

SHEET INDEX

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SUPPORTING INFORMATION

CATEGORY	NO.	Copyright © 1987 AT&T All Rights Reserved	
TIME MULTIPLEXED SWITCH CONTROL UNIT	J50001AA		
TIME MULTIPLEXED SWITCH UNIT	J50001AB	AT13	
FUSE/FILTER PANEL	J50003AU		
FAN UNIT	J50003BE-1		
		5ESS™ SWITCHING EQUIPMENT TIME MULTIPLEXED SWITCH CABINET CIRCUIT	
		DWG SIZE 8 1/2	ISSUE 5B
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DWG ISSUE	CD ISSUE	DATE ISSUED	APPROVED
5B	E APPX 26	8-5-87	

# DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
-48A(00,11)	4/4	-48 VOLT A BUSS, 0 OR 1 HALF, BAY 0 OR 1.	0ALM(EQ,IN,OT)	4/1,3	BAY 0, ALM POWER CONVERTER ALARM, IN - FOR RETURN FROM ODD TMSU TO TMCU; OT - FOR TMCU TO EVEN TMSU; OR EO - FOR EVEN TMSU TO ODD TMSU.	0MLF(0-3) (A,B)D(0,1)	3/1	BAY 0, FROM MESSAGE LINK INTERFACE TO FANOUT BOARD ON SHELF 0,1,2 OR 3 A OR B DATA STREAM, AND THE 0 OR 1 SIDE OF THE BALANCED LINE TWISTED PAIR.	0TMSROT(P,N)	1/1	SIDE 0, TMS REQUEST POSITIVE AND NEGATIVE. (BAY 0, FROM TMS INTERFACE PACK, EVENT INDICATION TO FPC OR THE RETURN HALF OF THAT TWISTED PAIR.)
-48B(00,11)	CAD-019	-48 VOLTS B BUSS, 0 OR 1 HALF, BAY 0 OR 1.	0(A,FA)LMJMP	4/4	BAY 0, FUSE ALARM JUMPER	0MLRCV	3/1	BAY 0, MESSAGE LINK INTERFACE OPTIC RECEIVER, RECEIVED DATA.	0TMSRST(P,N)	1/1	SIDE 0, TMS SERVICE REQUEST POSITIVE AND NEGATIVE. (BAY 0, FROM FPC, RESET OF TMS TO TMS INTERFACE PACK OR THE RETURN HALF OF THAT TWISTED PAIR.)
-48(R,V)0(A,B) E(0,2)	4/2	-48 VOLTS OR RETURN, BAY 0, FOR +5 VOLT POWER PLANES A OR B OF EVEN TMSU SHELF 0 OR 2.	0CARD(EQ,IN,OT)	4/1,3	BAY 0 CARD * ALARM TEST LEAD, IN + FOR RETURN FROM ODD TMSU TO TMCU, OT + FOR TMCU TO EVEN TMSU, OR EQ + FOR EVEN TMSU TO ODD TMSU.	0MLXMIT	3/1	BAY 0, MESSAGE LINK INTERFACE OPTIC TRANSMITTER, TRANSMIT DATA LEAD.	0TMS8K(T,R)	2/1	SIDE 0, TMS 8 KHZ REFERENCE CLOCK POSITIVE AND NEGATIVE. (BAY 0, FROM THE TMS CLOCK INTERFACE PACK, 8 KHZ SIGNAL TO THE NETWORK CLOCK OR THE RETURN HALF OF THAT TWISTED PAIR.)
-48(R,V)0(A,B) D(1,3)	4/3	-48 VOLTS OR RETURN, BAY 0, FOR +5 VOLT POWER PLANES A OR B OF ODD TMSU SHELF 1 OR 3.	0FALM	4/1	BAY 0, FUSE ALARM	000S(R,3B)	4/1	BAY 0 OUT OF SERVICE TO 3B PC FRAME OR THE RETURN HALF OF THAT TWISTED PAIR.	08KMS(T,R)	2/1	SIDE 0, 8 KHZ CLOCK FROM THE TMS TRANSMIT AND RECEIVE. (BAY 0, FROM NETWORK CLOCK, REFERENCE 8 KHZ TO THE TMS CLOCK INTERFACE PACK OR THE RETURN HALF OF THAT TWISTED PAIR.)
-48(R,V)1(A,B) E(0,2)	CAD-020	-48 VOLTS OR RETURN, BAY 1, FOR +5 VOLT POWER PLANES A OR B OF EVEN TMSU SHELF 0 OR 2.	0FALM(C,FN,RTN)	4/4	BAY 0, FUSE ALARM CABINET, FAN OR RETURN.	00SUSID	1/2	BAY 0, ODD TMSU, SHELF ID.	08KTS(T,R)	2/1	SIDE 0, 8 KHZ CLOCK FROM THE TMS TRANSMIT AND RECEIVE. (BAY 0, FROM NETWORK CLOCK, REFERENCE 8 KHZ TO THE TMS CLOCK INTERFACE PACK OR THE RETURN HALF OF THAT TWISTED PAIR.)
-48(R,V)1(A,B) D(1,3)	CAD-020	-48 VOLTS OR RETURN, BAY 1, FOR +5 VOLT POWER PLANES A OR B OF ODD TMSU SHELF 1 OR 3.	0FALML	CAD-015	BAY 0, FUSE ALARM LED	00RIP(3B,3BR)	4/1	BAY 0 REQUEST IN PROCESS TO 3B PC FRAME OR THE RETURN HALF OF THAT TWISTED PAIR.	1(A,FA)LMJMP	CAD-018	BAY 1, FUSE ALARM JUMPER
-48(R,V)0(A,B)	4/1	-48 VOLTS OR RETURN, BAY 0, FOR TMCU POWER PLANE A FOR +5 VOLTS OR B FOR -5 VOLTS.	0FNALED(0-2)	4/5	BAY 0, FAN ALARM LED 0 THROUGH 2	0RS(1-3)	4/1	BAY 0 POWER CONVERTER REMOTE START 1,2,OR 3.	1FALM	CAD-018	BAY 1, FUSE ALARM
-48R(0,1)F(0,1) (1-3)	4/4, CAD-020	BAY 0 OR 1, -48 VOLT GROUND STRAP	0FNRE(S,SR)	4/5	BAY 0, FAN ALARM RESET OR ITS RETURN	0SC(X,Y,Z)(R,3B)	4/1	BAY 0 SCAN POINTS X, Y OR Z TO THE 3B PC FRAME OR THE RETURN HALF OF THAT TWISTED PAIR.	1FALM(C,FN,RTN)	CAD-018	BAY 1, FUSE ALARM CABINET, FAN OR RETURN.
-48(R,V)1(A,B)	CAD-020	-48 VOLTS OR RETURN, BAY 1, FOR TMCU POWER PLANE A FOR +5 VOLTS OR B FOR -5 VOLTS.	0FNRC(R,3B)	4/5	BAY 0, FAN SCAN TO 3B OR ITS RETURN	0S(0-3)MER(1,1R)	1/1-3	BAY 0, FROM SHELF INTERFACE PACK ON SHELF 0,1,2,OR 3, TO MAINTENANCE PACK IN TMCU ERROR LEAD ACTIVE HIGH OR THE RETURN HALF OF THAT TWISTED PAIR.	1FALML	CAD-018	BAY 1, FUSE ALARM LED.
-48V(0,1)F(0,1) (1-3)	4/4,5/7 CAD-020	BAY 0 OR 1, -48 VOLT LOAD FUSE	0F(0,1)ML(A,B) D(0,1)	3/2,3/3	BAY 0, FROM FANOUT BOARD ON SHELF 0 OR 1, TO MESSAGE LINK INTERFACE BOARD A OR B HALF OF THE DATA STREAM AND 0 OR 1 SIDE OF THE BALANCED LINE TWISTED PAIR.	0TF(0-3)(A,B) DT(0,1)	3/1	BAY 0, FROM TEST BOARD TO FANOUT BOARD ON SHELF 0,1,2 OR 3, A OR B HALF OF DATA STREAM, AND THE 0 OR 1 SIDE OF THE BALANCED LINE TWISTED PAIR.			
-48VOL(A,B)(0-3)	4/2,4/3	-48 VOLTS, BAY 0, FOR LINK INTERFACE PACKS ON POWER PLANES A OR B IN TMSU SHELF 0,1,2 OR 3.	0FOTSP(0,1)	3/2	BAY 0 FROM FANOUT 0, TIME SLOT PARITY, 0 OR 1 SIDE OF THE BALANCED LINE TWISTED PAIR.	0TMSCLK(P,N)	1/1	SIDE 0, TMS CLOCK POSITIVE AND NEGATIVE. (BAY 0, FROM FPC TRANSMIT CLOCK TO TMS INTERFACE OR THE RETURN HALF OF THAT TWISTED PAIR.)			
-48V1(A,B)(0-3)	CAD-020	-48 VOLTS, BAY 1, FOR LINK INTERFACE PACKS ON POWER PLANES A OR B IN TMSU SHELF 0,1,2 OR 3.	0IS(0-3) (CDID,DIOR)	1/1	BAY 0, FROM TMS INTERFACE TO SHELF INTERFACE ON SHELF 0,1,2 OR 3, CONTROL DATA INPUT/OUTPUT OR THE RETURN HALF OF THAT TWISTED PAIR.	0TMSSEL(P,N)	1/1	SIDE 0, TMS SELECT POSITIVE AND NEGATIVE. (BAY 0, FROM FPC TO TMS INTERFACE, SELECT TMS LEAD OR THE RETURN HALF OF THAT TWISTED PAIR.)			
-48V0ML1	4/4	-48 VOLTS, BAY 0, TO MESSAGE LINK INTERFACE CIRCUIT PACK.	0IS(0-3)GT(0,0R)	1/1	BAY 0, FROM TMS INTERFACE TO SHELF INTERFACE ON SHELF 0,1,2 OR 3, GATE SIGNAL ACTIVE LOW OR THE RETURN HALF OF THAT TWISTED PAIR.	0TMSGO(P,N)	1/1	SIDE 0, TMS GO POSITIVE AND NEGATIVE. (BAY 0, FROM FPC TO TMS INTERFACE, GO TMS LEAD OR RETURN HALF OF THAT TWISTED PAIR.)			
-48V1ML1	CAD-020	-48 VOLTS, BAY 1, TO MESSAGE LINK INTERFACE CIRCUIT PACK.	0KF(0-3) (2M,8K,16M)(0,1)	2/1	BAY 0, CLOCK INTERFACE TO FANOUT ON SHELF 0,1,2 OR 3, 2MHZ, 8KHZ, OR 16MHZ CLOCK SIGNALS, THE 0 OR 1 SIDE OF THE BALANCED LINE TWISTED PAIR.	0TMSIN(P,N)	1/1	SIDE 0, TMS IN POSITIVE AND NEGATIVE. (BAY 0, RECEIVED DATA FROM THE TMS INTERFACE PACK TO THE FPC OR THE RETURN HALF OF THAT TWISTED PAIR.)			
-5(G,V)0SLF(0-3)	4/1	-5 VOLT OR GROUND, FOR BAY 0, POWER DISTRIBUTION TO SHELF 0,1,2 OR 3.	0L(1-8)(0-3) RM(1-30)	3/2,3/3	BAY 0, LINK INTERFACE PACK 1,2,3,4,5,6,7 OR 8, SHELF 0,1,2 OR 3, OPTIC RECEIVER, RECEIVED DATA LEAD FROM INTERFACE MODULE 1,2,3,4,5,6, 7,8,9,10,11,12,13,14,15,16,17, 18,19,20,21,22,23,24,25,26, 27,28,29 OR 30.	0TMSINT(P,N)	1/1	SIDE 0, TMS INTERRUPT POSITIVE AND NEGATIVE. (BAY 0, FROM TMS INTERFACE PACK, ERROR INTERRUPT LEAD TO FPC OR THE RETURN HALF OF THAT TWISTED PAIR.)			
-5(G,V)1SLF(0-3)	CAD-020	-5 VOLT OR GROUND, FOR BAY 1, POWER DISTRIBUTION TO SHELF 0,1,2 OR 3.	0L(1-8)(0-3) XM(1-30)	3/2,3/3	BAY 0, LINK INTERFACE PACK 1,2,3,4,5,6,7 OR 8, SHELF 0,1,2 OR 3, OPTIC TRANSMITTER, TRANSMIT DATA LEAD TO INTERFACE MODULE 1,2,3,4,5,6, 7,8,9,10,11,12,13,14,15,16, 17,18,19,20,21,22,23,24,25, 26,27,28,29 OR 30.	0TMSOUT(P,N)	1/1	SIDE 0, TMS OUT POSITIVE AND NEGATIVE. (BAY 0, FROM FPC TRANSMIT DATA TO TMS INTERFACE OR THE RETURN HALF OF THAT TWISTED PAIR.)			
GRD(19,28,45,53) (094,095,096)	2,3/2,3	GROUND FOR SHELF AT CABINET EQL'S 19, 28, 45 OR 53 AND UNIT EQL'S 094, 095 OR 096.				0TMSRDY(P,N)	1/1	SIDE 0, TMS READY POSITIVE AND NEGATIVE. (BAY 0, FROM TMS INTERFACE PACK, BUSY LEAD TO FPC OR THE RETURN HALF OF THAT TWISTED PAIR.)			
GRD36(076,086,096)	2,3/1	GROUND FOR SHELF AT CABINET EQL 36 AND UNIT EQL'S 076, 086 OR 096.									
RTNA(00,11)	4/4	-48 VOLTS RETURN, A BUSS, 0 OR 1 HALF, BAY 0 OR 1.									
RTNB(00,11)	CAD-019	-48 VOLTS RETURN, B BUSS, 0 OR 1 HALF, BAY 0 OR 1.									
SPARE(0,1R)	3/3	SPARE ACTIVE LEAD AND RETURN									
0(+,-)CURPRM	4/1	BAY 0 + OR - SIDE OF THE CURRENT PROGRAMMING RESISTOR FOR THE - 5 VOLT SUPPLY.									
0+00S(EQ,IN,OT)	4/1-3	BAY 0 + OUT OF SERVICE LED ON POWER CONVERTERS, IN - FOR RETURN FROM ODD TMSU TO TMCU; OT - FOR TMCU TO EVEN TMSU; OR EO - FOR EVEN TMSU TO ODD									

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TIME MULTIPLEXED SWITCH CABINET		ISSUE <b>4B</b>
AT&T BELL LABORATORIES	SD-5D147-01	A2

# APPARATUS INDEX

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CIRCUIT PACKS UNITS		
007-000	1	C1
015-000	1	C1
015-000	1	C1
032-000	1	C1
-----		
041-000	1	C1
041-000	1	C1
067-000	1	C1
-----		
DESIG		
EVNTMSUO	1	C1
EVNTMSUO	1	C1
FANUNIT	1	C1
FP	1	C1
-----		
ODDTSUO	1	C1
ODDTSUO	1	C1
TMCUO	1	C1

DESIG	FS/SYM	APPFIG	EOPT	LOCATION CAD
UNIT				
EVNTMSUO	1/3	1		041-000
EVNTMSUO	2/2	1		041-000
EVNTMSUO	4/2	1		041-000
EVNTMSUO	3/2	1		041-000
-----				
FANUNIT	4/5	1		007-000
FP	4/4	1		067-000
ODDTSUO	3/3	1		015-000
ODDTSUO	1/2	1		015-000
-----				
ODDTSUO	2/3	1		015-000
ODDTSUO	4/3	1		015-000
TMCUO	2/1	1		032-000
TMCUO	4/1	1		032-000
-----				
TMCUO	3/1	1		032-000
TMCUO	1/1	1		032-000

DESIG	FS/SYM	LOCATION CAD
MESSAGE INTERFACE/ CLOCK UNIT		
OMLIRCV	3/1	014
OMLIXMIT	3/1	013
OTMSBKR	2/1	012
OTMSBKT	2/1	012
-----		
OTMSCLKN	1/1	003
OTMSCLKP	1/1	003
OTMSELM	1/1	003
OTMSELP	1/1	003
-----		
OTMSGON	1/1	003
OTMSGOP	1/1	003
OTMSLNN	1/1	003
OTMSLNP	1/1	003
-----		
OTMSINTN	1/1	003
OTMSINTP	1/1	003
OTMSOUTN	1/1	003
OTMSOUTP	1/1	003
-----		
OTMSROYN	1/1	003
OTMSRDYP	1/1	003
OTMSROTN	1/1	003
OTMSRQTP	1/1	003
-----		
OTMSRSTN	1/1	003
OTMSRSTP	1/1	003
O&KTHSR	2/1	012
O&KTHST	2/1	012

DESIG	FS/SYM	LOCATION CAD
TIME SLOT INTERCHANGE UNIT		
OL12RM15	3/2	014
OL12RM16	3/2	014
OL12XM15	3/2	013
OL12XM16	3/2	013
-----		
OL13RM15	3/3	014
OL13RM16	3/3	014
OL13XM15	3/3	013
OL13XM16	3/3	013
-----		
OL20RM1	3/2	014
OL20RM2	3/2	014
OL20XM1	3/2	013
OL20XM2	3/2	013
-----		
OL21RM1	3/3	014
OL21RM2	3/3	014
OL21XM1	3/3	013
OL21XM2	3/3	013
-----		
OL22RM17	3/2	014
OL22RM18	3/2	014
OL22XM17	3/2	013
OL22XM18	3/2	013
-----		
OL23RM17	3/3	014
OL23RM18	3/3	014
OL23XM17	3/3	013
OL23XM18	3/3	013

DESIG	FS/SYM	LOCATION CAD
TIME SLOT INTERCHANGE UNIT (CONT)		
OL52RM24	3/2	014
OL52XM23	3/2	013
OL52XM24	3/2	013
OL53RM23	3/3	014
-----		
OL53RM24	3/3	014
OL53XM23	3/3	013
OL53XM24	3/3	013
OL60RM9	3/2	014
-----		
OL60RM10	3/2	014
OL60XM9	3/2	013
OL60XM10	3/2	013
OL61RM9	3/3	014
-----		
OL61RM10	3/3	014
OL61XM9	3/3	013
OL61XM10	3/3	013
OL62RM25	3/2	014
-----		
OL62RM26	3/2	014
OL62XM25	3/2	013
OL62XM26	3/2	013
OL63RM25	3/3	014
OL63RM26	3/3	014
OL63XM25	3/3	013
OL63XM26	3/3	013
OL70RM11	3/2	014

DESIG	FS/SYM	LOCATION CAD
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM01		
OL20RM1	3/2	014
OL20XM1	3/2	013
OL21RM1	3/3	014
OL21XM1	3/3	013
-----		
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM02		
OL20RM2	3/2	014
OL20XM2	3/2	013
OL21RM2	3/3	014
OL21XM2	3/3	013
-----		
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM03		
OL30RM3	3/2	014
OL30XM3	3/2	013
OL31RM3	3/3	014
OL31XM3	3/3	013
-----		
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM04		
OL70RM11	3/2	013
OL70XM11	3/2	013
OL71RM11	3/3	014
OL71XM11	3/3	013
-----		
OL71RM12	3/3	014
OL71XM12	3/3	013
OL72RM27	3/2	014
-----		
OL72RM28	3/2	014
OL72XM27	3/2	013
OL72XM28	3/2	013
OL73RM27	3/3	014
OL73RM28	3/3	014
OL73XM27	3/3	013
OL73XM28	3/3	013
OL80RM13	3/2	014

DESIG	FS/SYM	LOCATION CAD
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM07		
OL50RM7	3/2	014
OL50XM7	3/2	013
OL51RM7	3/3	014
OL51XM7	3/3	013
-----		
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM08		
OL50RM8	3/2	014
OL50XM8	3/2	013
OL51RM8	3/3	014
OL51XM8	3/3	013
-----		
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM09		
OL60RM9	3/2	014
OL60XM9	3/2	013
OL61RM9	3/3	014
OL61XM9	3/3	013
-----		
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM10		
OL60RM10	3/2	014
OL60XM10	3/2	013
OL61RM10	3/3	014
OL61XM10	3/3	013
-----		
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM11		
OL70RM11	3/2	014
OL70XM11	3/2	013
OL71RM11	3/3	014
OL71XM11	3/3	013
-----		
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM12		
OL70RM12	3/2	014
OL70XM12	3/2	013
OL71RM12	3/3	014
OL71XM12	3/3	013

### PERIPHERAL CONTROLLER UNIT 0

DESIG	FS/SYM	LOCATION CAD
OFNRES	4/5	001
OFNRESR	4/5	001
OFNSCSB	4/5	001
OFNSCSBR	4/5	001
-----		
OODS3B	4/1	001
OODSR	4/1	001
ORQIP3B	4/1	001
ORQIP3BR	4/1	001
-----		
OSCX3B	4/1	001
OSCXR	4/1	001
OSCY3B	4/1	001
OSCYR	4/1	001
-----		
OSCZ3B	4/1	001
OSCZR	4/1	001

### PERIPHERAL CONTROLLER UNIT 1

DESIG	FS/SYM	LOCATION CAD
OODS3B	4/1	001
OODSR	4/1	001
ORQIP3B	4/1	001
ORQIP3BR	4/1	001
-----		
OSCX3B	4/1	001
OSCXR	4/1	001
OSCY3B	4/1	001
OSCYR	4/1	001
-----		
OSCZ3B	4/1	001
OSCZR	4/1	001

### POWER DISTRIBUTION A

DESIG	FS/SYM	LOCATION CAD
-4BA00	4/4	016
-4BA11	4/4	016
RTHA00	4/4	016
RTHA11	4/4	016

DESIG	FS/SYM	LOCATION CAD
OL30RM3	3/2	014
OL30RM4	3/2	014
OL30XM3	3/2	013
OL30XM4	3/2	013
-----		
OL31RM3	3/3	014
OL31RM4	3/3	014
OL31XM3	3/3	013
OL31XM4	3/3	013
-----		
OL32RM19	3/2	014
OL32RM20	3/2	014
OL32XM19	3/2	013
OL32XM20	3/2	013
-----		
OL33RM19	3/3	014
OL33RM20	3/3	014
OL33XM19	3/3	013
OL33XM20	3/3	013
-----		
OL40RM5	3/2	014
OL40RM6	3/2	014
OL40XM5	3/2	013
OL40XM6	3/2	013
-----		
OL41RM5	3/3	014
OL41RM6	3/3	014
OL41XM5	3/3	013
OL41XM6	3/3	013
-----		
OL42RM21	3/2	014
OL42RM22	3/2	014
OL42XM21	3/2	013
OL42XM22	3/2	013
-----		
OL43RM21	3/3	014
OL43RM22	3/3	014
OL43XM21	3/3	013
OL43XM22	3/3	013
-----		
OL50RM7	3/2	014
OL50RM8	3/2	014
OL50XM7	3/2	013
OL50XM8	3/2	013
-----		
OL51RM7	3/3	014
OL51RM8	3/3	014
OL51XM7	3/3	013
OL51XM8	3/3	013
-----		
OL52RM23	3/2	014

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TIME MULTIPLEXED SWITCH CABINET		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 4B
SD-5D147-01		A3

INTERFRAME LEAD INDEX (CONT)

DESIG	LOCATION		DESIG	LOCATION		DESIG	LOCATION	
	FS/SYM	CAD		FS/SYM	CAD		FS/SYM	CAD
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM13								
OL80RM13	3/2	014	OL32RM20	3/2	014	OL72RM27	3/2	014
OL80XM13	3/2	013	OL32XM20	3/2	013	OL72XM27	3/2	013
OL81RM13	3/3	014	OL33RM20	3/3	014	OL73RM27	3/3	014
OL81XM13	3/3	013	OL33XM20	3/3	013	OL73XM27	3/3	013
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM14								
OL80RM14	3/2	014	OL42RM21	3/2	014	OL72RM28	3/2	014
OL80XM14	3/2	013	OL42XM21	3/2	013	OL72XM28	3/2	013
OL81RM14	3/3	014	OL43RM21	3/3	014	OL73RM28	3/3	014
OL81XM14	3/3	013	OL43XM21	3/3	013	OL73XM28	3/3	013
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM15								
OL12RM15	3/2	014	OL42RM22	3/2	014	OL82RM29	3/2	014
OL12XM15	3/2	013	OL42XM22	3/2	013	OL82XM29	3/2	013
OL13RM15	3/3	014	OL43RM22	3/3	014	OL83RM29	3/3	014
OL13XM15	3/3	013	OL43XM22	3/3	013	OL83XM29	3/3	013
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM16								
OL12RM16	3/2	014	OL52RM23	3/2	014	OL82RM30	3/2	014
OL12XM16	3/2	013	OL52XM23	3/2	013	OL82XM30	3/2	013
OL13RM16	3/3	014	OL53RM23	3/3	014	OL83RM30	3/3	014
OL13XM16	3/3	013	OL53XM23	3/3	013	OL83XM30	3/3	013
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM17								
OL22RM17	3/2	014	OL52RM24	3/2	014			
OL22XM17	3/2	013	OL52XM24	3/2	013			
OL23RM17	3/3	014	OL53RM24	3/3	014			
OL23XM17	3/3	013	OL53XM24	3/3	013			
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM18								
OL22RM18	3/2	014	OL62RM25	3/2	014			
OL22XM18	3/2	013	OL62XM25	3/2	013			
OL23RM18	3/3	014	OL63RM25	3/3	014			
OL23XM18	3/3	013	OL63XM25	3/3	013			
TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM19								
OL32RM19	3/2	014	OL62RM26	3/2	014			
OL32XM19	3/2	013	OL62XM26	3/2	013			
OL33RM19	3/3	014	OL63RM26	3/3	014			
OL33XM19	3/3	013	OL63XM26	3/3	013			

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TIME MULTIPLEXED SWITCH CABINET		ISSUE 4B
AT&T BELL LABORATORIES	SD-5D147-01	A4

INTRAFRAME LEAD INDEX

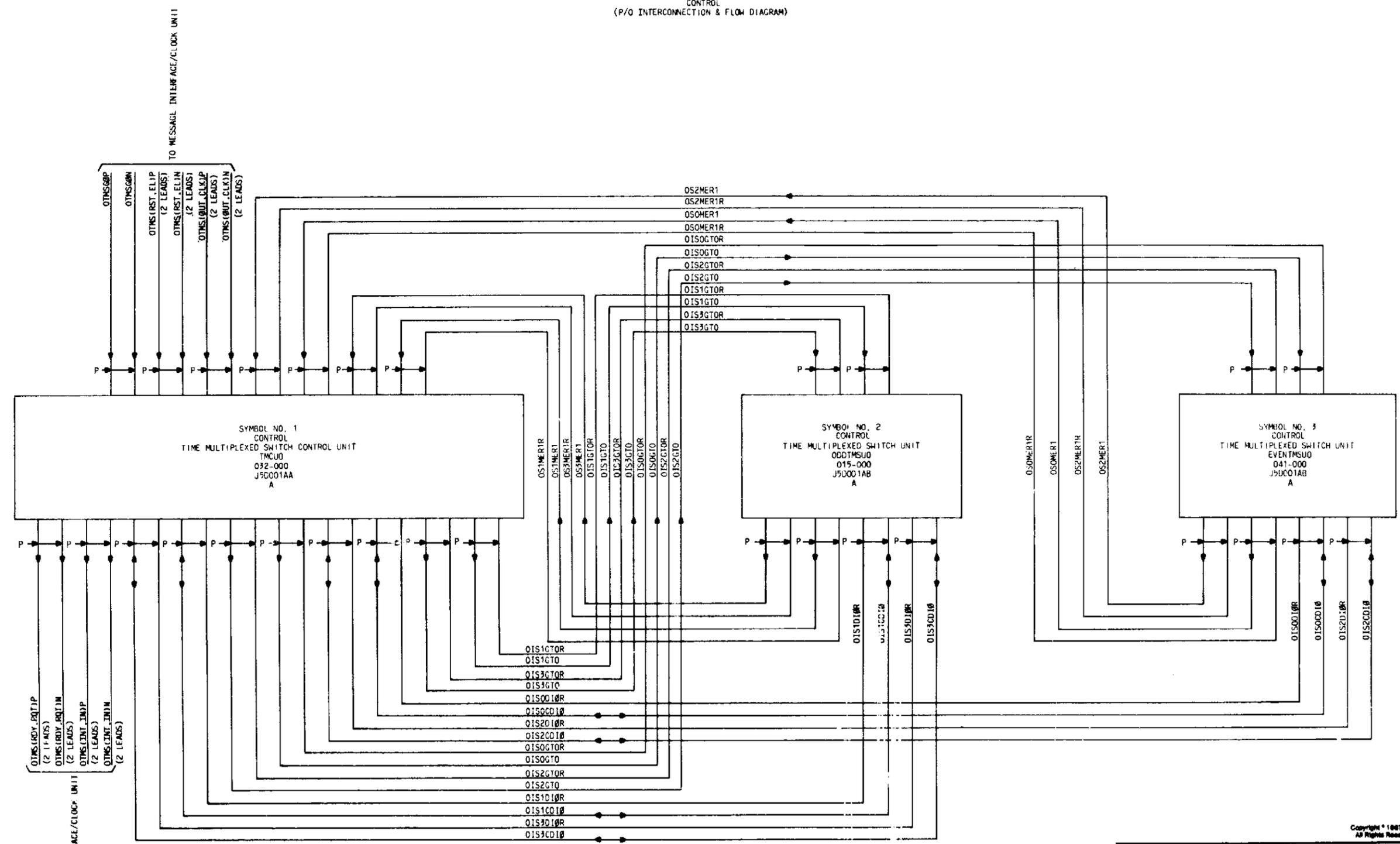
A	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.			
	DN-UNIT (TERM. MOD)	DN-FRAME	ON-FRAME		DN-UNIT (TERM. MOD)	DN-FRAME	ON-FRAME		DN-UNIT (TERM. MOD)	DN-FRAME	ON-FRAME		DN-UNIT (TERM. MOD)	DN-FRAME	ON-FRAME		DN-UNIT (TERM. MOD)	DN-FRAME	ON-FRAME		DN-UNIT (TERM. MOD)	DN-FRAME	ON-FRAME
	FAN UNIT 007-000				FUSE/FILTER PANEL 067-000 (CONT)				TIME MULTIPLEXED SWITCH CONTROL UNIT 032-000 (CONT)				TIME MULTIPLEXED SWITCH CONTROL UNIT 015-000 (CONT)				TIME MULTIPLEXED SWITCH UNIT 015-000 (CONT)				TIME MULTIPLEXED SWITCH UNIT 041-000 (CONT)		
B	-48B1A	-48V0F01	4/5	10663T	-48V0LB1	4/4	10S3GT0	01S3GT0	1/1	SCXR	0SCXR	4/1	CK2M1S0	0KF12M1	2/3	20XFOB	0L21XM2	3/3	+00SA2	0+00SE0	4/2		
	-48B1B	-48V0F11	4/5	10664B	-48V0A01	4/4	K00TTH8K	0BKTH8T	2/1	SCX3B	0SCX3B	4/1	CK2M1S2	0KF32M1	2/3	22RFOA	0L23RM17	3/3	+00SCA1	0+00S0T	4/2		
	-48B2A	-48V0F02	4/5	10664BR	-48R0A01	4/4	K00TT&KR	0BKTHSR	2/1	SCYR	0SCYR	4/1	GRD04032	01S3D10R	1/2	22RFOB	0L23RM18	3/3	-CURPRM	0-CURPRM	4/2		
	-48B2B	-48V0F12	4/5	10664T	-48V0LA1	4/4	K016M0F0	0KF016M0	2/1	SCY3B	0SCY3B	4/1	GRD04032	01S3GT0R	1/2	22XFOA	0L23XM17	3/3	-48A0	-48V0AE0	4/2		
	-48B3A	-48V0F03	4/5	30426B	-48V0ML1	4/4	K016M0F1	0KF116M0	2/1	SCZR	0SCZR	4/1	GRD04032	0S3MER1R	1/2	22XFOB	0L23XM18	3/3	-48A2	-48V0AE2	4/2		
	-48B3B	-48V0F13	4/5	30427B	-48V0CB	4/4	K016M0F2	0KF216M0	2/1	SCZ3B	0SCZ3B	4/1	GRD04096	GRD19094	3/3	30RFOA	0L31RM3	3/3	-48B0	-48V0BE0	4/2		
	FLED1	0FNALED1	4/5	30427BR	-48R0CB	4/4	K016M0F3	0KF316M0	2/1	SPARE	SPARE01	3/1	GRD04096	GRD19095	3/3	30RFOB	0L31RM4	3/3	-48B2	-48V0BE2	4/2		
	FLED2	0FNALED2	4/5	30428B	-48V0CA	4/4	K016M1F0	0KF016M1	2/1	SPARE	SPARE01R	3/1	GRD04096	GRD19096	2/3	30XFOA	0L31XM3	3/3	-48LIA0	-48V0LA0	4/2		
	FRLED0	0FNALED0	4/5	30428BR	-48R0CA	4/4	K016M1F1	0KF116M1	2/1	S0M0ERR1	0S0MER1	1/1	GRD04108	-5G0SLF3	4/3	30XFOB	0L31XM4	3/3	-48LIA2	-48V0LA2	4/2		
	RTN	0FNRESR	4/5				K016M1F2	0KF216M1	2/1	S1M0ERR1	0S1MER1	1/1	GRD13032	01S1010R	1/2	32RFOA	0L33RM19	3/3	-48L1B0	-48V0LB0	4/2		
	RTN	0FNSC3BR	4/5				K016M1F3	0KF316M1	2/1	S2M0ERR1	0S2MER1	1/1	GRD13032	01S1GT0R	1/2	32RFOB	0L33RM20	3/3	-48L1B2	-48V0LB2	4/2		
	3BRRES1	0FNRES	4/5				K02M0S0	0KF02M0	2/1	S3M0ERR1	0S3MER1	1/1	GRD13032	00SUS1D	1/2	32XFOA	0L33XM19	3/3	-48RTNA0	-48R0AE0	4/2		
	3BSCN0	0FNSC3B	4/5	+CURPRM	0-CURPRM	4/1	K02M0S1	0KF12M0	2/1	TB0A0TF0	0TF0ADT0	3/1	GRD13032	0S1MER1R	1/2	32XFOB	0L33XM20	3/3	-48RTNA2	-48R0AE2	4/2		
	48RTNB1A	-48R0F01	4/5	+00SIN	0+00SIN	4/1	K02M0S2	0KF22M0	2/1	TB0A0TF1	0TF1ADT0	3/1	GRD13096	GRD28094	3/3	40RFOA	0L41RM5	3/3	-48RTNB0	-48R0BE0	4/2		
	48RTNB1B	-48R0F11	4/5	+00SOT	0+00SOT	4/1	K02M0S3	0KF32M0	2/1	TB0A0TF2	0TF2ADT0	3/1	GRD13096	GRD28095	3/3	40RFOB	0L41RM6	3/3	-48RTNB2	-48R0BE2	4/2		
	48RTNB2A	-48R0F02	4/5	-CURPRM	0-CURPRM	4/1	K02M1S0	0KF02M1	2/1	TB0A0TF3	0TF3ADT0	3/1	GRD13096	GRD28096	2/3	40XFOA	0L41XM3	3/3	-5CA	-5V0SLF0	4/2		
	48RTNB2B	-48R0F12	4/5	-48ARTN	-48R0CA	4/1	K02M1S1	0KF12M1	2/1	TB0B0TF0	0TF0BDT0	3/1	GRD13108	-5G0SLF1	4/3	40XFOB	0L41XM6	3/3	-5CB	-5V0SLF2	4/2		
	48RTNB3A	-48R0F03	4/5	-48BRTN	-48R0CB	4/1	K02M1S2	0KF22M1	2/1	TB0B0TF1	0TF1BDT0	3/1	10CS0C10	01S10C10	1/2	42RFOA	0L43RM21	3/3	ALM1	0ALMED	4/2		
	48RTNB3B	-48R0F13	4/5	-48CA	-48V0CA	4/1	K02M1S3	0KF32M1	2/1	TB0B0TF2	0TF2BDT0	3/1	10CS0G10	01S1GT0	1/2	42RFOB	0L43RM22	3/3	ALM1	0ALMOT	4/2		
				-48CB	-48V0CB	4/1	K08K0F0	0KF08K0	2/1	TB0B0TF3	0TF3BDT0	3/1	10CS2C10	01S3C010	1/2	42XFOA	0L43XM21	3/3	CARD	0CARDE0	4/2		
				-48MLIA	-48V0ML1	4/1	K08K0F1	0KF18K0	2/1	TB1A0TF0	0TF0ADT1	3/1	10CS2GT0	01S3GT0	1/2	42XFOB	0L43XM22	3/3	CARD	0CARDOT	4/2		
	-48B00	-48A00	4/4	-5	-5V0SLF0	4/1	K08K0F2	0KF28K0	2/1	TB1A0TF1	0TF1ADT1	3/1	K016M0F0	0KF116M0	2/3	50RFOA	0L51RM7	3/3	CK2M0S0	0KF22M0	2/2		
	-48B10	-48A11	4/4	-5	-5V0SLF1	4/1	K08K0F3	0KF38K0	2/1	TB1A0TF2	0TF2ADT1	3/1	K016M0F2	0KF316M0	2/3	50RFOB	0L51RM8	3/3	CK2M0S2	0KF22M0	2/2		
	ALM018	0ALM18	4/4	-5	-5V0SLF2	4/1	K08K1F0	0KF08K1	2/1	TB1A0TF3	0TF3ADT1	3/1	K016M1F0	0KF116M1	2/3	50XFOA	0L51XM7	3/3	CK2M1S0	0KF02M1	2/2		
	ALM018	0FALM	4/4	-5	-5V0SLF3	4/1	K08K1F1	0KF18K1	2/1	TB1B0TF0	0TF0BDT1	3/1	K016M1F2	0KF316M1	2/3	50XFOB	0L51XM8	3/3	CK2M1S2	0KF22M1	2/2		
	ALM066	0ALM66	4/4	ALM1N	0ALM1N	4/1	K08K1F2	0KF28K1	2/1	TB1B0TF1	0TF1BDT1	3/1	K08K0F0	0KF18K0	2/3	52RFOA	0L53RM23	3/3	GRD04032	01S2D10R	1/3		
	ALM420	0FALM420	4/4	ALMOT	0ALMOT	4/1	K08K1F3	0KF38K1	2/1	TB1B0TF2	0TF2BDT1	3/1	K08K0F2	0KF38K0	2/3	52RFOB	0L53RM24	3/3	GRD04032	01S2GT0R	1/3		
	ALM420	0FALM420	4/4	ALMOT	0FALM	4/1	MLRFOA	0MLRFOA	3/1	TB1B0TF3	0TF3BDT1	3/1	K08K1F0	0KF18K1	2/3	52XFOA	0L53XM23	3/3	GRD04032	01S2GT0R	1/3		
	ALM421	0FALM421	4/4	CARDIN	0CARDIN	4/1	MLXFOB	0MLXMIT	3/1	X0MLTSP0	0F0TSP0	3/1	K08K1F2	0KF38K1	2/3	52XFOB	0L53XM24	3/3	GRD04096	GRD45094	3/2		
	FA0	0FALM0	4/4	CARDOT	0CARDOT	4/1	MLOA0TF0	0MLFOA00	3/1	X00AINML	0F0MLA00	3/1	MLOAINF0	0MLF1A00	3/3	60RFOA	0L61RM9	3/3	GRD04096	GRD45095	3/2		
	RTN	0FALMRTN	4/4	FALMOT	0FALMOT	4/1	MLOA0TF1	0MLFOA01	3/1	X00BINML	0F0MLB00	3/1	MLOAINF2	0MLF3A00	3/3	60RFOB	0L61RM10	3/3	GRD04096	GRD45096	2/2		
	RTNB00	RTNB00	4/4	MLOA0F0	01S0D10R	1/1	MLOA0TF2	0MLFOA02	3/1	X01AINML	0F1MLB00	3/1	MLOBINF0	0MLF1B00	3/3	60XFOA	0L61XM9	3/3	GRD04108	-5G0SLF2	4/2		
	RTNB10	RTNB10	4/4	MLOA0F1	01S2D10R	1/1	MLOA0TF3	0MLFOA03	3/1	X01BINML	0F1MLB00	3/1	MLOBINF2	0MLF3B00	3/3	60XFOB	0L61XM10	3/3	GRD13032	01S0D10R	1/3		
	10181B	-48V0BE2	4/4	GRD04052	01S0GT0R	1/1	MLOB0TF0	0MLF0B00	3/1	X1MLTSP0	0F0TSP1	3/1	ML1AINF0	0MLF1AD1	3/3	62RFOA	0L63RM25	3/3	GRD13032	01S0GT0R	1/3		
	10181BR	-48R0BE2	4/4	GRD04052	01S1GT0R	1/1	MLOB0TF1	0MLF0B01	3/1	X10BINML	0F0MLAD1	3/1	ML1AINF2	0MLF3AD1	3/3	62RFOB	0L63RM26	3/3	GRD13032	01S0GT0R	1/3		
	10181T	-48V0LB2	4/4	GRD04052	01S2D10R	1/1	MLOB0TF2	0MLF2B00	3/1	X10BINML	0F0MLB01	3/1	ML1BINF0	0MLF1BD1	3/3	62XFOA	0L63XM23	3/3	GRD13032	0S0MER1R	1/3		
	10182B	-48V0AE2	4/4	GRD04052	01S2GT0R	1/1	MLOB0TF3	0MLF3B00	3/1	X11AINML	0F1MLAD1	3/1	ML1BINF2	0MLF3BD1	3/3	62XFOB	0L63XM26	3/3	GRD13096	GRD53095	3/2		
	10182BR	-48R0AE2	4/4	GRD04052	01S3D10R	1/1	ML1A0TF0	0MLFOAD1	3/1	X11BINML	0F1MLB01	3/1	RS1	0RS1	4/3	70RFOA	0L71RM11	3/3	GRD13096	GRD53096	2/2		
	10182T	-48V0LA2	4/4	GRD04052	01S3GT0R	1/1	ML1A0TF1	0MLFOAD1	3/1				RS2	0RS2	4/3	70RFOB	0L71RM12	3/3	GRD13108	-5G0SLF0	4/2		
	10183B	-48V0BE0	4/4	GRD04052	0S0MER1R	1/1	ML1A0TF2	0MLF2AD1	3/1				RS3	0RS3	4/3	70XFOA	0L71XM11	3/3	10CS0C10	01S0C010	1/3		
	10183BR	-48R0BE0	4/4	GRD04052	0S1MER1R	1/1	ML1A0TF3	0MLF3AD1	3/1							70XFOB	0L71XM12	3/3	10CS0G10	01S0GT0	1/3		
	10183T	-48V0LB0	4/4	GRD04052	0S2MER1R	1/1	ML1B0TF0	0MLF0BD1	3/1							72RFOA	0L73RM27	3/3	10CS2C10	01S2C010	1/3		
	10184B	-48V0AE0	4/4	GRD04076	GRD36076	3/1	ML1B0TF1	0MLF1BD1	3/1							72RFOB	0L73RM28	3/3	10CS2GT0	01S2GT0	1/3		
	10184BR	-48R0AE0	4/4	GRD04086	GRD36086	3/1	ML1B0TF2	0MLF2BD1	3/1							72XFOA	0L73XM27	3/3	K016M0F0	0KF016M0	2/2		
	10184T	-48V0LA0	4/4	GRD04096	GRD36096	2/1	ML1B0TF3	0MLF3BD1	3/1							72XFOB	0L73XM28	3/3	K016M0F2	0KF216M0	2/2		
	10421T	-48V0F11	4/4	GRD04178	-5G0SLF0	4/1	NCIN&KRF	0TMSBKT	2/1							80RFOA	0L81RM13	3/3	K016M1F0	0KF016M1	2/2		
	10421TR	-48R0F13	4/4	GRD04178	-5G0SLF1	4/1	NCIN&KRR	0TMSBKR	2/1							80RFOB	0L81RM14	3/3	K016M1F2	0KF216M1	2/2		
	10422B	-48V0F11	4/4	GRD04178	-5G0SLF2	4/1	O00SR	000SR	4/1							80XFOA	0L81XM13	3/3	K08K0F0	0KF08K0	2/2		
	10422BR	-48R0F11	4/4	GRD04178	-5G0SLF3	4/1	O053B	00053B	4/1							80XFOB	0L81XM14	3/3	K08K0F2	0KF28K0	2/2		
	10422T	-48V0F12	4/4	IOBUSY	0TMSRDYP	1/1	PCIGOT	0TMSGOP	1/1							82RFOA	0L83RM29	3/3	K08K1F0	0KF08K1	2/2		
	10422TR	-48R0F12	4/4	IOBUSYR	0TMSRDYN	1/1	PCIGOTR	0TMSGON	1/1							82RFOB	0L83RM30	3/3	K08K1F2	0KF28K1	2/2		
	10423T	-48V0F03	4/4	PCIRSET	0TMSRSTN	1/1	PCIRSET	0TMSRSTN															

INTRAFRAME LEAD INDEX (CONT)

A	DESIGNATION			FS/SYM LOC.	DESIGNATION			FS/SYM LOC.
	ON-UNIT (TERM. MOD)	ON-FRAME			ON-UNIT (TERM. MOD)	ON-FRAME		
	TIME MULTIPLEXED SWITCH UNIT 041-000 (CONT)				TIME MULTIPLEXED SWITCH UNIT 041-000 (CONT)			
	ML0BINF2	0MLF2B00	3/2	62RFOA	0L62RM25	3/2		
	ML1AINF0	0MLF0AD1	3/2	62RFDB	0L62RM26	3/2		
	ML1AINF2	0MLF2AD1	3/2	62XFOA	0L62XM25	3/2		
	ML1BINF0	0MLF0B01	3/2	62XFDB	0L62XM26	3/2		
B	ML1BINF2	0MLF2B01	3/2	70RFOA	0L70RM11	3/2		
	RS1	0RS1	4/2	70RFDB	0L70RM12	3/2		
	RS2	0RS2	4/2	70XFOA	0L70XM11	3/2		
	RS3	0RS3	4/2	70XFDB	0L70XM12	3/2		
	S0CIERR1	0S0MER1	1/3	72RFOA	0L72RM27	3/2		
	S2CIERR1	0S2MER1	1/3	72RFDB	0L72RM28	3/2		
	TB0AINF0	0TF0ADT0	3/2	72XFOA	0L72XM27	3/2		
	TB0AINF2	0TF2ADT0	3/2	72XFDB	0L72XM28	3/2		
C	TB0BINF0	0TF0BDT0	3/2	80RFOA	0L80RM13	3/2		
	TB0BINF2	0TF2BDT0	3/2	80RFDB	0L80RM14	3/2		
	TB1AINF0	0TF0ADT1	3/2	80XFOA	0L80XM13	3/2		
	TB1AINF2	0TF2ADT1	3/2	80XFDB	0L80XM14	3/2		
	TB1BINF0	0TF0BDT1	3/2	82RFOA	0L82RM29	3/2		
	TB1BINF2	0TF2BDT1	3/2	82RFDB	0L82RM30	3/2		
	X0AMLOT0	0F0MLAD0	3/2	82XFOA	0L82XM29	3/2		
	X0BML0T0	0F0MLBD0	3/2	82XFDB	0L82XM30	3/2		
	X0MLTSP0	0F0TSP0	3/2					
	X1AMLOT0	0F0MLAD1	3/2					
	X1BML0T0	0F0MLBD1	3/2					
	X1MLTSP0	0F0TSP1	3/2					
D	12RFOA	0L12RM15	3/2					
	12RFDB	0L12RM16	3/2					
	12XFOA	0L12XM15	3/2					
	12XFDB	0L12XM16	3/2					
	20RFOA	0L20RM1	3/2					
	20RFDB	0L20RM2	3/2					
	20XFOA	0L20XM1	3/2					
	20XFDB	0L20XM2	3/2					
E	22RFOA	0L22RM17	3/2					
	22RFDB	0L22RM18	3/2					
	22XFOA	0L22XM17	3/2					
	22XFDB	0L22XM18	3/2					
	30RFOA	0L30RM3	3/2					
	30RFDB	0L30RM4	3/2					
	30XFOA	0L30XM3	3/2					
	30XFDB	0L30XM4	3/2					
F	32RFOA	0L32RM19	3/2					
	32RFDB	0L32RM20	3/2					
	32XFOA	0L32XM19	3/2					
	32XFDB	0L32XM20	3/2					
	40RFOA	0L40RM5	3/2					
	40RFDB	0L40RM6	3/2					
	40XFOA	0L40XM5	3/2					
	40XFDB	0L40XM6	3/2					
	42RFOA	0L42RM21	3/2					
	42RFDB	0L42RM22	3/2					
	42XFOA	0L42XM21	3/2					
	42XFDB	0L42XM22	3/2					
G	50RFOA	0L50RM7	3/2					
	50RFDB	0L50RM8	3/2					
	50XFOA	0L50XM7	3/2					
	50XFDB	0L50XM8	3/2					
	52RFOA	0L52RM23	3/2					
	52RFDB	0L52RM24	3/2					
	52XFOA	0L52XM23	3/2					
	52XFDB	0L52XM24	3/2					
H	60RFOA	0L60RM9	3/2					
	60RFDB	0L60RM10	3/2					
	60XFOA	0L60XM9	3/2					
	60XFDB	0L60XM10	3/2					

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TIME MULTIPLEXED SWITCH CABINET	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D147-01	A6

**PART OF FS I**  
CONTROL  
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH CABINET		DWG SIZE	ISSUE
		88	5B
AT&T BELL LABORATORIES		S0-5D147-01	SHEET B1AA

PART OF FS 1  
CONTROL

SYMBOL NO. 1  
CONTROL  
TIME MULTIPLEXED SWITCH CONTROL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TMCU0	032-000	J5D001AA	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
01S0CD10	IO	04-056-011		1/3	P/01S0D10R	10S0C10	1/2
01S0D10R	GRD	04-057-011		1/3	P/01S0CD10	GRD04052	1/2
01S0GT0	D	04-056-010		1/3	P/01S0GT0R	10S0GT0	1/2
01S0GT0R	GRD	04-057-010		1/3	P/01S0GT0	GRD04052	1/2
01S1CD10	IO	04-056-005		1/2	P/01S1D10R	10S1C10	1/2
01S1D10R	GRD	04-057-005		1/2	P/01S1CD10	GRD04052	1/2
01S1GT0	D	04-056-004		1/2	P/01S1GT0R	10S1GT0	1/2
01S1GT0R	GRD	04-057-004		1/2	P/01S1GT0	GRD04052	1/2
01S2CD10	IO	04-056-008		1/3	P/01S2D10R	10S2C10	1/2
01S2D10R	GRD	04-057-008		1/3	P/01S2CD10	GRD04052	1/2
01S2GT0	D	04-056-007		1/3	P/01S2GT0R	10S2GT0	1/2
01S2GT0R	GRD	04-057-007		1/3	P/01S2GT0	GRD04052	1/2
01S3CD10	IO	04-056-002		1/2	P/01S3D10R	10S3C10	1/2
01S3D10R	GRD	04-057-002		1/2	P/01S3CD10	GRD04052	1/2
01S3GT0	D	04-056-001		1/2	P/01S3GT0R	10S3GT0	1/2
01S3GT0R	GRD	04-057-001		1/2	P/01S3GT0	GRD04052	1/2
0S0MER1	I	04-056-009		1/3	P/0S0MER1R	S0MERR1	1/3
0S0MER1R	GRD	04-057-009		1/3	P/0S0MER1	GRD04052	1/2
0S1MER1	I	04-056-003		1/2	P/0S1MER1R	S1MERR1	1/3
0S1MER1R	GRD	04-057-003		1/2	P/0S1MER1	GRD04052	1/2
0S2MER1	I	04-056-006		1/3	P/0S2MER1R	S2MERR1	1/3
0S2MER1R	GRD	04-057-006		1/3	P/0S2MER1	GRD04052	1/2
0S3MER1	I	04-056-000		1/2	P/0S3MER1R	S3MERR1	1/3
0S3MER1R	GRD	04-057-000		1/2	P/0S3MER1	GRD04052	1/2
0TMSCLKN	I	04-052-239			P/0TMSCLKP	PCITRCKR	1/2
0TMSCLKP	I	04-052-339			P/0TMSCLKN	PCITRCK	1/2
0TMSSELN	I	04-052-237			P/0TMSSELP	PCISELT	1/2
0TMSSELP	I	04-052-337			P/0TMSSELN	PCISELTR	1/2
0TMSGGN	I	04-052-236			P/0TMSGOP	PCIGOTR	1/2
0TMSGOP	I	04-052-336			P/0TMSGGN	PCIGOT	1/2
0TMSINN	O	04-052-238			P/0TMSINP	IORCVDR	1/2
0TMSINP	O	04-052-338			P/0TMSINN	IORCVD	1/2
0TMSINTN	O	04-052-232			P/0TMSINTP	IOINTRPR	1/2
0TMSINTP	O	04-052-332			P/0TMSINTN	IOINTRP	1/2
0TMSOUTN	I	04-052-235			P/0TMSOUTP	PCIXMTR	1/2
0TMSOUTP	I	04-052-335			P/0TMSOUTN	PCIXMTD	1/2
0TMSRDYN	O	04-052-233			P/0TMSRDYP	IOBUSYR	1/2
0TMSRDYP	O	04-052-333			P/0TMSRDYN	IOBUSY	1/2
0TMSRQTN	O	04-052-234			P/0TMSRQTP	IOEVNT	1/2

SYMBOL NO. 1 (CONT)

CONTROL  
TIME MULTIPLEXED SWITCH CONTROL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TMCU0	032-000	J5D001AA	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0TMSRQTP	O	04-052-334			TO MESSAGE INTERFACE/ CLOCK UNIT	P/0TMSRQTN	IOEVNTR 1/2
0TMSRSTN	I	04-052-240			TO MESSAGE INTERFACE/ CLOCK UNIT	P/0TMSRSTP	PCIRSET 1/2
0TMSRSTP	I	04-052-340			TO MESSAGE INTERFACE/ CLOCK UNIT	P/0TMSRSTN	PCIRSETR 1/2

SYMBOL NO. 2

CONTROL  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
DDTMSU0	015-000	J5D001AB	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
01S1CD10	IO	13-032-320		1/1	P/01S1D10R	10CS0C10	1/1
01S1D10R	GRD	13-032-220		1/1	P/01S1CD10	GRD13032	1/1
01S1GT0	I	13-032-221		1/1	P/01S1GT0R	10CS0GT0	1/1
01S1GT0R	GRD	13-032-321		1/1	P/01S1GT0	GRD13032	1/1
01S3CD10	IO	04-032-320		1/1	P/01S3D10R	10CS2C10	1/13
01S3D10R	GRD	04-032-220		1/1	P/01S3CD10	GRD04032	1/13
01S3GT0	I	04-032-221		1/1	P/01S3GT0R	10CS2GT0	1/13
01S3GT0R	GRD	04-032-321		1/1	P/01S3GT0	GRD04032	1/13
0DSUSID	I	13-032-023				SHLFDOP	1/1
0S1MER1	D	13-032-021		1/1	P/0S1MER1R	GRD13032	1/1
0S1MER1R	GRD	13-032-219		1/1	P/0S1MER1	SOC1ERR1	1/1
0S3MER1	D	04-032-219		1/1	P/0S3MER1R	GRD13032	1/1
0S3MER1R	GRD	04-032-319		1/1	P/0S3MER1	SZCIERR1	1/13
						GRD04032	1/13

SYMBOL NO. 3

CONTROL  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
EVNTHSU0	041-000	J5D001AB	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	I	13-032-023				SHLFDOP	1/1
01S0CD10	GRD	13-032-021				GRD13032	1/1
01S0D10R	IO	13-032-320		1/1	P/01S0D10R	10CS0C10	1/1
01S0GT0	GRD	13-032-220		1/1	P/01S0GT0R	GRD13032	1/1
01S0GT0R	GRD	13-032-321		1/1	P/01S0GT0	GRD13032	1/1
01S2CD10	IO	04-032-320		1/1	P/01S2D10R	10CS2C10	1/13
01S2D10R	GRD	04-032-220		1/1	P/01S2CD10	GRD04032	1/13
01S2GT0	I	04-032-221		1/1	P/01S2GT0R	10CS2GT0	1/13

SYMBOL NO. 3 (CONT)

CONTROL  
TIME MULTIPLEXED SWITCH UNIT

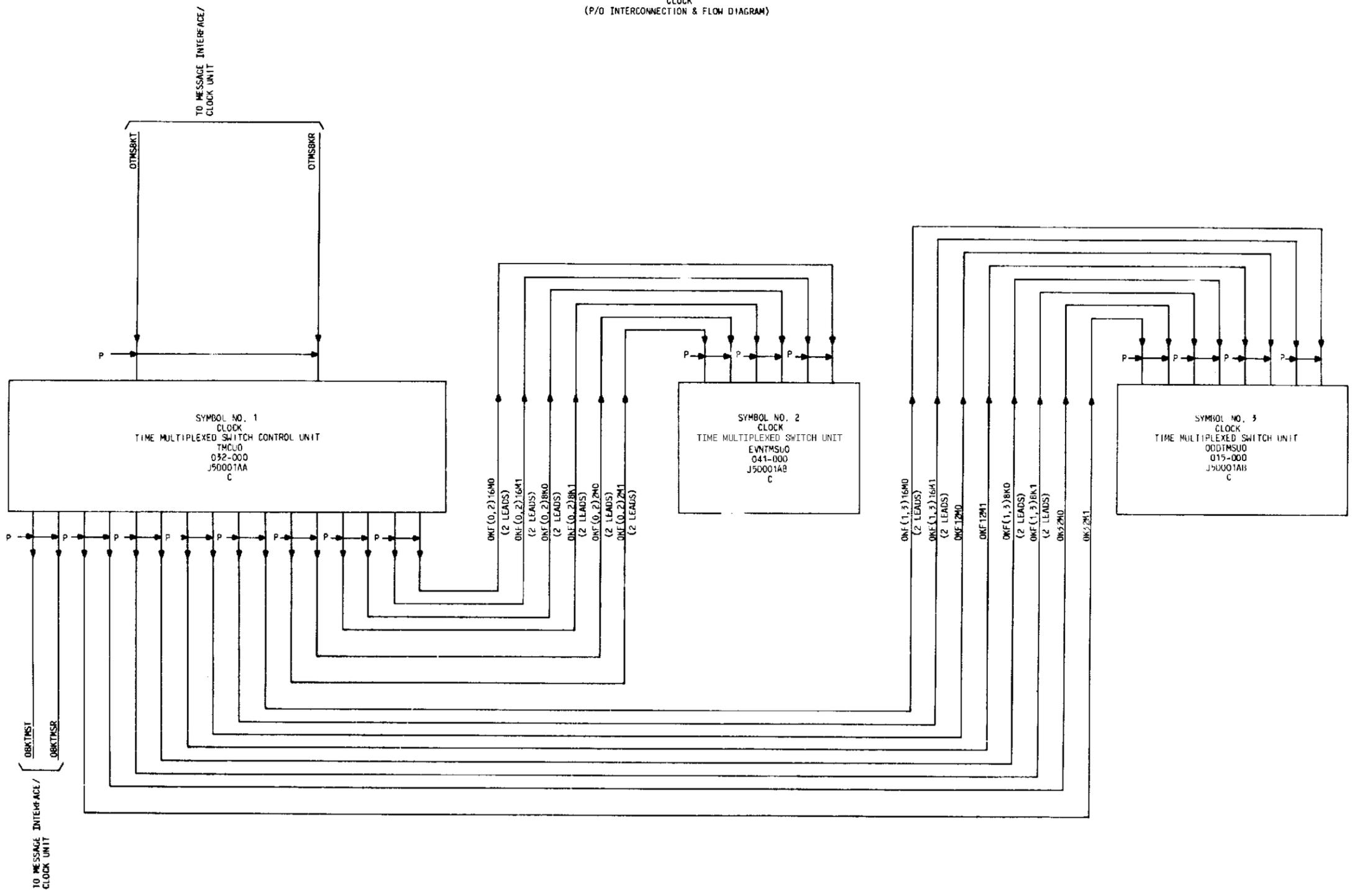
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
EVNTHSU0	041-000	J5D001AB	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
01S2GT0R	GRD	04-032-321		1/1	P/01S2GT0	GRD04032	1/13
0S0MER1	O	13-032-219		1/1	P/0S0MER1R	SOC1ERR1	1/1
0S0MER1R	GRD	13-032-319		1/1	P/0S0MER1	GRD13032	1/1
0S2MER1	O	04-032-219		1/1	P/0S2MER1R	SZCIERR1	1/13
0S2MER1R	GRD	04-032-319		1/1	P/0S2MER1	GRD04032	1/13

PART OF FS 1  
SYMBOL(S) 1 2 3

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TIME MULTIPLEXED SWITCH CABINET		DWG SIZE 2
AT&T BELL LABORATORIES		ISSUE 5B
SD-5D147-01		B1CA

**PART OF FS 2**  
CLOCK  
(P/O INTERCONNECTION & FLOW DIAGRAM)



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TIME MULTIPLEXED SWITCH CABINET		DWB SIZE	ISSUE
		88	5B
AT&T BELL LABORATORIES	SD-5D147-01	SHEET B2AA	

PART OF FS 2  
CLOCK

SYMBOL NO. 1

CLOCK  
TIME MULTIPLEXED SWITCH CONTROL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
TMCU0	032-000	J50001AA	C	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
GRD36096	GRD	04-096-032				GRD04096	1/6
	GRD	04-096-037				GRD04096	1/6
	GRD	04-096-038				GRD04096	1/6
	GRD	04-096-043				GRD04096	1/6
	GRD	04-096-132				GRD04096	1/6
	GRD	04-096-137				GRD04096	1/6
	GRD	04-096-138				GRD04096	1/6
	GRD	04-096-143				GRD04096	1/6
	GRD	04-096-232				GRD04096	1/6
	GRD	04-096-237				GRD04096	1/6
	GRD	04-096-238				GRD04096	1/6
	GRD	04-096-243				GRD04096	1/6
	GRD	04-096-332				GRD04096	1/6
	GRD	04-096-337				GRD04096	1/6
	GRD	04-096-338				GRD04096	1/6
	GRD	04-096-343				GRD04096	1/6
OKF016M0	O	04-096-042		Z/2	P/OKF016M1	K016M0F0	Z/1
OKF016M1	O	04-096-142		Z/2	P/OKF016M0	K016M1F0	Z/1
OKF02M0	O	04-096-039		Z/2	P/OKF02M1	K02M0S0	Z/1
OKF02M1	O	04-096-139		Z/2	P/OKF02M0	K02M1S0	Z/1
OKF08K0	O	04-096-040		Z/2	P/OKF08K1	K08K0F0	Z/1
OKF08K1	O	04-096-140		Z/2	P/OKF08K0	K08K1F0	Z/1
OKF116M0	O	04-096-242		Z/3	P/OKF116M1	K016M0F1	Z/1
OKF116M1	O	04-096-342		Z/3	P/OKF116M0	K016M1F1	Z/1
OKF12M0	O	04-096-239		Z/3	P/OKF12M1	K02M0S1	Z/1
OKF12M1	O	04-096-339		Z/3	P/OKF12M0	K02M1S1	Z/1
OKF18K0	O	04-096-240		Z/3	P/OKF18K1	K08K0F1	Z/1
OKF18K1	O	04-096-340		Z/3	P/OKF18K0	K08K1F1	Z/1
OKF216M0	O	04-096-036		Z/2	P/OKF216M1	K016M0F2	Z/1
OKF216M1	O	04-096-136		Z/2	P/OKF216M0	K016M1F2	Z/1
OKF22M0	O	04-096-034		Z/2	P/OKF22M1	K02M0S2	Z/1
OKF22M1	O	04-096-134		Z/2	P/OKF22M0	K02M1S2	Z/1
OKF28K0	O	04-096-035		Z/2	P/OKF28K1	K08K0F2	Z/1
OKF28K1	O	04-096-135		Z/2	P/OKF28K0	K08K1F2	Z/1
OKF316M0	O	04-096-236		Z/3	P/OKF316M1	K016M0F3	Z/1
OKF316M1	O	04-096-336		Z/3	P/OKF316M0	K016M1F3	Z/1
OKF32M0	O	04-096-234		Z/3	P/OKF32M1	K02M0S3	Z/1
OKF32M1	O	04-096-334		Z/3	P/OKF32M0	K02M1S3	Z/1
OKF38K0	O	04-096-235		Z/3	P/OKF38K1	K08K0F3	Z/1
OKF38K1	O	04-096-335		Z/3	P/OKF38K0	K08K1F3	Z/1
OTMS&KR	I	04-096-002			P/OTMS&KT	NCIN&KRR	1/6
OTMS&KT	I	04-096-102			P/OTMS&KR	NCIN&KRF	1/6
O&KTHSR	O	04-096-005			P/O&KTMST	K00TT&KR	1/6
O&KTMST	O	04-096-105			P/O&KSTMSR	K00TTM&K	1/6

SYMBOL NO. 2

CLOCK  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
EVNTHSU0	041-000	J5D001AB	C	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
GRD45096	GRD	04-096-013				GRD04096	Z/21
	GRD	04-096-018				GRD04096	Z/21
	GRD	04-096-019				GRD04096	Z/21
	GRD	04-096-024				GRD04096	Z/21
	GRD	04-096-113				GRD04096	Z/21
	GRD	04-096-118				GRD04096	Z/21
	GRD	04-096-119				GRD04096	Z/21
	GRD	04-096-124				GRD04096	Z/21
GRD53096	GRD	13-096-013				GRD13096	Z/8
	GRD	13-096-018				GRD13096	Z/8
	GRD	13-096-019				GRD13096	Z/8
	GRD	13-096-024				GRD13096	Z/8
	GRD	13-096-113				GRD13096	Z/8
	GRD	13-096-118				GRD13096	Z/8
	GRD	13-096-119				GRD13096	Z/8
	GRD	13-096-124				GRD13096	Z/8
OKF016M0	I	13-096-016		Z/1	P/OKF016M1	K016M0F0	Z/8
OKF016M1	I	13-096-116		Z/1	P/OKF016M0	K016M1F0	Z/8
OKF02M0	I	13-096-014		Z/1	P/OKF02M1	CK2M0S0	1/1
OKF02M1	I	13-096-114		Z/1	P/OKF02M0	CK2M1S0	1/1
OKF08K0	I	13-096-015		Z/1	P/OKF08K1	K08K0F0	Z/8
OKF08K1	I	13-096-115		Z/1	P/OKF08K0	K08K1F0	Z/8
OKF216M0	I	04-096-016		Z/1	P/OKF216M1	K016M0F2	Z/21
OKF216M1	I	04-096-116		Z/1	P/OKF216M0	K016M1F2	Z/21
OKF22M0	I	04-096-014		Z/1	P/OKF22M1	CK2M0S2	1/13
OKF22M1	I	04-096-114		Z/1	P/OKF22M0	CK2M1S2	1/13
OKF28K0	I	04-096-015		Z/1	P/OKF28K1	K08K0F2	Z/21
OKF28K1	I	04-096-115		Z/1	P/OKF28K0	K08K1F2	Z/21
GRD19096	GRD	04-096-013				GRD04096	Z/21
	GRD	04-096-018				GRD04096	Z/21
	GRD	04-096-019				GRD04096	Z/21
	GRD	04-096-024				GRD04096	Z/21
	GRD	04-096-113				GRD04096	Z/21
	GRD	04-096-118				GRD04096	Z/21
	GRD	04-096-119				GRD04096	Z/21
	GRD	04-096-124				GRD04096	Z/21
GRD28096	GRD	13-096-013				GRD13096	Z/8
	GRD	13-096-018				GRD13096	Z/8
	GRD	13-096-019				GRD13096	Z/8
	GRD	13-096-024				GRD13096	Z/8
	GRD	13-096-113				GRD13096	Z/8
	GRD	13-096-118				GRD13096	Z/8
	GRD	13-096-119				GRD13096	Z/8
OKF116M0	I	13-096-124		Z/1	P/OKF116M1	GRD13096	Z/8
OKF116M1	I	13-096-116		Z/1	P/OKF116M0	K016M0F0	Z/8

SYMBOL NO. 3

CLOCK  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
ODDTHSU0	015-000	J5D001AB	C	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
GRD19096	GRD	04-096-013				GRD04096	Z/21
	GRD	04-096-018				GRD04096	Z/21
	GRD	04-096-019				GRD04096	Z/21
	GRD	04-096-024				GRD04096	Z/21
	GRD	04-096-113				GRD04096	Z/21
	GRD	04-096-118				GRD04096	Z/21
	GRD	04-096-119				GRD04096	Z/21
	GRD	04-096-124				GRD04096	Z/21
GRD28096	GRD	13-096-013				GRD13096	Z/8
	GRD	13-096-018				GRD13096	Z/8
	GRD	13-096-019				GRD13096	Z/8
	GRD	13-096-024				GRD13096	Z/8
	GRD	13-096-113				GRD13096	Z/8
	GRD	13-096-118				GRD13096	Z/8
	GRD	13-096-119				GRD13096	Z/8
OKF116M0	I	13-096-124		Z/1	P/OKF116M1	GRD13096	Z/8
OKF116M1	I	13-096-116		Z/1	P/OKF116M0	K016M0F0	Z/8

SYMBOL NO. 3 (CONT)

CLOCK  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
ODDTHSU0	015-000	J5D001AB	C	

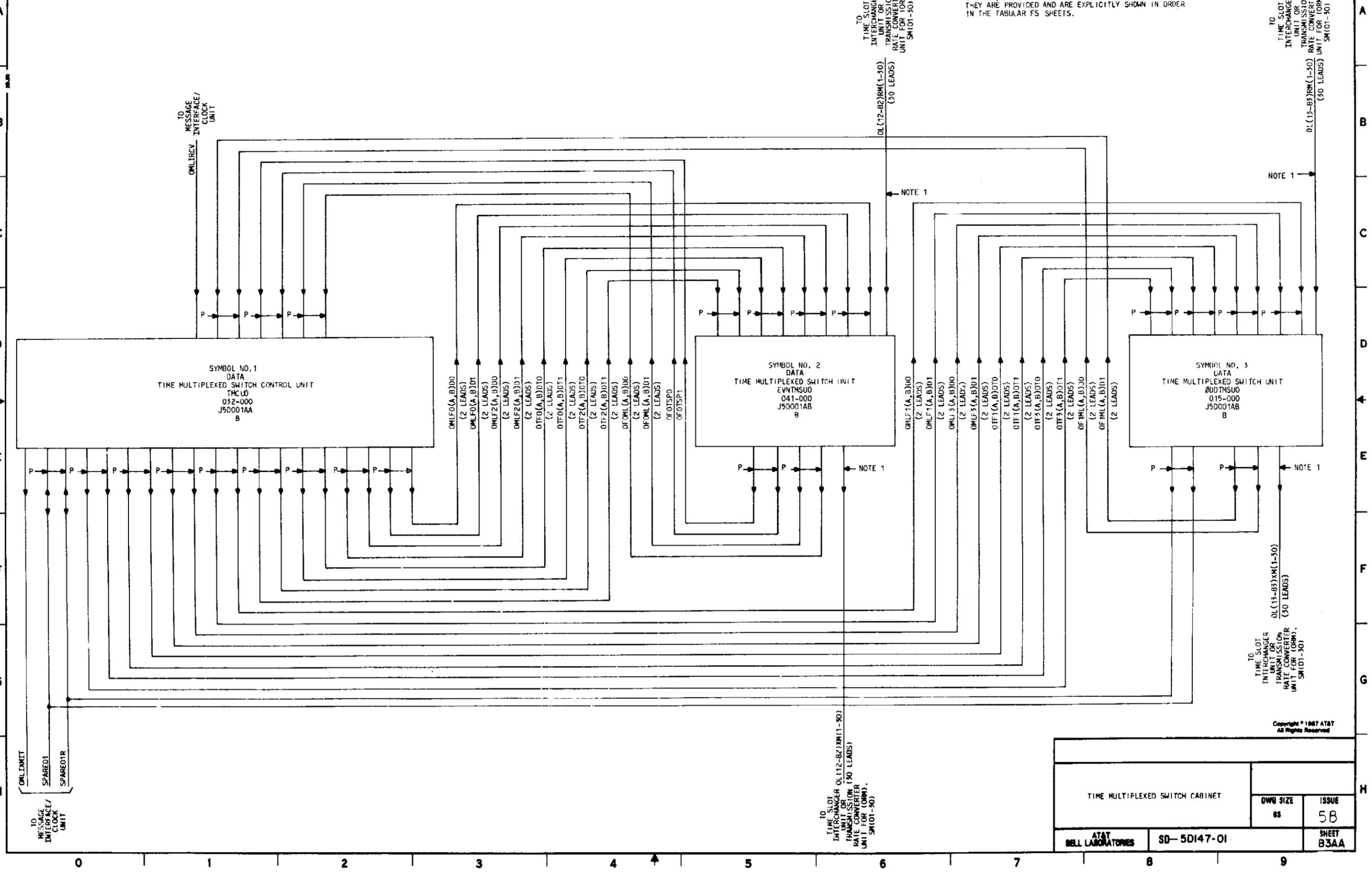
LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OKF12M0	I	13-096-014		Z/1	P/OKF12M1	CK2M0S0	1/1
OKF12M1	I	13-096-114		Z/1	P/OKF12M0	CK2M1S0	1/1
OKF18K0	I	13-096-015		Z/1	P/OKF18K1	K08K0F0	Z/8
OKF18K1	I	13-096-115		Z/1	P/OKF18K0	K08K1F0	Z/8
OKF316M0	I	04-096-016		Z/1	P/OKF316M1	K016M0F2	Z/21
OKF316M1	I	04-096-116		Z/1	P/OKF316M0	K016M1F2	Z/21
OKF32M0	I	04-096-014		Z/1	P/OKF32M1	CK2M0S2	1/13
OKF32M1	I	04-096-114		Z/1	P/OKF32M0	CK2M1S2	1/13
OKF38K0	I	04-096-015		Z/1	P/OKF38K1	K08K0F2	Z/21
OKF38K1	I	04-096-115		Z/1	P/OKF38K0	K08K1F2	Z/21

PART OF FS 2  
SYMBOL(S) 1 2 3

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TIME MULTIPLEXED SWITCH CABINET		ISSUE 5B
AT&T BELL LABORATORIES	SD-5D147-01	B2CA

**PART OF FS 3**  
DATA  
(P/O INTERCONNECTION & FLOW DIAGRAM)

NOTES:  
1. FIBER OPTIC CABLES ARE PROVIDED OPTIONALLY. THE OPTIONS, A THROUGH ZJ, REFLECT THE ORDER IN WHICH THEY ARE PROVIDED AND ARE EXPLICITLY SHOWN IN ORDER IN THE TABULAR FS SHEETS.



TIME MULTIPLEXED SWITCH CABINET		DWG SIZE	ISSUE
		85	5B
AT&T BELL LABORATORIES		SD-5D147-01	SHEET B3AA

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PART OF FS 3  
DATA

SYMBOL NO. 1

DATA  
TIME MULTIPLEXED SWITCH CONTROL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
TMCU0	032-000	J50001AA	B	

LEAD DESIG	FUNC	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
GRD36076	GRD	04-076-213			GRD04076	3/1
		04-076-218			GRD04076	3/1
		04-076-219			GRD04076	3/1
	GRD	04-076-224			GRD04076	3/1
		04-076-232			GRD04076	3/1
		04-076-237			GRD04076	3/1
	GRD	04-076-238			GRD04076	3/1
		04-076-243			GRD04076	3/1
		04-076-313			GRD04076	3/1
	GRD	04-076-318			GRD04076	3/1
		04-076-319			GRD04076	3/1
		04-076-324			GRD04076	3/1
GRD	04-076-332			GRD04076	3/1	
	04-076-337			GRD04076	3/1	
	04-076-338			GRD04076	3/1	
GRD36086	04-076-343			GRD04076	3/1	
	04-086-032			GRD04086	3/2	
	04-086-037			GRD04086	3/2	
GRD	04-086-038			GRD04086	3/2	
	04-086-043			GRD04086	3/2	
	04-086-132			GRD04086	3/2	
GRD	04-086-137			GRD04086	3/2	
	04-086-138			GRD04086	3/2	
	04-086-143			GRD04086	3/2	
GRD	04-086-232			GRD04086	3/2	
	04-086-237			GRD04086	3/2	
	04-086-238			GRD04086	3/2	
GRD	04-086-243			GRD04086	3/2	
	04-086-332			GRD04086	3/2	
	04-086-337			GRD04086	3/2	
SPARE01	04-086-338			GRD04086	3/2	
	04-086-343			GRD04086	3/2	
SPARE01R	04-086-140	3/3	P/SPARE01R	SPARE		
	04-086-040	3/3	P/SPARE01	SPARE		
OF0MLAD0	04-086-342	3/2	P/OF0MLAD1	X00A1NML	3/2	
	04-086-242	3/2	P/OF0MLAD1	X10A1NML	3/2	
OF0MLBD0	04-086-341	3/2	P/OF0MLBD1	X00B1NML	3/2	
	04-086-241	3/2	P/OF0MLBD1	X10B1NML	3/2	
OF0TSP0	04-086-340	3/2	P/OF0TSP1	X0MLTSP0	3/2	
	04-086-240	3/2	P/OF0TSP0	X1MLTSP0	3/2	
OF1MLAD0	04-086-142	3/3	P/OF1MLAD1	X01A1NML	3/2	
	04-086-042	3/3	P/OF1MLAD0	X11A1NML	3/2	
OF1MLBD0	04-086-141	3/3	P/OF1MLBD1	X01B1NML	3/2	
	04-086-041	3/3	P/OF1MLBD0	X11B1NML	3/2	
OHLF0AD0	04-086-336	3/2	P/OHLF0AD1	ML0ADTF0	3/2	
	04-086-236	3/2	P/OHLF0AD0	ML1ADTF0	3/2	
OHLF0BD0	04-086-333	3/2	P/OHLF0BD1	ML0BOTF0	3/2	
	04-086-233	3/2	P/OHLF0BD0	ML1BOTF0	3/2	
OHLF1AD0	04-086-136	3/3	P/OHLF1AD1	ML0ADTF1	3/2	
	04-086-036	3/3	P/OHLF1AD0	ML1ADTF1	3/2	
	04-086-133	3/3	P/OHLF1BD1	ML0BOTF1	3/2	
OHLF1BD0	04-086-033	3/3	P/OHLF1BD0	ML0ADTF2	3/2	
	04-086-335	3/2	P/OHLF2AD1	ML0ADTF2	3/2	
	04-086-235	3/2	P/OHLF2AD0	ML1ADTF2	3/2	
OHLF2BD0	04-086-334	3/2	P/OHLF2BD1	ML0BOTF2	3/2	
	04-086-234	3/2	P/OHLF2BD0	ML1BOTF2	3/2	
	04-086-135	3/3	P/OHLF3AD1	ML0ADTF3	3/2	
OHLF3AD0	04-086-035	3/3	P/OHLF3AD0	ML1ADTF3	3/2	
	04-086-134	3/3	P/OHLF3BD1	ML0BOTF3	3/2	
	04-086-034	3/3	P/OHLF3BD0	ML1BOTF3	3/2	

SYMBOL NO. 1 (CONT)

DATA  
TIME MULTIPLEXED SWITCH CONTROL UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
TMCU0	032-000	J50001AA	B	

LEAD DESIG	FUNC	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OML1RCV	I	03-086A-F0	TO MESSAGE INTERFACE/ CLOCK UNIT		MLRFOA	3/5
OML1XMIT	O	03-086B-F0	TO MESSAGE INTERFACE/ CLOCK UNIT		MLXFOB	3/4
OTF0ADT0	O	04-076-336		P/OTF0ADT1	TB0ADTF0	3/1
OTF0ADT1	O	04-076-236		P/OTF0ADT0	TB1ADTF0	3/1
OTF0BDT0	O	04-076-333		P/OTF0BDT1	TB0BOTF0	3/1
OTF0BDT1	O	04-076-233		P/OTF0BDT0	TB1BOTF0	3/1
OTF1ADT0	O	04-076-317		P/OTF1ADT1	TB0ADTF1	3/1
OTF1ADT1	O	04-076-217		P/OTF1ADT0	TB1ADTF1	3/1
OTF1BDT0	O	04-076-314		P/OTF1BDT1	TB0BOTF1	3/1
OTF1BDT1	O	04-076-214		P/OTF1BDT0	TB1BOTF1	3/1
OTF2ADT0	O	04-076-335		P/OTF2ADT1	TB0ADTF2	3/1
OTF2ADT1	O	04-076-235		P/OTF2ADT0	TB1ADTF2	3/1
OTF2BDT0	O	04-076-334		P/OTF2BDT1	TB0BOTF2	3/1
OTF2BDT1	O	04-076-234		P/OTF2BDT0	TB1BOTF2	3/1
OTF3ADT0	O	04-076-316		P/OTF3ADT1	TB0ADTF3	3/1
OTF3ADT1	O	04-076-216		P/OTF3ADT0	TB1ADTF3	3/1
OTF3BDT0	O	04-076-315		P/OTF3BDT1	TB0BOTF3	3/1
OTF3BDT1	O	04-076-215		P/OTF3BDT0	TB1BOTF3	3/1

SYMBOL NO. 2

DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
EVNTMSU0	041-000	J50001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
GRD45094	GRD	04-094-000			GRD04096	2/21
		04-094-005			GRD04096	2/21
		04-094-006			GRD04096	2/21
GRD45095	GRD	04-094-011			GRD04096	2/21
		04-094-045			GRD04096	2/21
		04-094-050			GRD04096	2/21
GRD45095	GRD	04-094-051			GRD04096	2/21
		04-094-056			GRD04096	2/21
		04-095-000			GRD04096	2/21
GRD45095	GRD	04-095-005			GRD04096	2/21
		04-095-006			GRD04096	2/21
		04-095-011			GRD04096	2/21
GRD45095	GRD	04-095-045			GRD04096	2/21
		04-095-050			GRD04096	2/21
		04-095-051			GRD04096	2/21
GRD53094	GRD	04-095-056			GRD04096	2/21
		13-094-000			GRD13096	2/8
		13-094-005			GRD13096	2/8
GRD53094	GRD	13-094-006			GRD13096	2/8
		13-094-011			GRD13096	2/8
		13-094-045			GRD13096	2/8
GRD53094	GRD	13-094-050			GRD13096	2/8
		13-094-051			GRD13096	2/8
		13-094-056			GRD13096	2/8

SYMBOL NO. 2 (CONT)

DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EOP LOC	CODE	ELEM IDENT	OPT
EVNTMSU0	041-000	J50001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
GRD53095	GRD	13-095-000			GRD13096	2/8
		13-095-005			GRD13096	2/8
		13-095-006			GRD13096	2/8
GRD53095	GRD	13-095-011			GRD13096	2/8
		13-095-045			GRD13096	2/8
		13-095-050			GRD13096	2/8
OF0MLAD0	O	13-094-055	3/1	P/OF0MLAD1	X0AML0T0	2/8
		13-095-055	3/1	P/OF0MLAD0	X1AML0T0	2/8
		13-094-054	3/1	P/OF0MLBD1	X0BML0T0	2/8
OF0MLBD0	O	13-095-054	3/1	P/OF0MLBD0	X1BML0T0	2/8
		13-094-053	3/1	P/OF0TSP1	X0MLTSP0	2/8
		13-095-053	3/1	P/OF0TSP0	X1MLTSP0	2/8
OL12RM15	I	05-072B-F0	(J)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH), SM15	12RFOA	2/55
		03-072A-F0	(G)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH), SM15	12RFOB	2/57
OL12XM15	O	05-072A-F0	(J)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH), SM16	12XFOA	2/54
OL12XM16	O	03-072B-F0	(G)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH), SM15	12XFOB	2/56
OL20RM1	I	14-062B-F0		TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORH), SM16	20RFOA	2/27
OL20RM2	I	12-062A-F0		TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER	20RFOB	2/29

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TIME MULTIPLEXED SWITCH CABINET		ISSUE 5B
AT&T BELL LABORATORIES	SD-5D147-01	B3CA

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DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
EVNTMSU0	041-000	J5D001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0L20XM1	0	14-062A-FO		UNIT FOR (ORM), SM02 TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM01		20XFOA	2/26
0L20XM2	0	12-062B-FO		TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM02		20XFOB	2/28
0L22RM17	I	05-062B-FO	(F)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM17		22RFOA	2/59
0L22RM18	I	03-062A-FO	(E)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM18		22RFOB	2/61
0L22XM17	0	05-062A-FO	(F)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM17		22XFOA	2/58
0L22XM18	0	03-062B-FO	(E)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM18		22XFOB	2/60
0L30RM3	I	14-052B-FO	(Z)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM03		30RFOA	2/31
0L30RM4	I	12-052A-FO	(Y)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM04		30RFOB	2/33
0L30XM3	0	14-052A-FO	(Z)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM03		30XFOA	2/30
0L30XM4	0	12-052B-FO	(Y)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION		30XFOB	2/32

SYMBOL NO. 2 (CONT)

DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
EVNTMSU0	041-000	J5D001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0L32RM19	I	05-052B-FO	(B)	RATE CONVERTER UNIT FOR (ORM), SM04 TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM19		32RFOA	2/63
0L32RM20	I	03-052A-FO	(A)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM20		32RFOB	2/65
0L32XM19	0	05-052A-FO	(B)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM19		32XFOA	2/62
0L32XM20	0	03-052B-FO	(A)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM20		32XFOB	2/64
0L40RM5	I	14-042B-FO	(X)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM05		40RFOA	2/35
0L40RM6	I	12-042A-FO	(W)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM06		40RFOB	2/37
0L40XM5	0	14-042A-FO	(X)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM05		40XFOA	2/34
0L40XM6	0	12-042B-FO	(W)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM06		40XFOB	2/36
0L42RM21	I	05-042B-FO	(ZA)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM21		42RFOA	2/67

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TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
EVNTMSU0	041-000	J5D001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0L42RM22	I	03-042A-FO	(ZB)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM22		42RFOB	2/69
0L42XM21	0	05-042A-FO	(ZA)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM21		42XFOA	2/66
0L42XM22	0	03-042B-FO	(ZB)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM22		42XFOB	2/68
0L50RM7	I	14-126B-FO	(V)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM07		50RFOA	2/39
0L50RM8	I	12-126A-FO	(T)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM08		50RFOB	2/41
0L50XM7	0	14-126A-FO	(V)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM07		50XFOA	2/38
0L50XM8	0	12-126B-FO	(T)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM08		50XFOB	2/40
0L52RM23	I	05-126B-FO	(ZC)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM23		52RFOA	2/71

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TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
EVNTMSU0	041-000	J50001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0L52RM24	I	03-126A-FD	(ZD)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM24		52RFOB	2/73
0L52XM23	0	05-126A-FD	(ZC)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM23		52XFOA	2/70
0L52XM24	0	03-126B-FD	(ZD)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM24		52XFOB	2/72
0L60RM10	I	12-136A-FD	(R)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM10		60RFOB	2/45
0L70RM9	I	14-136B-FD	(S)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM09		60RFOA	2/43
0L60XM10	0	12-136B-FD	(R)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM10		60XFOB	2/44
0L60XM9	0	14-136A-FD	(S)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM09		60XFOA	2/42
0L62RM25	I	05-136B-FD	(ZE)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM25		62RFOA	2/75
0L62RM26	I	03-136A-FD	(ZF)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM26		62RFOB	2/77
0L62XM25	0	05-136A-FD	(ZE)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM25		62XFOA	2/74

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DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
EVNTMSU0	041-000	J50001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0L62XM26	0	03-136B-FD	(ZF)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM26		62XFOB	2/76
0L70RH11	I	14-146B-FD	(Q)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM11		70RFOA	2/47
0L70RM12	I	12-146A-FD	(N)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM12		70RFOB	2/49
0L70XM11	0	14-146A-FD	(Q)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM11		70XFOA	2/46
0L70XM12	0	12-146B-FD	(N)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM12		70XFOB	2/48
0L72RM27	I	05-146B-FD	(ZG)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM27		72RFOA	2/79
0L72RM28	I	03-146A-FD	(ZH)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM28		72RFOB	2/81
0L72XM27	0	05-146A-FD	(ZG)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM27		72XFOA	2/78
0L72XM28	0	03-146B-FD	(ZH)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM28		72XFOB	2/80
0L80RM13	I	14-156B-FD	(M)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM13		80RFOA	2/51

SYMBOL NO. 2 (CONT)

DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
EVNTMSU0	041-000	J50001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0L80RM14	I	12-156A-FD	(K)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM14		80RFOB	2/53
0L80XM13	0	14-156A-FD	(M)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM13		80XFOA	2/50
0L80XM14	0	12-156B-FD	(K)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM14		80XFOB	2/52
0L82RM29	I	05-156B-FD	(ZJ)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM29		82RFOA	2/83
0L82RM30	I	03-156A-FD	(ZJ)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM30		82RFOB	2/85
0L82XM29	0	05-156A-FD	(ZJ)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM29		82XFOA	2/82
0L82XM30	0	03-156B-FD	(ZJ)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM30		82XFOB	2/84
0MLF0A00	I	13-094-049	3/1		P/0MLF0A01	MLOAINFO	2/8
0MLF0A01	I	13-095-049	3/1		P/0MLF0A00	ML1AINFO	2/8
0MLF0B00	I	13-094-046	3/1		P/0MLF0B01	MLOBINFO	2/8
0MLF0B01	I	13-095-046	3/1		P/0MLF0B00	ML1BINFO	2/8

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TIME MULTIPLEXED SWITCH CABINET		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 5B
SD-5D147-01		B3CC

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DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
EVNTHSU0	041-000	J50001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OMLFZAD0	I	04-094-048		3/1	P/OMLFZAD1	ML0A1NFZ	2/21
OMLFZAD1	I	04-095-048		3/1	P/OMLFZAD0	ML1A1NFZ	2/21
OMLFZBD0	I	04-094-047		3/1	P/OMLFZBD1	ML0B1NFZ	2/21
OMLFZBD1	I	04-095-047		3/1	P/OMLFZBD0	ML1B1NFZ	2/21
OTFOADT0	I	13-094-004		3/1	P/OTFOADT1	TB0A1NF0	2/8
OTFOADT1	I	13-095-004		3/1	P/OTFOADT0	TB1A1NF0	2/8
OTFOBDT0	I	13-094-001		3/1	P/OTFOBDT1	TB0B1NF0	2/8
OTFOBDT1	I	13-095-001		3/1	P/OTFOBDT0	TB1B1NF0	2/8
OTFZADT0	I	04-094-003		3/1	P/OTFZADT1	TB0A1NFZ	2/21
OTFZADT1	I	04-095-003		3/1	P/OTFZADT0	TB1A1NFZ	2/21
OTFZBDT0	I	04-094-002		3/1	P/OTFZBDT1	TB0B1NFZ	2/21
OTFZBDT1	I	04-095-002		3/1	P/OTFZBDT0	TB1B1NFZ	2/21

SYMBOL NO. 3

DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
ODDTHSU0	015-000	J50001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
GR.19094	GRD	04-094-000				GRD04096	2/21
	GRD	04-094-005				GRD04096	2/21
	GRD	04-094-006				GRD04096	2/21
	GRD	04-094-011				GRD04096	2/21
	GRD	04-094-045				GRD04096	2/21
	GRD	04-094-050				GRD04096	2/21
GRD19095	GRD	04-094-051				GRD04096	2/21
	GRD	04-094-056				GRD04096	2/21
	GRD	04-095-000				GRD04096	2/21
	GRD	04-095-005				GRD04096	2/21
	GRD	04-095-006				GRD04096	2/21
	GRD	04-095-011				GRD04096	2/21
	GRD	04-095-045				GRD04096	2/21
	GRD	04-095-050				GRD04096	2/21
	GRD	04-095-051				GRD04096	2/21
GRD28094	GRD	04-095-056				GRD04096	2/21
	GRD	13-094-000				GRD13096	2/8
	GRD	13-094-005				GRD13096	2/8
	GRD	13-094-006				GRD13096	2/8
	GRD	13-094-011				GRD13096	2/8
	GRD	13-094-045				GRD13096	2/8
	GRD	13-094-050				GRD13096	2/8
	GRD	13-094-051				GRD13096	2/8
	GRD	13-094-056				GRD13096	2/8
GRD28095	GRD	13-095-000				GRD13096	2/8
	GRD	13-095-005				GRD13096	2/8
	GRD	13-095-006				GRD13096	2/8
	GRD	13-095-011				GRD13096	2/8
	GRD	13-095-045				GRD13096	2/8
	GRD	13-095-050				GRD13096	2/8
SPARE01	O	13-094-053	3/1		P/SPARE01R	GRD13096	2/8
						GRD13096	2/8
						XOMLTSP0	2/8

SYMBOL NO. 3 (CONT)

DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
ODDTHSU0	015-000	J50001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
SPARE01R	O	13-095-053		3/1	P/SPARE01	X1MLTSP0	2/8
OF1MLAD0	O	13-094-055		3/1	P/OF1MLAD1	X0AML0T0	2/8
OF1MLAD1	O	13-095-055		3/1	P/OF1MLAD0	X1AML0T0	2/8
OF1MLBD0	O	13-094-054		3/1	P/OF1MLBD1	X0BML0T0	2/8
OF1MLBD1	O	13-095-054		3/1	P/OF1MLBD0	X1BML0T0	2/8
OL13RM15	I	05-072B-F0	(J)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM15		12RFOA	2/55
OL13RM16	I	03-072A-F0	(G)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM15		12RFOB	2/57
OL13XM15	O	05-072A-F0	(J)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM15		12XFOA	2/54
OL13XM16	O	03-072B-F0	(G)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM15		12XFOB	2/56
OL21RM1	I	14-062B-F0		TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM16		20RFOA	2/27
OL21RM2	I	12-062A-F0		TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM01		20RFOB	2/29
OL21XM1	O	14-062A-F0		TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM02		20XFOA	2/26
OL21XM2	O	12-062B-F0		TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM01		20XFOB	2/28
OL23RM17	I	05-062B-F0	(F)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM02		22RFOA	2/59
OL23RM18	I	03-062A-F0	(E)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM17		22RFOB	2/61

SYMBOL NO. 3 (CONT)

DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
ODDTHSU0	015-000	J50001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
OL23XM17	O	05-062A-F0	(F)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM18		22XFOA	2/58
OL23XM18	O	03-062B-F0	(E)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM17		22XFOB	2/60
OL31RM3	I	14-052B-F0	(Z)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM18		30RFOA	2/31
OL31RM4	I	12-052A-F0	(Y)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM03		30RFOB	2/33
OL31XM3	O	14-052A-F0	(Z)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM04		30XFOA	2/30
OL31XM4	O	12-052B-F0	(Y)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM03		30XFOB	2/32
OL33RM19	I	05-052B-F0	(B)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM19		32RFOA	2/63

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SYMBOL(S) 2 3

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TIME MULTIPLEXED SWITCH CABINET		DWG SIZE C
		ISSUE 5B
AT&T BELL LABORATORIES	SD-5D147-01	B3CD

PART OF FS 3  
DATA

SYMBOL NO. 3 (CONT)  
DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG EOPT CODE ELEM OPT  
LOC LOC IDENT IDENT  
000TMSU0 015-000 J5D001AB B (NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0L33RM20	I	03-052A-FO	(A)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM20		32RFOB	2/65
0L33XM19	0	05-052A-FO	(B)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM19		32XFOA	2/62
0L33XM20	0	03-052B-FO	(A)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM20		32XFOB	2/64
0L41RM5	I	14-042B-FO	(X)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM20		40RFOA	2/35
0L41RM6	I	12-042A-FO	(W)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM05		40RFOB	2/37
0L41XM5	0	14-042A-FO	(X)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM06		40XFOA	2/34
0L41XM6	0	12-042B-FO	(W)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM05		40XFOB	2/36
0L43RM21	I	05-042B-FO	(ZA)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM06		42RFOA	2/67
0L43RM22	I	03-042A-FO	(ZB)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM21		42RFOB	2/69
0L43XM21	0	05-042A-FO	(ZA)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM22		42XFOA	2/66

SYMBOL NO. 3 (CONT)  
DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG EOPT CODE ELEM OPT  
LOC LOC IDENT IDENT  
000TMSU0 015-000 J5D001AB B (NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0L43XM22	0	03-042B-FO	(ZB)	SM21 TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM22		42XFOB	2/68
0L51RM7	I	14-126B-FO	(V)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM07		50RFOA	2/39
0L51RM8	I	12-126A-FO	(T)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM07		50RFOB	2/41
0L51XM7	0	14-126A-FO	(V)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM08		50XFOA	2/38
0L51XM8	0	12-126B-FO	(T)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM08		50XFOB	2/40
0L53RM23	I	05-126B-FO	(ZC)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM08		52RFOA	2/71
0L53RM24	I	03-126A-FO	(ZD)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM23		52RFOB	2/73
0L53XM23	0	05-126A-FO	(ZC)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM24		52XFOA	2/70
0L53XM24	0	03-126B-FO	(ZD)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM23		52XFOB	2/72
0L61RM10	I	12-136A-FO	(R)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM24		60RFOB	2/45

SYMBOL NO. 3 (CONT)  
DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG EOPT CODE ELEM OPT  
LOC LOC IDENT IDENT  
000TMSU0 015-000 J5D001AB B (NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0L61RM9	I	14-136B-FO	(S)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM10		60RFOA	2/43
0L61XM10	0	12-136B-FO	(R)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM09		60XFOB	2/44
0L61XM9	0	14-136A-FO	(S)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM10		60XFOA	2/42
0L63RM25	I	05-136B-FO	(ZE)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM25		62RFOA	2/75
0L63RM26	I	03-136A-FO	(ZF)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM25		62RFOB	2/77
0L63XM25	0	05-136A-FO	(ZE)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM26		62XFOA	2/74
0L63XM26	0	03-136B-FO	(ZF)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM26		62XFOB	2/76
0L71RM11	I	14-146B-FO	(Q)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION		70RFOA	2/47

PART OF FS 3  
SYMBOL(S) 3

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TIME MULTIPLEXED SWITCH CABINET		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 5B
SD-5D147-01		B3CE

PART OF FS 3  
DATA

SYMBOL NO. 3 (CONT)

DATA  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0007MSU0	015-000	J5D001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0L71RM12	I	12-146A-F0	(N)	RATE CONVERTER UNIT FOR (ORM), SM11 TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM12		70RFOB	2/49
0L71XM11	0	14-146A-F0	(D)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM11		70XFOA	2/46
0L71XM12	0	12-146B-F0	(N)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM12		70XFOB	2/48
0L73RM27	I	05-146B-F0	(ZG)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM27		72RFOA	2/79
0L73RM28	I	03-146A-F0	(ZH)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM28		72RFOB	2/81
0L73XM27	0	05-146A-F0	(ZG)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM27		72XFOA	2/78
0L73XM28	0	03-146B-F0	(ZH)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM28		72XFOB	2/80
0L81RM13	I	14-156B-F0	(H)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM13		80RFOA	2/51
0L81RM14	I	12-156A-F0	(K)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM14		80RFOB	2/53
0L81XM13	0	14-156A-F0	(H)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM13		80XFOA	2/50

SYMBOL NO. 3 (CONT)

DATA  
TIME MULTIPLEXED SWITCH UNIT

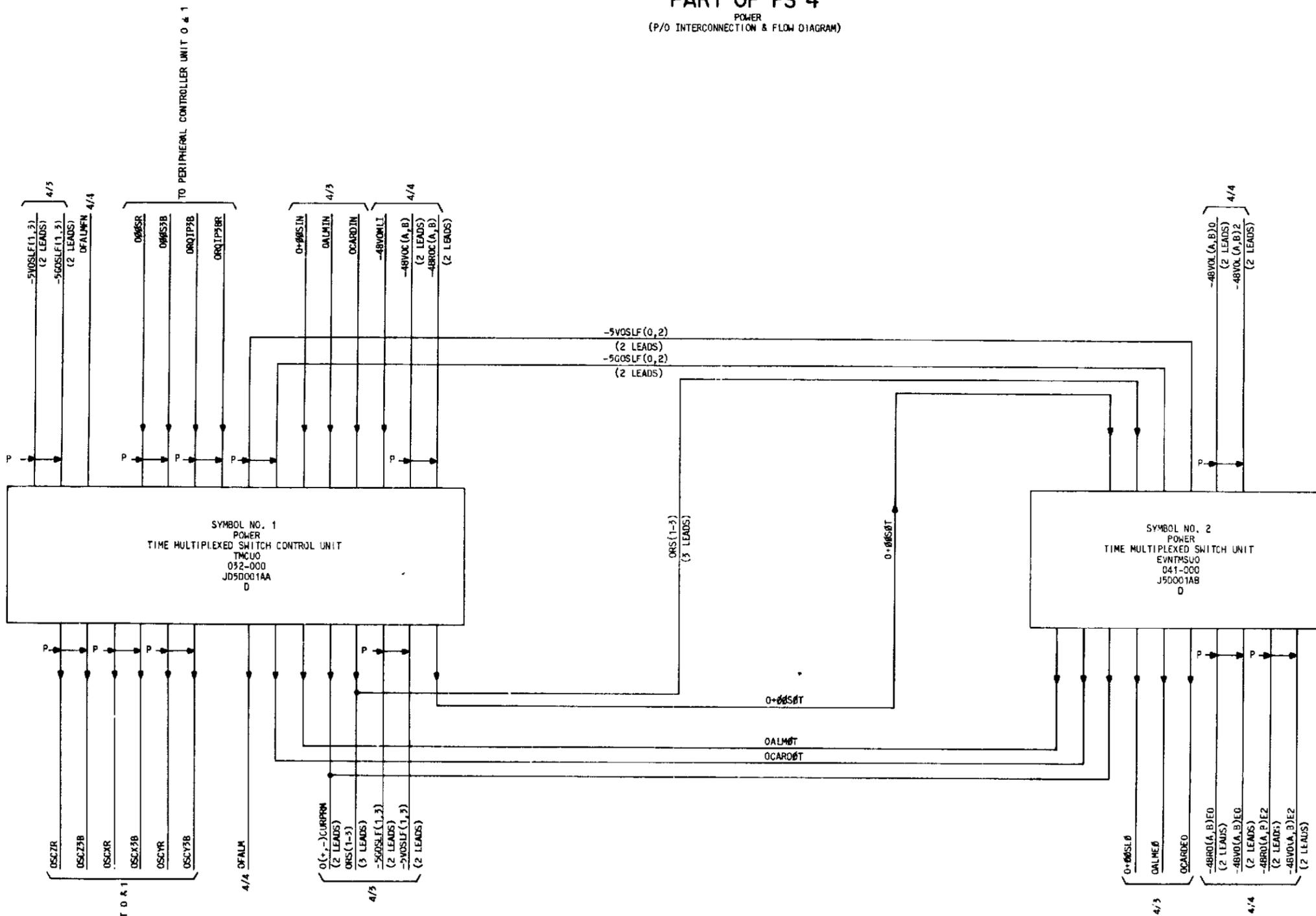
DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
0007MSU0	015-000	J5D001AB	B	(NOTE 317)

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0L81XM14	0	12-156B-F0	(K)	TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM13 TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM14		80XFOB	2/52
0L83RM29	I	05-156B-F0	(Z1)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM29		82RFOA	2/83
0L83RM30	I	03-156A-F0	(ZJ)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM30		82RFOB	2/85
0L83XM29	0	05-156A-F0	(Z1)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM29		82XFOA	2/82
0L83XM30	0	03-156B-F0	(ZJ)	TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM30		82XFOB	2/84
0MLF1AD0	I	13-094-049		3/1	P/0MLF1AD1	MLOAINF0	2/8
0MLF1AD1	I	13-095-049		3/1	P/0MLF1AD0	ML1AINF0	2/8
0MLF1BD0	I	13-094-046		3/1	P/0MLF1BD1	MLOBINF0	2/8
0MLF1BD1	I	13-095-046		3/1	P/0MLF1BD0	ML1BINF0	2/8
0MLF3AD0	I	04-094-048		3/1	P/0MLF3AD1	MLOAINF2	2/21
0MLF3AD1	I	04-095-048		3/1	P/0MLF3AD0	ML1AINF2	2/21
0MLF3BD0	I	04-094-047		3/1	P/0MLF3BD1	MLOBINF2	2/21
0MLF3BD1	I	04-095-047		3/1	P/0MLF3BD0	ML1BINF2	2/21
0TF1ADT0	I	13-094-004		3/1	P/0TF1ADT1	TBOAINF0	2/8
0TF1ADT1	I	13-095-004		3/1	P/0TF1ADT0	TB1AINF0	2/8
0TF1BDT0	I	13-094-001		3/1	P/0TF1BDT1	TBOBINF0	2/8
0TF1BDT1	I	13-095-001		3/1	P/0TF1BDT0	TB1BINF0	2/8
0TF3ADT0	I	04-094-003		3/1	P/0TF3ADT1	TBOAINF2	2/21
0TF3ADT1	I	04-095-003		3/1	P/0TF3ADT0	TB1AINF2	2/21
0TF3BDT0	I	04-094-002		3/1	P/0TF3BDT1	TBOBINF2	2/21
0TF3BDT1	I	04-095-002		3/1	P/0TF3BDT0	TB1BINF2	2/21

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SYMBOL(S) 3

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TIME MULTIPLEXED SWITCH CABINET		ENG SIZE C2
		ISSUE 5B
AT&T BELL LABORATORIES	SD-5D147-01	B3CF

PART OF FS 4  
POWER  
(P/O INTERCONNECTION & FLOW DIAGRAM)



TO PERIPHERAL CONTROLLER UNIT 0 & 1

TO PERIPHERAL CONTROLLER UNIT 0 & 1

SYMBOL NO. 1  
POWER  
TIME MULTIPLIED SWITCH CONTROL UNIT  
TMCU0  
092-000  
J5500G1AA  
D

SYMBOL NO. 2  
POWER  
TIME MULTIPLIED SWITCH CONTROL UNIT  
EVNTHSU0  
041-000  
J50001AB  
D

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TIME MULTIPLIED SWITCH CABINET		DWG SIZE	ISSUE
		68	58
AT&T BELL LABORATORIES	SD-50147-01	SHEET B4AA	



PART OF FS 4  
POWER

SYMBOL NO. 1

POWER  
TIME MULTIPLEXED SWITCH CONTROL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TMCU0	032-000	J5D001AA	D	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
-48R0CA	GRD	02-019-003		4/4	P/-48V0CA	-48ARTN	4/2
-48R0CB	GRD	02-169-003		4/4	P/-48V0CB	-48BRTN	4/3
-48V0CA	PWR	02-023-003		4/4	P/-48R0CA	-48CA	4/2
-48V0CB	PWR	02-173-003		4/4	P/-48R0CB	-48CB	4/3
-48V0HL1	I	02-023-008		4/4	-48HL1A	4/2	
-5G0SLF0	GRD	06-169-039		4/2	P/-5V0SLF0	GRD04178	4/3
-5G0SLF1	GRD	02-169-023		4/3	P/-5V0SLF1	GRD04178	4/3
-5G0SLF2	GRD	06-169-033		4/2	P/-5V0SLF2	GRD04178	4/3
-5G0SLF3	GRD	02-169-017		4/3	P/-5V0SLF3	GRD04178	4/3
-5V0SLF0	PWR	06-173-039		4/2	P/-5G0SLF0	-5	4/3
-5V0SLF1	PWR	02-173-023		4/3	P/-5G0SLF1	-5	4/3
-5V0SLF2	PWR	06-173-033		4/2	P/-5G0SLF2	-5	4/3
-5V0SLF3	PWR	02-173-017		4/3	P/-5G0SLF3	-5	4/3
0-CURPRM	OT	04-015-006		4/2, 4/3	+CURPRM	1/2	
0-OOSIN	I	04-015-001		4/3	+OOSIN	4/1	
0-OOSOT	O	04-014-001		4/2	+OOSOT	4/3	
0-CURPRM	OT	04-014-006		4/2, 4/3	-CURPRM	1/2	
0ALMIN	I	04-015-002		4/3	ALMIN	4/1	
0ALMOT	OT	04-014-002		4/2	ALMOT	4/2	
0CARDIN	I	04-015-003		4/3	CARDIN	4/1	
0CARDOT	OT	04-014-003		4/2	CARDOT	4/3	
0FALM	OT	04-008-145		4/4	ALMOT	4/2	
0FALMFM	I	04-008-045		4/4	FALMOT	4/1	
0OOSR	I	04-008-038			TO PERIPHERAL CONTROLLER UNIT 0	OOSR	4/1
	I	04-008-051			TO PERIPHERAL CONTROLLER UNIT 1	OOSR	4/1
0OOS3B	I	04-008-138			TO PERIPHERAL CONTROLLER UNIT 0	OOS3B	4/1
	I	04-008-151			TO PERIPHERAL CONTROLLER UNIT 1	OOS3B	4/1
0R01P3B	I	04-006-139			TO PERIPHERAL CONTROLLER UNIT 0	R01P3B	4/1
	I	04-008-152			TO PERIPHERAL CONTROLLER UNIT 1	R01P3B	4/1
0R01P3BR	I	04-008-039			TO PERIPHERAL CONTROLLER UNIT 0	R01P3BR	4/1
	I	04-008-052			TO PERIPHERAL CONTROLLER UNIT 1	R01P3BR	4/1
0RS1	O	04-015-005		4/2, 4/3		RS1	4/1
0RS2	O	04-014-005		4/2, 4/3		RS2	4/1
0RS3	O	04-015-004		4/2, 4/3		RS3	4/1
0SCXR	OT	04-008-041			TO PERIPHERAL CONTROLLER UNIT 0	SCXR	4/1
	OT	04-008-054			TO PERIPHERAL CONTROLLER UNIT 1	SCXR	4/1
0SCX3B	OT	04-008-141			TO PERIPHERAL CONTROLLER UNIT 0	SCX3B	4/1
	OT	04-008-154			TO PERIPHERAL CONTROLLER UNIT 1	SCX3B	4/1
0SCYR	OT	04-008-040			TO PERIPHERAL CONTROLLER UNIT 0	SCYR	4/1

SYMBOL NO. 1 (CONT)

POWER  
TIME MULTIPLEXED SWITCH CONTROL UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
TMCU0	032-000	J5D001AA	D	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	OT	04-008-053			TO PERIPHERAL CONTROLLER UNIT 1	SCYR	4/1
0SCY3B	OT	04-008-140			TO PERIPHERAL CONTROLLER UNIT 0	SCY3B	4/1
	OT	04-008-153			TO PERIPHERAL CONTROLLER UNIT 1	SCY3B	4/1
0SCZR	OT	04-008-042			TO PERIPHERAL CONTROLLER UNIT 0	SCZR	4/1
	OT	04-008-055			TO PERIPHERAL CONTROLLER UNIT 1	SCZR	4/1
0SCZ3B	OT	04-008-142			TO PERIPHERAL CONTROLLER UNIT 0	SCZ3B	4/1
	OT	04-008-155			TO PERIPHERAL CONTROLLER UNIT 1	SCZ3B	4/1

SYMBOL NO. 2

POWER  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
EVNTHSU0	041-000	J5D001AB	D	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	PWR	02-105-008				-5CB	2/24
	PWR	15-105-048				-5CA	2/11
	GRD	02-105-003				GRD04108	2/24
-48R0A01	GRD	15-105-053		4/4		GRD13108	2/11
	GRD	15-105-053				GRD13108	2/11
	GRD	11-007-003				-48RTNA0	3/1
-48R0A03	GRD	02-007-003		4/4		-48RTNA2	3/3
-48R0B01	GRD	11-169-003		4/4		-48RTNB0	3/2
-48R0B03	GRD	02-169-003		4/4		-48RTNB2	3/4
-48V0A01	PWR	11-011-003		4/4		-48A0	3/1
-48V0A03	PWR	02-011-003		4/4		-48A2	3/3
-48V0B01	PWR	11-173-003		4/4		-48B0	3/2
-48V0B03	PWR	02-173-003		4/4		-48B2	3/4
-48V0LA1	PWR	11-011-008		4/4		-48LIA0	2/3
-48V0LA3	PWR	02-011-008		4/4		-48LIA2	2/16
-48V0LB1	PWR	11-173-008		4/4		-48L1B0	2/7
-48V0LB3	PWR	02-173-008		4/4		-48L1B2	2/20
-5G0SLF1	GRD	11-105-003		4/1		GRD13108	2/11
-5G0SLF3	GRD	06-105-053		4/1		GRD04108	2/24
-5V0SLF1	PWR	11-105-008		4/1		-5CA	2/11
-5V0SLF3	PWR	06-105-048		4/1		-5CB	2/24
0-CURPRM	OT	13-020-006		4/1		+CURPRM	1/1
0-OOSEO	I	13-020-001		4/2		+OOSCA1	3/1
0-OOSIN	O	13-021-001		4/1		+OOSCA2	3/3
0-CURPRM	OT	13-021-006		4/1		-CURPRM	1/1
0ALMEO	OT	13-020-002		4/2		ALMI	3/1
0ALMIN	O	13-021-002		4/1		ALMI	3/1
0CARDEO	OT	13-020-003		4/2		CARD	3/1
0CARDIN	O	13-021-003		4/1		CARD	3/1
0RS1	I	13-020-005		4/1		RS1	3/1
0RS2	I	13-021-005		4/1		RS2	3/1

SYMBOL NO. 2 (CONT)

POWER  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
EVNTHSU0	041-000	J5D001AB	D	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
0CARDEO	OT	13-021-003		4/3		CARD	3/1
0CARDOT	OT	13-020-003		4/1		CARD	3/1
0RS1	I	13-020-005		4/1		RS1	3/1
0RS2	I	13-021-005		4/1		RS2	3/1
0RS3	I	13-020-004		4/1		RS3	3/1

SYMBOL NO. 3

POWER  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
000THSU0	015-000	J5D001AB	D	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	PWR	02-105-008				-5CB	2/24
	PWR	15-105-048				-5CA	2/11
	GRD	02-105-003				GRD04108	2/24
-48R0A01	GRD	15-105-053		4/4		GRD13108	2/11
	GRD	15-105-053				GRD13108	2/11
	GRD	11-007-003				-48RTNA0	3/1
-48R0A03	GRD	02-007-003		4/4		-48RTNA2	3/3
-48R0B01	GRD	11-169-003		4/4		-48RTNB0	3/2
-48R0B03	GRD	02-169-003		4/4		-48RTNB2	3/4
-48V0A01	PWR	11-011-003		4/4		-48A0	3/1
-48V0A03	PWR	02-011-003		4/4		-48A2	3/3
-48V0B01	PWR	11-173-003		4/4		-48B0	3/2
-48V0B03	PWR	02-173-003		4/4		-48B2	3/4
-48V0LA1	PWR	11-011-008		4/4		-48LIA0	2/3
-48V0LA3	PWR	02-011-008		4/4		-48LIA2	2/16
-48V0LB1	PWR	11-173-008		4/4		-48L1B0	2/7
-48V0LB3	PWR	02-173-008		4/4		-48L1B2	2/20
-5G0SLF1	GRD	11-105-003		4/1		GRD13108	2/11
-5G0SLF3	GRD	06-105-053		4/1		GRD04108	2/24
-5V0SLF1	PWR	11-105-008		4/1		-5CA	2/11
-5V0SLF3	PWR	06-105-048		4/1		-5CB	2/24
0-CURPRM	OT	13-020-006		4/1		+CURPRM	1/1
0-OOSEO	I	13-020-001		4/2		+OOSCA1	3/1
0-OOSIN	O	13-021-001		4/1		+OOSCA2	3/3
0-CURPRM	OT	13-021-006		4/1		-CURPRM	1/1
0ALMEO	OT	13-020-002		4/2		ALMI	3/1
0ALMIN	O	13-021-002		4/1		ALMI	3/1
0CARDEO	OT	13-020-003		4/2		CARD	3/1
0CARDIN	O	13-021-003		4/1		CARD	3/1
0RS1	I	13-020-005		4/1		RS1	3/1
0RS2	I	13-021-005		4/1		RS2	3/1

PART OF FS 4  
SYMBOL(S) 1 2 3

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TIME MULTIPLEXED SWITCH CABINET		DWG SIZE C2
		ISSUE 58
AT&T BELL LABORATORIES	SD-50147-01	B4CA

PART OF FS 4  
POWER

SYMBOL NO. 3 (CONT)

POWER  
TIME MULTIPLEXED SWITCH UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
ODTHSU0	015-000	J5D001AB	D	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
ORS3	I	13-020-004		4/1		RS3	3/1

SYMBOL NO. 4

POWER  
FUSE/FILTER PANEL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FP	067-000	J5D003AU	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	PWR	02-020-45				30425B	
	PWR	02-020-51				10423B	
	PWR	02-072-11				10421B	
	PWR	02-072-15				30424B	
	PWR	02-072-25				30423B	
	PWR	02-072-35				30422B	
	PWR	02-072-42				10662T	
	PWR	02-072-45				30421B	
	O	01-043-003				ALM421	
	O	01-043-004				ALM066	
	O	01-043-501				S(SP)	
	O	01-043-502				R(SP)	
	O	01-043-503				T(SP)	
	O	01-043-701				S(SP)	
	O	01-043-702				R(SP)	
	O	01-043-703				T(SP)	
	I	01-043-101				TST018	
	I	01-043-102				TST420	
	I	01-043-103				TST421	
	I	01-043-104				TST066	
	I	01-043-301				TST018	
	I	01-043-302				TST420	
	I	01-043-303				TST421	
	I	01-043-304				TST066	
	I	01-043-401				T-TTYA	
	I	01-043-402				T1-TTYA	
	I	01-043-403				S-TTYA	
	:	01-043-404				R-TTYA	
	:	01-043-405				R1-TTYA	
	:	01-043-406				S1-TTYA	
	I	01-043-407				T-TTYB	
	I	01-043-408				T1-TTYB	
	I	01-043-409				S-TTYB	
	I	01-043-410				R-TTYB	
	I	01-043-411				R1-TTYB	
	I	01-043-412				S1-TTYB	
	I	01-043-504				R	
	I	01-043-505				R1	
	I	01-043-506				T1	
	I	01-043-507				T	
	I	01-043-601				T-TTYA	
	I	01-043-602				T1-TTYA	
	I	01-043-603				S-TTYA	
	I	01-043-604				R-TTYA	
	I	01-043-605				RA-TTYA	

SYMBOL NO. 4 (CONT)

POWER  
FUSE/FILTER PANEL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FP	067-000	J5D003AU	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
	I	01-043-606				S1-TTYA	
	I	01-043-607				T-TTY	
	I	01-043-608				T1-TTY	
	I	01-043-609				S-TTYB	
	I	01-043-610				R-TTYB	
	I	01-043-611				R1-TTYB	
	I	01-043-612				S1-TTYB	
	I	01-043-704				R	
	I	01-043-705				R1	
	I	01-043-706				T1	
	I	01-043-707				T	
	GRD	01-052-RTN				RTN	
	GRD	02-020-02				10184TR	
	GRD	02-020-12				10183TR	
	GRD	02-020-22				10182TR	
	GRD	02-020-32				10181TR	
	GRD	02-020-34				30426BR	
	GRD	02-020-44				30425BR	
	GRD	02-020-50				10423BR	
	GRD	02-072-10				10421BR	
	GRD	02-072-14				30424BR	
	GRD	02-072-22				10664TR	
	GRD	02-072-24				30423BR	
	GRD	02-072-32				10663TR	
	GRD	02-072-34				30422BR	
	GRD	02-072-44				30421BR	
	GRD	02-072-52				10661TR	
-48A00	PHR	03-041--48		TO POWER DISTRIBUTION A		-48B00	
-48A11	PHR	03-050--48		TO POWER DISTRIBUTION A		-48B10	
-48ROAEO	GRD	02-020-90		4/2		10184BR	
-48ROAE2	GRD	02-020-20		4/2		10182BR	
-48ROAD1	GRD	02-072-20		4/3		10664BR	
-48ROAD3	GRD	02-072-40		4/3		10662BR	
-48ROBE0	GRD	02-020-10		4/2		10183BR	
-48ROBE2	GRD	02-020-30		4/2		10181BR	
-48ROBO1	GRD	02-072-30		4/3		10663BR	
-48ROBO3	GRD	02-072-50		4/3		10661BR	
-48ROCA	GRD	02-020-14		4/1		30428BR	
-48ROCB	GRD	02-020-24		4/1		30427BR	
-48ROF01	GRD	02-020-40		4/5		10424BR	
-48ROF02	PHR	02-020-42		4/5		10424T	
-48ROF03	GRD	02-020-52		4/5		10423TR	
-48ROF11	GRD	02-072-00		4/5		10422BR	
-48ROF12	GRD	02-072-02		4/5		10422TR	
-48ROF13	GRD	02-072-12		4/5		10421TR	
-48VOAE0	PHR	02-020-01		4/2		10184B	
-48VOAE2	PHR	02-020-21		4/2		10182B	
-48VOAO1	PHR	02-072-21		4/3		10664B	
-48VOAO3	PHR	02-072-41		4/3		10662B	
-48VOBE0	PHR	02-020-11		4/2		10183B	
-48VOBE2	PHR	02-020-31		4/2		10181B	
-48VOBO1	PHR	02-072-31		4/3		10663B	
-48VOBO3	PHR	02-072-51		4/3		10661B	
-48VODCA	PHR	02-020-15		4/1		30428B	
-48VODCB	PHR	02-020-25		4/1		30427B	
-48VOF01	PHR	02-020-41		4/5		10424B	
-48VOF02	GRD	02-020-43		4/5		10424TR	

SYMBOL NO. 4 (CONT)

POWER  
FUSE/FILTER PANEL

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FP	067-000	J5D003AU	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
-48VOF03	PHR	02-020-53		4/5		10423T	
-48VOF11	PHR	02-072-01		4/5		10422B	
	PHR	02-072-13		4/4		10421T	
-48VOF12	PHR	02-072-03		4/5		10422T	
-48VOLA0	PHR	02-020-03		4/2		10184T	
-48VOLA1	PHR	02-072-23		4/3		10664T	
-48VOLA2	PHR	02-020-23		4/2		10182T	
-48VOLA3	GRD	02-072-43		4/3		10662TR	
-48VOLB0	PHR	02-020-13		4/2		10183T	
-48VOLB1	PHR	02-072-33		4/3		10663T	
-48VOLB2	PHR	02-020-33		4/2		10181T	
-48VOLB3	PHR	02-072-53		4/3		10661T	
-48VOML1	PHR	02-020-35		4/1		30426B	
RTNA00	GRD	03-041-RTN		TO POWER DISTRIBUTION A		RTNB00	1/1
RTNA11	GRD	03-050-RTN		TO POWER DISTRIBUTION A		RTNB10	
0ALM.JMP	OT	01-043-201				ALM018	
	OT	01-043-204				ALM066	
0FALM	OT	01-043-001		4/1		ALM018	
0FALMC	O	01-043-207				FAD	
0FALMFN	O	01-043-002		4/1		ALM420	
0FALM.JMP	OT	01-043-202				ALM420	
0FALMRTN	OT	01-043-203				ALM421	
	GRD	01-043-212				RTN	

SYMBOL NO. 5

POWER  
FAN UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FANUNIT	007-000	J5D003BE-1	A	

LEAD DESIG	FUNC	TERM.	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
NC	O	04-011-1				1SCAN0	1/7
	O	04-011-14				0RES1	1/7
	O	04-011-15				1RES1	1/7
	O	04-011-19				0SCAN0	1/7
	O	04-011-26				LPRST	1/7
	O	04-011-9				FLED4	1/7
-48ROF01	GRD	08-020-5		4/4		48RTNB1A	1/3
-48ROF02	GRD	08-056-5		4/4		48RTNB2A	1/2
-48ROF03	GRD	08-112-5		4/4		48RTNB3A	1/1
-48ROF11	GRD	08-020-4		4/4		48RTNB1B	1/3
-48ROF12	GRD	08-056-4		4/4		48RTNB2B	1/2
-48ROF13	GRD	08-112-4		4/4		48RTNB3B	1/1

PART OF FS 4  
SYMBOL(S) 3 4 5

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TIME MULTIPLEXED SWITCH CABINET		DWG SIZE 2
		ISSUE 58
AT&T BELL LABORATORIES	SD-5D147-01	B4CB

PART OF FS 4  
POWER

SYMBOL NO. 5 (CONT)

POWER  
FAN UNIT

DESIG	EQPT LOC	CODE	ELEM IDENT	OPT
FANUNIT	007-000	J50003BE-1	A	

LEAD DESIG	FUNC	TERM. OPT	DESTINATION	NOTE	TERM. MOD	LOC
-48V0F01	PMR	08-020-8	4/4		-48B1A	1/3
-48V0F02	PMR	08-056-8	4/4		-48B2A	1/2
-48V0F03	PMR	08-112-8	4/4		-48B3A	1/1
-48V0F11	PMR	08-020-6	4/4		-48B1B	1/3
-48V0F12	PMR	08-056-6	4/4		-48B2B	1/2
-48V0F13	PMR	08-112-6			-48B3B	1/1
0FNALED0	0	04-011-4			FRLED0	1/7
0FNALED1	0	04-011-12			FLED1	1/7
0FNALED2	0	04-011-11			FLED2	1/7
0FNRES	0	04-011-6	TO PERIPHERAL CONTROLLER UNIT 0 AND 1		3BRES1	1/7
0FNRESR	0	04-011-27	TO PERIPHERAL CONTROLLER UNIT 0 AND 1		RTN	
0FNRC3B	0	04-011-17	TO PERIPHERAL CONTROLLER UNIT 0 AND 1		3BRCNO	1/7
0FNRC3BR	0	04-011-25	TO PERIPHERAL CONTROLLER UNIT 0 AND 1		RTN	

PART OF FS 4  
SYMBOL(S) 5

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TIME MULTIPLEXED SWITCH CABINET		ISSUE 5B
AT&T BELL LABORATORIES	SD-5D147-01	B4CC

APP FIG. 1

UNIT		007-000		015-000		015-000		032-000		041-000		041-000		067-000		EQPT LDC	
EQPT LOC		FANUNIT		DDDTMSUO		DDDTMSUO		TMCUO		EVNTMSUO		EVNTMSUO		FP		DESIG	
DESIG		JSD003BE-1		JSD001AB		JSD001AB		JSD001AA		JSD001AB		JSD001AB		JSD003AU		CODE	
OPTION						NOTE										OPTION	
ELEM IDENT		UNIT		UNIT		UNIT		UNIT		UNIT		UNIT		UNIT		ELEM IDENT	
UNIT	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	DESIG	FS/SYM	UNIT		
A		4/5		1/2				1/1		1/3				4/4	A		
B						3/3		3/1				3/2			B		
C				2/3				2/1		2/2					C		
D				4/3				4/1		4/2					D		

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TIME MULTIPLEXED SWITCH CABINET	DWG SIZE C2	ISSUE 4B
AT&T BELL LABORATORIES	SD-5D147-01	C1



0 1 2 3 4 5 6 7 8 9

A  
B  
C  
D  
E  
F  
G  
H

A  
B  
C  
D  
E  
F  
G  
H

EQUIPMENT NOTES:

- 201. UNLESS OTHERWISE SPECIFIED, ALL FRAME WIRING WILL BE VIA CONNECTED CABLE ASSEMBLIES.
- 202. POWER CONVERTER LOCATION (0,1) 93-178, (0,1) 45-016, (0,1) 45-178, (0,1) 34-178, (0,1) 19-016, (0,1) 28-178, (0,1) 19-178 THAT ARE EQUIPPED, WILL HAVE BACKPLANE CONNECTORS ON PINS 015 AND 119. THESE CONNECTORS WILL STRAP THE BUS LED NETS AND MUST BE REMOVED WHEN POWER CONVERTER IS EQUIPPED AT THAT LOCATION. THE BACKPLANE CONNECTOR IS TO BE WIRED PER ED-4C222-30 614.
- 203. THE MINIMUM BEND RADIUS OF THE OPTIC FIBERS IS 1.5 INCHES.
- 204. ALL POWER BUSSING FROM PD FRAME TO FUSE PANEL IS TO BE 10 GA. SLATE AND SLATE/BLK WIRE. ALL POWER CABLING FROM FUSE PANEL TO ALL UNITS WILL BE 16 GA. RED AND RED/BLK. KS-13305 LT WIRE.  
ED-5A078-30 G4 → 10 GA.  
ED-50099-30 → 16 GA.
- 205. SHIELDED TWISTED PAIRS WILL BE TERMINATED ON 982CD AND 982CK BERG CONNECTORS WITH RAYCHEM TERMINATION D-607-19-REVA.

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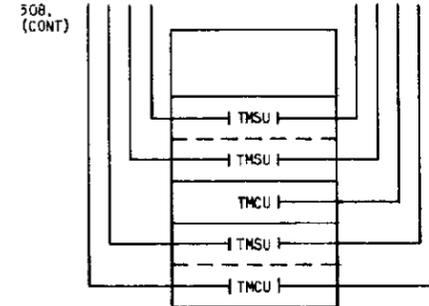
TIME MULTIPLEXED SWITCH CABINET		
DWG SIZE	ISSUE	
88	58	
AT&T BELL LABORATORIES	SD-50147-01	SHEET 02A

0 1 2 3 4 5 6 7 8 9

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

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY
MINIMUM EQUIPPAGE TMS (SM 1 & 2)	1		2
LIST 2 GROWTH PACKAGE (SM 3) (2-982CF, 2-982CG) (SM 11) (2-TN242, 2-TN243) (SM 19) (SM 27) OR (2-982TA) WITH TRANSMISSIONLESS REMOTE MODULE (TRM)	1	Z N A ZH	2
LIST 3 GROWTH PACKAGE (SM 4) (2-982CF) (SM 6) (2-982CG) (SM 8) (SM 10) (SM 12) (SM 14) (SM 16) (SM 18) (SM 20) (SM 22) (SM 24) (SM 26) (SM 28) (SM 30) OR (2-982HY) WITH TRANSMISSIONLESS REMOTE MODULE (TRM)	1	X V S Q M J F B ZA ZC ZE ZG ZI ZK	2
LIST 4 GROWTH PACKAGE (SM 5) (2-932CF, 2-982CG) (SM 9) (2-TN243) (SM 13) (SM 17) (SM 21) (SM 25) (SM 29) OR (2-982TA) WITH TRANSMISSIONLESS REMOTE MODULE (TRM)	1	W R K F ZB ZF ZJ	2
LIST 5 GROWTH PACKAGE (SM 7) (2-982CF, 2-982CG) (SM 23) (2-TN242, 2-TN243) (SM 19) (2-499G1) OR (2-982TA) WITH TRANSMISSIONLESS REMOTE MODULE (TRM)	1	T ZD	2
LIST 6 GROWTH PACKAGE (SM 15) (2-982CF, 2-982CG) (SM 11) (2-TN242, 2-TN243) (SM 19) (2-TN244, 2-UN74) (SM 27) (2-499G1) OR (2-982TA) WITH TRANSMISSIONLESS REMOTE MODULE (TRM)	1	G	2

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



308. (CONT)  
 309. LABEL STRIPS FOR THE TMSU AND TMCU ARE ED-50085 GROUPS 1 THRU 4 AND ED-50084 GROUPS 1 THRU 2 RESPECTIVELY. FUSE PANEL LABELS ARE ED-50088 GROUPS 18 & 19 FOR BAY 0 OR BAY 1.

310. THE KEYCODES FOR THE TMS CIRCUIT PACKS ARE AS FOLLOWS:

TN1575	C01268	B34579
TN242	C01378	B24569
TN243	C01279	B34568
TN244	C02346	B15789
TN252	C01249	B35678
TN265	C01257	B34689
TN267	C01268	B34579
TN268	C01348	B25679
TN269	C01356	B24789
TN270	C01467	B23589
UN74	C01456	B23789

- 311. TMS CONNECTED TO TSII OBRCEV.
- 312. TMS CONNECTED TO TSII OARECV.
- 313. TMS CONNECTED TO TSII OBRMIT.
- 314. TMS CONNECTED TO TSII OAXMIT.
- 315. TMS CONNECTED TO MICU ORECVOP.
- 316. TMS CONNECTED TO MICU OXMITOP.

CIRCUIT PACK CODE OR MICROCODE	COMMON LANGUAGE EQUIPMENT IDENTIFICATION CODE (CLEI)
UN74	E5PQ22AAXX
TN242	E5PQ12KAXX
TN243	E5PQ12JAXX
TN244	E5PQ16KAXX
TN252	E5PQ16JAXX
TN265	E5PQ17VAXX
MC5D015	E5MQ15AXX
MC5D013	E5MQ13AXX
MC5D014	E5MQ14AXX
TN270	E5PQ17BAXX
MC5D121	E5PQ911AXX

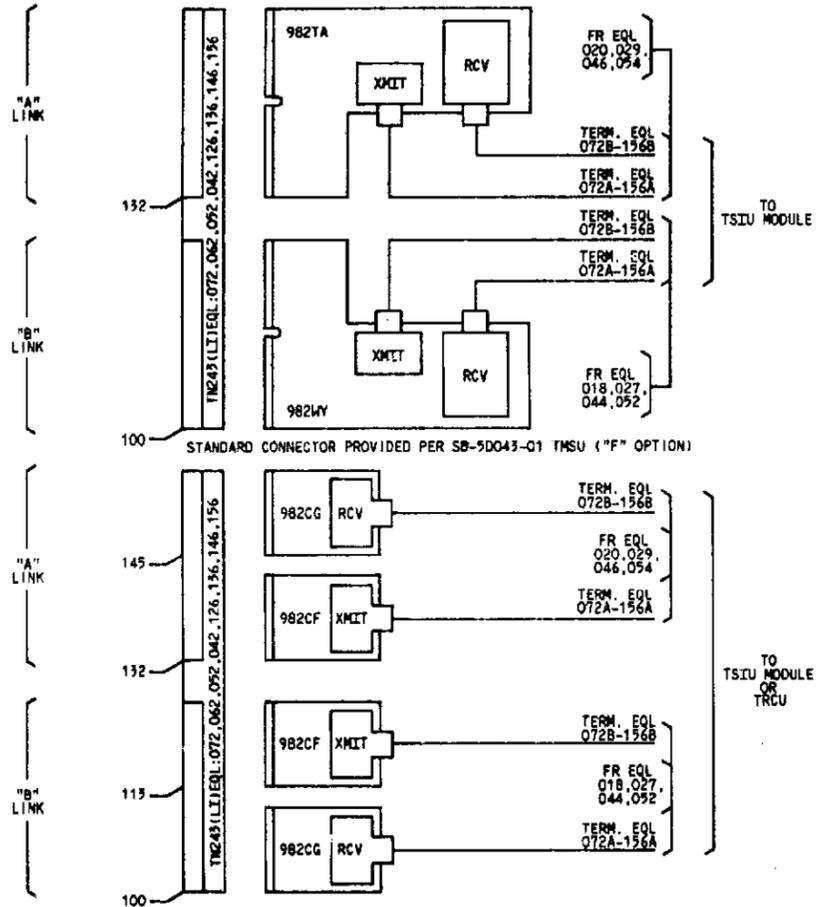
- 305. ALL FUSES ON TOP IN THE FUSE PANEL ARE .100 AMP FUSES, AND THOSE ON BOTTOM ARE 5.0 AMP FUSES EXCEPT FOR THOSE IN FUSE POSITIONS 5B AND 6B, 010-050 3B AND 4B, WHICH SHALL BE 3.0 AMPS.
- 306. TMS 1 HAS THE IDENTICAL CONNECTIONS AS THOSE SHOWN FOR TMS 0. ANY DIFFERENCES WILL BE INDICATED IN THE BAY 1 BLOCK AND CONNECTING FRAME INFORMATION. NETNAMES ARE PRECEDED BY A "0" FOR TMS OR "1" FOR TMS 1. EXCEPT FOR POWER NETS WHICH WILL HAVE THE "0" OR "1" FOLLOWING THE VOLTAGE LEVEL.
- 307. POWER FOR OPTIC RECEIVERS IS INTERLOCKED THROUGH THEIR RESPECTIVE POWER CONVERTER. WHEN THE POWER CONVERTER IS REMOVED THE OPTIC RECEIVERS WILL NO LONGER RECEIVE -48V.
- 308. FIBER OPTIC CABLES ARE ROUTED DOWN THE SIDE OF THE FRAME TO THE CENTER OF THE SHELD IT IS TO BE TERMINATED TO, AND ACROSS THE SHELF TO THE DESIGNATED EQL. MAXIMUM LENGTH OF OPTICAL CABLES SHALL BE NO MORE THAN 1000 FEET.

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TIME MULTIPLEXED SWITCH CABINET		DWG SIZE	ISSUE
		00	58
AT&T BELL LABORATORIES	SD-5D147-01	SHEET D3A	

INFORMATION NOTES: (CONT)

917. FIBER OPTIC CONNECTOR ARRANGEMENTS: TRM (TRANSMISSIONLESS REMOTE MODULE) CONNECTOR PROVIDED PER SD-50043-01 TMSU ("E" OPTION).



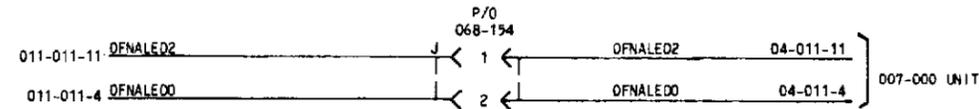
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TIME MULTIPLEXED SWITCH CABINET		OWS SIZE	ISSUE
		80	5B
AT&T BELL LABORATORIES	SD-50147-01	SHEET 03B	

NOTES:

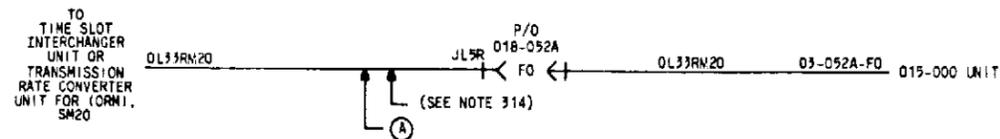
1. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT OF THE TABULAR PRESENTATION.

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... J				06B-154	LED	.....			
011-011-11	DFNALED2			1	DFNALED2	007-000 UNIT	04-011-11		
011-011-4	DFNALED0			2	DFNALED0	007-000 UNIT	04-011-4		



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

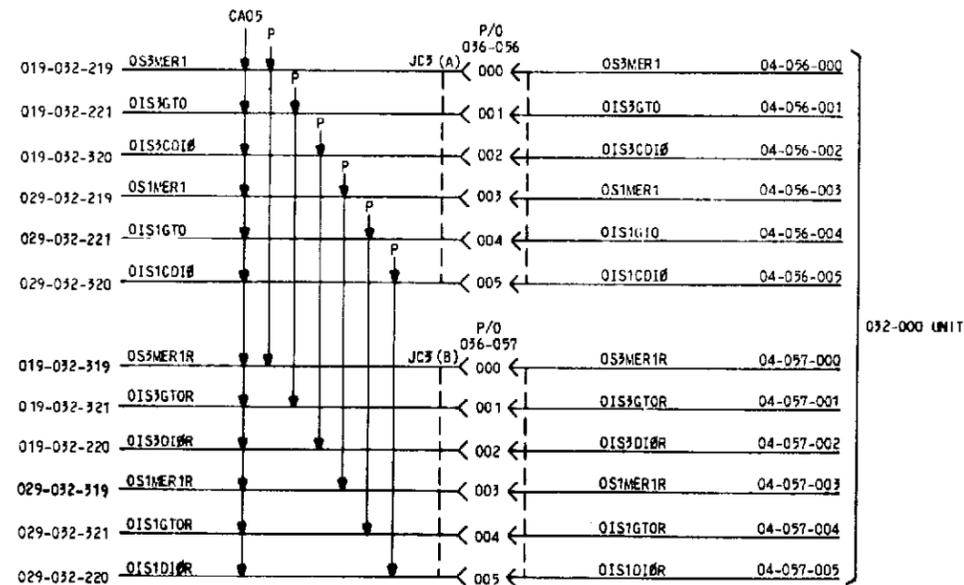
TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... JL5R				01B-052A	JACK/UNIT	.....			
TO TIME SLOT INTERCHANGER UNIT OR TRANSMISSION RATE CONVERTER UNIT FOR (ORN), SM20	OL33RM20	FO		FO	OL33RM20	015-000 UNIT	03-052A-FO (A)		314



NOTES: (CONT)

3. THE FOLLOWING SHOWS THE SYMBOLIC EQUIVALENT TO THE TABULAR PRESENTATION.

TO CONNECTION				FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
..... JC3(A)				036-056	JACK/UNIT	.....			
019-032-219	OS3MER1	CA05	P006	000	OS3MER1	032-000 UNIT	04-056-000		
019-032-221	OIS3GTO	CA05	P007	001	OIS3GTO	032-000 UNIT	04-056-001		
019-032-320	OIS3CDI0	CA05	P008	002	OIS3CDI0	032-000 UNIT	04-056-002		
029-032-219	OS1MER1	CA05	P009	003	OS1MER1	032-000 UNIT	04-056-003		
029-032-221	OIS1GTO	CA05	P010	004	OIS1GTO	032-000 UNIT	04-056-004		
029-032-320	OIS1CDI0	CA05	P011	005	OIS1CDI0	032-000 UNIT	04-056-005		
..... JC3(B)				036-097	JACK/UNIT	.....			
019-032-319	OS3MER1R	CA05	P006	000	OS3MER1R	032-000 UNIT	04-057-000		
019-032-321	OIS3GTOR	CA05	P007	001	OIS3GTOR	032-000 UNIT	04-057-001		
019-032-220	OIS3DIOR	CA05	P008	002	OIS3DIOR	032-000 UNIT	04-057-002		
029-032-319	OS1MER1R	CA05	P009	003	OS1MER1R	032-000 UNIT	04-057-003		
029-032-321	OIS1GTOR	CA05	P010	004	OIS1GTOR	032-000 UNIT	04-057-004		
029-032-220	OIS1DIOR	CA05	P011	005	OIS1DIOR	032-000 UNIT	04-057-005		



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TIME MULTIPLEXED SWITCH CABINET		DWG SIZE	ISSUE
		88	4B
AT&T BELL LABORATORIES	SD-5D147-01	SHEET GB1	

CAD 001  
SCAN AND DISTRIBUTE POINTS

CAD 002  
(CONT'D)

CAD 002  
(CONT'D)

CAD 003  
TMS CONTROL

CAD 002  
POWER CONTROL

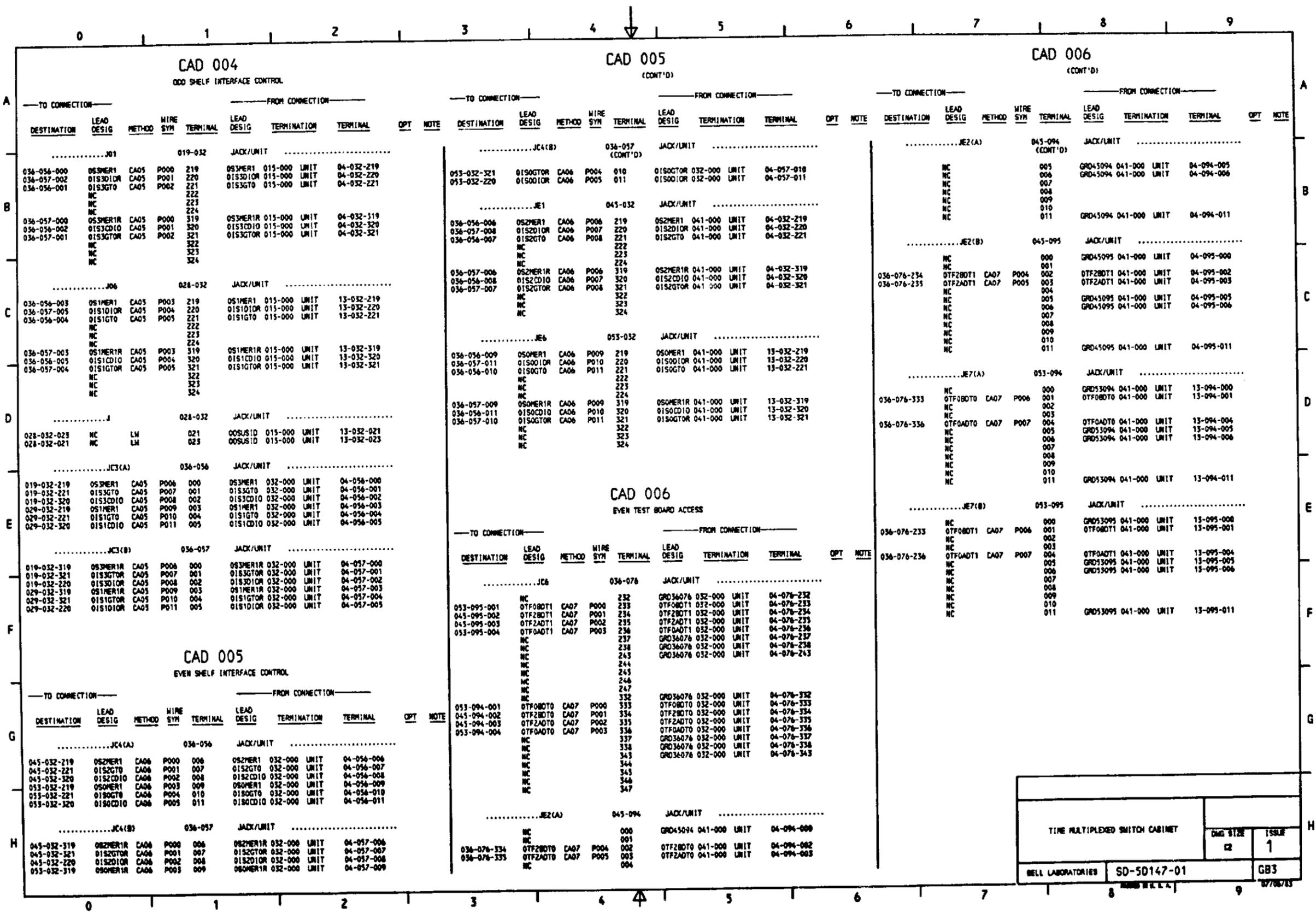
SEE PROPRIETARY NOTICE ON COVER SHEET

TIME MULTIPLEXED SWITCH CABINET

ATTY BELL LABORATORIES SD-5D147-01

DWG SIZE 3D  
ISSUE GBZ

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		011-011 JACK/UNIT					.....J05(A)		028-020 (CONT'D) JACK/UNIT					.....JCZ(B)		036-014 JACK/UNIT													
068-154-2	OFNALED0	LW		4	OFNALED0	007-000 UNIT	04-011-4			068-154-1	OFNALED2	LW		11	OFNALED2	007-000 UNIT	04-011-11			053-020-001	0+DOSOT	CA03		001	0+DOSOT	032-000 UNIT	04-014-001		
.....J01		036-008 JACK/UNIT					.....JE5(A)		053-020 JACK/UNIT					.....JA1		036-052 JACK/UNIT													
TO PERIPHERAL	000SR	CA01	P000	051	000SR	032-000 UNIT	04-008-051			036-014-001	0+DOSOT	CA03		001	0+DOSOT	041-000 UNIT	13-020-001			TO MESSAGE	OTMSINTN	CA04	P000	232	OTMSINTN	032-000 UNIT	04-052-232		
.....J01		036-008 JACK/UNIT					.....JCZ(A)		036-015 JACK/UNIT					.....JCZ(B)		036-015 JACK/UNIT													
TO PERIPHERAL	000SR	CA01	P005	038	000SR	032-000 UNIT	04-008-038			028-021-001	0+DOSIN	CA03		001	0+DOSIN	032-000 UNIT	04-015-001			028-021-001	0+DOSOT	CA03		001	0+DOSOT	032-000 UNIT	04-015-001		



**CAD 004**  
ODD SHELF INTERFACE CONTROL

**CAD 005**  
(CONT'D)

**CAD 006**  
(CONT'D)

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J01					019-032 JACK/UNIT				
036-056-000	053MER1	CA05	P000	219	053MER1	015-000	UNIT		04-032-219
036-057-002	01S3D10R	CA05	P001	220	01S3D10R	015-000	UNIT		04-032-220
036-056-001	01S3GT0	CA05	P002	221	01S3GT0	015-000	UNIT		04-032-221
	NC			222					
	NC			223					
	NC			224					
036-057-000	053MER1R	CA05	P000	319	053MER1R	015-000	UNIT		04-032-319
036-056-002	01S3CD10	CA05	P001	320	01S3CD10	015-000	UNIT		04-032-320
036-057-001	01S3GT0R	CA05	P002	321	01S3GT0R	015-000	UNIT		04-032-321
	NC			322					
	NC			323					
	NC			324					
.....J06					028-032 JACK/UNIT				
036-056-003	051MER1	CA05	P003	219	051MER1	015-000	UNIT		13-032-219
036-057-005	01S1D10R	CA05	P004	220	01S1D10R	015-000	UNIT		13-032-220
036-056-004	01S1GT0	CA05	P005	221	01S1GT0	015-000	UNIT		13-032-221
	NC			222					
	NC			223					
	NC			224					
036-057-003	051MER1R	CA05	P003	319	051MER1R	015-000	UNIT		13-032-319
036-056-005	01S1CD10	CA05	P004	320	01S1CD10	015-000	UNIT		13-032-320
036-057-004	01S1GT0R	CA05	P005	321	01S1GT0R	015-000	UNIT		13-032-321
	NC			322					
	NC			323					
	NC			324					
.....J					028-032 JACK/UNIT				
028-032-023	NC		LM	021	00SUS10	015-000	UNIT		13-032-021
028-032-021	NC		LM	023	00SUS10	015-000	UNIT		13-032-023
.....J03(A)					036-056 JACK/UNIT				
019-032-219	053MER1	CA05	P006	000	053MER1	032-000	UNIT		04-056-000
019-032-221	01S3GT0	CA05	P007	001	01S3GT0	032-000	UNIT		04-056-001
019-032-220	01S3CD10	CA05	P008	002	01S3CD10	032-000	UNIT		04-056-002
029-032-219	051MER1	CA05	P009	003	051MER1	032-000	UNIT		04-056-003
029-032-221	01S1GT0	CA05	P010	004	01S1GT0	032-000	UNIT		04-056-004
029-032-220	01S1CD10	CA05	P011	005	01S1CD10	032-000	UNIT		04-056-005
.....J03(B)					036-057 JACK/UNIT				
019-032-319	053MER1R	CA05	P006	000	053MER1R	032-000	UNIT		04-057-000
019-032-321	01S3GT0R	CA05	P007	001	01S3GT0R	032-000	UNIT		04-057-001
019-032-220	01S3D10R	CA05	P008	002	01S3D10R	032-000	UNIT		04-057-002
029-032-319	051MER1R	CA05	P009	003	051MER1R	032-000	UNIT		04-057-003
029-032-321	01S1GT0R	CA05	P010	004	01S1GT0R	032-000	UNIT		04-057-004
029-032-220	01S1D10R	CA05	P011	005	01S1D10R	032-000	UNIT		04-057-005

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J04(B)					036-057 (CONT'D) JACK/UNIT				
053-032-321	01S0GT0R	CA06	P004	010	01S0GT0R	032-000	UNIT		04-057-010
053-032-220	01S0D10R	CA06	P005	011	01S0D10R	032-000	UNIT		04-057-011
.....JE1					045-032 JACK/UNIT				
036-056-006	052MER1	CA06	P006	219	052MER1	041-000	UNIT		04-032-219
036-057-008	01S2D10	CA06	P007	220	01S2D10	041-000	UNIT		04-032-220
036-056-007	01S2GT0	CA06	P008	221	01S2GT0	041-000	UNIT		04-032-221
	NC			222					
	NC			223					
	NC			224					
036-057-006	052MER1R	CA06	P006	319	052MER1R	041-000	UNIT		04-032-319
036-056-008	01S2CD10	CA06	P007	320	01S2CD10	041-000	UNIT		04-032-320
036-057-007	01S2GT0R	CA06	P008	321	01S2GT0R	041-000	UNIT		04-032-321
	NC			322					
	NC			323					
	NC			324					
.....JE6					053-032 JACK/UNIT				
036-056-009	050MER1	CA06	P009	219	050MER1	041-000	UNIT		13-032-219
036-057-011	01S0D10R	CA06	P010	220	01S0D10R	041-000	UNIT		13-032-220
036-056-010	01S0GT0	CA06	P011	221	01S0GT0	041-000	UNIT		13-032-221
	NC			222					
	NC			223					
	NC			224					
036-057-009	050MER1R	CA06	P009	319	050MER1R	041-000	UNIT		13-032-319
036-056-011	01S0CD10	CA06	P010	320	01S0CD10	041-000	UNIT		13-032-320
036-057-010	01S0GT0R	CA06	P011	321	01S0GT0R	041-000	UNIT		13-032-321
	NC			322					
	NC			323					
	NC			324					
.....J06					036-076 JACK/UNIT				
053-095-001	0TF0BDT1	CA07	P000	232	GR036076	032-000	UNIT		04-076-232
045-095-002	0TF2BDT1	CA07	P001	233	0TF2BDT1	032-000	UNIT		04-076-233
045-095-003	0TF2ADT1	CA07	P002	234	0TF2ADT1	032-000	UNIT		04-076-234
053-095-004	0TF0ADT1	CA07	P003	235	0TF0ADT1	032-000	UNIT		04-076-235
	NC			236	0TF0ADT1	032-000	UNIT		04-076-236
	NC			237	GR036076	032-000	UNIT		04-076-237
	NC			238	GR036076	032-000	UNIT		04-076-238
	NC			243	GR036076	032-000	UNIT		04-076-243
	NC			244					
	NC			245					
	NC			246					
	NC			247					
	NC			248					
	NC			249					
	NC			250					
053-094-001	0TF0BDT0	CA07	P000	332	GR036076	032-000	UNIT		04-076-332
045-094-002	0TF2BDT0	CA07	P001	333	0TF2BDT0	032-000	UNIT		04-076-333
045-094-003	0TF2ADT0	CA07	P002	334	0TF2ADT0	032-000	UNIT		04-076-334
053-094-004	0TF0ADT0	CA07	P003	335	0TF0ADT0	032-000	UNIT		04-076-335
	NC			336	0TF0ADT0	032-000	UNIT		04-076-336
	NC			337	GR036076	032-000	UNIT		04-076-337
	NC			338	GR036076	032-000	UNIT		04-076-338
	NC			343	GR036076	032-000	UNIT		04-076-343
	NC			344					
	NC			345					
	NC			346					
	NC			347					
.....JE2(A)					045-094 JACK/UNIT				
	NC			000	GR045094	041-000	UNIT		04-094-000
	NC			001					
036-076-334	0TF2BDT0	CA07	P004	002	0TF2BDT0	041-000	UNIT		04-094-002
036-076-335	0TF2ADT0	CA07	P005	003	0TF2ADT0	041-000	UNIT		04-094-003
	NC			004					

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYN	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JE2(A)					045-094 (CONT'D) JACK/UNIT				
	NC			005	GR045094	041-000	UNIT		04-094-005
	NC			006	GR045094	041-000	UNIT		04-094-006
	NC			007					
	NC			008					
	NC			009					
	NC			010					
	NC			011	GR045094	041-000	UNIT		04-094-011
.....JE2(B)					045-095 JACK/UNIT				
	NC			000	GR045095	041-000	UNIT		04-095-000
	NC			001					
036-076-234	0TF2BDT1	CA07	P004	002	0TF2BDT1	041-000	UNIT		04-095-002
036-076-235	0TF2ADT1	CA07	P005	003	0TF2ADT1	041-000	UNIT		04-095-003
	NC			004					
	NC			005	GR045095	041-000	UNIT		04-095-005
	NC			006	GR045095	041-000	UNIT		04-095-006
	NC			007					
	NC			008					
	NC			009					
	NC			010	GR045095	041-000	UNIT		04-095-010
.....JE7(A)					053-094 JACK/UNIT				
	NC			000	GR053094	041-000	UNIT		13-094-000
	NC			001	0TF0BDT0	041-000	UNIT		13-094-001
	NC			002					
	NC			003					
036-076-333	0TF0ADT0	CA07	P006	004	0TF0ADT0	041-000	UNIT		13-094-004
	NC			005	GR053094	041-000	UNIT		13-094-005
	NC			006	GR053094	041-000	UNIT		



CAD 009  
(CONT'D)

CAD 010  
(CONT'D)

CAD 011  
ODD CLOCK DISTRIBUTION

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		
.....JE3(A).....								045-094 JACK/UNIT								.....JC9.....								036-096 (CONT'D) JACK/UNIT							
036-086-334	NC			045	GRD45094	041-000	UNIT			053-096-015	OKF08K0	CA13	P004	040	OKF08K0	032-000	UNIT			036-096-234	NC			013	GRD19096	015-000	UNIT			04-096-013	
036-086-335	OKLF2B00	CA10	P007	046	OKLF2B00	041-000	UNIT				NC			041	NC					036-096-235	OKF32M0	CA14	P000	014	OKF32M0	015-000	UNIT			04-096-014	
	OKLF2AD0	CA10	P008	047	OKLF2AD0	041-000	UNIT				OKF016M0	CA13	P005	042	OKF016M0	032-000	UNIT			036-096-236	OKF36K0	CA14	P001	015	OKF36K0	015-000	UNIT			04-096-015	
	NC			048	OKLF2AD0	041-000	UNIT				NC			043	GRD36096	032-000	UNIT				NC			016	OKF316M0	015-000	UNIT			04-096-016	
	NC			049	GRD45094	041-000	UNIT				NC			044	GRD36096	032-000	UNIT				NC			017	GRD19096	015-000	UNIT			04-096-018	
	NC			050	GRD45094	041-000	UNIT				NC			045	GRD36096	032-000	UNIT				NC			018	GRD19096	015-000	UNIT			04-096-019	
	NC			051	GRD45094	041-000	UNIT				NC			046	NC							NC			019	GRD19096	015-000	UNIT			
	NC			052							NC			047	NC							NC			020						
	NC			053							NC			048	NC							NC			021						
	NC			054							NC			049	NC							NC			022						
	NC			055							NC			050	NC							NC			023						
	NC			056	GRD45094	041-000	UNIT				NC			051	NC							NC			024	GRD19096	015-000	UNIT			04-096-024
.....JE3(B).....								045-095 JACK/UNIT								053-096-114 OKF22M1 CA13 P000 134 OKF22M1 032-000 UNIT 04-096-134								019-096 JACK/UNIT							
036-086-234	NC			045	GRD45095	041-000	UNIT			053-096-115	OKF28K1	CA13	P001	135	OKF28K1	032-000	UNIT			036-096-334	OKF32M1	CA14	P000	114	OKF32M1	015-000	UNIT			04-096-113	
036-086-235	OKLF2AD1	CA10	P008	046	OKLF2AD1	041-000	UNIT			053-096-116	OKF216M1	CA13	P002	136	OKF216M1	032-000	UNIT			036-096-335	OKF38K1	CA14	P001	115	OKF38K1	015-000	UNIT			04-096-114	
	NC			047	GRD45095	041-000	UNIT				NC			137	GRD36096	032-000	UNIT			036-096-336	OKF316M1	CA14	P002	116	OKF316M1	015-000	UNIT			04-096-115	
	NC			048	GRD45095	041-000	UNIT				NC			138	NC						NC			117	GRD19096	015-000	UNIT			04-096-116	
	NC			049	GRD45095	041-000	UNIT				NC			139	NC						NC			118	GRD19096	015-000	UNIT			04-096-118	
	NC			050							NC			140	NC						NC			119	GRD19096	015-000	UNIT			04-096-119	
	NC			051							NC			141	NC						NC			120							
	NC			052							NC			142	NC						NC			121							
	NC			053							NC			143	NC						NC			122							
	NC			054							NC			144	NC						NC			123							
	NC			055							NC			145	NC						NC			124							
	NC			056	GRD45095	041-000	UNIT				NC			146	NC						NC			125							
.....JE4.....								045-096 JACK/UNIT								.....J04.....								019-096 JACK/UNIT							
036-096-034	NC			013	GRD45096	041-000	UNIT			036-096-035	OKF22M0	CA13	P006	014	OKF22M0	041-000	UNIT			036-096-239	NC			013	GRD28096	015-000	UNIT			13-096-013	
036-096-035	OKF22M0	CA13	P006	014	OKF22M0	041-000	UNIT			036-096-036	OKF28K0	CA13	P007	015	OKF28K0	041-000	UNIT			036-096-240	OKF12M0	CA14	P003	014	OKF12M0	015-000	UNIT			13-096-014	
036-096-036	OKF216M0	CA13	P008	015	OKF216M0	041-000	UNIT				NC			016	OKF216M0	041-000	UNIT			036-096-242	OKF18K0	CA14	P004	015	OKF18K0	015-000	UNIT			13-096-015	
	NC			016	GRD45096	041-000	UNIT				NC			017	GRD45096	041-000	UNIT				NC			016	OKF116M0	015-000	UNIT			13-096-016	
	NC			017	GRD45096	041-000	UNIT				NC			018	GRD45096	041-000	UNIT				NC			017	GRD28096	015-000	UNIT			13-096-018	
	NC			018	GRD45096	041-000	UNIT				NC			019	GRD45096	041-000	UNIT				NC			018	GRD28096	015-000	UNIT			13-096-019	
	NC			019	GRD45096	041-000	UNIT				NC			020	GRD45096	041-000	UNIT				NC			019	GRD28096	015-000	UNIT			13-096-019	
	NC			020							NC			021	GRD45096	041-000	UNIT				NC			020							
	NC			021							NC			022	GRD45096	041-000	UNIT				NC			021							
	NC			022							NC			023	GRD45096	041-000	UNIT				NC			022							
	NC			023							NC			024	GRD45096	041-000	UNIT				NC			023							
	NC			024							NC			025	GRD45096	041-000	UNIT				NC			024	GRD28096	015-000	UNIT			13-096-024	
	NC			025							NC			026	GRD45096	041-000	UNIT				NC			025	GRD28096	015-000	UNIT			13-096-113	
	NC			026							NC			027	GRD45096	041-000	UNIT				NC			026	GRD28096	015-000	UNIT			13-096-114	
	NC			027							NC			028	GRD45096	041-000	UNIT				NC			027	GRD28096	015-000	UNIT			13-096-115	
	NC			028							NC			029	GRD45096	041-000	UNIT				NC			028	GRD28096	015-000	UNIT			13-096-116	
	NC			029							NC			030	GRD45096	041-000	UNIT				NC			029	GRD28096	015-000	UNIT			13-096-118	
	NC			030							NC			031	GRD45096	041-000	UNIT				NC			030	GRD28096	015-000	UNIT			13-096-119	
	NC			031							NC			032	GRD45096	041-000	UNIT				NC			031	GRD28096	015-000	UNIT			13-096-124	
	NC			032							NC			033	GRD45096	041-000	UNIT				NC			032	GRD28096	015-000	UNIT			13-096-124	
	NC			033							NC			034	GRD45096	041-000	UNIT				NC			033	GRD28096	015-000	UNIT			13-096-124	
	NC			034							NC			035	GRD45096	041-000	UNIT				NC			034	GRD28096	015-000	UNIT			13-096-124	
	NC			035							NC			036	GRD45096	041-000	UNIT				NC			035	GRD28096	015-000	UNIT			13-096-124	
	NC			036							NC			037	GRD45096	041-000	UNIT				NC			036	GRD28096	015-000	UNIT			13-096-124	
	NC			037							NC			038	GRD45096	041-000	UNIT				NC			037	GRD28096	015-000	UNIT			13-096-124	
	NC			038							NC			039	GRD45096	041-000	UNIT				NC			038	GRD28						

CAD 011

(CONT'D)

CAD 013

(CONT'D)

CAD 013

(CONT'D)

TO CONNECTION										FROM CONNECTION																			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
<p>CAD 011</p> <p>.....JC10</p> <p>036-096 JACK/UNIT</p> <p>NC 232 GRD36096 032-000 UNIT 04-096-232</p> <p>NC 233</p> <p>019-096-014 OKF32M0 CA14 P006 234 OKF32M0 032-000 UNIT 04-096-234</p> <p>019-096-015 OKF38K0 CA14 P007 235 OKF38K0 032-000 UNIT 04-096-235</p> <p>019-096-016 OKF316M0 CA14 P008 236 OKF316M0 032-000 UNIT 04-096-236</p> <p>NC 237 GRD36096 032-000 UNIT 04-096-237</p> <p>NC 238 GRD36096 032-000 UNIT 04-096-238</p> <p>028-096-014 OKF12M0 CA14 P009 239 OKF12M0 032-000 UNIT 04-096-239</p> <p>028-096-015 OKF18K0 CA14 P010 240 OKF18K0 032-000 UNIT 04-096-240</p> <p>NC 241</p> <p>028-096-016 OKF116M0 CA14 P011 242 OKF116M0 032-000 UNIT 04-096-242</p> <p>NC 243 GRD36096 032-000 UNIT 04-096-243</p> <p>NC 332 GRD36096 032-000 UNIT 04-096-332</p> <p>NC 333</p> <p>019-096-114 OKF32M1 CA14 P006 334 OKF32M1 032-000 UNIT 04-096-334</p> <p>019-096-115 OKF38K1 CA14 P007 335 OKF38K1 032-000 UNIT 04-096-335</p> <p>019-096-116 OKF316M1 CA14 P008 336 OKF316M1 032-000 UNIT 04-096-336</p> <p>NC 337 GRD36096 032-000 UNIT 04-096-337</p> <p>NC 338 GRD36096 032-000 UNIT 04-096-338</p> <p>028-096-114 OKF12M1 CA14 P009 339 OKF12M1 032-000 UNIT 04-096-339</p> <p>028-096-115 OKF18K1 CA14 P010 340 OKF18K1 032-000 UNIT 04-096-340</p> <p>NC 341</p> <p>028-096-116 OKF116M1 CA14 P011 342 OKF116M1 032-000 UNIT 04-096-342</p> <p>NC 343 GRD36096 032-000 UNIT 04-096-343</p>										<p>CAD 013</p> <p>.....JL5XM</p> <p>018-042B JACK/UNIT (NOTE 311,317)</p> <p>(CONT'D)</p> <p>.....JL5XM</p> <p>018-052B JACK/UNIT (NOTE 311,317)</p> <p>TO TIME SLOT 0L33XM20 FO 03-052B-FO (A)</p> <p>INTERCHANGE UNIT</p> <p>OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM20</p> <p>.....JL5XM</p> <p>018-062B JACK/UNIT (NOTE 311,317)</p> <p>TO TIME SLOT 0L23XM18 FO 03-062B-FO</p> <p>INTERCHANGE UNIT</p> <p>OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM18</p> <p>.....JL5XM</p> <p>018-072B JACK/UNIT (NOTE 311,317)</p> <p>TO TIME SLOT 0L13XM16 FO 03-072B-FO (G)</p> <p>INTERCHANGE UNIT</p> <p>OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM16</p> <p>.....JL5XM</p> <p>018-126B JACK/UNIT (NOTE 311,317)</p> <p>TO TIME SLOT 0L53XM24 FO 03-126B-FO (ZD)</p> <p>INTERCHANGE UNIT</p> <p>OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM24</p> <p>.....JL5XM</p> <p>018-136B JACK/UNIT (NOTE 311,317)</p> <p>TO TIME SLOT 0L63XM26 FO 03-136B-FO (ZF)</p> <p>INTERCHANGE UNIT</p> <p>OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM26</p> <p>.....JL5XM</p> <p>018-146B JACK/UNIT (NOTE 311,317)</p> <p>TO TIME SLOT 0L73XM28 FO 03-146B-FO (ZH)</p> <p>INTERCHANGE UNIT</p> <p>OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM28</p> <p>.....JL5XM</p> <p>018-156B JACK/UNIT (NOTE 311,317)</p> <p>TO TIME SLOT 0L83XM30 FO 03-156B-FO (ZJ)</p> <p>INTERCHANGE UNIT</p> <p>OR TO TRANSMISSION RATE CONVERTER</p>										<p>CAD 013</p> <p>.....JL5XM</p> <p>018-156B JACK/UNIT (NOTE 311,317)</p> <p>(CONT'D)</p> <p>.....JL5XM</p> <p>020-042A JACK/UNIT (NOTE 312,317)</p> <p>TO TIME SLOT 0L43XM21 FO 05-042A-FO (ZA)</p> <p>INTERCHANGE UNIT</p> <p>OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM21</p> <p>.....JL5XM</p> <p>020-052A JACK/UNIT (NOTE 312,317)</p> <p>TO TIME SLOT 0L33XM19 FO 05-052A-FO (B)</p> <p>INTERCHANGE UNIT</p> <p>OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM19</p> <p>.....JL5XM</p> <p>020-062A JACK/UNIT (NOTE 312,317)</p> <p>TO TIME SLOT 0L23XM17 FO 05-062A-FO</p> <p>INTERCHANGE UNIT</p> <p>OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM17</p> <p>.....JL5XM</p> <p>020-072A JACK/UNIT (NOTE 312,317)</p> <p>TO TIME SLOT 0L13XM15 FO 05-072A-FO (J)</p> <p>INTERCHANGE UNIT</p> <p>OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM15</p> <p>.....JL5XM</p> <p>020-126A JACK/UNIT (NOTE 312,317)</p> <p>TO TIME SLOT 0L53XM23 FO 05-126A-FO (ZC)</p> <p>INTERCHANGE UNIT</p> <p>OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM23</p>									
<p>CAD 012</p> <p>NETWORK CLOCK REFERENCE</p> <p>.....JA3</p> <p>036-096 JACK/UNIT</p> <p>NC 000</p> <p>TO MESSAGE 0TMS8KR CA15 P000 002 0TMS8KR 032-000 UNIT 04-096-002</p> <p>INTERFACE/CLOCK UNIT</p> <p>NC 003</p> <p>TO MESSAGE 0BKTMSR CA15 P001 005 0BKTMSR 032-000 UNIT 04-096-005</p> <p>INTERFACE/CLOCK UNIT</p> <p>NC 100</p> <p>TO MESSAGE 0TMS8KT CA15 P000 102 0TMS8KT 032-000 UNIT 04-096-102</p> <p>INTERFACE/CLOCK UNIT</p> <p>NC 101</p> <p>TO MESSAGE 0BKTMS1 CA15 P001 105 0BKTMS1 032-000 UNIT 04-096-105</p> <p>INTERFACE/CLOCK UNIT</p> <p>NC 104</p> <p>NC 105</p>										<p>CAD 013</p> <p>FIBER OPTIC TRANSMIT</p>										<p>CAD 013</p> <p>FIBER OPTIC TRANSMIT</p>									

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TIME MULTIPLEXED SWITCH CABINET

DWG SIZE 4B

AT&T BELL LABORATORIES SD-5D147-01 GB6

CAD 013  
(CONT'D)

CAD 013  
(CONT'D)

CAD 013  
(CONT'D)

TO CONNECTION		FROM CONNECTION							TO CONNECTION		FROM CONNECTION							TO CONNECTION		FROM CONNECTION										
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM25	JL5XM			020-136A	JACK/UNIT	(NOTE 312,317)				TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM10	JL5XM			027-136B	JACK/UNIT	(NOTE 311,317)				TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM09	JL5XM				029-136A	JACK/UNIT	(NOTE 312,317)			
	0L63XM25	FO		FO	0L63XM25	015-000 UNIT	05-136A-FD	(ZE)			0L61XM10	FO		FO	0L61XM10	015-000 UNIT	12-136B-FD	(R)			0L61XM9	FO		FO	0L61XM9	015-000 UNIT	14-136A-FD	(S)		
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM27	JL5XM			020-146A	JACK/UNIT	(NOTE 312,317)				TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM12	JL5XM			027-146B	JACK/UNIT	(NOTE 311,317)				TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM11	JL5XM				029-146A	JACK/UNIT	(NOTE 312,317)			
	0L73XM27	FO		FO	0L73XM27	015-000 UNIT	05-146A-FD	(ZG)			0L71XM12	FO		FO	0L71XM12	015-000 UNIT	12-146B-FD	(N)			0L71XM11	FO		FO	0L71XM11	015-000 UNIT	14-146A-FD	(O)		
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM29	JL5XM			020-156A	JACK/UNIT	(NOTE 312,317)				TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM14	JL5XM			027-156B	JACK/UNIT	(NOTE 311,317)				TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM13	JL5XM				029-156A	JACK/UNIT	(NOTE 312,317)			
	0L83XM29	FO		FO	0L83XM29	015-000 UNIT	05-156A-FD	(ZI)			0L81XM14	FO		FO	0L81XM14	015-000 UNIT	12-156B-FD	(K)			0L81XM13	FO		FO	0L81XM13	015-000 UNIT	14-156A-FD	(M)		
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM06	JL5XM			027-042B	JACK/UNIT	(NOTE 311,317)				TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM05	JL5XM			029-042A	JACK/UNIT	(NOTE 312,317)				TO MESSAGE INTERFACE/CLOCK UNIT	JL5XM				035-086B	JACK/UNIT	(NOTE 315)			
	0L41XM6	FO		FO	0L41XM6	015-000 UNIT	12-042B-FD	(W)			0L41XM5	FO		FO	0L41XM5	015-000 UNIT	14-042A-FD	(X)			0ML1XM1T	FO		FO	0ML1XM1T	032-000 UNIT	03-086B-FD			
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM04	JL5XM			027-052B	JACK/UNIT	(NOTE 311,317)				TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM03	JL5XM			029-052A	JACK/UNIT	(NOTE 312,317)				TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM22	JL6XM				044-042B	JACK/UNIT	(NOTE 311,317)			
	0L31XM4	FO		FO	0L31XM4	015-000 UNIT	12-052B-FD	(Y)			0L31XM3	FO		FO	0L31XM3	015-000 UNIT	14-052A-FD	(Z)			0L42XM22	FO		FO	0L42XM22	041-000 UNIT	03-042B-FD	(ZB)		
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM02	JL5XM			027-062B	JACK/UNIT	(NOTE 311,317)				TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM01	JL5XM			029-062A	JACK/UNIT	(NOTE 312,317)				TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM20	JL6XM				044-052B	JACK/UNIT	(NOTE 311,317)			
	0L21XM2	FO		FO	0L21XM2	015-000 UNIT	12-062B-FD				0L21XM1	FO		FO	0L21XM1	015-000 UNIT	14-062A-FD				0L32XM20	FO		FO	0L32XM20	041-000 UNIT	03-052B-FD	(A)		
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM08	JL5XM			027-126B	JACK/UNIT	(NOTE 311,317)				TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (DRM), SM07	JL5XM			029-126A	JACK/UNIT	(NOTE 312,317)														
	0L51XM8	FO		FO	0L51XM8	015-000 UNIT	12-126B-FD	(T)			0L51XM7	FO		FO	0L51XM7	015-000 UNIT	14-126A-FD	(V)												

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TIME MULTIPLEXED SWITCH CABINET		DWG SIZE C2
		ISSUE 4B
AT&T BELL LABORATORIES	SD-5D147-01	GB7

CAD 013 (CONT'D)										CAD 013 (CONT'D)										CAD 013 (CONT'D)									
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM18										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM19										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM06									
JL6XM	044-062B	JACK/UNIT	(NOTE 311,317)	044-062B	JACK/UNIT	(NOTE 311,317)	044-062B			JL6XM	046-052A	JACK/UNIT	(NOTE 312,317)	046-052A	JACK/UNIT	(NOTE 312,317)	046-052A			JL6XM	052-042B	JACK/UNIT	(NOTE 311,317)	052-042B	JACK/UNIT	(NOTE 311,317)	052-042B		
0L22XM18	FO	FO		0L22XM18	041-000	UNIT	03-062B-FO			0L32XM19	FO	FO		0L32XM19	041-000	UNIT	05-052A-FO	(B)		0L40XM6	FO	FO		0L40XM6	041-000	UNIT	12-042B-FO	(W)	
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM16										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM17										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM04									
JL6XM	044-072B	JACK/UNIT	(NOTE 311,317)	044-072B	JACK/UNIT	(NOTE 311,317)	044-072B		(G)	JL6XM	046-062A	JACK/UNIT	(NOTE 312,317)	046-062A	JACK/UNIT	(NOTE 312,317)	046-062A			JL6XM	052-052B	JACK/UNIT	(NOTE 311,317)	052-052B	JACK/UNIT	(NOTE 311,317)	052-052B		
0L12XM16	FO	FO		0L12XM16	041-000	UNIT	03-072B-FO			0L22XM17	FO	FO		0L22XM17	041-000	UNIT	05-062A-FO			0L30XM4	FO	FO		0L30XM4	041-000	UNIT	12-052B-FO	(Y)	
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM24										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM15										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM02									
JL6XM	044-126B	JACK/UNIT	(NOTE 311,317)	044-126B	JACK/UNIT	(NOTE 311,317)	044-126B		(ZD)	JL6XM	046-072A	JACK/UNIT	(NOTE 312,317)	046-072A	JACK/UNIT	(NOTE 312,317)	046-072A			JL6XM	052-062B	JACK/UNIT	(NOTE 311,317)	052-062B	JACK/UNIT	(NOTE 311,317)	052-062B		
0L52XM24	FO	FO		0L52XM24	041-000	UNIT	03-126B-FO			0L12XM15	FO	FO		0L12XM15	041-000	UNIT	05-072A-FO	(J)		0L20XM2	FO	FO		0L20XM2	041-000	UNIT	12-062B-FO		
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM26										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM23										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM08									
JL6XM	044-136B	JACK/UNIT	(NOTE 311,317)	044-136B	JACK/UNIT	(NOTE 311,317)	044-136B		(ZF)	JL6XM	046-126A	JACK/UNIT	(NOTE 312,317)	046-126A	JACK/UNIT	(NOTE 312,317)	046-126A			JL6XM	052-126B	JACK/UNIT	(NOTE 311,317)	052-126B	JACK/UNIT	(NOTE 311,317)	052-126B		
0L62XM26	FO	FO		0L62XM26	041-000	UNIT	03-136B-FO			0L52XM23	FO	FO		0L52XM23	041-000	UNIT	05-126A-FO	(ZC)		0L50XM8	FO	FO		0L50XM8	041-000	UNIT	12-126B-FO	(T)	
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM28										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM25										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM10									
JL6XM	044-146B	JACK/UNIT	(NOTE 311,317)	044-146B	JACK/UNIT	(NOTE 311,317)	044-146B		(ZH)	JL6XM	046-136A	JACK/UNIT	(NOTE 312,317)	046-136A	JACK/UNIT	(NOTE 312,317)	046-136A			JL6XM	052-136B	JACK/UNIT	(NOTE 311,317)	052-136B	JACK/UNIT	(NOTE 311,317)	052-136B		
0L72XM28	FO	FO		0L72XM28	041-000	UNIT	03-146B-FO			0L62XM25	FO	FO		0L62XM25	041-000	UNIT	05-136A-FO	(ZE)		0L60XM10	FO	FO		0L60XM10	041-000	UNIT	12-136B-FO	(R)	
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM30										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM27										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM12									
JL6XM	044-156B	JACK/UNIT	(NOTE 311,317)	044-156B	JACK/UNIT	(NOTE 311,317)	044-156B		(ZJ)	JL6XM	046-146A	JACK/UNIT	(NOTE 312,317)	046-146A	JACK/UNIT	(NOTE 312,317)	046-146A			JL6XM	052-146B	JACK/UNIT	(NOTE 311,317)	052-146B	JACK/UNIT	(NOTE 311,317)	052-146B		
0L82XM30	FO	FO		0L82XM30	041-000	UNIT	03-156B-FO			0L72XM27	FO	FO		0L72XM27	041-000	UNIT	05-146A-FO	(ZG)		0L70XM12	FO	FO		0L70XM12	041-000	UNIT	12-146B-FO	(N)	
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM21										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM29																			
JL6XM	046-042A	JACK/UNIT	(NOTE 312,317)	046-042A	JACK/UNIT	(NOTE 312,317)	046-042A		(ZA)	JL6XM	046-156A	JACK/UNIT	(NOTE 312,317)	046-156A	JACK/UNIT	(NOTE 312,317)	046-156A												
0L42XM21	FO	FO		0L42XM21	041-000	UNIT	05-042A-FO			0L82XM29	FO	FO		0L82XM29	041-000	UNIT	05-156A-FO	(Z1)											

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AT&T BELL LABORATORIES	SD-5D147-01		

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TO CONNECTION		FROM CONNECTION					TO CONNECTION		FROM CONNECTION					TO CONNECTION		FROM CONNECTION													
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....JL6XM		052-156B JACK/UNIT (NOTE 311,317).....					.....JL6XM		054-156A JACK/UNIT (NOTE 312,317).....					.....JL5R		018-136A JACK/UNIT (NOTE 314,317).....													
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM14		0L80XM14 041-000 UNIT 12-156B-FD (K)					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM13		0L80XM13 041-000 UNIT 14-156A-FD (M)					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM26		0L63RM26 015-000 UNIT 03-136A-FD (2F)													
.....JL6XM		054-042A JACK/UNIT (NOTE 312,317).....					.....JL5R		018-146A JACK/UNIT (NOTE 314,317).....					.....JL5R		018-146A JACK/UNIT (NOTE 314,317).....													
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM05		0L40XM5 041-000 UNIT 14-042A-FD (X)					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM22		0L73RM28 015-000 UNIT 03-146A-FD (2H)					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM28		0L73RM28 015-000 UNIT 03-146A-FD (2H)													
.....JL6XM		054-052A JACK/UNIT (NOTE 312,317).....					.....JL5R		018-042A JACK/UNIT (NOTE 314,317).....					.....JL5R		018-156A JACK/UNIT (NOTE 314,317).....													
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM03		0L30XM3 041-000 UNIT 14-052A-FD (Z)					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM22		0L43RM22 015-000 UNIT 03-042A-FD (2B)					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM30		0L83RM30 015-000 UNIT 03-156A-FD (2J)													
.....JL6XM		054-062A JACK/UNIT (NOTE 312,317).....					.....JL5R		018-052A JACK/UNIT (NOTE 314,317).....					.....JL5R		020-042B JACK/UNIT (313,317).....													
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM01		0L20XM1 041-000 UNIT 14-062A-FD					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM20		0L33RM20 015-000 UNIT 03-052A-FD (A)					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM21		0L43RM21 015-000 UNIT 05-042B-FD (2A)													
.....JL6XM		054-126A JACK/UNIT (NOTE 312,317).....					.....JL5R		018-062A JACK/UNIT (314,317).....					.....JL5R		020-052B JACK/UNIT (313,317).....													
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM07		0L50XM7 041-000 UNIT 14-126A-FD (V)					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM18		0L23RM18 015-000 UNIT 03-062A-FD (E)					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM19		0L33RM19 015-000 UNIT 05-052B-FD (B)													
.....JL6XM		054-136A JACK/UNIT (NOTE 312,317).....					.....JL5R		018-072A JACK/UNIT (NOTE 314,317).....					.....JL5R		020-062B JACK/UNIT (313,317).....													
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM09		0L60XM9 041-000 UNIT 14-136A-FD (S)					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM16		0L13RM16 015-000 UNIT 03-072A-FD (G)					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM17		0L23RM17 015-000 UNIT 05-062B-FD (F)													
.....JL6XM		054-146A JACK/UNIT (NOTE 312,317).....					.....JL5R		018-126A JACK/UNIT (NOTE 314,317).....					.....JL5R		020-062B JACK/UNIT (313,317).....													
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM11		0L70XM11 041-000 UNIT 14-146A-FD (D)					TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM24		0L53RM24 015-000 UNIT 03-126A-FD (2D)																				

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 TIME MULTIPLEXED SWITCH CABINET  
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TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM15										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM2										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM01										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM07									
JL5R	020-072B	JACK/UNIT	(313,317)		0L13RM15	015-000	UNIT	05-072B-FD	(J)	JL5R	027-062A	JACK/UNIT	(NOTE 314,317)		0L21RM2	015-000	UNIT	12-062A-FD		JL5R	029-062B	JACK/UNIT	(313,317)		0L21RM1	015-000	UNIT	14-062B-FD											
JL5R	020-126B	JACK/UNIT	(313,317)		0L53RM23	015-000	UNIT	05-126B-FD	(ZC)	JL5R	027-126A	JACK/UNIT	(NOTE 314,317)		0L51RM8	015-000	UNIT	12-126A-FD	(T)	JL5R	029-126B	JACK/UNIT	(313,317)		0L51RM7	015-000	UNIT	14-126B-FD	(V)										
JL5R	020-136B	JACK/UNIT	(313,317)		0L63RM25	015-000	UNIT	05-136B-FD	(ZE)	JL5R	027-136A	JACK/UNIT	(NOTE 314,317)		0L61RM10	015-000	UNIT	12-136A-FD	(R)	JL5R	029-136B	JACK/UNIT	(313,317)		0L61RM9	015-000	UNIT	14-136B-FD	(S)										
JL5R	020-146B	JACK/UNIT	(313,317)		0L73RM27	015-000	UNIT	05-146B-FD	(ZG)	JL5R	027-146A	JACK/UNIT	(NOTE 314,317)		0L71RM12	015-000	UNIT	12-146A-FD	(N)	JL5R	029-146B	JACK/UNIT	(313,317)		0L71RM11	015-000	UNIT	14-146B-FD	(D)										
JL5R	020-156B	JACK/UNIT	(313,317)		0L83RM29	015-000	UNIT	05-156B-FD	(ZI)	JL5R	027-156A	JACK/UNIT	(NOTE 314,317)		0L81RM14	015-000	UNIT	12-156A-FD	(K)	JL5R	029-156B	JACK/UNIT	(NOTE 313,317)		0L81RM13	015-000	UNIT	14-156B-FD	(M)										
JL5R	027-042A	JACK/UNIT	(NOTE 314,317)		0L41RM6	015-000	UNIT	12-042A-FD	(W)	JL5R	029-042B	JACK/UNIT	(313,317)		0L41RM5	015-000	UNIT	14-042B-FD	(X)	JL5R	035-086A	JACK/UNIT	(NOTE 316)		0ML1RCV	032-000	UNIT	03-086A-FD											
JL5R	027-052A	JACK/UNIT	(NOTE 314,317)		0L31RM4	015-000	UNIT	12-052A-FD	(Y)	JL5R	029-052B	JACK/UNIT	(313,317)		0L31RM3	015-000	UNIT	14-052B-FD	(Z)	TO MESSAGE INTERFACE/CLOCK UNIT																			
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM04										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM03																													

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DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE																														
.....JL6R										044-042A JACK/UNIT (314,317).....										.....JL6R										044-156A JACK/UNIT (314,317).....										.....JL6R										046-146B JACK/UNIT (313,317).....									
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM22										0L42RM22 041-000 UNIT 03-042A-FD (ZB)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM30										0L82RM30 041-000 UNIT 03-156A-FD (ZJ)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM27										0L72RM27 041-000 UNIT 05-146B-FD (ZG)									
.....JL6R										044-052A JACK/UNIT (314,317).....										.....JL6R										046-042B JACK/UNIT (313,317).....										.....JL6R										046-156B JACK/UNIT (313,317).....									
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM20										0L32RM20 041-000 UNIT 03-052A-FD (A)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM21										0L42RM21 041-000 UNIT 05-042B-FD (ZA)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM29										0L82RM29 041-000 UNIT 05-156B-FD (ZI)									
.....JL6R										044-062A JACK/UNIT (314,317).....										.....JL6R										046-052B JACK/UNIT (313,317).....										.....JL6R										052-042A JACK/UNIT (314,317).....									
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM18										0L22RM18 041-000 UNIT 03-062A-FD (E)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM19										0L32RM19 041-000 UNIT 05-052B-FD (B)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM06										0L40RM6 041-000 UNIT 12-042A-FD (W)									
.....JL6R										044-072A JACK/UNIT (314,317).....										.....JL6R										046-062B JACK/UNIT (313,317).....										.....JL6R										052-052A JACK/UNIT (314,317).....									
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM16										0L12RM16 041-000 UNIT 03-072A-FD (G)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM17										0L22RM17 041-000 UNIT 05-062B-FD (F)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM04										0L30RM4 041-000 UNIT 12-052A-FD (Y)									
.....JL6R										044-126A JACK/UNIT (314,317).....										.....JL6R										046-072B JACK/UNIT (313,317).....										.....JL6R										052-062A JACK/UNIT (314,317).....									
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM24										0L32RM24 041-000 UNIT 03-126A-FD (ZD)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM15										0L12RM15 041-000 UNIT 05-072B-FD (J)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM02										0L20RM2 041-000 UNIT 12-062A-FD									
.....JL6R										044-136A JACK/UNIT (314,317).....										.....JL6R										046-126B JACK/UNIT (313,317).....										.....JL6R										052-126A JACK/UNIT (314,317).....									
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM26										0L62RM26 041-000 UNIT 03-136A-FD (ZF)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM23										0L52RM23 041-000 UNIT 05-126B-FD (ZC)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM08										0L50RM8 041-000 UNIT 12-126A-FD (T)									
.....JL6R										044-146A JACK/UNIT (314,317).....										.....JL6R										046-136B JACK/UNIT (313,317).....										.....JL6R										052-136B JACK/UNIT (313,317).....									
TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM28										0L72RM28 041-000 UNIT 03-146A-FD (ZH)										TO TIME SLOT INTERCHANGE UNIT OR TO TRANSMISSION RATE CONVERTER UNIT FOR (ORM), SM25										0L62RM25 041-000 UNIT 05-136B-FD (ZE)																													

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DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J		015-020 JACK/UNIT					.....J		034-023 JACK/UNIT					.....J		069-020 JACK/UNIT													
069-072-00	-48ROF11		4		-48ROF11 007-000	UNIT	08-020-4			069-020-15	-48VOCA		003		-48VOCA 032-000	UNIT	02-023-003			051-007-003	-48ROAEO		00		-48ROAEO 067-000	UNIT	02-020-00		
069-020-40	-48ROF01		5		-48ROF01 007-000	UNIT	08-020-5			069-020-35	-48VOHLI		008		-48VOHLI 032-000	UNIT	02-023-008			051-011-003	-48VOAEO		01		-48VOAEO 067-000	UNIT	02-020-01		
069-072-01	-48VOF11		6		-48VOF11 007-000	UNIT	08-020-6			.....J		034-169 JACK/UNIT					.....J		069-020 JACK/UNIT										
069-020-41	-48VOF01		8		-48VOF01 007-000	UNIT	08-020-8			069-020-24	-48ROCB		003		-48ROCB 032-000	UNIT	02-169-003			051-011-008	-48VOLA0		03		-48VOLA0 067-000	UNIT	02-020-03		
.....J		015-056 JACK/UNIT					.....J		034-173 JACK/UNIT					.....J		069-020 JACK/UNIT													
069-072-02	-48ROF12		4		-48ROF12 007-000	UNIT	08-056-4			019-105-053	-5GOSLF3		017		-5GOSLF3 032-000	UNIT	02-169-017			051-173-003	-48ROBEO		10		-48ROBEO 067-000	UNIT	02-020-10		
069-020-42	-48ROF02		5		-48ROF02 007-000	UNIT	08-056-5			026-105-003	-5GOSLF1		023		-5GOSLF1 032-000	UNIT	02-169-023			051-173-008	-48VOBEO		11		-48VOBEO 067-000	UNIT	02-020-11		
069-072-03	-48VOF12		6		-48VOF12 007-000	UNIT	08-056-6			.....J		038-169 JACK/UNIT					.....J		069-020 JACK/UNIT										
069-020-43	-48VOF02		8		-48VOF02 007-000	UNIT	08-056-8			069-020-25	-48VOCB		003		-48VOCB 032-000	UNIT	02-173-003			034-019-003	-48ROCA		14		-48ROCA 067-000	UNIT	02-020-14		
.....J		015-112 JACK/UNIT					.....J		038-173 JACK/UNIT					.....J		069-020 JACK/UNIT													
069-072-12	-48ROF13		4		-48ROF13 007-000	UNIT	08-112-4			019-105-048	-5VOSLF3		017		-5VOSLF3 032-000	UNIT	02-173-017			034-019-003	-48VOCA		15		-48VOCA 067-000	UNIT	02-020-15		
069-020-52	-48ROF03		5		-48ROF03 007-000	UNIT	08-112-5			026-105-008	-5VOSLF1		023		-5VOSLF1 032-000	UNIT	02-173-023			043-007-003	-48ROAEZ		20		-48ROAEZ 067-000	UNIT	02-020-20		
069-072-13	-48VOF13		6		-48VOF13 007-000	UNIT	08-112-6			.....J		038-169 JACK/UNIT					.....J		069-020 JACK/UNIT										
069-020-53	-48VOF03		8		-48VOF03 007-000	UNIT	08-112-8			045-105-053	-5GOSLF2		033		-5GOSLF2 032-000	UNIT	06-169-033			034-011-008	-48VOLA2		23		-48VOLA2 067-000	UNIT	02-020-23		
.....J		017-007 JACK/UNIT					.....J		038-173 JACK/UNIT					.....J		069-020 JACK/UNIT													
069-072-40	-48ROA03		003		-48ROA03 015-000	UNIT	02-007-003			051-105-003	-5GOSLF0		039		-5GOSLF0 032-000	UNIT	06-169-039			034-169-003	-48ROCB		24		-48ROCB 067-000	UNIT	02-020-24		
.....J		017-011 JACK/UNIT					.....J		043-007 JACK/UNIT					.....J		069-072 JACK/UNIT													
069-072-41	-48VOA03		003		-48VOA03 015-000	UNIT	02-011-003			045-104-048	-5VOSLF2		033		-5VOSLF2 032-000	UNIT	06-173-033			034-173-003	-48ROBEZ		25		-48ROBEZ 067-000	UNIT	02-020-25		
069-072-43	-48VOLA3		008		-48VOLA3 015-000	UNIT	02-011-008			051-105-008	-5VOSLF0		039		-5VOSLF0 032-000	UNIT	06-173-039			043-173-008	-48VOLA2		24		-48VOLA2 067-000	UNIT	02-020-24		
.....J		017-169 JACK/UNIT					.....J		043-011 JACK/UNIT					.....J		069-072 JACK/UNIT													
069-072-50	-48ROB03		003		-48ROB03 015-000	UNIT	02-169-003			069-020-20	-48ROAE2		003		-48ROAE2 041-000	UNIT	02-007-003			034-023-008	-48VOHLI		35		-48VOHLI 067-000	UNIT	02-020-35		
.....J		017-173 JACK/UNIT					.....J		043-011 JACK/UNIT					.....J		069-072 JACK/UNIT													
069-072-51	-48VOB03		003		-48VOB03 015-000	UNIT	02-173-003			069-020-21	-48VOAE2		003		-48VOAE2 041-000	UNIT	02-011-003			015-020-5	-48ROF01		40		-48ROF01 067-000	UNIT	02-020-40		
069-072-53	-48VOLA3		008		-48VOLA3 015-000	UNIT	02-173-008			069-020-23	-48VOLA2		008		-48VOLA2 041-000	UNIT	02-011-008			015-020-8	-48VOF01		41		-48VOF01 067-000	UNIT	02-020-41		
.....J		019-105 JACK/UNIT					.....J		043-169 JACK/UNIT					.....J		069-072 JACK/UNIT													
034-173-017	-5VOSLF3		048		-5VOSLF3 015-000	UNIT	04-105-048			069-020-30	-48ROBEO		003		-48ROBEO 041-000	UNIT	02-169-003			015-056-5	-48ROF02		42		-48ROF02 067-000	UNIT	02-020-42		
034-169-017	-5GOSLF3		053		-5GOSLF3 015-000	UNIT	04-105-053			.....J		043-173 JACK/UNIT					.....J		069-072 JACK/UNIT										
.....J		026-007 JACK/UNIT					.....J		043-173 JACK/UNIT					.....J		069-072 JACK/UNIT													
069-072-20	-48ROA01		003		-48ROA01 015-000	UNIT	11-007-003			069-020-31	-48VOBEZ		003		-48VOBEZ 041-000	UNIT	02-173-003			015-056-6	-48ROF12		03		-48ROF12 067-000	UNIT	02-072-03		
.....J		026-011 JACK/UNIT					.....J		045-105 JACK/UNIT					.....J		069-072 JACK/UNIT													
069-072-21	-48VOA01		003		-48VOA01 015-000	UNIT	11-011-003			038-173-033	-5VOSLF2		048		-5VOSLF2 041-000	UNIT	04-105-048			015-112-4	-48ROF13		12		-48ROF13 067-000	UNIT	02-072-12		
069-072-23	-48VOLA1		008		-48VOLA1 015-000	UNIT	11-011-008			038-169-033	-5GOSLF2		053		-5GOSLF2 041-000	UNIT	04-105-053			015-112-6	-48VOF13		13		-48VOF13 067-000	UNIT	02-072-13		
.....J		026-105 JACK/UNIT					.....J		051-007 JACK/UNIT					.....J		069-072 JACK/UNIT													
034-169-023	-5GOSLF1		003		-5GOSLF1 015-000	UNIT	11-105-003			069-020-00	-48ROAEO		003		-48ROAEO 041-000	UNIT	10-007-003			026-007-003	-48ROA01		20		-48ROA01 067-000	UNIT	02-072-20		
034-173-023	-5VOSLF1		008		-5VOSLF1 015-000	UNIT	11-105-008			.....J		051-011 JACK/UNIT					.....J		069-072 JACK/UNIT										
.....J		026-169 JACK/UNIT					.....J		051-011 JACK/UNIT					.....J		069-072 JACK/UNIT													
069-072-30	-48ROB01		003		-48ROB01 015-000	UNIT	11-169-003			069-020-01	-48VOAEO		003		-48VOAEO 041-000	UNIT	10-011-003			026-011-003	-48VOA01		21		-48VOA01 067-000	UNIT	02-072-21		
.....J		026-173 JACK/UNIT					.....J		051-105 JACK/UNIT					.....J		069-072 JACK/UNIT													
069-072-31	-48VOB01		003		-48VOB01 015-000	UNIT	11-173-003			069-020-03	-48VOLA0		008		-48VOLA0 041-000	UNIT	10-011-008			026-011-008	-48VOA01		20		-48VOA01 067-000	UNIT	02-072-20		
069-072-33	-48VOLA1		008		-48VOLA1 015-000	UNIT	11-173-008			.....J		051-169 JACK/UNIT					.....J		069-072 JACK/UNIT										
.....J		034-019 JACK/UNIT					.....J		051-169 JACK/UNIT					.....J		069-072 JACK/UNIT													
069-020-14	-48ROCA		003		-48ROCA 032-000	UNIT	02-019-003			038-169-039	-5GOSLF0		003		-5GOSLF0 041-000	UNIT	10-105-003			026-173-008	-48VOLA1		23		-48VOLA1 067-000	UNIT	02-072-23		
.....J		034-019 JACK/UNIT					.....J		051-173 JACK/UNIT					.....J		069-072 JACK/UNIT													
069-020-11	-48VOBEO		003		-48VOBEO 041-000	UNIT	10-173-003			038-173-039	-5VOSLF0		008		-5VOSLF0 041-000	UNIT	10-105-008			017-007-003	-48ROA03		40		-48ROA03 067-000	UNIT	02-072-40		
069-020-13	-48VOLA0		008		-48VOLA0 041-000	UNIT	10-173-008			.....J		051-173 JACK/UNIT					.....J		069-072 JACK/UNIT										
.....J		034-019 JACK/UNIT					.....J		051-173 JACK/UNIT					.....J		069-072 JACK/UNIT													
069-020-11	-48VOBEO		003		-48VOBEO 041-000	UNIT	10-173-003			069-020-10	-48ROBEO		003		-48ROBEO 041-000	UNIT	10-169-003			017-011-008	-48VOLA3		43		-48VOLA3 067-000	UNIT	02-072-43		
069-020-13	-48VOLA0		008		-48VOLA0 041-000	UNIT	10-173-008			.....J		051-173 JACK/UNIT					.....J		069-072 JACK/UNIT										
.....J		034-019 JACK/UNIT					.....J		051-173 JACK/UNIT					.....J		069-072 JACK/UNIT													
069-020-11	-48VOBEO		003		-48VOBEO 041-000	UNIT	10-173-003			017-169-003	-48ROB03		50		-48ROB03 067-000	UNIT	02-072-50			017-173-003	-48VOB03		51		-48VOB03 067-000	UNIT	02-072-51		
069-020-13	-48VOLA0		008		-48VOLA0 041-000	UNIT	10-173-008			017-173-008	-48VOLA3		53		-48VOLA3 067-000	UNIT	02-072-53			017-173-008	-48VOLA3		53		-48VOLA3 067-000	UNIT	02-072-53		

CAD 018

FUSE ALARMS, 1 BAY

TO CONNECTION		FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J		168-002F LED							
168-186-2	1FALML	LH		1	1FALML				
168-137-207	1FALMC	LH		2	1FALMC				
.....J		168-137 JACK/UNIT							
168-002F-2	1FALMC	LH		207	1FALMC				
168-186-1	1FALMRTN	LH		212	1FALMRTN				

CAD 018 (CONT'D)										CAD 020 POWER CABLE, 1 BAY										CAD 020 (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				168-186	LED	.....				.....J				115-020	JACK/UNIT	.....				.....J					134-023	JACK/UNIT	.....			
168-002F-2	1FALML	LW		1	1FALML					169-166-00	-48R1F13			4	-48R1F13					169-114-15	-48V1CA				003	-48V1CA				
168-137-212	1FALMRTN	LW		2	1FALMRTN					169-114-40	-48R1F03			5	-48R1F03					169-114-35	-48V1HL1				008	-48V1HL1				
.....J				169-137	JACK/UNIT	.....				.....J				115-056	JACK/UNIT	.....				.....J					134-169	JACK/UNIT	.....			
136-008-145	1FALM			001	1FALM					169-166-02	-48R1F12			4	-48R1F12					169-114-24	-48R1CB				003	-48R1CB				
136-008-045	1FALMFN			002	1FALMFN					169-114-42	-48R1F02			5	-48R1F02					119-105-053	-5G1SLF3				017	-5G1SLF3				
	NC			003						169-166-03	-48V1F12			6	-48V1F12					126-105-003	-5G1SLF1				023	-5G1SLF1				
	NC			004						.....J				8	-48V1F02					.....J					134-173	JACK/UNIT	.....			
	NC			005						169-166-12	-48R1F11			4	-48R1F11					169-114-25	-48V1CB				003	-48V1CB				
	NC			006						169-114-52	-48R1F01			5	-48R1F01					119-105-048	-5V1SLF3				017	-5V1SLF3				
	NC			101						169-166-13	-48V1F11			6	-48V1F11					126-105-008	-5V1SLF1				023	-5V1SLF1				
	NC			102						169-114-53	-48V1F01			8	-48V1F01					.....J					138-169	JACK/UNIT	.....			
	NC			103						.....J				117-007	JACK/UNIT	.....				145-105-053	-5G1SLF2				033	-5G1SLF2				
	NC			104						.....J				003	-48R1A03					151-105-003	-5G1SLF0				039	-5G1SLF0				
	NC			105						.....J				117-011	JACK/UNIT	.....				.....J					138-173	JACK/UNIT	.....			
	NC			106						169-166-41	-48V1A03			003	-48V1A03					145-105-048	-5V1SLF2				033	-5V1SLF2				
.....J				136-008	JACK/UNIT	.....				169-166-43	-48V1LA3			008	-48V1LA3					151-105-008	-5V1SLF0				039	-5V1SLF0				
169-137-002	1FALMFN			045	1FALMFN					.....J				117-169	JACK/UNIT	.....				.....J					143-007	JACK/UNIT	.....			
	NC			046						169-166-50	-48R1B03			003	-48R1B03					169-114-20	-48R1AE2				003	-48R1AE2				
	NC			047						.....J				117-173	JACK/UNIT	.....				.....J					143-011	JACK/UNIT	.....			
169-137-145	1FALM			145	1FALM					169-166-51	-48V1B03			003	-48V1B03					169-114-21	-48V1AE2				003	-48V1AE2				
	NC			146						169-166-53	-48V1LB3			008	-48V1LB3					169-114-23	-48V1LA2				008	-48V1LA2				
	NC			147						.....J				119-105	JACK/UNIT	.....				.....J					143-169	JACK/UNIT	.....			
.....J				169-137	JACK/UNIT	.....				134-173-017	-5V1SLF3			048	-5V1SLF3					169-114-30	-48R1BE2				003	-48R1BE2				
169-137-204	1ALMUMP			201	1ALMUMP					134-169-017	-5G1SLF3			053	-5G1SLF3					.....J					143-173	JACK/UNIT	.....			
169-137-203	1FALMUMP			202	1FALMUMP					.....J				126-007	JACK/UNIT	.....				169-114-31	-48V1BE2				003	-48V1BE2				
169-137-202	1FALMUMP			203	1FALMUMP					.....J				003	-48R1A01					169-114-33	-48V1LB2				008	-48V1LB2				
169-137-201	1ALMUMP			204	1ALMUMP					.....J				126-011	JACK/UNIT	.....				.....J					145-105	JACK/UNIT	.....			
	NC			205						169-166-21	-48V1A01			003	-48V1A01					.....J					138-173-033	-5V1SLF2				
	NC			206						169-166-23	-48V1LA1			008	-48V1LA1					138-169-033	-5G1SLF2				053	-5G1SLF2				
	NC			301						.....J				126-105	JACK/UNIT	.....				.....J					151-007	JACK/UNIT	.....			
	NC			302						134-169-023	-5G1SLF1			003	-5G1SLF1					169-114-00	-48R1AE0				003	-48R1AE0				
	NC			303						134-173-023	-5V1SLF1			008	-5V1SLF1					.....J					151-011	JACK/UNIT	.....			
	NC			304						.....J				126-169	JACK/UNIT	.....				169-114-01	-48V1AE0				003	-48V1AE0				
	NC			305						169-166-30	-48R1B01			003	-48R1B01					169-114-03	-48V1LA0				008	-48V1LA0				
	NC			306						.....J				126-173	JACK/UNIT	.....				.....J					134-019	JACK/UNIT	.....			
										169-166-31	-48V1B01			003	-48V1B01					.....J					169-114-14	-48R1CA				
										169-166-33	-48V1LB1			008	-48V1LB1					.....J										
										.....J				134-019	JACK/UNIT	.....														
										169-114-14	-48R1CA			003	-48R1CA															

CAD 019  
POWER BUS, 1 BAY

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J				170-135	JACK/UNIT	.....			
TO POWER DISTRIBUTION B	-48B00 RTNB00	LW		-48 RTN	-48B00 RTNB00				
.....J				170-144	JACK/UNIT	.....			
TO POWER DISTRIBUTION B	-48B11 RTNB11	LW		-48 RTN	-48B11 RTNB11				

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 TIME MULTIPLEXED SWITCH CABINET  
 DWG SIZE 4B  
 AT&T BELL LABORATORIES SD-5D147-01 GB14

CAD 020  
(CONT'D)

TO CONNECTION		FROM CONNECTION		OPT	NOTE				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J				151-105	JACK/UNIT	.....			
138-169-039	-5G1SLF0			003	-5G1SLF0				
138-173-039	-5V1SLF0			008	-5V1SLF0				
.....J				151-169	JACK/UNIT	.....			
169-114-10	-48R1BE0			003	-48R1BE0				
.....J				151-173	JACK/UNIT	.....			
169-114-11	-48V1BE0			003	-48V1BE0				
169-114-13	-48V1LB0			008	-48V1LB0				
.....J				169-114	JACK/UNIT	.....			
151-007-003	-48R1AE0			00	-48R1AE0				
151-011-003	-48V1AE0			01	-48V1AE0				
151-011-008	-48V1LA0			03	-48V1LA0				
151-169-003	-48R1BE0			10	-48R1BE0				
151-173-003	-48V1BE0			11	-48V1BE0				
151-173-008	-48V1LB0			13	-48V1LB0				
134-019-003	-48R1CA			14	-48R1CA				
134-023-003	-48V1CA			15	-48V1CA				
143-007-003	-48R1AE2			20	-48R1AE2				
143-011-003	-48V1AE2			21	-48V1AE2				
143-011-008	-48V1LA2			23	-48V1LA2				
134-169-003	-48R1CB			24	-48R1CB				
134-173-003	-48V1CB			25	-48V1CB				
143-169-003	-48R1BE2			30	-48R1BE2				
143-173-003	-48V1BE2			31	-48V1BE2				
143-173-008	-48V1LB2			33	-48V1LB2				
134-023-008	-48V1ML1			35	-48V1ML1				
114-020-5	-48R1F03			40	-48R1F03				
114-020-8	-48V1F03			41	-48V1F03				
114-056-5	-48R1F02			42	-48R1F02				
114-056-8	-48V1F02			43	-48V1F02				
114-112-5	-48R1F01			52	-48R1F01				
114-112-8	-48V1F01			53	-48V1F01				
.....J				169-166	JACK/UNIT	.....			
114-020-4	-48R1F13			00	-48R1F13				
114-020-6	-48V1F13			01	-48V1F13				
114-056-4	-48R1F12			02	-48R1F12				
114-056-6	-48V1F12			03	-48V1F12				
114-112-4	-48R1F11			12	-48R1F11				
114-112-6	-48V1F11			13	-48V1F11				
126-007-003	-48R1AD1			20	-48R1AD1				
126-011-003	-48V1AD1			21	-48V1AD1				
126-011-008	-48V1LA1			23	-48V1LA1				
126-169-003	-48R1B01			30	-48R1B01				
126-173-003	-48V1B01			31	-48V1B01				
126-173-008	-48V1LB1			33	-48V1LB1				
117-007-003	-48R1A03			40	-48R1A03				
117-011-003	-48V1A03			41	-48V1A03				
117-011-008	-48V1LA3			43	-48V1LA3				
117-169-003	-48R1B03			50	-48R1B03				
117-173-003	-48V1B03			51	-48V1B03				
117-173-008	-48V1LB3			53	-48V1LB3				

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