

ENGINEERING NOTES

***** CONTINUED *****

77. GROUP 106, CABLE FROM TELECOM SERVER MITEL S-LINE CARD TO THE NT1D-300 NETWORK TERMINATION RACK UNIT, T-INTERFACE JACKS. EACH TS UNIT CAN CONTAIN 1, 3, OR 5 BRI CARDS. EACH BRI CARD CONTAINS EIGHT (8) BRI CIRCUITS(T-INTERFACE), EACH OF WHICH IS CONNECTED THROUGH AN RJ45 PLUG TO THE FRONT OF THE NT1 EQUIPMENT. THE NT1 EQUIPMENT RACKS EACH CONTAIN 12 NT1 CIRCUITS. THE RJ45 PLUGS ARE CONNECTED TO CIRCUITS 1-8 ON THE NT1 RACK THEN THE NEXT CABLE IS CONNECTED TO CIRCUITS 9-12, AND 9-12 ON THE NEXT NT1 RACK. EACH CABLE HAS A 50 PIN CONNECTOR(CONN 1) ON THE BRI CARD END, AND AT THE NT1 END SPLITS INTO 8 RJ45 PLUGS(CONNS 2-9). EIGHT (8) BRI T-INTERFACE CIRCUITS PER CARD, ONE (1) CABLE PER CARD.
- A. SPECIFY THE CABINET OF THE TELECOM SERVER (ATSCO OR ATSC1 ONLY).
 - B. SPECIFY THE TS UNIT AND THE VERTICAL EQL. SEE TABLE 1 IN ENGINEERING NOTE 74 FOR THE POSSIBLE LOCATIONS.
 - C. SPECIFY THE CARD SLOT IN THE TS UNIT. (E06,E07,E08,E09, OR E10 ONLY)
 - D. SPECIFY THE NT1 CABINET. (ALWAYS ANTC)
 - E. SPECIFY THE NT1 RACK UNIT(S) AND THE VERTICAL EQL(S). SEE TABLE BA IN ED1S020-60 OR TABLE 2 BELOW FOR POSSIBLE TS UNIT AND NT1 RACK COMBINATIONS IN ORDER TO MAINTAIN MAXIMUM RELIABILITY BY ASSIGNING THE NT1 TO THE SAME POWER BUS AS THE TELECOM SERVER.
 - F. SPECIFY THE CIRCUITS IN THE NT1 RACK UNIT(S). THESE ARE NUMBERED 1-12 ON THE NT1D-300. THERE ARE 2 CIRCUIT PORT CONNECTIONS AVAILABLE FOR EACH OF THE 12 NT1 CIRCUITS, "A" & "B". ALWAYS USE CIRCUIT PORT "A", THE "B" PORT WILL REMAIN UNUSED.

TABLE 2:
POWER BUS ASSOCIATIONS

POWER BUS	TS UNITS	NT1 RACK UNITS
A	0,2,4,6,8	0,1,2,3,8,9,10
B	1,3,5,7,9	4,5,6,7,11,12,13

SEE TABLE 3, BELOW FOR EXAMPLES OF SPECIFYING THE EQL INFORMATION FOR GROUP 106 CABLES.

TABLE 3: EXAMPLES OF G106 CABLE EQLS

CONN 1 EQL INFO			RJ45 CONNS EQL INFO			
CABINET	UNIT/VEQL	SLOT	CONN NO.	CABINET	UNIT/VEQL	PORT
ATSCO	TSO/011	E06	2	ANTCO	NTO/008	1A
			3			2A
			4			3A
			5			4A
			6			5A
			7			6A
			8			7A
			9			8A
			ATSCO			TSO/011
3	10A					
4	11A					
5	12A					
6	9A					
7	10A					
8	11A					
9	12A					
ATSCO	TSO/011	E08		2	ANTCO	
			3	2A		

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ENGINEERING NOTES

***** CONTINUED *****

70. MAXIMUM CABLE LENGTHS SHALL NOT EXCEED 50-FEET FOR PROPER OPERATION. IF LENGTHS GREATER ARE NEEDED, USER WILL NEED TO PROVIDE A DEVICE (MODEM,RS232 LINEDRIVERS, ETC.) TO INCREASE ELECTRICAL LENGTHS OF CABLES TO INSURE PROPER OPERATION OF EQUIPMENT.
71. MAXIMUM COMBINED TOTAL LENGTHS OF THESE CABLES SHALL NOT EXCEED LENGTH OF 50-FEET FOR GROUPS 6 & 7, 6 & 7A, 6 & 35.
72. FOR SOFTWARE RELEASE 6:
PROVIDE 4-CABLES PER SCN/SCP CONFIGURATION, GROUP 20 FROM ED DRAWING ED1S002-16, ISSUE 2.
PROVIDE 2-CABLES PER SCN/SCP CONFIGURATION, GROUP 21 FROM ED DRAWING ED1S002-16, ISSUE 2.
- FOR SOFTWARE RELEASE 7 AND UP:
PROVIDE 1-CABLE PER SCN/SCP CONFIGURATION, FOR BOTH GROUPS 20 AND 21 FROM ED DRAWING ED1S002-16, ISSUE 2.
73. WHEN ORDERING FROM ED1S002-22, GROUPS 103,104,105,106, OR 107 THE ENGINEER MUST SPECIFY ON THE ORDER THE CABLE EQL INFORMATION.
74. GROUP 103, CABLE FROM TELECOM SERVER DIALOGIC VT1 CARD TO THE DF/DSX. ONE (1) T1 CIRCUIT PER CARD, ONE (1) CABLE PER CARD.
- A. SPECIFY THE CABINET OF THE TELECOM SERVER-ATSCO OR ATSC1.
 - B. SPECIFY THE TS UNIT AND THE VERTICAL EQL. SEE TABLE 1 BELOW FOR THE POSSIBLE LOCATIONS.
 - C. SPECIFY THE CARD SLOT IN THE TS UNIT. (E1 - E12).

EXAMPLES OF GROUP 103 EQL INFORMATION.

CONN 1 END	DF END
ATSCO-TSO/011-E01	CKT 0
ATSCO-TSO/011-E11	CKT 1
ATSCO-TSO/011-E12	CKT 2
ATSCO-TS1/020-E01	CKT 0

TABLE 1: TELECOM SERVERS AND CORRESPONDING VERTICAL EQL INFORMATION.

ATSCO POSSIBLE TS UNITS	CORRESPONDING VERTICAL EQL	ATSC1 POSSIBLE TS UNITS
0	011	5
1	020	6
2	029	7
3	038	8
4	047	9

75. GROUP 104, CABLE FROM TELECOM SERVER MITEL S-LINE CARD TO THE DISTRIBUTION FRAME. EIGHT (8) BRI 4 WIRE CIRCUITS PER CARD (T-INTERFACE), ONE (1) CABLE PER CABLE. WITH 1,3, OR 5 BRI CARDS CAN BE USED. EIGHT BRI(4 WIRE) CIRCUITS PER CARD, ONE CABLE PER CARD.
- A. SPECIFY THE CABINET OF THE TELECOM SERVER (ATSCO OR ATSC1 ONLY).
 - B. SPECIFY THE TS UNIT AND THE VERTICAL EQL. SEE TABLE 1 ABOVE FOR THE POSSIBLE LOCATIONS.
 - C. SPECIFY THE CARD SLOT IN THE TS UNIT. (E06,E07,E08,E09, OR E10 ONLY).

EXAMPLES OF GROUP 104 CABLE EQL INFORMATION.

CONN 1 END	DF END
ATSCO-TSO/011-E06	CKTS 0-7
ATSCO-TSO/011-E07	CKTS 8-15
ATSCO-TSO/011-E08	CKTS 16-23
ATSCO-TS1/020-E06	CKTS 0-7

76. GROUP 105, CABLE FROM TELECOM SERVER LUCENT AYC52-T1 CARD TO THE DF/DSX. FIVE (5) T1 CIRCUITS PER CARD, ONE (1) CABLE PER CARD.
- A. SPECIFY THE CABINET OF THE TELECOM SERVER (ATSCO OR ATSC1 ONLY).
 - B. SPECIFY THE TS UNIT AND THE VERTICAL EQL. SEE TABLE 1 ABOVE FOR THE POSSIBLE LOCATIONS.
 - C. SPECIFY THE CARD SLOT IN THE TS UNIT. (ALWAYS E01)

EXAMPLES OF THE GROUP 105 CABLE EQL INFORMATION.

CONN 1 END	DF END
ATSCO-TSO/011-E01	CKTS 0-4
ATSCO-TS1/020-E01	CKTS 0-4

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ENGINEERING NOTES

***** CONTINUED *****

60. RACK UNITS DATA SERVICE UNIT [DSU] AND/OR MODEM HOUSINGS) ARE OPTIONAL AND WHEN SUPPLIED BY LUCENT TECHNOLOGIES, INC., TWO RACK UNITS ARE FURNISHED IN THE SCN"SCP MISCELLANEOUS CABINET (MC). THESE UNITS ARE REFERRED TO AS UPPER AND LOWER (PHYSICAL LOCATION IN MC). EACH UNIT HAS SIXTEEN (16) DSU/MODEM SLOTS WHICH ARE FIXED ASSIGNED FOR MAXIMUM RELIABILITY. THE ASSIGNMENTS ARE AS FOLLOWS: (SOFTWARE RELEASE 6 ONLY)

UPPER RACK UNIT			LOWER RACK UNIT		
SLOT	USAGE		SLOT	USAGE	
01	X.25 L2	"SMS 1"	01	X.25 L1	"SMS 0"
02	X.25 L4	"USER"	02	X.25 L3	"USER"
03	V.35/SS7	"L2"	03	V.35/SS7	"L1"
04	V.35/SS7	"L6"	04	V.35/SS7	"L5"
05	RS232	"SCCS"- CNSLO	05	RS232	"SCCS"- CNSL1
06	RS232	"SCCS"- SCCCI	06	RS232	"SCCS"- SCC
07		"USER"	07		"USER"
08		"USER"	08		"USER"
09	X.25 L6	"SEAS 1"	09	X.25 L5	"SEAS 0"
10	X.25 L8	"USER"	10	X.25 L7	"USER"
11	V.35/SS7	"L4"	11	V.35/SS7	"L3"
12	V.35/SS7	"L8"	12	V.35/SS7	"L7"
13	RS232	"SCCS"- EAI	13	RS232	"SCCS"- RMT
14		"USER"	14		"USER"
15		"USER"	15		"USER"
16		"USER"	16		"USER"

61. TABLE "B" THROUGH "E" PROVIDE STAMPING INFORMATION AND RECOMMENDED CABLE LENGTHS FOR SPECIFIC INTER-CABINET CABLES WHEN THE SCN/SCP IS CONFIGURED IN A STANDARD FLOOR PLAN ARRANGEMENT. FOR THOSE GROUPS NOT COVERED IN THE TABLES, STAMPING INFORMATION IS PROVIDED ON THEIR ASSOCIATED MANUFACTURING DRAWINGS.

62. THE SCN AND SCP ADVANTAGE CONTROL SERVER SUPPORTS A MAXIMUM OF THIRTY-TWO (32) "RS232" PORTS FOR SOFTWARE RELEASE 6. FOR SOFTWARE RELEASE 7 ONLY TWENTY-FOUR (24) "RS232" PORTS ARE SUPPORTED. PORTS 0 AND 16 ARE UNAVAILABLE FOR USE. SPECIFIC PORTS ARE FIXED ASSIGNED FOR USE BY THE UNAVAILABLE FOR USE. SPECIFIC PORTS ARE FIXED ASSIGNED FOR USE BY THE APPLICATION WHILE OTHERS ARE RESERVED FOR CUSTOMER USE AND ARE DEFINED AS "USER".

SEE SD-1S007-01 (SCN) AND SD-1S008-01 (SCP) FOR FIXED ASSIGNED AND USER DEFINED PORTS.

63. THE SCN AND SCP ADVANTAGE CONTROL SERVER(ACS) SUPPORT A MAXIMUM OF EIGHT (8) "X.25" LINKS FOR SOFTWARE RELEASE 6 AND UP. SPECIFIC LINKS ARE FIXED ASSIGNED FOR USE BY THE APPLICATION WHILE OTHERS ARE RESERVED FOR CUSTOMER USE AND ARE DEFINED AS "USER".

SEE SD-1S007-01 (SCN) AND SD-1S008-01 (SCP) FOR FIXED ASSIGNED AND USER DEFINED PORTS.

64. THE SCN ACS SUPPORTS A MAXIMUM OF FOUR (4) "V.35/SS7" LINKS AND THE SCP ACS SUPPORTS A MAXIMUM OF EIGHT (8) FOR SOFTWARE RELEASE 6 AND UP. SS7 LINKS ARE FIXED ASSIGNED BY EACH APPLICATION FOR USE WHILE OTHERS ARE RESERVED FOR CUSTOMER USE AND ARE DEFINED AS "USER".

SEE SD-1S007-01 (SCN) AND SD-1S008-01 (SCP) FOR FIXED ASSIGNED AND USER DEFINED PORTS.

65. THESE CABLES ARE ONLY ORDERABLE IN 50 FOOT LENGTHS. 50 FEET IS THE MAXIMUM FOR THIS CABLE.

66. FOR SOFTWARE REL 6 PROVIDE THIS CABLE WHEN AMCO IS EQUIPPED WITH PDU AND OR RACK UNITS AND OR 1KVA INVERTER. FOR SOFTWARE REL 7 AND UP PROVIDE THIS CABLE WHEN AMCO IS EQUIPPED WITH PDU AND OR RACK UNITS.

67. FOR SOFTWARE RELEASE 7 AND UP X.25 AND THE V.35/SS7 CABLES ASSIGNED IN THE FIELD TO THE RACK UNIT SLOTS BY THE CUSTOMER.

68. THIS CONNECTORIZED CABLE ASSEMBLY IS USED ONLY ON SOFTWARE RELEASE_6 ONLY.

69. THIS CONNECTORIZED CABLE ASSEMBLY IS USED ONLY IN SOFTWARE RELEASE_7 AND UP.

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ADVANCED NETWORK SERVICES
INTERCABINET CABLING
FOR A SERVICE NODE OR
SERVICE CONTROL POINT

DWG SIZE C2 ISSUE 3

TABLE A-FEATURES											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA						SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
"SIGNAL DISTRIBUTOR" CABLE ASSEMBLY ALWAYS REQUIRED FOR AN SCN/SCP. PROVIDE ONE GROUP 1 PER SCN/SCP. "X-DIM" (ARU - DF)	59		1								
"SCAN POINT" CABLE ASSEMBLY ALWAYS REQUIRED FOR AN SCN/SCP. PROVIDE ONE GROUP 2 PER SCN/SCP. "X-DIM" (ARU - DF)	59		2								
"SCAN POINT" CABLE ASSEMBLY ALWAYS REQUIRED IN SCN/SCP. PROVIDE ONE GROUP 2A PER SCN/SCP. FOR SOFTWARE REL_6 OR EARLIER. "X-DIM" (DF - AMCO)	66		2A								
"SCAN POINT" CABLE ASSEMBLY REQUIRED WHEN A GLOBAL POWER DISTRIBUTION UNIT (GPDU) IS FURNISHED IN AND AMC. SOFTWARE RELEASE_7 OR LATER. PROVIDE ONE GROUP 2B PER SCN/SCP. "X-DIM" (GPDU TO DF)	66		2B								
"SCAN POINT" CABLE ASSEMBLY REQUIRED WHEN A PARADYNE CARRIER UNIT (PCU) IS FURNISHED IN AN AMC. SOFTWARE RELEASE_7 OR LATER. PROVIDE ONE GROUP 2C PER PCU. MAX QTY. 2 GROUPS PER (SCN/SCP). "X-DIM" (PCU TO DF) MODEM RACK 0 ALARMS.			2C								
"SCAN POINT" CABLE ASSEMBLY REQUIRED WHEN A PARADYNE CARRIER UNIT (PCU) IS FURNISHED IN AN AMC. SOFTWARE RELEASE_7 OR LATER. PROVIDE ONE GROUP 2D PER PCU. MAX QTY. 2 GROUPS PER (SCN/SCP). "X-DIM" (PCU TO DF) MODEM RACK 1 ALARMS.			2D								
"SCAN POINT" CABLE ASSEMBLY REQUIRED WHEN A PARADYNE CARRIER UNIT (PCU) IS FURNISHED IN AN AMC. SOFTWARE RELEASE_7 OR LATER. PROVIDE ONE GROUP 2E PER PCU. MAX QTY. 2 GROUPS PER (SCN/SCP). "X-DIM" (PCU TO DF) MODEM RACK 2 ALARMS.			2E								
"ALARM RELAY UNIT" CABLE ASSEMBLY ALWAYS REQUIRED FOR A SCN/SCP. PROVIDE ONE GROUP 3 PER SCN/SCP. SEE TABLE "B" "X-DIM, 50-FT MAX" (RCU - ARU)	61 62 63		3								
"LOCAL MAINTENANCE TERMINAL" CABLE ASSEMBLY ALWAYS REQUIRED FOR AN SCN/SCP. IF USING (615MT/2900 TERMINALS). PROVIDE ONE GROUP 4 PER SCN/SCP. SEE TABLE "B". "X-DIM, 50-FT MAX" (RCU - LMT)	61 62 63		4								
"LOCAL MAINTENANCE TERMINAL" CABLE ASSEMBLY ALWAYS REQUIRED FOR AN SCN/SCP. IF USING (3530 TERMINALS). PROVIDE ONE GROUP 4A PER SCN/SCP. SEE TABLE "B". "X-DIM, 50-FT MAX" (RCU - LMT)	61 62 63		4A								
"PRINTER" CABLE ASSEMBLY ALWAYS REQUIRED FOR AN SCN/SCP. PROVIDE ONE GROUP 5 PER SCN/SCP. SEE TABLE "B" "X-DIM, 50-FT MAX" (RCU - PRTR)	62 63		5								

TABLE-A CONTINUED

ENGINEERING NOTES											
***** CONTINUED *****											
		4	3A								
		5	4A								
		6	5A								
		7	6A								
		8	7A								
		9	8A								
<p>78. GROUP 107, CABLE FROM NT1D-300 U-INTERFACE RECEPTACLE TO THE DISTRIBUTION FRAME. EACH NT1D-300 RACK UNIT HAS A 50 PIN CONNECTOR ON THE REAR FOR MAKING THE 12 LINE CONNECTIONS. TWELVE (2 WIRE) CIRCUITS PER RACK UNIT, ONE CABLE PER RACK UNIT.</p> <p>A. SPECIFY THE CABINET (ANTC).</p> <p>B. SPECIFY THE NT1 RACK UNIT AND THE VERTICAL EQL. (SEE TABLE 4 FOR THE POSSIBLE NT1 UNIT AND CORRESPONDING EQL INFORMATION).</p> <p>C. SPECIFY THE PORT. (ALWAYS "LINE")</p> <p>EXAMPLES OF GROUP 107 CABLE EQL INFORMATION.</p> <table style="margin-left: 40px;"> <tr> <td>CONN 1 END</td> <td>DF END</td> </tr> <tr> <td>-----</td> <td>-----</td> </tr> <tr> <td>ANTC-NT0/008-LINE</td> <td>CKTS 0-11</td> </tr> <tr> <td>ANTC-NT1/012-LINE</td> <td>CKTS 0-11</td> </tr> </table>				CONN 1 END	DF END	-----	-----	ANTC-NT0/008-LINE	CKTS 0-11	ANTC-NT1/012-LINE	CKTS 0-11
CONN 1 END	DF END										
-----	-----										
ANTC-NT0/008-LINE	CKTS 0-11										
ANTC-NT1/012-LINE	CKTS 0-11										
TABLE 4: POSSIBLE NT RACK UNITS AND CORRESPONDING VEQL											
	NT RACK UNIT	VERTICAL EQL									
	0	008									
	1	012									
	2	016									
	3	020									
	4	024									
	5	028									
	6	032									
	7	036									
	8	044									
	9	048									
	10	052									
	11	056									
	12	060									
	13	064									

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RT13

ADVANCED NETWORK SERVICES
INTERCABINET CABLING
FOR A SERVICE NODE OR
SERVICE CONTROL POINT

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ED1S002-22

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TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
"CONSOLE 0 AND CONSOLE 1" CABLE ASSEMBLIES ALWAYS REQUIRED FOR AN SCN/SCP. PROVIDE ONE GROUP 6 PER SCN/SCP. "X-DIM, 7-FT MAX" (CCS - SPLITTERS)			6								
"CONSOLE 0 AND CONSOLE 1" CABLE ASSEMBLIES ALWAYS REQUIRED FOR AN SCN/SCP, IF USING (615MT/2900 TERMINALS). PROVIDE ONE GROUP 7 PER SCN/SCP. SEE TABLE "B". "X-DIM, 43-FT MAX" (SPLITTERS - CONSOLES)	68		7								
"CONSOLE 0 AND CONSOLE 1" CABLE ASSEMBLIES ALWAYS REQUIRED FOR AN SCN/SCP, IF USING (3530 TERMINALS). PROVIDE ONE GROUP 7A PER SCN/SCP. SEE TABLE "B". "X-DIM, 43-FT MAX" (SPLITTERS - CONSOLES)	69		7A								
"EMERGENCY ACTION INTERFACE TERMINAL" (EAIT) CABLE ASSEMBLY REQUIRED FOR AN SCN/SCP. IF USING (615MT/2900 TERMINALS). PROVIDE ONE GROUP 8 PER SCN/SCP. SEE TABLE "B". "X-DIM, 50-FT MAX" (RCU - EAI TERMINAL)			8								
"EMERGENCY ACTION INTERFACE TERMINAL" (EAIT) CABLE ASSEMBLY REQUIRED FOR AN SCN/SCP. IF USING (3530 TERMINALS). PROVIDE ONE GROUP 8A PER SCN/SCP. SEE TABLE "B". "X-DIM, 50-FT MAX" (RCU - EAI TERMINAL)			8A								
"XMT & RCV" CABLE ASSEMBLIES REQUIRED WHEN AN SCN/SCP IS CONFIGURED WITH RACK UNITS. PROVIDE ONE GROUP 20 PER SCN/SCP. "X-DIM" (RACK UNITS - DF) DA EFP:05/24/97 FE:ED1S002-22,G21		DA	20								
"XMT & RCV" CABLE ASSEMBLIES REQUIRED WHEN AN SCN/SCP IS CONFIGURED WITH RACK UNITS. PROVIDE ONE GROUP 21 PER SCN/SCP. (2-CABLES REQUIRED PER PSU) "X-DIM" (RACK UNITS - DF) REPL:ED1S002-22,G20			21								
REMOTE "EMERGENCY ACTION INTERFACE" REMOTE (EAI) CABLE ASSEMBLY REQUIRED WHEN THE SCCS OPERATING SYSTEM (OS) IS REQUIRED. PROVIDE ONE GROUP 30 PER SCN/SCP. SEE TABLE "B". "X-DIM, 50-FT MAX" (RCU - RACK UNIT)			30								
REMOTE "CONSOLE 0 AND CONSOLE 1" CABLE ASSEMBLY REQUIRED WHEN THE SCCS OPERATING SYSTEM (OS) IS REQUIRED. PROVIDE ONE GROUP 35 PER SCN/SCP. SEE TABLE "B". "X-DIM, 43-FT MAX" (SPLITTERS - RACK UNITS)			35								

TABLE-A CONTINUED

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
"RS232" CABLE ASSEMBLIES REQUIRED WHEN SCN/SCP IS CONFIGURED WITH OPERATING SYSTEM (OS) AND/OR USER LINKS. PROVIDE ONE GROUP 40 AS REQUIRED PER SCN/SCP. SEE TABLE "C". "X-DIM, 50-FT MAX" (RCU - RACK UNITS)	60 61 62 63 66		40								
"RS232" CABLE ASSEMBLY, SAME AS GROUP 40, BUT CAN BE ORDERED OUT AS A "SINGLE" CABLE GROUP. PROVIDE ONE GROUP 41 AS REQUIRED PER SCN/SCP. SEE TABLE "C". "X-DIM, 50-FT MAX" (RCU - RACK UNITS)	60 61 62 66		41								
"X.25,V.35/SS7" CABLE ASSEMBLIES REQUIRED WHEN THE SCN/SCP IS CONFIGURED WITH OPERATING SYSTEM (OS) AND/OR USER LINKS. PROVIDE ONE GROUP 51 AS REQUIRED PER SCN/SCP. SEE TABLE "D" FOR SOFTWARE RELEASE_6 AND SEE TABLE "D1" FOR SOFTWARE RELEASE_7 AND UP. "50-FT" (V.35 - RACK UNITS)	61 62 64 65		51								
"STANDARD LENGTH X.25,V.35/SS7" CABLE ASSEMBLIES REQUIRED WHEN THE SCN/SCP IS CONFIGURED WITH OPERATING SYSTEM (OS) AND/OR USER LINKS. SEE TABLE "D" FOR SOFTWARE RELEASE_6 AND RELEASE_7 AND UP. ORDER ONE LINK WHEN USING THE STANDARD FLOOR PLAN WITH LUCENT SUPPLIED MODEMS IN THE AMCO CABINET. PROVIDE ONE GROUP 51A AS REQUIRED PER SCN/SCP. "THIS CABLE IS USED FOR EMC COMPLIANCE". "20-FT" (V.35 - RACK UNITS)	61 62 64 65		51A								
"NETWORK TIMING" CABLE ASSEMBLIES ALWAYS REQUIRED FOR AN SCN. PROVIDE ONE GROUP 90 PER SCN. "X-DIM" (SFC MCTU2 - DF)	58 68		90								
"ETHERNET" CABLE ASSEMBLIES ALWAYS REQUIRED FOR AN SCN. PROVIDE ONE GROUP 91A PER SCN. SEE TABLE "E". "X-DIM" (TRANCIEVERS - CSCC 0, CSCC 0 - SFC)	68		91A								
"ETHERNET" CABLE ASSEMBLIES REQUIRED FOR AN SCN CONFIGURED WITH COMMON SERVICE CIRCUIT CABINET (CSCC) 1. PROVIDE ONE GROUP 91B PER SCN. SEE TABLE "E". "X-DIM" (SFC - CSCC 1)	68		91B								
"OUTPUT MESSAGE" CABLE ASSEMBLIES ALWAYS REQUIRED FOR AN SCN. PROVIDE ONE GROUP 92 PER SCN. SEE TABLE "E". "X-DIM" (RCU - SFC)	64 68		92								

TABLE-A CONTINUED

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ADVANCED NETWORK SERVICES
INTERCABINET CABLING
FOR A SERVICE NODE OR
SERVICE CONTROL POINT

DWG SIZE
C2

ISSUE
3

ED1S002-22

LUCENT TECHNOLOGIES INC ED1S002-22

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TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
"RESET" CABLE ASSEMBLIES REQUIRED FOR AN SCN CONFIGURED WITH COMMON SERVICE CIRCUIT CABINET (CSCC 0). PROVIDE ONE GROUP 93 PER SCN. SEE TABLE "E". "X-DIM" (RCU - CSCC 0)	64 68		93								
"RESET" CABLE ASSEMBLIES REQUIRED FOR AN SCN CONFIGURED WITH COMMON SERVICE CIRCUIT (CSCC 1). PROVIDE ONE GROUP 94 PER SCN. SEE TABLE "E". "X-DIM" (RCU - CSCC 1)	64 68		94								
"XMT & RCV" CABLE ASSEMBLIES REQUIRED WHEN AN SCN IS CONFIGURED WITH A DIGITAL LINE AND TRUNK UNIT 2 (DLTU2). PROVIDE ONE GROUP 95 PER SCN WHEN CABLE LENGTH IS BETWEEN 1 AND 440 FEET. SEE GROUP 96. "X-DIM" (SFC DLTU2 - DF)	68		95								
"XMT & RCV" CABLE ASSEMBLIES REQUIRED WHEN AN SCN IS CONFIGURED WITH A DIGITAL LINE AND TRUNK UNIT 2 (DLTU2). PROVIDE ONE GROUP 96 PER SCN WHEN CABLE LENGTH IS BETWEEN 441 AND 660 FEET. SEE GROUP 95. "X-DIM" (SFC DLTU2 - DF)	68		96								
"T,R,T1,R1" CABLE ASSEMBLY ALWAYS REQUIRED WHEN AN SCN IS CONFIGURED WITH BASIC RATE INTERFACE (BRI) LINES. PROVIDE ONE GROUP 97 PER ISLU (MAX2) "X-DIM" (LUC ISLU - DF)	68		97								
"T,R,T1,R1" CABLE ASSEMBLIES REQUIRED WHEN AN SCN IS CONFIGURED FOR INTERNATIONAL APPLICATIONS USING ISLU 2S CONFIGURED WITH 963T CONNECTORS. PROVIDE ONE GROUP 98 PER ISLU (MAX2) "X-DIM" (LUC ISLU - DF)	68		98								
"T,R,T1,R1" CABLE ASSEMBLIES REQUIRED WHEN AN SCN IS CONFIGURED FOR INTERNATIONAL APPLICATIONS USING ISLU 2S CONFIGURED WITH AMP CONNECTORS. PROVIDE ONE GROUP 99 PER ISLU (MAX2) "X-DIM" (LUC ISLU - DF)	68		99								
T1 CABLE ASSEMBLY REQUIRED WHEN SCN IS CONFIGURED WITH DIALOGIC T1 CIRCUIT PACK (VT1). ONE CABLE PER CIRCUIT PACK. REFER TO SD DRAWING FOR WIRING CONNECTION INFORMATION. "X-DIM" (ATSC - DF/DSX)			103								
BRI T-INTERFACE CABLE ASSEMBLY REQUIRED WHEN SCN IS CONFIGURED WITH MITEL BRI CIRCUIT PACK. ONE CABLE PER CIRCUIT PACK. REFER TO SD DRAWING FOR WIRING CONNECTION INFORMATION. "X-DIM" (ATSC - DF)			104								
T1 INTERFACE CABLE ASSEMBLY REQUIRED WHEN SCN IS CONFIGURED WITH AYCS2-T1 CIRCUIT PACK. ONE CABLE PER CIRCUIT PACK. REFER TO SD DRAWING FOR WIRING CONNECTION INFORMATION. "X-DIM" (ATSC - DF/DSX).			105								

TABLE-A CONTINUED

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
BRI TO NT1 CONNECTORIZED T-INTERFACE CABLE ASSEMBLY REQUIRED WHEN SCN IS CONFIGURED WITH MITEL BRI CIRCUIT PACK AND NT1D-300 NETWORK TERMINATION RACK IN ANTC CABINET. ONE CABLE PER MITEL BRI CIRCUIT PACK. "30-FOOT" (ACSC - ANTC)			106								
NT1 U-INTERFACE CABLE ASSEMBLY REQUIRED WHEN SCN IS CONFIGURED WITH NT1D-300 NETWORK TERMINATION RACK. ONE CABLE PER NT1D-300 NETWORK TERMINATION RACK. REFER TO SD DRAWING FOR WIRING CONNECTION INFORMATION. "X-DIM" (ANTC - DF)			107								

END OF TABLE-A

SEE PROPRIETARY NOTICE ON SHEET ONE

RT13

ADVANCED NETWORK SERVICES
INTERCABINET CABLING
FOR A SERVICE NODE OR
SERVICE CONTROL POINT

DWG SIZE
C2

ISSUE
3

ED1S002-22

LUCENT TECHNOLOGIES INC ED1S002-22

SHEET A5
OF 13

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CONNECTORIZED CABLING

ITEM	LIST OR GROUP	NBR RECD	CABLE IDENT	CABLE CODE	B DIM	FROM						TO						ROUTE	SHLD	NOTE	REMARKS
						FRAME OR UNIT	EQL	TERM	POS	DROP LGTH	WIRING DIAGRAM	FIGURE	FRAME OR UNIT	EQL	TERM	POS	DROP LGTH				
100	1	1	KQ30	807A	X-DIM	ARU-(ACSC)			L	SEE TBL BA			DF					3	58	FORM PER ED1S002-16 G 40 (25 PIN SKT)	
110	2	1	KQ31	800A	X-DIM	ARU-(ACSC)			L	SEE TBL BA			DF					3	60	FORM PER ED1S002-16 G 41 (37 PIN SKT)	
115	2A	1	-	253AS	X-DIM	DF-ARU							AMCO-PDU, PCU'S, INVERT					3			
116	2B	1	KQ50	286AS	X-DIM	AMCO	069-000	P7					DF					3		FORM PER ED1S002-16 G 95	
117	2C	1	KQ47	286AS	X-DIM	AMCO	MRO/041	ALM A/P2, ALM B/P4					DF	RACK		0		3		FORM PER ED1S002-16 G 92	
118	2D	1	KQ48	286AS	X-DIM	AMCO	MRO/029	ALM A/P2, ALM B/P4					DF	RACK		1		3		FORM PER ED1S002-16 G 93	
119	2E	1	KQ49	286AS	X-DIM	AMCO	MRO/029	ALM A/P2, ALM B/P4					DF	RACK		2		3		FORM PER ED1S002-16 G 94	
120	3	1	-	286AS	X-DIM	ACSC	063-006	OUT 2					ACSC	ARU				3	70	FORM PER ED1S002-16 G 42 MAXIMUM LENGTH SHALL NOT EXCEED 50 FT.	
130	4	1	-	286AS	X-DIM	ACSC	063-006	OUT 1					LMT		615 MT			3	70	FORM PER ED1S002-16 G 43 MAXIMUM LENGTH SHALL NOT EXCEED 50 FT.	
135	4A	1	-	286AS	X-DIM	ACSC	063-006	OUT 1					LMT		3530			3	70	FORM PER ED1S002-16 G 46 MAXIMUM LENGTH SHALL NOT EXCEED 50 FT.	
140	5	1	-	286AS	X-DIM	ACSC	063-006	OUT 3					ROP					3	70	FORM PER ED1S002-16 G 44 MAXIMUM LENGTH SHALL NOT EXCEED 50 FT.	
150	6	1	-	286AS	X-DIM	ACSC-CCO	011-COM1						ACSC-SPLTR A			MST		3	71	FORM PER ED1S002-16 G 31 MAXIMUM LENGTH SHALL NOT EXCEED 7 FT.	
160	6	1	-	286AS	X-DIM	ACSC-CC1	019-COM1						ACSC-SPLTR B			MST		3	71	FORM PER ED1S002-16 G 32 MAXIMUM LENGTH SHALL NOT EXCEED 7 FT.	
170	7	1	-	286AS	X-DIM	ACSC	SPLTR A	OUT 3					CONSOLE 0		615 MT			3		FORM PER ED1S002-16 G 33 MAXIMUM LENGTH SHALL NOT EXCEED 43 FT.	
173	7	1	-	286AS	X-DIM	ACSC	SPLTR B	OUT 3					CONSOLE 1		615 MT			3		FORM PER ED1S002-16 G 34 MAXIMUM LENGTH SHALL NOT EXCEED 43 FT.	
175	7A	1	-	286AS	X-DIM	ACSC	SPLTR A	OUT 3					CONSOLE 0		3530			3		FORM PER ED1S002-16 G 37 MAXIMUM LENGTH SHALL NOT EXCEED 43 FT.	
177	7A	1	-	286AS	X-DIM	ACSC	SPLTR B	OUT 3					CONSOLE 1		3530			3		FORM PER ED1S002-16 G 38 MAXIMUM LENGTH SHALL NOT EXCEED 43 FT.	

SEE PROPRIETARY NOTICE ON SHEET ONE

RT13

ADVANCED NETWORK SERVICES
INTERCABINET CABLING
FOR A SERVICE NODE OR
SERVICE CONTROL POINT

DWG SIZE C2
ISSUE 3

ED1S002-22

LUCENT TECHNOLOGIES INC ED1S002-22

SHEET A6 OF 13

CONNECTORIZED CABLING

ITEM	LIST OR GROUP	NBR RECD	CABLE IDENT	CABLE CODE	B DIM	FROM						TO						ROUTE	SHLD	NOTE	REMARKS
						FRAME OR UNIT	EQL	TERM	POS	DROP LGTH	WIRING DIAGRAM	FIGURE	FRAME OR UNIT	EQL	TERM	POS	DROP LGTH				
180	8	1	-	286AS	X-DIM	ACSC-RCU	063-002	EAI1					EAI-TERM	615				3	70	FORM PER ED1S002-16 G 45 MAXIMUM LENGTH SHALL NOT EXCEED 50 FT.	
185	8A	1	-	286AS	X-DIM	ACSC-RCU	063-002	EAI1					EAI-TERM	3530				3	70	FORM PER ED1S002-16 G 47 MAXIMUM LENGTH SHALL NOT EXCEED 50 FT.	
200	20	1	SEE RMKS	A25R-V	X-DIM	MCO-LOWER RACK	P21						DF					3		FORM PER G ORDER FROM CSI (CC #407639038)	
210	20	1	SEE RMKS	A25R-V	X-DIM	MCO-LOWER RACK	P22						DF					3		FORM PER G ORDER FROM CSI (CC #407639038)	
220	20	1	SEE RMKS	A25R-V	X-DIM	MCO-UPPER RACK	P21						DF					3		FORM PER G ORDER FROM CSI (CC #407639038)	
230	20	1	SEE RMKS	A25R-V	X-DIM	MCO-UPPER RACK	P22						DF					3		FORM PER G ORDER FROM CSI (CC #407639038)	
234	21	1	SEE RMKS	A25R-V	X-DIM	MCO	P21						DF					3		FORM PER G ORDER FROM CSI (CC #407639038)	
237	21	1	SEE RMKS	A25R-V	X-DIM	MCO	P22						DF					3		FORM PER G ORDER FROM CSI (CC #407639038)	
240	30	1	-	286AS	X-DIM	ACSC-RCU	063-002	EAI0					AMCO	REMOTE EAI				3	70	FORM PER ED1S002-16 G 62 MAXIMUM LENGTH SHALL NOT EXCEED 50 FT.	
250	35	1	-	286AS	X-DIM	ACSC	SPLTR A	OUT 2					AMCO	RACK	CNSL 0			3	71	FORM PER ED1S002-16 G 35 MAXIMUM LENGTH SHALL NOT EXCEED 43 FT.	
260	35	1	-	286AS	X-DIM	ACSC	SPLTR B	OUT 2					AMCO	RACK	CNSL 1			3	71	FORM PER ED1S002-16 G 36 MAXIMUM LENGTH SHALL NOT EXCEED 43 FT.	
270	40	1	-	286AS	X-DIM	ACSC-RCU	063-010	OUT 1					AMCO	RMT				3	61 70	FORM PER ED1S002-16 G 60A MAXIMUM LENGTH SHALL NOT EXCEED 50 FT.	
274	40	1	-	286AS	X-DIM	ACSC-RCU	063-010	OUT 2					AMCO	SCCCI				3	61 70	FORM PER ED1S002-16 G 60B MAXIMUM LENGTH SHALL NOT EXCEED 50 FT.	
276	40	1	-	286AS	X-DIM	ACSC-RCU	063-010	OUT 3					AMCO	SCC				3	61 70	FORM PER ED1S002-16 G 60C MAXIMUM LENGTH SHALL NOT EXCEED 50 FT.	
278	41	1	-	286AS	X-DIM	ACSC-RCU	063-010	OUT 1					AMCO	RMT				3	61 70	FORM PER ED1S002-16 G 61 MAXIMUM LENGTH SHALL NOT EXCEED 50 FT.	
284	51	1	-	EYN450-0050-MM	50-00	ACSC-PB	SEE TABLES						MCO-RACKS	SEE TABLES				3	61	ORDERED FROM BLACKBOX CORPORATION.	
286	51A	1	-	EYN450-0020-MM	20-00	ACSC-PB	SEE TABLES						MCO-RACKS	SEE TABLES				3	61	ORDERED FROM BLACKBOX CORPORATION.	
290	90	1	KQ32	606C	X-DIM	SFC-MCTU2	019-120	400	L	SEE TBL BA			DSX					3		FORM PER ED1S002-16 G 54 MAXIMUM LENGTH SHALL NOT EXCEED 450 FT.	
300	90	1	KQ33	606C	X-DIM	SFC-MCTU2	028-120	400	L	SEE TBL BA			DSX					3		FORM PER ED1S002-16 G 55 MAXIMUM LENGTH SHALL NOT EXCEED 450 FT.	

SEE PROPRIETARY NOTICE ON SHEET ONE

RT13

ADVANCED NETWORK SERVICES
INTERCABINET CABLING
FOR A SERVICE NODE OR
SERVICE CONTROL POINT

DWG SIZE C2
ISSUE 3

ED1S002-22

LUCENT TECHNOLOGIES INC ED1S002-22

SHEET A7
OF 13

PRINTED IN U.S.A.

CONNECTORIZED CABLING

ITEM	LIST OR GROUP	NBR RECD	CABLE IDENT	CABLE CODE	B DIM	FROM						TO						ROUTE	SHLD	NOTE	REMARKS
						FRAME OR UNIT	EQL	TERM	POS	DROP LGTH	WIRING DIAGRAM	FIGURE	FRAME OR UNIT	EQL	TERM	POS	DROP LGTH				
310	91A	2	-	286AS	X-DIM	TRANS BUS 0/1 OR CSCCO BUS0/1							CSCCO BUS 0/1 OR SFC-MCTU2 0/1						3	72	FORM PER ED1S002-16 G 20
320	91B	2	-	286AS	X-DIM	SFC-MCTU2 0/1							CSCC1 BUS 0/1						3	72	FORM PER ED1S002-16 G 21
330	92	1	KQ28	286AS	X-DIM	ACSC-RCU	063-014	OUT 1					SFC-MCTU2-0	019-050	150				3	63	FORM PER ED1S002-16 G 1
340	92	1	KQ29	286AS	X-DIM	ACSC-RCU	063-018	OUT 1					SFC-MCTU2-1	028-050	150				3	63	FORM PER ED1S002-16 G 2
350	93	1	-	286AS	X-DIM	ACSC-RCU	063-014	OUT 3					CSCCO	HOST 1	SCU0				3	63	FORM PER ED1S002-16 G 11
360	93	1	-	286AS	X-DIM	ACSC-RCU	063-018	OUT 3					CSCCO	HOST 1	SCU1				3	63	FORM PER ED1S002-16 G 12
370	93	1	-	286AS	X-DIM	ACSC-RCU	063-014	OUT 2					CSCCO	HOST 1	SCU2				3	63	FORM PER ED1S002-16 G 13
380	93	1	-	286AS	X-DIM	ACSC-RCU	063-018	OUT 2					CSCCO	HOST 1	SCU3				3	63	FORM PER ED1S002-16 G 14
390	94	1	-	286AS	X-DIM	ACSC-RCU	063-022	OUT 3					CSCC1	HOST 1	SCU0				3	63	FORM PER ED1S002-16 G 15
400	94	1	-	286AS	X-DIM	ACSC-RCU	063-024	OUT 3					CSCC1	HOST 1	SCU1				3	63	FORM PER ED1S002-16 G 16
410	94	1	-	286AS	X-DIM	ACSC-RCU	063-022	OUT 2					CSCC1	HOST 1	SCU2				3	63	FORM PER ED1S002-16 G 17
420	94	1	-	286AS	X-DIM	ACSC-RCU	063-024	OUT 2					CSCC1	HOST 1	SCU3				3	63	FORM PER ED1S002-16 G 18
430	95	1	KQ34	1249012C	X-DIM	SFC () DLTU2	045-099	132 145 332 345	L	SEE TBL BA	SD5D205-01		DSX						3		FORM PER ED1S002-16 G 70 MAXIMUM LENGTH SHALL NOT EXCEED 450 FT.
440	95	1	KQ35	1249012C	X-DIM	SFC () DLTU2	045-099	100 113 300 313	L	SEE TBL BA	SD5D205-01		DSX						3		FORM PER ED1S002-16 G 71 MAXIMUM LENGTH SHALL NOT EXCEED 450 FT.
450	96	1	KQ36	609C	X-DIM	SFC () DLTU2	045-099	132 145 332 345	L	SEE TBL BA	SD5D205-01		DSX						3		FORM PER ED1S002-16 G 72 MAXIMUM LENGTH SHALL NOT EXCEED 655 FT.
460	96	1	KQ37	609C	X-DIM	SFC () DLTU2	045-099	100 113 300 313	L	SEE TBL BA	SD5D205-01		DSX						3		FORM PER ED1S002-16 G 73 MAXIMUM LENGTH SHALL NOT EXCEED 655 FT.
470	97	1	KQ38	810A	X-DIM	LUC-ISLU ()	{ }-LG00 LG02 LG04 LG06 LG08 LG10	J1 J1 J1 J1 J1 J1	L	SEE TBL BA	SD5D091-01		DF						3		FORM PER ED1S002-16 G 74

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RT13

ADVANCED NETWORK SERVICES
INTERCABINET CABLING
FOR A SERVICE NODE OR
SERVICE CONTROL POINT

DWG SIZE C2 ISSUE 3

CONNECTORIZED CABLING

ITEM	LIST OR GROUP	NBR RECD	CABLE IDENT	CABLE CODE	B DIM	FROM						TO						ROUTE	SHLD	NOTE	REMARKS
						FRAME OR UNIT	EQL	TERM	POS	DROP LGTH	WIRING DIAGRAM	FIGURE	FRAME OR UNIT	EQL	TERM	POS	DROP LGTH				
480	97	1	KQ39	810A	X-DIM	LUC-ISLU()	()-LG00 LG02 LG04 LG06 LG08 LG10	J2 J2 J2 J2 J2	L	SEE TBL BA	SD5D091-01		DF						3		FORM PER ED1S002-16 G 75
490	97	1	KQ40	810A	X-DIM	LUC-ISLU()	()-LG00 LG02 LG04 LG06 LG08 LG10	J3 J3 J3 J3 J3	L	SEE TBL BA	SD5D091-01		DF						3		FORM PER ED1S002-16 G 76
500	97	1	KQ41	810A	X-DIM	LUC-ISLU()	()-LG00 LG02 LG04 LG06 LG08 LG10	J4 J4 J4 J4 J4	L	SEE TBL BA	SD5D091-01		DF						3		FORM PER ED1S002-16 G 77
510	98	1	-	810A	RMKS	LTPO ISLU	011-000 011-006 011-011 011-012 011-018 011-024 011-030 011-036 011-042	145 105 145 105 145 105 145 105 145	L		SD5D091-01		CSCCO								FORM PER ED1S002-20 G 78 CABLE END PLUGING INTO ISLU IS EQUIPPED WITH 963T CONN.
520	98	1	-	810A	RMKS	LTPO ISLU	011-098 011-104 011-110 011-116 011-122 011-128 011-134 011-140	145 105 145 105 145 105 145 105	R		SD5D091-01		CSCC1								FORM PER ED1S002-16 G 79 CABLE END PLUGING INTO ISLU IS EQUIPPED WITH 963T CONN.
650	103	1	KQ42	286AS	X-DIM	ATSCO-(DIALOG IC)							DF/DSX						3	73	FORM PER ED1S002-16 G 87 FOR STAMPING INFO SEE ENGINEERING NOTE 74.
670	104	1	KQ43	807AS	X-DIM	ATSCO-(BRI)							DF						3	73	FORM PER ED1S002-16 G 88 FOR STAMPING INFO SEE ENGINEERING NOTE 75.
690	105	1	KQ44	253AS	X-DIM	ATSCO(AVC52)							DF/DSX						3	73	FORM PER ED1S002-16 G 89 FOR STAMPING INFO SEE ENGINEERING NOTE 76.
710	106	1	KQ45	807AS	30-00	ATSCO(N1)							ANFC						3	73	FORM PER ED1S002-16 G 90 FOR STAMPING INFO SEE ENGINEERING NOTE 77.

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RT13

ADVANCED NETWORK SERVICES
INTERCABINET CABLING
FOR A SERVICE NODE OR
SERVICE CONTROL POINT

DWG SIZE C2
ISSUE 3

ED1S002-22

LUCENT TECHNOLOGIES INC ED1S002-22

SHEET A9 OF 13

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CONNECTORIZED CABLING

ITEM	LIST OR GROUP	NBR RECD	CABLE IDENT	CABLE CODE	B DIM	FROM						TO						ROUTE	SHLD	NOTE	REMARKS
						FRAME OR UNIT	EQL	TERM	POS	DROP LGTH	WIRING DIAGRAM	FIGURE	FRAME OR UNIT	EQL	TERM	POS	DROP LGTH				
740	107	1	KQ46	265AS	X-DIM	ANTC (NT1)							DF						3	73	FORM PER ED1S002-16 G 91 FOR STAMPING INFO SEE ENGINEERING NOTE 78.

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RT13

ADVANCED NETWORK SERVICES
INTERCABINET CABLING
FOR A SERVICE NODE OR
SERVICE CONTROL POINT

DWG SIZE C2
ISSUE 3

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	1	1	ED1S002-16,G40		ASSEMBLY, CABLE ITEM 100			
1010	2	1	ED1S002-16,G41		ASSEMBLY, CABLE ITEM 110			
1015	2A	1	105419741	253AS10/24	CABLE ITEM 115		S	
1016	2B	1	ED1S002-16,G95		ASSEMBLY, CABLE ITEM 116			
1017	2C	1	ED1S002-16,G92		ASSEMBLY, CABLE ITEM 117			
1018	2D	1	ED1S002-16,G93		ASSEMBLY, CABLE ITEM 118			
1019	2E	1	ED1S002-16,G94		ASSEMBLY, CABLE ITEM 119			
1020	3	1	ED1S002-16,G42		ASSEMBLY, CABLE ITEM 120			
1030	4	1	ED1S002-16,G43		ASSEMBLY, CABLE ITEM 130			
1035	4A	1	ED1S002-16,G46		ASSEMBLY, CABLE ITEM 135			
1040	5	1	ED1S002-16,G44		ASSEMBLY, CABLE ITEM 140			
1050	6	1	ED1S002-16,G31		ASSEMBLY, CABLE ITEM 150			
1060	6	1	ED1S002-16,G32		ASSEMBLY, CABLE ITEM 160			
1070	7	1	ED1S002-16,G33		ASSEMBLY, CABLE ITEM 170			
1080	7	1	ED1S002-16,G34		ASSEMBLY, CABLE ITEM 173			
1083	7A	1	ED1S002-16,G37		ASSEMBLY, CABLE ITEM 175			
1087	7A	1	ED1S002-16,G38		ASSEMBLY, CABLE ITEM 177			
1090	8	1	ED1S002-16,G45		ASSEMBLY, CABLE ITEM 180			
1100	8A	1	ED1S002-16,G47		ASSEMBLY, CABLE ITEM 185			
1500	20	4	407639038		CABLE #A25R-V CABLE SERV. INTERNATIONAL ITEMS 200,210,220,230		S	
1530	21	2	407639038		CABLE #A25R-V CABLE SERV. INTERNATIONAL ITEMS 234,237		S	
1550	30	1	ED1S002-16,G62		ASSEMBLY, CABLE ITEM 240			
1600	35	1	ED1S002-16,G35		ASSEMBLY, CABLE ITEM 250			
1610	35	1	ED1S002-16,G36		ASSEMBLY, CABLE ITEM 260			
2000	40	1	ED1S002-16,G60A		ASSEMBLY, CABLE ITEM 270			
2004	40	1	ED1S002-16,G60B		ASSEMBLY, CABLE ITEM 274			
2008	40	1	ED1S002-16,G60C		ASSEMBLY, CABLE ITEM 276			
2010	41	1	ED1S002-16,G61		ASSEMBLY, CABLE ITEM 278			
2020	51	1	407581578		CABLE ASSEMBLY, SIGNAL #EYN4500050MM BLACK BOX CORP ITEM 284		S	

***** STOCKLIST CONTINUED AT RIGHT *****

ED1S002-22

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
2026	51A	1	407732700		CABLE ASSEMBLY, SIGNAL #EYN450X BLACK BOX ITEM 286		S	
2500	90	1	ED1S002-16,G54		ASSEMBLY, CABLE ITEM 290			
2510	90	1	ED1S002-16,G55		ASSEMBLY, CABLE ITEM 300			
2550	91A	4	ED1S002-16,G20		ASSEMBLY, CABLE ITEM 310			
2560	91B	2	ED1S002-16,G21		ASSEMBLY, CABLE ITEM 320			
2570	92	1	ED1S002-16,G1		ASSEMBLY, CABLE ITEM 330			
2580	92	1	ED1S002-16,G2		ASSEMBLY, CABLE ITEM 340			
2600	93	1	ED1S002-16,G11		ASSEMBLY, CABLE ITEM 350			
2610	93	1	ED1S002-16,G12		ASSEMBLY, CABLE ITEM 360			
2620	93	1	ED1S002-16,G13		ASSEMBLY, CABLE ITEM 370			
2630	93	1	ED1S002-16,G14		ASSEMBLY, CABLE ITEM 380			
3000	94	1	ED1S002-16,G15		ASSEMBLY, CABLE ITEM 390			
3010	94	1	ED1S002-16,G16		ASSEMBLY, CABLE ITEM 400			
3020	94	1	ED1S002-16,G17		ASSEMBLY, CABLE ITEM 410			
3030	94	1	ED1S002-16,G18		ASSEMBLY, CABLE ITEM 420			
3070	95	1	ED1S002-16,G71		ASSEMBLY, CABLE ITEM 440			
3080	96	1	ED1S002-16,G72		ASSEMBLY, CABLE ITEM 450			
3090	96	1	ED1S002-16,G73		ASSEMBLY, CABLE ITEM 460			
3150	97	1	ED1S002-16,G74		ASSEMBLY, CABLE ITEM 470			
3160	97	1	ED1S002-16,G75		ASSEMBLY, CABLE ITEM 480			
3170	97	1	ED1S002-16,G76		ASSEMBLY, CABLE ITEM 490			
3180	97	1	ED1S002-16,G77		ASSEMBLY, CABLE ITEM 500			
3200	98	1	ED1S002-16,G78		ASSEMBLY, CABLE ITEM 510			
3210	98	1	ED1S002-16,G79		ASSEMBLY, CABLE ITEM 520			
5010	103	1	ED1S002-16,G87		ASSEMBLY, CABLE ITEM 650			

STOCKLIST CONTINUED ON SHEET D2

SEE PROPRIETARY NOTICE ON SHEET ONE

RT13

ADVANCED NETWORK SERVICES
INTERCABINET CABLING
FOR A SERVICE NODE OR
SERVICE CONTROL POINT

DWG SIZE
C2

ISSUE
3

LUCENT TECHNOLOGIES INC ED1S002-22

SHEET D1
OF 13

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STOCKLIST

ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
5040	104	1	ED1S002-16,G88		ASSEMBLY, CABLE ITEM 670			
5082	105	1	ED1S002-16,G89		ASSEMBLY, CABLE ITEM 690			
5102	106	1	ED1S002-16,G90		ASSEMBLY, CABLE ITEM 710			
5142	107	1	ED1S002-16,G91		ASSEMBLY, CABLE ITEM 740			

***** END OF STOCKLIST *****

BA

CABLE MEASUREMENTS (FOR SOFTWARE RELEASE 6 ONLY)							
LENGTH OF CABLE, INCLUDING CONNECTING INCREMENTS, FROM CABLE RACK OR PALLET TO FARTHEST COMPONENT TO WHICH CABLE CONNECTS							
ED1S002-22 GROUP	CABLE DESIG	POS	CA RACK DROP LG	PAL2D DROP LG	FR POS	EQL	CONN
90	KQ30	L	7-0	4-4	1	019 - 124	
90	KQ31	L	6-3	5-0	2	028 - 124	
95	KQ32	L	4-5	6-9	4	045 - 099	
95	KQ33	L	4-5	6-9	4	045 - 099	
96	KQ34	L	4-5	6-9	4	045 - 099	
96	KQ35	L	4-5	6-9	4	045 - 099	

B

SCN OR SCP CABLE MEASUREMENTS (SEE NOTE 61) (FOR SOFTWARE RELEASE 6 ONLY)					
ED1S002-22 GROUP	SCN	LENGTH SCP	END "A"	BRADY LABEL	END "B"
3	15'0"	10'0"	*		*
4	50'0"	50'0"	*		*
4A	50'0"	50'0"	*		*
5	50'0"	50'0"	*		*
6	25'0"	20'0"	*		*
7	50'0"	50'0"	*		*
7A	50'0"	50'0"	*		*
8	50'0"	50'0"	*		*
8A	50'0"	50'0"	*		*
30	15'0"	10'0"	*		*
35	15'0"	5'0"	SPLTR A (P2)		MCO/SCCS/CONSOLE0
	15'0"	5'0"	SPLTR B (P2)		MCO/SCCS/CONSOLE1

* LABELED AS PER MANUFACTURING DRAWING.

B1

SCN OR SCP CABLE MEASUREMENTS (SEE NOTE 61) (FOR SOFTWARE RELEASE 7 AND UP)					
ED1S002-22 GROUP	SCN	LENGTH SCP	END "A"	BRADY LABEL	END "B"
3	10'0"	10'0"	*		*
4	50'0"	50'0"	*		*
4A	50'0"	50'0"	*		*
5	50'0"	50'0"	*		*
6	7'0"	7'0"	*		*
7	43'0"	43'0"	*		*
7A	43'0"	43'0"	*		*
8	50'0"	50'0"	*		*
8A	50'0"	50'0"	*		*
30	25'0"	25'0"	*		*
35	43'0"	43'0"	SPLTR A (P2)		MCO/SCCS/CONSOLE0
	43'0"	43'0"	SPLTR B (P2)		MCO/SCCS/CONSOLE1

* LABELED AS PER MANUFACTURING DRAWING.

SEE PROPRIETARY NOTICE ON SHEET ONE

RT13

ADVANCED NETWORK SERVICES
INTERCABINET CABLING
FOR A SERVICE NODE OR
SERVICE CONTROL POINT

DWG SIZE C2
ISSUE 3

LUCENT TECHNOLOGIES INC ED1S002-22

SHEET D2 OF 13

ED1S002-22

PRINTED IN U.S.A.

C

SCN OR SCP - RS232 - CABLE MEASUREMENTS (SEE NOTE 61)				
ED1S002-22 GROUP	SCN	LENGTH	SCP	BRADY LABEL
			END "A"	END "B"
40	15'0"	15'0"	*	*

* LABELED AS PER MANUFACTURING DRAWING.
IF OUR RACK UNITS ARE USED OTHERWISE NOT TO EXCEED 50'.

D

SCN OR SCP - X.25,V.35/SS7 - CABLES MEASUREMENTS (SEE NOTES 54, 55, 56, 61) (FOR SOFTWARE RELEASE 6 ONLY)

ED1S002-22 GROUP	SCN	LENGTH	SCP	BRADY LABEL
			END "A"	END "B"
51	50'0"	50'0"	029-000-OUT0	MCO/L1(X.25)
51	50'0"	50'0"	033-001-OUT0	MCO/L2(X.25)
51	50'0"	50'0"	029-000-OUT1	MCO/L3(X.25)
51	50'0"	50'0"	033-001-OUT1	MCO/L4(X.25)
51	50'0"	50'0"	029-002-OUT0	MCO/L5(X.25)
51	50'0"	50'0"	033-003-OUT0	MCO/L6(X.25)
51	50'0"	50'0"	029-002-OUT1	MCO/L7(X.25)
51	50'0"	50'0"	033-003-OUT1	MCO/L8(X.25)
51	50'0"	50'0"	029-004-OUT0	MCO/L1(V.35/SS7)
51	50'0"	50'0"	033-004-OUT1	MCO/L2(V.35/SS7)
51	50'0"	50'0"	033-005-OUT0	SEE NOTE
51	50'0"	50'0"	029-004-OUT4	MCO/L3(V.35/SS7)
51	50'0"	50'0"	033-005-OUT1	MCO/L4(V.35/SS7)
51	50'0"	50'0"	029-006-OUT0	MCO/L5(V.35/SS7)
51	50'0"	50'0"	033-007-OUT0	MCO/L6(V.35/SS7)
51	50'0"	50'0"	029-006-OUT1	MCO/L7(V.35/SS7)
51	50'0"	50'0"	033-007-OUT1	MCO/L8(V.35/SS7)

NOTE: WHEN ONLY ONE (1) PAIR OF "SS7" LINKS (L1 & L2) ARE FURNISHED STAMP END "A" [033-004-OUT1] OTHERWISE STAMP AS [003-005-OUT0]. @

D1

SCN OR SCP - X.25,V.35/SS7 - CABLES MEASUREMENTS (SEE NOTES 54, 55, 56, 61) (FOR SOFTWARE RELEASE 7 AND UP)

ED1S002-22 GROUP	SCN	LENGTH	SCP	BRADY LABEL
			END "A"	END "B"
51	50'0"	50'0"	029-000-OUT0	MCO/L1(X.25)
51	50'0"	50'0"	033-001-OUT0	MCO/L2(X.25)
51	50'0"	50'0"	029-000-OUT1	MCO/L3(X.25)
51	50'0"	50'0"	033-001-OUT1	MCO/L4(X.25)
51	50'0"	50'0"	029-002-OUT0	MCO/L5(X.25)
51	50'0"	50'0"	033-003-OUT0	MCO/L6(X.25)
51	50'0"	50'0"	029-002-OUT1	MCO/L7(X.25)
51	50'0"	50'0"	033-003-OUT1	MCO/L8(X.25)
51	50'0"	50'0"	029-004-OUT0	MCO/L1(V.35/SS7)
51	50'0"	50'0"	033-004-OUT1	MCO/L2(V.35/SS7)
51	50'0"	50'0"	033-005-OUT0	SEE NOTE
51	50'0"	50'0"	029-004-OUT4	MCO/L3(V.35/SS7)
51	50'0"	50'0"	033-005-OUT1	MCO/L4(V.35/SS7)
51	50'0"	50'0"	029-006-OUT0	MCO/L5(V.35/SS7)
51	50'0"	50'0"	033-007-OUT0	MCO/L6(V.35/SS7)
51	50'0"	50'0"	029-006-OUT1	MCO/L7(V.35/SS7)
51	50'0"	50'0"	033-007-OUT1	MCO/L8(V.35/SS7)

NOTE: WHEN ONLY ONE (1) PAIR OF "SS7" LINKS (L1 & L2) ARE FURNISHED STAMP END "A" [033-004-OUT1] OTHERWISE STAMP AS [003-005-OUT0]. @

D2

SCN OR SCP - X.25,V.35/SS7 - CABLES MEASUREMENTS (SEE NOTES 54, 55, 56, 61) (FOR SOFTWARE RELEASE 7 AND UP)

ED1S002-22 GROUP	SCN	LENGTH	SCP	BRADY LABEL
			END "A"	END "B"
51A	20'0"	20'0"	029-000-OUT0	MCO/L1(X.25)
51A	20'0"	20'0"	033-001-OUT0	MCO/L2(X.25)
51A	20'0"	20'0"	029-000-OUT1	MCO/L3(X.25)
51A	20'0"	20'0"	033-001-OUT1	MCO/L4(X.25)
51A	20'0"	20'0"	029-002-OUT0	MCO/L5(X.25)
51A	20'0"	20'0"	033-003-OUT0	MCO/L6(X.25)
51A	20'0"	20'0"	029-002-OUT1	MCO/L7(X.25)
51A	20'0"	20'0"	033-003-OUT1	MCO/L8(X.25)
51A	20'0"	20'0"	029-004-OUT0	MCO/L1(V.35/SS7)
51A	20'0"	20'0"	033-004-OUT1	MCO/L2(V.35/SS7)
51A	20'0"	20'0"	033-005-OUT0	SEE NOTE
51A	20'0"	20'0"	029-004-OUT4	MCO/L3(V.35/SS7)
51A	20'0"	20'0"	033-005-OUT1	MCO/L4(V.35/SS7)
51A	20'0"	20'0"	029-006-OUT0	MCO/L5(V.35/SS7)
51A	20'0"	20'0"	033-007-OUT0	MCO/L6(V.35/SS7)
51A	20'0"	20'0"	029-006-OUT1	MCO/L7(V.35/SS7)
51A	20'0"	20'0"	033-007-OUT1	MCO/L8(V.35/SS7)

NOTE: WHEN ONLY ONE (1) PAIR OF "SS7" LINKS (L1 & L2) ARE FURNISHED STAMP END "A" [033-004-OUT1] OTHERWISE STAMP AS [003-005-OUT0]. @

E

SCN CABLE MEASUREMENTS ONLY (SEE NOTE 61)

ED1S002-22 GROUP	SCN	LENGTH	SCP	BRADY LABEL
			END "A"	END "B"
91A	10'0"	-	TRANS ENET0	CSCCO/060R
91A	10'0"	-	TRANS ENET1	CSCCO/061R
91A	10'0"	-	CSCCO/060L	SFC/019-050-BNC
91A	10'0"	-	CSCCO/061L	SFC/028-050-BNC
91B	10'0"	-	SFC/019-050	CSCC1/060R
91B	10'0"	-	SFC/028-050	CSCC1/061R
92	25'0"	-	*	*
93	15'0"	-	*	*
94	30'0"	-	*	*

* LABELED AS PER MANUFACTURING DRAWING.