRD0532	158-000	UNIT	04-032-013		209
NC			014						
NC			015						
145-082-048	1DMAD411	G1	PC00	016	1DMAD411	158-000	UNIT	04-032-016	209
145-082-049	1DMAD431	G1	PC01	017	1DMAD431	158-000	UNIT	04-032-017	209
145-082-050	1DMAD451	G1	PC02	018	1DMAD451	158-000	UNIT	04-032-018	209
145-082-051	1DMAD471	G1	PC03	019	1DMAD471	158-000	UNIT	04-032-019	209
145-082-052	SPARE410	G1	PC04	020	SPARE410	158-000	UNIT	04-032-020	209
145-082-053	SPARE482	G1	PC05	021	SPARE482	158-000	UNIT	04-032-021	209
145-082-054	11NT410	G1	PC06	022	11NT410	158-000	UNIT	04-032-022	209
145-082-055	SPARE430	G1	PC07	023	SPARE430	158-000	UNIT	04-032-023	209
NC	G1	PC	024	1GRD0533	158-000	UNIT	04-032-024		209
.....J	145-083	JACK/UNIT	(ED5D506-22)						
NC	G1	PC	045	1GRD0453	141-000	UNIT	04-083-047		209
NC			046						
NC			047						
162-033-016	1DMAD401	G1	PC00	048	1DMAD401	141-000	UNIT	04-083-048	209
162-033-017	1DMAD421	G1	PC01	049	1DMAD421	141-000	UNIT	04-083-049	209
162-033-018	1DMAD441	G1	PC02	050	1DMAD441	141-000	UNIT	04-083-050	209
162-033-019	1DMAD461	G1	PC03	051	1DMAD461	141-000	UNIT	04-083-051	209
162-033-020	1DMAD481	G1	PC04	052	1DMAD481	141-000	UNIT	04-083-052	209
162-033-021	SPARE411	G1	PC05	053	SPARE411	141-000	UNIT	04-083-053	209
162-033-022	11NT400	G1	PC06	054	11NT400	141-000	UNIT	04-083-054	209
162-033-023	SPARE420	G1	PC07	055	SPARE420	141-000	UNIT	04-083-055	209
NC	G1	PC	056	1GRD0453	141-000	UNIT	04-083-056		209
.....J	162-033	JACK/UNIT	(ED5D506-22)						
NC	G1	PD	013	1GRD0533	158-000	UNIT	04-033-013		209
NC			014						
NC			015						
145-083-048	1DMAD401	G1	PD00	016	1DMAD401	158-000	UNIT	04-033-016	209
145-083-049	1DMAD421	G1	PD01	017	1DMAD421	158-000	UNIT	04-033-017	209
145-083-050	1DMAD441	G1	PD02	018	1DMAD441	158-000	UNIT	04-033-018	209
145-083-051	1DMAD461	G1	PD03	019	1DMAD461	158-000	UNIT	04-033-019	209
145-083-052	1DMAD481	G1	PD04	020	1DMAD481	158-000	UNIT	04-033-020	209
145-083-053	SPARE411	G1	PD05	021	SPARE411	158-000	UNIT	04-033-021	209
145-083-054	11NT400	G1	PD06	022	11NT400	158-000	UNIT	04-033-022	209
145-083-055	SPARE420	G1	PD07	023	SPARE420	158-000	UNIT	04-033-023	209
NC	G1	PD	024	1GRD0533	158-000	UNIT	04-033-024		209

AP FIG 3 CAD 137

1 10M1 ADDRESS COMMUNITY 4

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	LEAD DESIG	TERMINATION	TERMINAL			
.....J	145-082	JACK/UNIT	(ED5D506-22)						
NC	G1	PA	032	1GRD0452	141-000	UNIT	04-082-034		209
NC			033						
NC			034						
162-032-003	1DMA4011	G1	PA00	035	1DMA4011	141-000	UNIT	04-082-035	209
162-032-004	1DMA4031	G1	PA01	036	1DMA4031	141-000	UNIT	04-082-036	209
162-032-005	1DMA4051	G1	PA02	037	1DMA4051	141-000	UNIT	04-082-037	209
162-032-006	1DMA4071	G1	PA03	038	1DMA4071	141-000	UNIT	04-082-038	209
162-032-007	1DMA4091	G1	PA04	039	1DMA4091	141-000	UNIT	04-082-039	209
162-032-008	1DMA4111	G1	PA05	040	1DMA4111	141-000	UNIT	04-082-040	209
162-032-009	1DMA4131	G1	PA06	041	1DMA4131	141-000	UNIT	04-082-041	209
162-032-010	1DMA4151	G1	PA07	042	1DMA4151	141-000	UNIT	04-082-042	209
NC	G1	PA	043	1GRD0452	141-000	UNIT	04-082-043		209

AP FIG 3 CAD 137

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				162-032	JACK/UNIT	(ED5D506-22).....			
	NC	G1	P8	000	1GRD0532	158-000	UNIT	04-032-000	209
	NC			001					
	NC			002					
145-082-035	1DMA4011	G1	P800	003	1DMA4011	158-000	UNIT	04-032-003	209
145-082-036	1DMA4031	G1	P801	004	1DMA4031	158-000	UNIT	04-032-004	209
145-082-037	1DMA4051	G1	P802	005	1DMA4051	158-000	UNIT	04-032-005	209
145-082-038	1DMA4071	G1	P803	006	1DMA4071	158-000	UNIT	04-032-006	209
145-082-039	1DMA4091	G1	P804	007	1DMA4091	158-000	UNIT	04-032-007	209
145-082-040	1DMA4111	G1	P805	008	1DMA4111	158-000	UNIT	04-032-008	209
145-082-041	1DMA4131	G1	P806	009	1DMA4131	158-000	UNIT	04-032-009	209
145-082-042	1DMA4151	G1	P807	010	1DMA4151	158-000	UNIT	04-032-010	209
	NC	G1	P8	011	1GRD0532	158-000	UNIT	04-032-011	209
.....J				145-J83	JACK/UNIT	(ED5D506-22).....			
	NC			032					
	NC			033					
	NC	G1	PC	034	1GRD0452	141-000	UNIT	04-083-034	209
162-033-003	1DMA4001	G1	PC00	035	1DMA4001	141-000	UNIT	04-083-035	209
162-033-004	1DMA4021	G1	PC01	036	1DMA4021	141-000	UNIT	04-083-036	209
162-033-005	1DMA4041	G1	PC02	037	1DMA4041	141-000	UNIT	04-083-037	209
162-033-006	1DMA4061	G1	PC03	038	1DMA4061	141-000	UNIT	04-083-038	209
162-033-007	1DMA4081	G1	PC04	039	1DMA4081	141-000	UNIT	04-083-039	209
162-033-008	1DMA4101	G1	PC05	040	1DMA4101	141-000	UNIT	04-083-040	209
162-033-009	1DMA4121	G1	PC06	041	1DMA4121	141-000	UNIT	04-083-041	209
162-033-010	1DMA4141	G1	PC07	042	1DMA4141	141-000	UNIT	04-083-042	209
	NC	G1	PC	043	1GRD0452	141-000	UNIT	04-083-043	209
.....J				162-033	JACK/UNIT	(ED5D506-22).....			
	NC	G1	PD	000	1GRD0532	158-000	UNIT	04-033-000	209
	NC			001					
	NC			002					
145-083-035	1DMA4001	G1	PD00	003	1DMA4001	158-000	UNIT	04-033-003	209
145-083-036	1DMA4021	G1	PD01	004	1DMA4021	158-000	UNIT	04-033-004	209
145-083-037	1DMA4041	G1	PD02	005	1DMA4041	158-000	UNIT	04-033-005	209
145-083-038	1DMA4061	G1	PD03	006	1DMA4061	158-000	UNIT	04-033-006	209
145-083-039	1DMA4081	G1	PD04	007	1DMA4081	158-000	UNIT	04-033-007	209
145-083-040	1DMA4101	G1	PD05	008	1DMA4101	158-000	UNIT	04-033-008	209
145-083-041	1DMA4121	G1	PD06	009	1DMA4121	158-000	UNIT	04-033-009	209
145-083-042	1DMA4141	G1	PD07	010	1DMA4141	158-000	UNIT	04-033-010	209
	NC	G1	PD	011	1GRD0532	158-000	UNIT	04-033-011	209

1 IOMI CONTROL COMMUNITY 4

AP FIG 3 CAD 139									
1 IDMI SERVICE COMMUNITY 4									
TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				145-082	JACK/UNIT	(ED5D506-22)	.....		
	NC			000					
	NC			001					
	NC			002					
162-030-003	SPARE412	G1	PA	002	1GR00450	141-000	UNIT	04-082-002	209
162-030-004	SPARE413	G1	PA00	003	SPARE412	141-000	UNIT	04-082-003	209
162-030-005	SPARE414	G1	PA01	004	SPARE413	141-000	UNIT	04-082-004	209
162-030-006	100L40	G1	PA02	005	SPARE414	141-000	UNIT	04-082-005	209
162-030-007	1ER400	G1	PA03	006	100L40	141-000	UNIT	04-082-006	209
			PA04	007	1ER400	141-000	UNIT	04-082-007	209

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
-----J				145-082 (CONT'D)	JACK/UNIT	(ED5D506-22)	-----		
142-030-008	1ER410	G1	PA05	008	1ER410	141-000	UNIT	04-082-008	209
162-030-009	SPARE420	G1	PA06	009	SPARE420	141-000	UNIT	04-082-009	209
162-030-010	SPARE430	G1	PA07	010	SPARE430	141-000	UNIT	04-082-010	209
	NC	G1	PA	011	1GRD0450	141-000	UNIT	04-082-011	209
-----J				162-030	JACK/UNIT	(ED5D506-22)	-----		
	NC	G1	PG	000	1GRD0930	158-000	UNIT	04-030-000	
	NC			001					
	NC			002					
145-082-003	SPARE412	G1	PB00	003	SPARE412	158-000	UNIT	04-030-003	209
145-082-004	SPARE413	G1	PB01	004	SPARE413	158-000	UNIT	04-030-004	209
145-082-005	SPARE414	G1	PB02	005	SPARE414	158-000	UNIT	04-030-005	209
145-082-006	100L40	G1	PB03	006	100L40	158-000	UNIT	04-030-006	209
145-082-007	1ER400	G1	PB04	007	1ER400	158-000	UNIT	04-030-007	209
145-082-008	1ER410	G1	PB05	008	1ER410	158-000	UNIT	04-030-008	209
145-082-009	SPARE420	G1	PB06	009	SPARE420	158-000	UNIT	04-030-009	209
145-082-010	SPARE430	G1	PB07	010	SPARE430	158-000	UNIT	04-030-010	209
	NC	G1	PG	011	1GRD0530	158-000	UNIT	04-030-011	209
-----J				145-083	JACK/UNIT	(ED5D506-22)	-----		
	NC			000					
	NC			001					
	NC			002					
162-031-003	1PCSL400	G1	PC	003	1GRD0450	141-000	UNIT	04-083-003	209
162-031-004	1PCSL410	G1	PC01	004	1PCSL400	141-000	UNIT	04-083-004	209
162-031-005	SPARE420	G1	PC02	005	1PCSL410	141-000	UNIT	04-083-005	209
162-031-006	SPARE430	G1	PC03	006	SPARE420	141-000	UNIT	04-083-006	209
162-031-007	SPARE415	G1	PC04	007	SPARE430	141-000	UNIT	04-083-007	209
162-031-008	SPARE416	G1	PC05	008	SPARE415	141-000	UNIT	04-083-008	209
162-031-009	SPARE417	G1	PC06	009	SPARE416	141-000	UNIT	04-083-009	209
162-031-010	SPARE418	G1	PC07	010	SPARE417	141-000	UNIT	04-083-010	209
	NC	G1	PC	011	SPARE418	141-000	UNIT	04-083-011	209
	NC			011	1GRD0450	141-000	UNIT	04-083-011	209
-----J				162-031	JACK/UNIT	(ED5D506-22)	-----		
	NC	G1	PD	000	1GRD0530	158-000	UNIT	04-031-000	
	NC			001					
	NC			002					
145-083-003	1PCSL400	G1	PD00	003	1PCSL400	158-000	UNIT	04-031-003	209
145-083-004	1PCSL410	G1	PD01	004	1PCSL410	158-000	UNIT	04-031-004	209
145-083-005	SPARE420	G1	PD02	005	SPARE420	158-000	UNIT	04-031-005	209
145-083-006	SPARE430	G1	PD03	006	SPARE430	158-000	UNIT	04-03	

1 ICHI DATA COMMUNITY 5

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				162-122	JACK/UNIT	(EDSD506-22)	.....		
	NC	G2	PA	013	1GRD0283	158-000	UNIT	04-122-013	
	NC			014					
	NC			015					
145-084-048	1DMAD511	G2	PA00	016	1DMAD511	15R-000	UNIT	04-122-016	209
145-084-049	1DMAD531	G2	PA01	017	1DMAD531	158-000	UNIT	04-122-017	209
145-084-050	1DMAD551	G2	PA02	018	1DMAD551	158-000	UNIT	04-122-018	209
145-084-051	1DMAD571	G2	PA03	019	1DMAD571	158-000	UNIT	04-122-019	209
145-084-052	SPARE519	G2	PA04	020	SPARE519	158-000	UNIT	04-122-020	209
145-084-053	SPARE583	G2	PA05	021	SPARE583	158-000	UNIT	04-122-021	209
145-084-054	11NT510	G2	PA06	022	11NT510	158-000	UNIT	04-122-022	209
145-084-055	SPARE530	G2	PA07	023	SPARE530	158-000	UNIT	04-122-023	209
	NC	G2	PA	024	1GRD0283	158-000	UNIT	04-122-024	

(CONT'D)

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				145-084	JACK/UNIT	(EDSD506-22).....			
	NC			045					
	NC			046					
	NC			047					
162-122-016	1DMAD511	G2	P8	048	1GRD0453	141-000 UNIT	04-084-047		
162-122-017	1DMAD531	G2	P800	048	1DMAD511	141-000 UNIT	04-084-048		209
162-122-018	1DMAD531	G2	P801	049	1DMAD531	141-000 UNIT	04-084-049		209
162-122-019	1DMAD531	G2	P802	050	1DMAD531	141-000 UNIT	04-084-050		209
162-122-019	1DMAD571	G2	P803	051	1DMAD571	141-000 UNIT	04-084-051		209
162-122-020	SPARE519	G2	P804	052	SPARE519	141-000 UNIT	04-084-052		209
162-122-021	SPARE583	G2	P805	053	SPARE583	141-000 UNIT	04-084-053		209
162-122-022	11NT510	G2	P806	054	11NT510	141-000 UNIT	04-084-054		209
162-122-023	SPARE530	G2	P807	055	SPARE530	141-000 UNIT	04-084-055		209
	NC	G2	P8	056	1GRD0453	141-000 UNIT	04-084-056		
.....J				162-123	JACK/UNIT	(EDSD506-22).....			
	NC	G2	PC	013	1GRD0283	158-000 UNIT	04-123-013		
	NC			014					
	NC			015					
145-085-048	1DMAD501	G2	PC09	016	1DMAD501	158-000 UNIT	04-123-016		209
145-085-049	1DMAD521	G2	PC01	017	1DMAD521	158-000 UNIT	04-123-017		209
145-085-050	1DMAD541	G2	PC02	018	1DMAD541	158-000 UNIT	04-123-018		209
145-085-051	1DMAD561	G2	PC03	019	1DMAD561	158-000 UNIT	04-123-019		209
145-085-052	1DMAD581	G2	PC04	020	1DMAD581	158-000 UNIT	04-123-020		209
145-085-053	SPARE520	G2	PC05	021	SPARE520	158-000 UNIT	04-123-021		209
145-085-054	11NT500	G2	PC06	022	11NT500	158-000 UNIT	04-123-022		209
145-085-055	SPARE520	G2	PC07	023	SPARE520	158-000 UNIT	04-123-023		209
	NC	G2	PC	024	1GRD0283	158-000 UNIT	04-123-024		
.....J				145-085	JACK/UNIT	(EDSD506-22).....			
	NC			045					
	NC			046					
	NC			047					
162-123-016	1DMAD501	G2	PD	048	1GRD0453	141-000 UNIT	04-085-047		
162-123-017	1DMAD521	G2	PD00	048	1DMAD501	141-000 UNIT	04-085-048		209
162-123-018	1DMAD541	G2	PD01	049	1DMAD521	141-000 UNIT	04-085-049		209
162-123-019	1DMAD561	G2	PD02	050	1DMAD541	141-000 UNIT	04-085-050		209
162-123-019	1DMAD581	G2	PD03	051	1DMAD561	141-000 UNIT	04-085-051		209
162-123-020	1DMAD561	G2	PD04	052	1DMAD581	141-000 UNIT	04-085-052		209
162-123-021	SPARE520	G2	PD05	053	SPARE520	141-000 UNIT	04-085-053		209
162-123-022	11NT500	G2	PD06	054	11NT500	141-000 UNIT	04-085-054		209
162-123-023	SPARE520	G2	PD07	055	SPARE520	141-0			

COPYRIGHT (C) 1987 AT&T
ALL RIGHTS RESERVED

MESSAGE SWITCH CABINET

DWG SIZE
C2

AT&T LABORATORIES	SD-5D146-01
----------------------	-------------

G837

PRINTED IN U.S.A.

AP FIG 3 CAD 141

1 COM ADDRESS COMMUNITY 5

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....J					162-122 JACK/UNIT (ED50506-22).....						
	NC	G2	PA	000	1GRD0282	158-000	UNIT	04-122-000			
	NC			001							
	NC			002							
145-084-035	1DMA5011	G2	PA00	003	1DMA5011	158-000	UNIT	04-122-003	209		
145-084-036	1DMA5031	G2	PA01	004	1DMA5031	158-000	UNIT	04-122-004	209		
145-084-037	1DMA5051	G2	PA02	005	1DMA5051	158-000	UNIT	04-122-005	209		
145-084-038	1DMA5071	G2	PA03	006	1DMA5071	158-000	UNIT	04-122-006	209		
145-084-039	1DMA5091	G2	PA04	007	1DMA5091	158-000	UNIT	04-122-007	209		
145-084-040	1DMA5111	G2	PA05	008	1DMA5111	158-000	UNIT	04-122-008	209		
145-084-041	1DMA5131	G2	PA06	009	1DMA5131	158-000	UNIT	04-122-009	209		
145-084-042	1DMA5151	G2	PA07	010	1DMA5151	158-000	UNIT	04-122-010	209		
	NC	G2	PA	011	1GRD0282	158-000	UNIT	04-122-011			
.....J					145-084 JACK/UNIT (ED50506-22).....						
	NC			032							
	NC			033							
	NC	G2	PB	034	1GRD0452	141-000	UNIT	04-084-034			
162-122-003	1DMA5011	G2	PB00	035	1DMA5011	141-000	UNIT	04-084-035	209		
162-122-004	1DMA5031	G2	PB01	036	1DMA5031	141-000	UNIT	04-084-036	209		
162-122-005	1DMA5051	G2	PB02	037	1DMA5051	141-000	UNIT	04-084-037	209		
162-122-006	1DMA5071	G2	PB03	038	1DMA5071	141-000	UNIT	04-084-038	209		
162-122-007	1DMA5091	G2	PB04	039	1DMA5091	141-000	UNIT	04-084-039	209		
162-122-008	1DMA5111	G2	PB05	040	1DMA5111	141-000	UNIT	04-084-040	209		
162-122-009	1DMA5131	G2	PB06	041	1DMA5131	141-000	UNIT	04-084-041	209		
162-122-010	1DMA5151	G2	PB07	042	1DMA5151	141-000	UNIT	04-084-042	209		
	NC	G2	PB	043	1GRD0452	141-000	UNIT	04-084-043			
.....J					162-123 JACK/UNIT (ED50506-22).....						
	NC	G2	PC	000	1GRD0282	158-000	UNIT	04-123-000			
	NC			001							
	NC			002							
145-085-035	1DMA5001	G2	PC00	003	1DMA5001	158-000	UNIT	04-123-003	209		
145-085-036	1DMA5021	G2	PC01	004	1DMA5021	158-000	UNIT	04-123-004	209		
145-085-037	1DMA5041	G2	PC02	005	1DMA5041	158-000	UNIT	04-123-005	209		
145-085-038	1DMA5061	G2	PC03	006	1DMA5061	158-000	UNIT	04-123-006	209		
145-085-039	1DMA5081	G2	PC04	007	1DMA5081	158-000	UNIT	04-123-007	209		
145-085-040	1DMA5101	G2	PC05	008	1DMA5101	158-000	UNIT	04-123-008	209		
145-085-041	1DMA5121	G2	PC06	009	1DMA5121	158-000	UNIT	04-123-009	209		
145-085-042	1DMA5141	G2	PC07	010	1DMA5141	158-000	UNIT	04-123-010	209		
	NC	G2	PC	011	1GRD0282	158-000	UNIT	04-123-011			
.....J					145-085 JACK/UNIT (ED50506-22).....						
	NC			032							
	NC			033							
	NC	G2	PD	034	1GRD0452	141-000	UNIT	04-085-034			
162-123-003	1DMA5001	G2	PD00	035	1DMA5001	141-000	UNIT	04-085-035	209		
162-123-004	1DMA5021	G2	PD01	036	1DMA5021	141-000	UNIT	04-085-036	209		
162-123-005	1DMA5041	G2	PD02	037	1DMA5041	141-000	UNIT	04-085-037	209		
162-123-006	1DMA5061	G2	PD03	038	1DMA5061	141-000	UNIT	04-085-038	209		
162-123-007	1DMA5081	G2	PD04	039	1DMA5081	141-000	UNIT	04-085-039	209		
162-123-008	1DMA5101	G2	PD05	040	1DMA5101	141-000	UNIT	04-085-040	209		
162-123-009	1DMA5121	G2	PD06	041	1DMA5121	141-000	UNIT	04-085-041	209		
162-123-010	1DMA5141	G2	PD07	042	1DMA5141	141-000	UNIT	04-085-042	209		
	NC	G2	PD	043	1GRD0452	141-000	UNIT	04-085-043			
AP FIG 3 CAD 142											
1 IONI CONTROL COMMUNITY 5											
.....J					162-120 JACK/UNIT (ED50506-22).....						
	NC	G2	PA	013	1GRD0281	158-000	UNIT	04-120-013			
	NC			014							
	NC			015							
145-084-016	1CSA500	G2	PA00	016	1CSA500	158-000	UNIT	04-120-016	209		
145-084-017	1CSA510	G2	PA01	017	1CSA510	158-000	UNIT	04-120-017	209		
145-084-018	SPARE520	G2	PA02	018	SPARE520	158-000	UNIT	04-120-018	209		
145-084-019	SPARE530	G2	PA03	019	SPARE530	158-000	UNIT	04-120-019	209		
145-084-020	1CLRPC50	G2	PA04	020	1CLRPC50	158-000	UNIT	04-120-020	209		
	NC			016							
	NC			017							
	NC			018							
	NC			019							
	NC			020							
	NC			021							
	NC			022							
	NC			023							
	NC			024							
	NC			025							
	NC			026							
	NC			027							
	NC			028							
	NC			029							
	NC			030							
	NC			031							
	NC			032							
	NC			033							
	NC			034							
	NC			035							
	NC			036							
	NC			037							
	NC			038							
	NC			039							
	NC			040							
	NC			041							
	NC			042							
	NC			043							
	NC			044							
	NC			045							
	NC			046							
	NC			047							
	NC			048							
	NC			049							
	NC			050							
	NC			051							
	NC			052							
	NC			053							
	NC			054							
	NC			055							
	NC			056							
	NC			057							
	NC			058							
	NC			059							
	NC			060							
	NC			061							
	NC			062							
	NC			063							
	NC			064							
	NC			065							
	NC			066							
	NC			067							
	NC			068							
	NC			069							
	NC			070							
	NC			071							
	NC			072							
	NC			073							
	NC			074							
	NC			075							
	NC			076							
	NC			077							
	NC			078							
	NC			079							
	NC			080							
	NC			081							
	NC			082							
	NC			083							
	NC			084							
	NC			085							
	NC			086							
	NC			087							
	NC			088							
	NC			089							
	NC			090							
	NC			091							
	NC			092							
	NC			093							
	NC			094							
	NC			095							
	NC			096							
	NC			097							
	NC			098							
	NC			099							
	NC			100							
	NC			101							
	NC			102							
	NC			103							
	NC			104							
	NC			105							
	NC			106							
	NC			107							
	NC			108							
	NC			109							
	NC			110							
	NC			111							
	NC			112							
	NC			113							
	NC			114							
	NC			115							
	NC			116							
	NC			117							
	NC			118							
	NC			119							
	NC			120							
	NC			121							
	NC			122							
	NC			123							
	NC			124							
	NC			125							
	NC			126							
	NC			127							
	NC			128							
	NC			129							
	NC			130							
	NC			131							
	NC			132							
	NC			133							
	NC			134							
	NC			135							
	NC			136							
	NC			137							
	NC										

AP FIG 3 CAD 142

1 COM CONTROL COMMUNITY 5

—TO CONNECTION—				—FROM CONNECTION—					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				162-120	JACK/UNIT	(ED50506-22).....			
	NC	G2	PA	013	1GRD0281	158-000	UNIT	04-120-013	
	NC			014					
	NC			015					
145-084-016	1CSA500	G2	PA00	016	1CSA500	158-000	UNIT	04-120-016	209
145-084-017	1CSA510	G2	PA01	017	1CSA510	158-000	UNIT	04-120-017	209
145-084-018	SPARE520	G2	PA02	018	SPARE520	158-000	UNIT	04-120-018	209
145-084-019	SPARE530	G2	PA03	019	SPARE530	158-000	UNIT	04-120-019	209
145-084-020	1CLRPC50	G2	PA04	020	1CLRPC50	158-000	UNIT	04-120-020	209

AP FIG 3 CAD 142

(CONT'D)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J					162-120 JACK/UNIT (ED50506-22).....				
					(CONT'D)				
145-084-021	1S1SL850	G2	PA05	021	1S1SL850	158-000	UNIT	04-120-021	209
145-084-022	1SR510	G2	PA06	022	1SR510	158-000	UNIT	04-120-022	209
145-084-023	SPARE530	G2	PA07	023	SPARE530	158-000	UNIT	04-120-023	209
	NC	G2	PA	024	1GRD0281	158-000	UNIT	04-120-024	
.....J					145-084 JACK/UNIT (ED50506-22).....				
	NC			013					
	NC			014					
	NC			015					
162-120-016	1CSA500	G2	PB	016	1GRD0451	141-000	UNIT	04-084-015	209
162-120-017	1CSA510	G2	PB00	016	1CSA500	141-000	UNIT	04-084-016	209
162-120-018	SPARE520	G2	PB01	017	1CSA510	141-000	UNIT	04-084-017	209
162-120-019	SPARE530	G2	PB02	018	SPARE520	141-000	UNIT	04-084-018	209
162-120-020	1CLRPC50	G2	PB03	019	SPARE530	141-000	UNIT	04-084-019	209
162-120-021	1S1SL850	G2	PB04	020	1CLRPC50	141-000	UNIT	04-084-020	209
162-120-022	1SR510	G2	PB05	021	1S1SL850	141-000	UNIT	04-084-021	209
162-120-023	SPARE530	G2	PB06	022	1SR510	141-000	UNIT	04-084-022	209
	NC	G2	PB07	023	SPARE530	141-000	UNIT	04-084-023	209
		G2	PB	024	1GRD0451	141-000	UNIT	04-084-024	
.....J					162-121 JACK/UNIT (ED50506-22).....				
	NC	G2	PC	013	1GRD0281	158-000	UNIT	04-121-013	
	NC			014					
	NC			015					
145-085-016	1DMAR50	G2	PC00	016	1DMAR50	158-000	UNIT	04-121-016	209
145-085-017	1DMAR50	G2	PC01	017	1DMAR50	158-000	UNIT	04-121-017	209
145-085-018	1DMAC50	G2	PC02	018	1DMAC50	158-000	UNIT	04-121-018	209
145-085-019	1DMAR50	G2	PC03	019	1DMAR50	158-000	UNIT	04-121-019	209
145-085-020	1CINT50	G2	PC04	020	1CINT50	158-000	UNIT	04-121-020	209
145-085-021	1R1SL850	G2	PC05	021	1R1SL850	158-000	UNIT	04-121-021	209
145-085-022	1SR500	G2	PC06	022	1SR500	158-000	UNIT	04-121-022	209
145-085-023	SPARE520	G2	PC07	023	SPARE520	158-000	UNIT	04-121-023	209
	NC	G2	PC	024	1GRD0281	158-000	UNIT	04-121-024	
.....J					145-085 JACK/UNIT (ED50506-22).....				
	NC			013					
	NC			014					
	NC			015					
162-121-016	1DMAR50	G2	PD	016	1GRD0451	141-000	UNIT	04-085-015	209
162-121-017	1DMAR50	G2	PD00	016	1DMAR50	141-000	UNIT	04-085-016	209
162-121-018	1DMAC50	G2	PD01	017	1DMAR50	141-000	UNIT	04-085-017	209
162-121-019	1DMAR50	G2	PD02	018	1DMAC50	141-000	UNIT	04-085-018	209
162-121-020	1CINT50	G2	PD03	019	1DMAR50	141-000	UNIT	04-085-019	209
162-121-021	1R1SL850	G2	PD04	020	1CINT50	141-000	UNIT	04-085-020	209
162-121-022	1SR500	G2	PD05	021	1R1SL850	141-000	UNIT	04-085-021	209
162-121-023	SPARE520	G2	PD06	022	1SR500	141-000	UNIT	04-085-022	209
	NC	G2	PD07	023	SPARE520	141-000	UNIT	04-085-023	209
		G2	PD	024	1GRD0451	141-000	UNIT	04-085-024	

AP FIG 3 CAD 144B

B SCAN AND DISTRIBUTE, MSPU2-0 COMMUNITY 4

TO CONNECTION					FROM CONNECTION			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	
-----JS41					06Z-008			
					JACK/UNIT (E05D506-30)-----			
TO 3810P 1	000SM4R	G41	P000	038	000SM4R	058-000 UNIT	04-008-038	
|	01IPM4R	G41	P001	039	01IPM4R	058-000 UNIT	04-008-039	
|	0SCYM4R	G41	P002	040	0SCYM4R	058-000 UNIT	04-008-040	
|	0SDCM4R	G41	P003	041	0SDCM4R	058-000 UNIT	04-008-041	
	NC			042				
	NC			043				
TO 3810P 1	000SM4	G41	P000	138	000SM4	058-000 UNIT	04-008-138	
|	01IPM4	G41	P001	139	01IPM4	058-000 UNIT	04-008-139	
|	0SCYM4	G41	P002	140	0SCYM4	058-000 UNIT	04-008-140	
|	0SDCM4	G41	P003	141	0SDCM4	058-000 UNIT	04-008-141	
	NC			142				
	NC			143				

AP FIG 3 CAD 145A

A SCAN AND DISTRIBUTE, MSPU2-0 COMMUNITY 5

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
.....JS23					062-098					JACK/UNIT (ED5D506-30).....	
TO 3810P 0	000SM5SR	G23	P000	051	000SM5SR	058-000 UNIT	04-098-051				
|	01IPM5SR	G23	P001	052	01IPM5SR	058-000 UNIT	04-098-052				
|	0SCYM5SR	G23	P002	053	0SCYM5SR	058-000 UNIT	04-098-053				
|	0SDCM5SR	G23	P003	054	0SDCM5SR	058-000 UNIT	04-098-054				
|	000SM5	G23	P000	151	000SM5	058-000 UNIT	04-098-151				
|	01IPM5	G23	P001	152	01IPM5	058-000 UNIT	04-098-152				
|	0SCYM5	G23	P002	153	0SCYM5	058-000 UNIT	04-098-153				
|	0SDCM5	G23	P003	154	0SDCM5	058-000 UNIT	04-098-154				

AP FIG 3 CAD 145B

B SCAN AND DISTRIBUTE, MSPU2-0 COMMUNITY 5

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS43				06Z-098	JACK/UNIT	(ED5D506-30).....			
TO 3810P 1	000SM5R	G43	P000	038	000SM5R	058-000 UNIT	04-098-038		
	01IPM5R	G43	P001	039	01IPM5R	058-000 UNIT	04-098-039		
	0SCYM5R	G43	P002	040	0SCYM5R	058-000 UNIT	04-098-040		
	0SDCM5R	G43	P003	041	0SDCM5R	058-000 UNIT	04-098-041		
	NC			042					
	NC			043					
TO 3810P 1	000SM5	G43	P000	138	000SM5	058-000 UNIT	04-098-138		
	01IPM5	G43	P001	139	01IPM5	058-000 UNIT	04-098-139		
	0SCYM5	G43	P002	140	0SCYM5	058-000 UNIT	04-098-140		
	0SDCM5	G43	P003	141	0SDCM5	058-000 UNIT	04-098-141		
	NC			142					
	NC			143					

AP FIG 3 CAD 146A

A SCAN AND DISTRIBUTE, MSPU2-1 COMMUNITY 4

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS22					162-008 JACK/UNIT (EDS506-30).....				
TO 3810P 0	100SM4R	G22	P000	051	100SM4R	158-000 UNIT	04-008-051		
	11IPM4R	G22	P001	052	11IPM4R	158-000 UNIT	04-008-052		
	1SCYM4R	G22	P002	053	1SCYM4R	158-000 UNIT	04-008-053		
	1SDCM4R	G22	P003	054	1SDCM4R	158-000 UNIT	04-008-054		
	100SM4	G22	P000	151	100SM4	158-000 UNIT	04-008-151		
	11IPM4	G22	P001	152	11IPM4	158-000 UNIT	04-008-152		
	1SCYM4	G22	P002	153	1SCYM4	158-000 UNIT	04-008-153		
	1SDCM4	G22	P003	154	1SDCM4	158-000 UNIT	04-008-154		

AP FIG 3 CAD 146B

B SCAN AND DISTRIBUTE, MSPU2-1 COMMUNITY 4

TO CONNECTION					FROM CONNECTION						
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
-----JS42					162-008					JACK/UNIT (EDS0506-30)-----	
TO 3810P 1	100SM4R	G42	P000	038	100SM4R	158-000 UNIT	04-008-038				
|	11IPM4R	G42	P001	039	11IPM4R	158-000 UNIT	04-008-039				
|	1SCYM4R	G42	P002	040	1SCYM4R	158-000 UNIT	04-008-040				
|	1SDCM4R	G42	P003	041	1SDCM4R	158-000 UNIT	04-008-041				
	NC			042							
	NC			043							
TO 3810P 1	100SM4	G42	P000	138	100SM4	158-000 UNIT	04-008-138				
|	11IPM4	G42	P001	139	11IPM4	158-000 UNIT	04-008-139				
|	1SCYM4	G42	P002	140	1SCYM4	158-000 UNIT	04-008-140				
|	1SDCM4	G42	P003	141	1SDCM4	158-000 UNIT	04-008-141				
	NC			142							
	NC			143							

AP FIG 3 CAD 147A

A SCAN AND DISTRIBUTE, MSPU2-1 COMMUNITY 5

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JS24					162-098 JACK/UNIT (EDSD506-30).....				
TO 3810P 0	100SM5SR	G24	P000	051	100SM5SR	158-000 UNIT	04-098-051		
|	11IPM5SR	G24	P001	052	11IPM5SR	158-000 UNIT	04-098-052		
|	1SCYM5SR	G24	P002	053	1SCYM5SR	158-000 UNIT	04-098-053		
|	1SDCM5SR	G24	P003	054	1SDCM5SR	158-000 UNIT	04-098-054		
|	100SM5S	G24	P000	151	100SM5S	158-000 UNIT	04-098-151		
|	11IPM5S	G24	P001	152	11IPM5S	158-000 UNIT	04-098-152		
|	1SCYM5S	G24	P002	153	1SCYM5S	158-000 UNIT	04-098-153		
|	1SDCM5S	G24	P003	154	1SDCM5S	158-000 UNIT	04-098-154		

AP FIG 3 CAD 147B

B SCAN AND DISTRIBUTE, MSPU2-1 COMMUNITY 5

TO CONNECTION					FROM CONNECTION					OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL				
.....JS44					JACK/UNIT (ED5D506-30).....						
TO 3810P 1	100SM5R	G44	P000	038	100SM5R	158-000 UNIT	04-098-038				
|	11IPM5R	G44	P001	039	11IPM5R	158-000 UNIT	04-098-039				
|	1SCYM5R	G44	P002	040	1SCYM5R	158-000 UNIT	04-098-040				
|	1SDCM5R	G44	P003	041	1SDCM5R	158-000 UNIT	04-098-041				
	NC			042							

AP FIG 3 CAD 147B

(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....JS44				162-098 (CONT'D)	JACK/UNIT	(ED5D506-3D).....			
TO 3810P 1	NC			043					
	100SM5	G44	P000	138	100SM5	158-000 UNIT	04-098-138		
	11IPM5	G44	P001	139	11IPM5	158-000 UNIT	04-098-139		
	1SCYM5	G44	P002	140	1SCYM5	158-000 UNIT	04-098-140		
	1SDCM5	G44	P003	141	1SDCM5	158-000 UNIT	04-098-141		
	NC			142					
	NC			143					

AP FIG 3 CAD 148

FUSE ALARM WIRING BAY 0

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				062-008	JACK/UNIT	(3D5D506-15)	.....		
068-137-008	NC			045					
	NC			046					
	NC			047					
	ALM062A	G10		145	ALM062A	058-000 UNIT	04-008-145		
	NC			146					
	NC			147					
.....J				062-098	JACK/UNIT	(3D5D506-15)	.....		
068-137-009	NC			045					
	NC			046					
	NC			047					
	ALM062B	G10		145	ALM062B	058-000 UNIT	04-098-145		
	NC			146					
	NC			147					
.....J				068-043	JACK/UNIT	(3D5D506-15)	.....		
062-008-145	ALM062A	G10		008	ALM062A	067-094 UNIT	01-043-008		
062-098-145	ALM062B	G10		009	ALM062B	067-094 UNIT	01-043-009		

COPYRIGHT © 1987 AT&T
ALL RIGHTS RESERVED

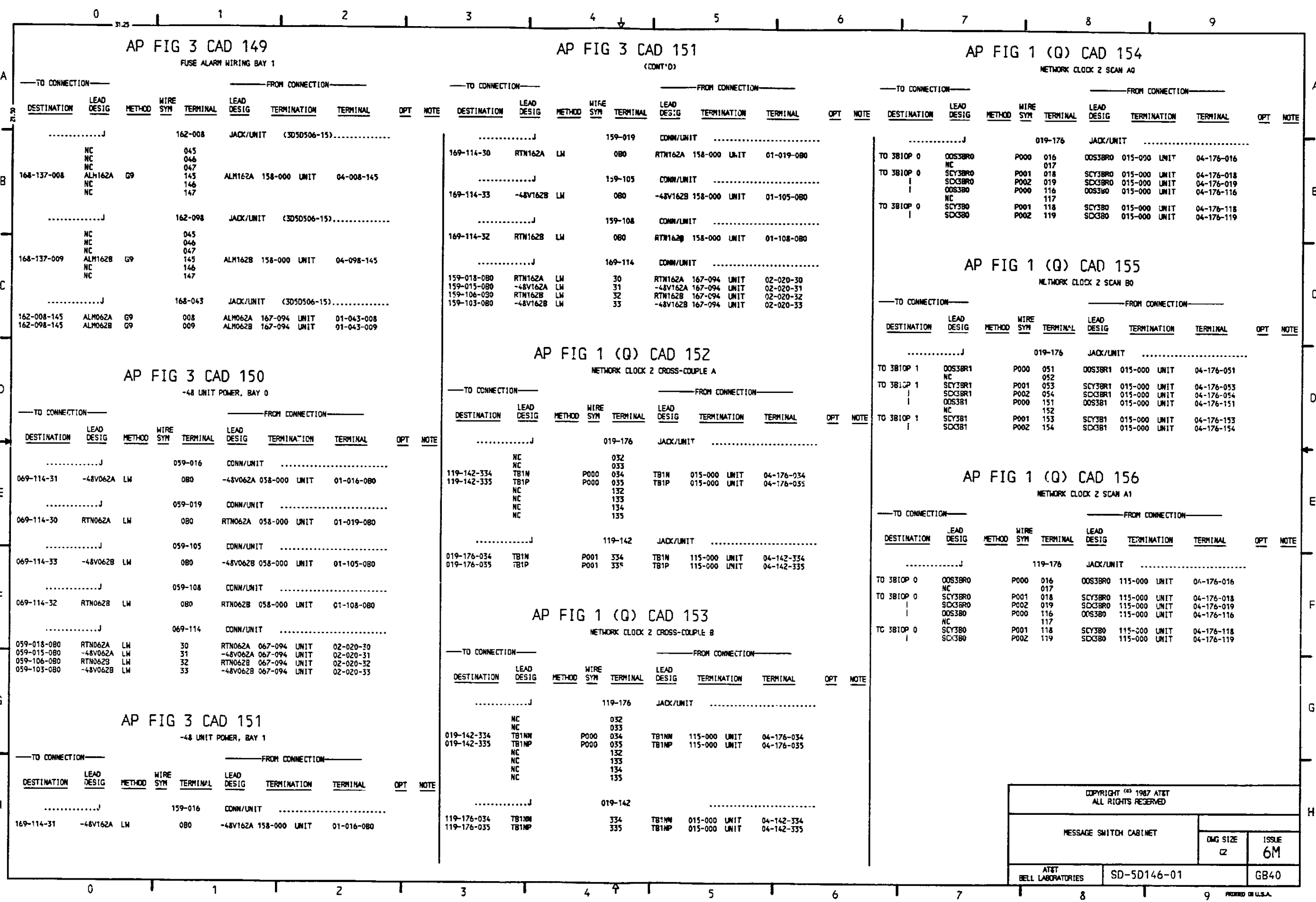
MESSAGE SWITCH CABINET

DWG SIZE
12ISSUE
6MAT&T
BELL LABORATORIES

SD-5D146-01

GB39

PRINTED IN U.S.A.



Copyright © 1987 AT&T
All Rights Reserved

MESSAGE SWITCH CABINET

AT&T
BELL LABORATORIES

SD-5D146-01

OMG SIZE
CZ

ISSUE
6M

GB40

AP FIG 1 (Q) CAD 157 NETWORK CLOCK 2 SCAN 81										AP FIG 1 (K) CAD 161 BSRF COAX 81										AP FIG 1 (N) CAD 165 BERG T1 REF 06										
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	
J 119-176 JACK/UNIT										J 117-162B JACK/UNIT										J 019-130 JACK/UNIT										
TO 3B1OP 1	00S3BR1	P000	051	00S3BR1	115-000	UNIT	04-176-051			TO ANALOG TRANSMISSION FACILITY	BSRF00		015	BSRF00	115-000	UNIT	02-162B-015			TO DIGITAL SERVICE CROSS-CONNECT	NC			207	REF6N	015-000	UNIT	04-130-307		
TO 3B1OP 1	NC		052	00S3BR1	115-000	UNIT	04-176-053				BSRF11		116	BSRF11	115-000	UNIT	02-162B-116				NC			208	REF6P	015-000	UNIT	04-130-308		
TO 3B1OP 1	SLY3BR1	P001	053	SLY3BR1	115-000	UNIT	04-176-054														NC			209						
TO 3B1OP 1	SDY3BR1	P002	054	SDY3BR1	115-000	UNIT	04-176-151														NC			307						
TO 3B1OP 1	00S3B1	P000	151	00S3B1	115-000	UNIT	04-176-153														NC			308						
TO 3B1OP 1	NC		152	00S3B1	115-000	UNIT	04-176-154														NC			309						
TO 3B1OP 1	SCY3B1	P001	153	SCY3B1	115-000	UNIT																								
TO 3B1OP 1	SDY3B1	P002	154	SDY3B1	115-000	UNIT																								
AP FIG 1 (K) CAD 158 BSRF COAX A0										AP FIG 1 (N) CAD 162 BERG T1 REF 03										AP FIG 1 (N) CAD 166 BERG T1 REF 07										
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	
J 017-137B JACK/UNIT										J 019-152 JACK/UNIT										J 019-130 JACK/UNIT										
TO ANALOG TRANSMISSION FACILITY	BSRF10		015	BSRF10	015-000	UNIT	02-137B-015			TO DIGITAL SERVICE CROSS-CONNECT	NC			239	REF3N	015-000	UNIT	04-152-339			TO DIGITAL SERVICE CROSS-CONNECT	NC			239	REF7N	015-000	UNIT	04-130-339	
	BSRF11		116	BSRF11	015-000	UNIT	02-137B-116				NC			240	REF3P	015-000	UNIT	04-152-340				NC			240	REF7P	015-000	UNIT	04-130-340	
											NC			241								NC			241					
											NC			339								NC			339					
											NC			340								NC			340					
											NC			341								NC			341					
AP FIG 1 (K) CAD 159 BSRF COAX 80										AP FIG 1 (N) CAD 163 BERG T1 REF 04										AP FIG 1 (N) CAD 167 BERG T1 REF 08										
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	
J 017-162B JACK/UNIT										J 019-152 JACK/UNIT										J 019-130 JACK/UNIT										
TO ANALOG TRANSMISSION FACILITY	BSRF00		015	BSRF00	015-000	UNIT	02-162B-015			TO DIGITAL SERVICE CROSS-CONNECT	NC			222	REF4N	015-000	UNIT	04-152-322			TO DIGITAL SERVICE CROSS-CONNECT	NC			222	REF8N	015-000	UNIT	04-130-322	
	BSRF01		116	BSRF01	015-000	UNIT	02-162B-116				NC			223	REF4P	015-000	UNIT	04-152-323				NC			223	REF8P	015-000	UNIT	04-130-323	
											NC			224								NC			224					
											NC			322								NC			322					
											NC			323								NC			323					
											NC			324								NC			324					
AP FIG 1 (K) CAD 160 BSRF COAX A1										AP FIG 1 (N) CAD 164 BERG T1 REF 05																				
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											
J 117-137B JACK/UNIT										J 019-130 JACK/UNIT																				
TO ANALOG TRANSMISSION FACILITY	BSRF10		015	BSRF10	115-000	UNIT	02-137B-015			TO DIGITAL SERVICE CROSS-CONNECT	NC			254	REF5N	015-000	UNIT	04-130-354												
	BSRF11		116	BSRF11	115-000	UNIT	02-137B-116				NC			255	REF5P	015-000	UNIT	04-130-355												
											NC			256																
											NC			354																
											NC			355																
											NC			356																

AP FIG 1 (N) CAD 165
BERG T1 REF 06

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

AP FIG 1 (N) CAD 168 BERG T1 REF 13																					AP FIG 1 (N) CAD 172 BERG T1 REF 17																					AP FIG 1 (M) CAD 176 COAX T1 REF 03																																																																																																														
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																																																																																																																											
.....J										119-152 JACK/UNIT											J										119-130 JACK/UNIT											J										021-162A JACK/UNIT																																																																																																				
TO DIGITAL SERVICE CROSS-CONNECT										NC											TO DIGITAL SERVICE CROSS-CONNECT										NC											TO DIGITAL SERVICE CROSS-CONNECT										REF3M											P000											038											REF3M											015-000 UNIT											06-162A-038																																													
										238																					239																					REF3P											P000											139											REF3P											015-000 UNIT											06-162A-139																																													
										240																					240																																																																																																																									
										241																					241																																																																																																																									
										339											REF3M 115-000 UNIT 04-152-339																				339											REF7M 115-000 UNIT 04-130-339																																																																																																				
										340											REF3P 115-000 UNIT 04-152-340																				340											REF7P 115-000 UNIT 04-130-340																																																																																																				
										341																															341																																																																																																															
AP FIG 1 (N) CAD 169 BERG T1 REF 14																					AP FIG 1 (N) CAD 173 BERG T1 REF 18																					AP FIG 1 (M) CAD 177 COAX T1 REF 04																																																																																																														
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																																																																																																																											
.....J										119-152 JACK/UNIT											J										119-130 JACK/UNIT											J										017-162C JACK/UNIT																																																																																																				
TO DIGITAL SERVICE CROSS-CONNECT										NC											TO DIGITAL SERVICE CROSS-CONNECT										NC											TO DIGITAL SERVICE CROSS-CONNECT										REF4M											P000											023											REF4M											015-000 UNIT											02-162C-023																																													
										222																					222																					REF4P											P000											124											REF4P											015-000 UNIT											02-162C-124																																													
										223																					223																																																																																																																									
										224																					224																																																																																																																									
										322											REF4M 115-000 UNIT 04-152-322																				322											REF8M 115-000 UNIT 04-130-322																																																																																																				
										323											REF4P 115-000 UNIT 04-152-323																				323											REF8P 115-000 UNIT 04-130-323																																																																																																				
										324																															324																																																																																																															
AP FIG 1 (N) CAD 170 BERG T1 REF 15																					AP FIG 1 (M) CAD 174 COAX T1 REF 01																					AP FIG 1 (M) CAD 178 COAX T1 REF 05																																																																																																														
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																																																																																																																											
.....J										119-130 JACK/UNIT											J										021-162B JACK/UNIT											J										021-137B JACK/UNIT																																																																																																				
TO DIGITAL SERVICE CROSS-CONNECT										NC											TO DIGITAL SERVICE CROSS-CONNECT										NC											TO DIGITAL SERVICE CROSS-CONNECT										REF3M											P000											053											REF3M											015-000 UNIT											06-137B-053																																													
										254																					254																					REF3P											P000											154											REF3P											015-000 UNIT											06-137B-154																																													
										255																					255																																																																																																																									
										256																					256																																																																																																																									
										354											REF5M 115-000 UNIT 04-130-354																				354											REF1P 015-000 UNIT 06-162B-053																																																																																																				
										355											REF5P 115-000 UNIT 04-130-355																				355											REF1P 015-000 UNIT 06-162B-154																																																																																																				
										356																																																																																																																																														
AP FIG 1 (N) CAD 171 BERG T1 REF 16																					AP FIG 1 (M) CAD 175 COAX T1 REF 02																					AP FIG 1 (M) CAD 179 COAX T1 REF 06																																																																																																														
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																																																																																																																											
.....J										119-130 JACK/UNIT											J										017-162A JACK/UNIT											J										017-137A JACK/UNIT																																																																																																				
TO DIGITAL SERVICE CROSS-CONNECT										NC											TO DIGITAL SERVICE CROSS-CONNECT										NC											TO DIGITAL SERVICE CROSS-CONNECT										REF6M											P000											007											REF6M											015-000 UNIT											02-137A-007																																													
										207																					207																					REF6P											P000											108											REF6P											015-000 UNIT											02-137A-108																																													
										208																					208																																																																																																																									
										209																					209																																																																																																																									
										307											REF6M 115-000 UNIT 04-130-307																				307											REF2M 015-000 UNIT 02-162A-007																																																																																																				
										308											REF6P 115 000 UNIT 04-130-308																				308											REF2P 015-000 UNIT 02-162A-108																																																																																																				
										309																																																																																																																																														
AP FIG 1 (M) CAD 176 COAX T1 REF 03																					AP FIG 1 (M) CAD 177 COAX T1 REF 04																					AP FIG 1 (M) CAD 178 COAX T1 REF 05																																																																																																														
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																																																																																																																											
.....J										021-162A JACK/UNIT											J										017-162C JACK/UNIT											J										021-137B JACK/UNIT																																																																																																				
TO DIGITAL SERVICE CROSS-CONNECT										REF3M											P000											038											REF3M											015-000 UNIT											06-162A-038																																																																																							
										REF3P											P000											139											REF3P											015-000 UNIT											06-162A-139																																																																																							
AP FIG 1 (M) CAD 179 COAX T1 REF 06																					AP FIG 1 (M) CAD 180 COAX T1 REF 07																					AP FIG 1 (M) CAD 181 COAX T1 REF 08																																																																																																														
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																																																																																																																											
.....J										017-137A JACK/UNIT											J										017-162A JACK/UNIT											J										017-137A JACK/UNIT																																																																																																				
TO DIGITAL SERVICE CROSS-CONNECT										REF6M											P000											007											REF6M											015-000 UNIT											02-137A-007																																																																																							
										REF6P											P000											108											REF6P											015-000 UNIT											02-137A-108																																																																																							

AP FIG 1 (M) CAD 176
COAX T1 REF 03

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

021-162A JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF3M

P000

038

REF3M

015-000 UNIT

06-162A-038

REF3P

P000

139

REF3P

015-000 UNIT

06-162A-139

NC

341

AP FIG 1 (M) CAD 177
COAX T1 REF 04

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

017-162C JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF4M

P000

023

REF4M

015-000 UNIT

02-162C-023

REF4P

P000

124

REF4P

015-000 UNIT

02-162C-124

NC

324

AP FIG 1 (M) CAD 178
COAX T1 REF 05

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

021-137B JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF3M

P000

053

REF3M

015-000 UNIT

06-137B-053

REF3P

PCJO

154

REF3P

015-000 UNIT

06-137B-154

NC

356

AP FIG 1 (M) CAD 179
COAX T1 REF 06

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

017-137A JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF6M

P000

007

REF6M

015-000 UNIT

02-137A-007

REF6P

P000

108

REF6P

015-000 UNIT

02-137A-108

NC

309

AP FIG 1 (M) CAD 176
COAX T1 REF 03

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

021-162A JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF3M

P000

038

REF3M

015-000 UNIT

06-162A-038

REF3P

P000

139

REF3P

015-000 UNIT

06-162A-139

NC

341

AP FIG 1 (M) CAD 177
COAX T1 REF 04

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

017-162C JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF4M

P000

023

REF4M

015-000 UNIT

02-162C-023

REF4P

P000

124

REF4P

015-000 UNIT

02-162C-124

NC

324

AP FIG 1 (M) CAD 178
COAX T1 REF 05

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

021-137B JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF3M

P000

053

REF3M

015-000 UNIT

06-137B-053

REF3P

PCJO

154

REF3P

015-000 UNIT

06-137B-154

NC

356

AP FIG 1 (M) CAD 179
COAX T1 REF 06

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

017-137A JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF6M

P000

007

REF6M

015-000 UNIT

02-137A-007

REF6P

P000

108

REF6P

015-000 UNIT

02-137A-108

NC

309

AP FIG 1 (M) CAD 176
COAX T1 REF 03

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

021-162A JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF3M

P000

038

REF3M

015-000 UNIT

06-162A-038

REF3P

P000

139

REF3P

015-000 UNIT

06-162A-139

NC

341

AP FIG 1 (M) CAD 177
COAX T1 REF 04

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

017-162C JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF4M

P000

023

REF4M

015-000 UNIT

02-162C-023

REF4P

P000

124

REF4P

015-000 UNIT

02-162C-124

NC

324

AP FIG 1 (M) CAD 178
COAX T1 REF 05

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

021-137B JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF3M

P000

053

REF3M

015-000 UNIT

06-137B-053

REF3P

PCJO

154

REF3P

015-000 UNIT

06-137B-154

NC

356

AP FIG 1 (M) CAD 179
COAX T1 REF 06

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

017-137A JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF6M

P000

007

REF6M

015-000 UNIT

02-137A-007

REF6P

P000

108

REF6P

015-000 UNIT

02-137A-108

NC

309

AP FIG 1 (M) CAD 176
COAX T1 REF 03

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

021-162A JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF3M

P000

038

REF3M

015-000 UNIT

06-162A-038

REF3P

P000

139

REF3P

015-000 UNIT

06-162A-139

NC

341

AP FIG 1 (M) CAD 177
COAX T1 REF 04

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

017-162C JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF4M

P000

023

REF4M

015-000 UNIT

02-162C-023

REF4P

P000

124

REF4P

015-000 UNIT

02-162C-124

NC

324

AP FIG 1 (M) CAD 178
COAX T1 REF 05

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

021-137B JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF3M

P000

053

REF3M

015-000 UNIT

06-137B-053

REF3P

PCJO

154

REF3P

015-000 UNIT

06-137B-154

NC

356

AP FIG 1 (M) CAD 179
COAX T1 REF 06

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

017-137A JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF6M

P000

007

REF6M

015-000 UNIT

02-137A-007

REF6P

P000

108

REF6P

015-000 UNIT

02-137A-108

NC

309

AP FIG 1 (M) CAD 176
COAX T1 REF 03

TO CONNECTION

FROM CONNECTION

DESTINATION

LEAD DESIG

METHOD

WIRE SYM

TERMINAL

LEAD DESIG

TERMINATION

TERMINAL

OPT

NOTE

.....J

021-162A JACK/UNIT

TO DIGITAL SERVICE CROSS-CONNECT

REF3M

P000

038

REF3M

015-000 UNIT

06-162A-038

REF3P

P000

139

REF3P

015-000 UNIT

06-162A-139

NC

341

AP FIG 1 (M) CAD 177
COAX T1 REF 04

	0	1	2	3	4	5	6	7	8	9
A	AP FIG 1 (M) CAD 180 COAX T1 REF 07					AP FIG 1 (M) CAD 185 COAX T1 REF 14				
	TO CONNECTION DESTINATION LEAD DESIG METHOD WIRE SYM TERMINAL J 021-137A JACK/UNIT TO DIGITAL REF7N P000 038 REF7N 015-000 UNIT 06-137A-038 SERVICE REF7P P000 139 REF7P 015-000 UNIT 06-137A-139 CROSS-CONNECT					FROM CONNECTION LEAD DESIG TERMINATION TERMINAL J 117-162C JACK/UNIT TO DIGITAL REF4N P000 023 REF4N 115-000 UNIT 02-162C-023 SERVICE REF4P P000 124 REF4P 115-000 UNIT 02-162C-124 CROSS-CONNECT				
B	AP FIG 1 (M) CAD 181 COAX T1 REF 08					AP FIG 1 (M) CAD 186 COAX T1 REF 15				
	TO CONNECTION DESTINATION LEAD DESIG METHOD WIRE SYM TERMINAL J 017-137C JACK/UNIT TO DIGITAL REF8N P000 023 REF8N 015-000 UNIT 02-137C-023 SERVICE REF8P P000 124 REF8P 015-000 UNIT 02-137C-124 CROSS-CONNECT					FROM CONNECTION LEAD DESIG TERMINATION TERMINAL J 121-137B JACK/UNIT TO DIGITAL REF5N P000 053 REF5N 115-000 UNIT 06-137B-053 SERVICE REF5P P000 154 REF5P 115-000 UNIT 06-137B-154 CROSS-CONNECT				
C	AP FIG 1 (M) CAD 182 COAX T1 REF 11					AP FIG 1 (M) CAD 187 COAX T1 REF 16				
	TO CONNECTION DESTINATION LEAD DESIG METHOD WIRE SYM TERMINAL J 121-162B JACK/UNIT TO DIGITAL REF1N P000 053 REF1N 115-000 UNIT 06-162B-053 SERVICE REF1P P000 154 REF1P 115-000 UNIT 06-162B-154 CROSS-CONNECT					FROM CONNECTION LEAD DESIG TERMINATION TERMINAL J 117-137A JACK/UNIT TO DIGITAL REF6N P000 007 REF6N 115-000 UNIT 02-137A-007 SERVICE REF6P P000 108 REF6P 115-000 UNIT 02-137A-108 CROSS-CONNECT				
D	AP FIG 1 (M) CAD 183 COAX T1 REF 12					AP FIG 1 (M) CAD 188 COAX T1 REF 17				
	TO CONNECTION DESTINATION LEAD DESIG METHOD WIRE SYM TERMINAL J 117-162A JACK/UNIT TO DIGITAL REF2N P000 007 REF2N 115-000 UNIT 02-162A-007 SERVICE REF2P P000 108 REF2P 115-000 UNIT 02-162A-108 CROSS-CONNECT					FROM CONNECTION LEAD DESIG TERMINATION TERMINAL J 121-137A JACK/UNIT TO DIGITAL REF7N P000 038 REF7N 115-000 UNIT 06-137A-038 SERVICE REF7P P000 139 REF7P 115-000 UNIT 06-137A-139 CROSS-CONNECT				
E	AP FIG 1 (M) CAD 184 COAX T1 REF 13					AP FIG 1 (M) CAD 189 COAX T1 REF 18				
	TO CONNECTION DESTINATION LEAD DESIG METHOD WIRE SYM TERMINAL J 121-162A JACK/UNIT TO DIGITAL REF3N P000 038 REF3N 115-000 UNIT 06-162A-038 SERVICE REF3P P000 139 REF3P 115-000 UNIT 06-162A-139 CROSS-CONNECT					FROM CONNECTION LEAD DESIG TERMINATION TERMINAL J 117-137C JACK/UNIT TO DIGITAL REF8N P000 023 REF8N 115-000 UNIT 02-137C-023 SERVICE REF8P P000 124 REF8P 115-000 UNIT 02-137C-124 CROSS-CONNECT				
F										
G										
H										
	0	1	2	3	4	5	6	7	8	9

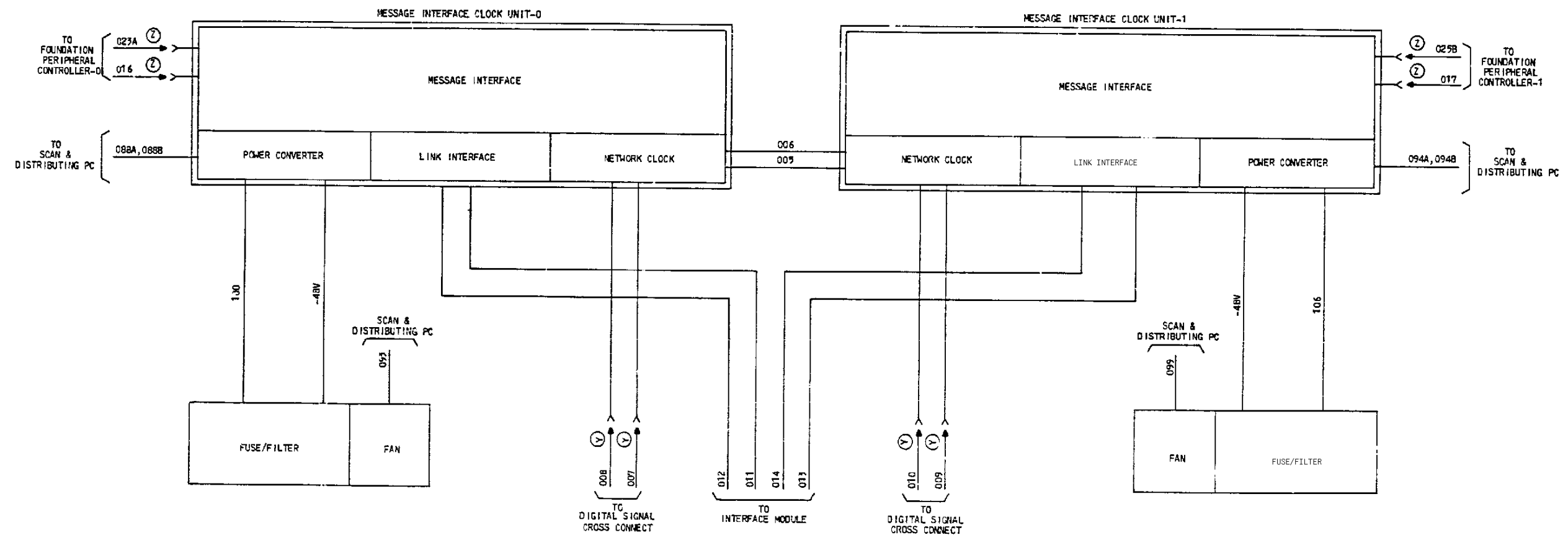
COPYRIGHT © 1987 AT&T ALL RIGHTS RESERVED		
MESSAGE SWITCH CABINET	DWG SIZE C2	ISSUE 6M
AT&T BELL LABORATORIES	SD-50146-01	GB43

BD 1

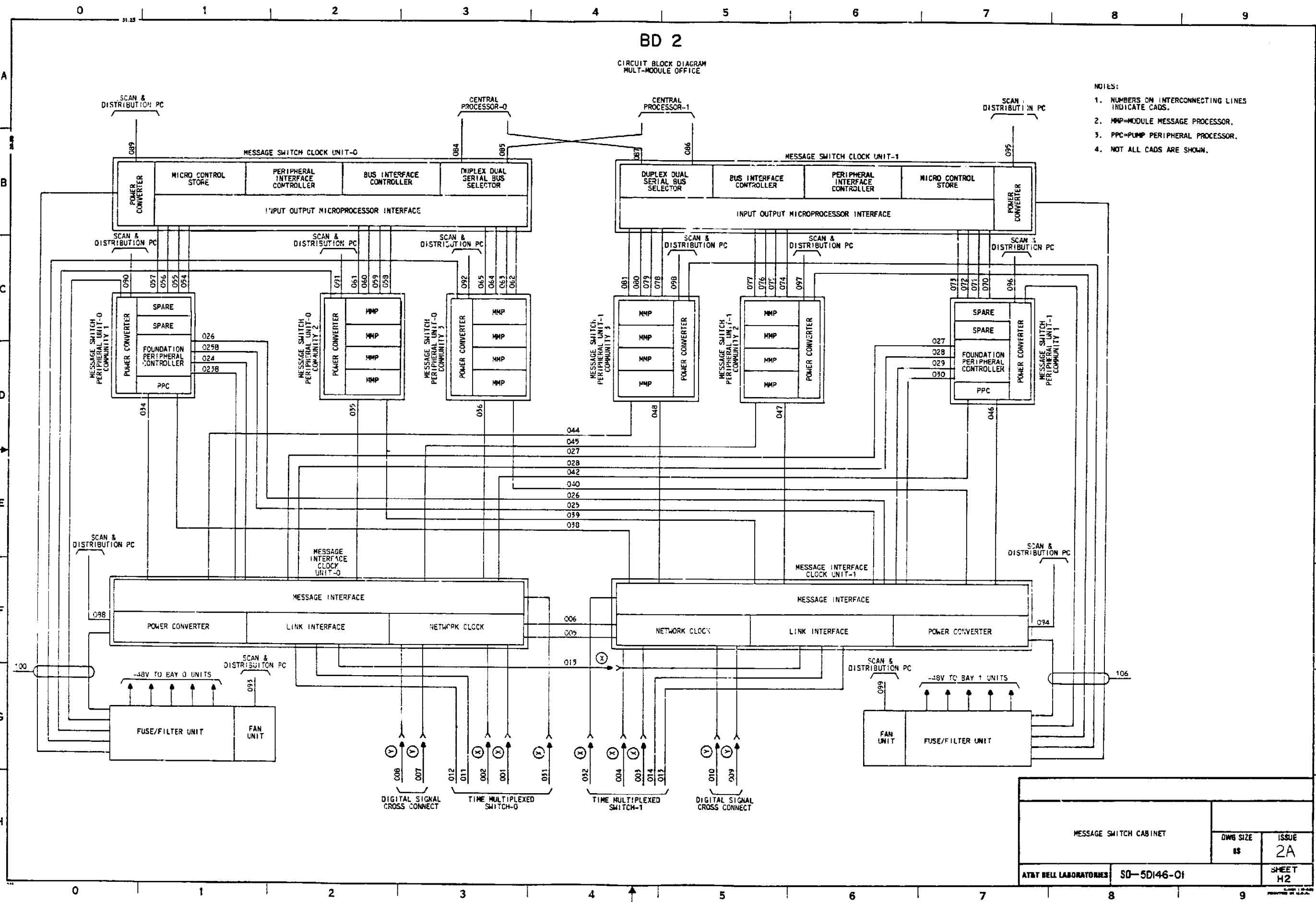
CIRCUIT BLOCK DIAGRAM
SINGLE MODULE OFFICE

NOTES:

1. NUMBERS ON INTERCONNECTING LINES INDICATE CADS.
2. NOT ALL CADS ARE SHOWN.



MESSAGE SWITCH CABINET		
DWG SIZE	ISSUE	
8S	2A	
AT&T BELL LABORATORIES	SD-5D146-01	SHEET
		11



MESSAGE SWITCH CABINET		DWG SIZE	ISSUE
		15	2A
AT&T BELL LABORATORIES		SD-5D146-01	SHEET H2