

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
ASSEMBLY, WIRING, AND EQUIPMENT FOR ONE CMPU UNIT FOR CM2. DA EFF:12/31/98 FE:J5D020AF-2,L1A	59	DA	1	1	SD5D178-01	1	V				
ASSEMBLY, WIRING, AND EQUIPMENT FOR ONE CMPU UNIT FOR CM2. REPL:J5D020AF-2,L1	59		1A	1	SD5D178-01	1	V				
POWER AND CONTROL APPARATUS REQUIRED IN ADDITION TO LIST 1 OR 6 TO SUPPORT CMP OR QGW. DA EFF:05/02/97 FE:J5D020AF-2,L2A	58 60	DA	2	1 1	SD5D178-01 SD5D178-01	2 3					
POWER AND CONTROL APPARATUS REQUIRED IN ADDITION TO LIST 1 OR 6 TO SUPPORT CMP OR QGW. REPL:J5D020AF-2,L2 DA EFF:12/12/97 FE:J5D020AF-2,L2B	58 60	DA	2A	1 1	SD5D178-01 SD5D178-01	2 3					
POWER AND CONTROL APPARATUS REQUIRED IN ADDITION TO LIST 1,1A OR 6,6A TO SUPPORT CMP OR QGW. REPL:J5D020AF-2,L2A	58 60 500		2B	1 1	SD5D178-01 SD5D178-01	2 3					
APPARATUS REQUIRED IN ADDITION TO LIST 1 TO PROVIDE CMP PROCESSOR E/W 16 MEG MEMORY. DA EFF:04/28/95 FE:J5D020AF-2,L3A	55 60 61	DA	3	1 1	SD5D178-01 SD5D178-01	4 10					
APPARATUS REQUIRED IN ADDITION TO LIST 1,1A TO PROVIDE CMP PROCESSOR E/W 16 MEG MEMORY. REPL:J5D020AF-2,L3	55 60 61 500		3A	1 1	SD5D178-01 SD5D178-01	4 10					
APPARATUS REQUIRED IN ADDITION TO LIST 1,1A TO PROVIDE INCREMENTS OF GATEWAY PROCESSOR.	57 60 500		4	1 1	SD5D178-01 SD5D178-01	16 17					
APPARATUS REQUIRED IN ADDITION TO LIST 1 OR 6 TO PROVIDE CMP PROCESSOR E/W 24 MEG MEMORY. DA EFF:04/28/95 FE:J5D020AF-2,L5A	56 60 61	DA	5	1 1	SD5D178-01 SD5D178-01	18 19					
APPARATUS REQUIRED IN ADDITION TO LIST 1,1A OR 6,6A TO PROVIDE CMP PROCESSOR E/W 24 MEG MEMORY. REPL:J5D020AF-2,L5	56 60 61 500		5A	1 1	SD5D178-01 SD5D178-01	18 19					
ASSEMBLY, WIRING, AND EQUIPMENT FOR ONE CMPU UNIT FOR CDX REPL:NONE DA EFF:12/31/98 FE:J5D020AF-2,L6A	59 62	DA	6	1	SD5D178-01	1	X				
ASSEMBLY, WIRING, AND EQUIPMENT FOR ONE CMPU UNIT FOR CDX REPL:J5D020AF-2,L6	59 62		6A	1	SD5D178-01	1	X				
EQUIPMENT AND WIRING REQUIRED TO PROVIDE AUTOMATIC POWER RECOVERY FEATURE. REPL:NONE	63 500		7	1	SD5D178-01						
REQUIRED IN ADDITION TO LISTS 1A OR 6A TO PROVIDE ADDL MEMORY REQUIRED FOR 5E14. PROVIDES TN1369 CIRCUIT PACK. (CM2 OR CDX) REPL:NONE	66 67 500		8	1 1	SD5D178-01 SD5D078-01	5 11					
ASSEMBLY, WIRING, AND EQUIPMENT FOR ONE CMPU UNIT FOR CM2. DA EFF:08/14/97 FE/RA:NONE	151	DA	500	1	SD5D178-01	1	V				
ASSEMBLY, WIRING, AND EQUIPMENT FOR ONE CMPU UNIT FOR CDX DA EFF:08/14/97 FE/RA:NONE	151	DA	501	1	SD5D178-01	1	X				
APPARATUS FOR CONTROL AND DISPLAY. DA EFF:12/08/92 FE:J5D020AF-2,L509	151	DA	502	1	SD5D178-01	(2) (3)	Z Z				

TABLE-A CONTINUED

J5D020AF-2

ENGINEERING NOTES

51. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.

52. REFER TO TRANSLATION GUIDE (TG5) FOR CLI VALUES.

53. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS, AND/OR CHARACTERS INDICATE HORIZONTALLY LINED-OUT INFORMATION.

54. IN TABLE A DESCRIPTION FIELD INFORMATION ENCLOSED IN < > IS FOR REPORT PURPOSES ONLY AND IS NOT TO BE USED FOR ENGINEERING.

55. ONE LIST \$3\$ 3A IS \$ALWAYS\$ REQUIRED FOR SOFTWARE RELEASE 5E6 THRU 5E9, EQUIPPED IN EQL'S 120 AND 128, WHEN CMPU IS EQUIPPED IN CM2.

56. \$ONE LIST 5 IS REQUIRED FOR RETROFIT TO 5E10 AND LATER SOFTWARE\$ \$RELEASES, EQUIPPED IN EQL'S 120 AND 128.\$
ONE LIST \$5\$ 5A IS REQUIRED WHEN THE CMPU IS EQUIPPED IN THE CM2 FOR SOFTWARE RELEASES 5E10 AND LATER, EQUIPPED IN EQL'S 120 AND 128.
TWO LIST \$5'S\$ 5A'S ARE REQUIRED WHEN THE CMPU IS EQUIPPED WITH THE CM2C FOR U.S. AND COMPATIBLE APPLICATIONS, IN EQL'S 032, 040, 120, AND 128.

57. THE FIRST LIST 4 MUST BE EQUIPPED IN EQL'S 032 AND 040. THE SECOND LIST 4 IS EQUIPPED IN EQL'S 048 AND 056.

58. \$IF A LIST 3 OR 5 IS EQUIPPED IN EQL'S 120 AND 128, ONE LIST 2\$ IF A LIST 3A OR 5A IS EQUIPPED IN EQL'S 120 AND 128, ONE LIST \$2\$ 2B IS REQUIRED TO BE EQUIPPED IN EQL'S 096 AND 112.
IF AT LEAST ONE LIST 4 IS EQUIPPED, THEN ONE LIST \$2\$ 2B IS REQUIRED TO BE EQUIPPED IN EQL'S 008 AND 024.
IF A SECOND LIST \$5\$ 5A IS EQUIPPED IN EQL'S 032 AND 040, A SECOND LIST \$2\$ 2B IS REQUIRED TO BE EQUIPPED IN EQL'S 008 AND 024.

59. LIST 1,1A AND 6,6A ARE MUTUALLY EXCLUSIVE. ORDER LIST 1,1A FOR CM2 APPLICATIONS. ORDER LIST 6,6A FOR U.S. AND COMPATIBLE CM2C APPLICATIONS.

60. LINE ENGINEER MUST SPECIFY EQL'S OF CIRCUIT PACKS.

61. EXISTING OFFICES MAY CONVERT TN1368 CIRCUIT PACKS PROVIDED BY LIST \$3\$ 3A TO TN1800 USING DCS ED5D740-30.

62. WHEN THE CMPU IS ORDERED FOR CDX APPLICATIONS, INTRA-CABINET CABLING IS ORDERED FROM ED5D751-11; INTER-CABINET CABLING IS ORDERED FROM ED5D751-40.

63. SN516B (LIST 2)OR SN516C (LIST 2A OR 2B) MUST BE PRESENT IN THE CMPU OR ORDERED SIMULTANEOUSLY WITH LISTS 7, M, AND/OR N TO PROVIDE THE AUTOMATIC POWER RECOVERY (APR) FEATURE FOR 5E7.1 OR 5E10 OR LATER SOFTWARE RELEASES.
IF APR IS REQUIRED IN AN OFFICE, IT MUST BE PROVIDED FOR ALL UNITS IN THE ENTIRE CM2.

64. ORDER LIST M FOR QUAD GATEWAY APPLICATIONS.
ORDER LIST N FOR CMP APPLICATIONS.
ORDER LISTS M AND N FOR CMP WITH QUAD GATEWAY OR CDX APPLICATIONS.

65. LISTS R & S ARE MUTUALLY EXCLUSIVE. ORDER LIST R FOR CM2 APPLICATIONS. ORDER LIST S FOR U.S. AND COMPATIBLE CM2C APPLICATIONS.

66. ADDITIONAL MEMORY IS REQUIRED IN THE CMP FOR OFFICES WITH THE 5E14 SOFTWARE RELEASE OR LATER. ORDER THIS LIST IN ADDITION TO LISTS 1A OR 6A FOR NEW 5E14 OFFICES. SEE ED5D877-30 FOR 5E14 RETROFITS.

67. FOR CDX APPLICATION OF CMP FOR 5E14 OR LATER, ORDER TWO OF LIST 8 AND TWO OF LIST U FOR EQLS 136 AND 048; ONE LIST V FOR EQL 04-136-306; ONE LIST W FOR EQL 04-048-306.

151. \$THIS LIST IS NOT GENERALLY AVAILABLE, BUT IS INTENDED TO\$ \$SUPPORT FACTORY OFFLOADS FROM NETWORK SYSTEMS INTERNATIONAL\$ \$(NSI)\$

499. REPLACEMENT APPARATUS BLANKS CAN BE ORDERED FROM ED5D868-30, 5ESS SWITCH COMMON USE HARDWARE AND MATERIAL.

500. THIS LIST MAY BE SPECIFIED AS A MAIN OR SUPPLEMENTAL ITEM.

ISSUE NOTES (CONTINUED)

H8607 - IN TABLE A; ADD LISTS 8,U,V,W. IN STOCKLIST; ADD LIST 8 TO ITEM 1050; ADD ITEMS 1320,1330,1340. IN ENGINEERING NOTES; ADD NOTES 66,67. IN MANUFACTURING NOTES; IN NOTE 16 ADD LABEL POSITIONS 136,048; IN NOTE 17 REMOVE POS 69 AND ADD "FOR CDX APPLICATIONS REMOVE APPARATUS BLANK IN POS 25". IN TABLE AA; CHANGE POSITION 25 TO 21 FOR EQL 040 AND ADD LIST 8 TN1369 EQLS 136 & 048 POSITIONS 69 & 25.

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
COMMUNICATIONS MODULE
PROCESSOR UNIT (CMPU)

DWG SIZE C2	ISSUE 17
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LUCENT TECHNOLOGIES INC J5D020AF-2

SHEET A2
OF 8

TABLE A-FEATURES (CONTINUED)											
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
APPARATUS FOR POWER CONVERSION. DA EFF:08/14/97 FE/RA:NONE	151	DA	503	1	SD5D178-01	(2) (3)					
APPARATUS FOR CMP PROCESSOR CORE. DA EFF:04/28/95 FE:J5D020AF-2,L510	151	DA	504	1	SD5D178-01	(4) (10)					
APPARATUS FOR CMP MEMORY. DA EFF:08/14/97 FE/RA:NONE	151	DA	505	1	SD5D178-01	(4) (10) (18)					
APPARATUS FOR GATEWAY PROCESSOR. DA EFF:08/14/97 FE/RA:NONE	151	DA	506	1	SD5D178-01	(16) (17)					
APPARATUS FOR GATEWAY MEMORY. DA EFF:08/14/97 FE/RA:NONE	151	DA	507	1	SD5D178-01	(16) (17)					
APPARATUS FOR CMP PROCESSOR CORE. DA EFF:04/28/95 FE:J5D020AF-2,L512	151	DA	508	1	SD5D178-01	(18)					
APPARATUS FOR CONTROL AND DISPLAY. REPL:J5D020AF-2,L502 DA EFF:05/02/97 FE:J5D020AF-2,L513	151	DA	509	1	SD5D178-01	(2) (3)		Y Y			
APPARATUS FOR CMP PROCESSOR CORE. REPL:J5D020AF-2,L504 DA EFF:08/15/97 FE/RA:NONE	151	DA	510	1	SD5D178-01	(4) (10)					
APPARATUS FOR CMP PROCESSOR CORE. REPL:J5D020AF-2,L508 DA EFF:08/14/97 FE/RA:NONE	151	DA	512	1	SD5D178-01	(18)					
APPARATUS FOR CONTROL AND DISPLAY. REPL:J5D020AF-2,L509 DA EFF:08/14/97 FE/RA:NONE	151	DA	513	1	SD5D178-01	(2) (3)		Y Y			
PROVIDES DESIGNATION LABELS FOR CMPU WHEN ONE LIST 2 OR 2A AND ONE LIST 4 ARE SPECIFIED FOR U.S. AND COMPATIBLE APPLICATIONS (REAR) REPL:NONE	500		A	1	ED5D685-10	6					
PROVIDES DESIGNATION LABELS FOR CMPU WHEN LISTS 2,2A,4, SEC LIST 4 ARE SPECIFIED FOR U.S. AND COMPATIBLE APPLICATIONS. (REAR) REPL:NONE	500		B	1	ED5D685-10	6 7					
PROVIDES DESIGNATION LABELS FOR CMPU WHEN ONE LIST 2 OR 2A AND ONE LIST 3 OR 3A ARE SPECIFIED FOR U.S. AND COMPATIBLE APPLICATIONS. (REAR) REPL:NONE	500		C	1	ED5D685-10	3					
PROVIDES DESIGNATION LABELS FOR CMPU WHEN LISTS 2 OR 2A,SEC LIST 2 OR 2A (CDX), 5 OR 5A,SEC LIST 5 OR 5A (CDX) ARE SPECIFIED FOR U.S. AND COMPATIBLE APPLICATIONS (REAR) REPL:NONE	500		D	1	ED5D685-10	5 9					
PROVIDES DESIGNATION LABELS FOR CMPU WHEN ONE LIST 2 OR 2A AND ONE LIST 5 OR 5A ARE SPECIFIED FOR U.S AND COMPATIBLE APPLICATIONS. (REAR) REPL:NONE	500		E	1	ED5D685-10	5					

TABLE-A CONTINUED

J5D020AF-2

TABLE A-FEATURES (CONTINUED)											
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
PROVIDES DESIGNATION LABELS FOR CMPU WHEN LISTS 2 OR 2A,SEC LIST 2 OR 2A,3 OR 3A,4 ARE SPECIFIED FOR U.S. AND COMPATIBLE APPLICATIONS. (REAR) REPL:NONE	500		F	1	ED5D685-10	6 8					
PROVIDES DESIGNATION LABELS FOR CMPU WHEN LISTS 2 OR 2A,SEC LIST 2 OR 2A,3 OR 3A,4,SEC LIST 4 ARE SPECIFIED FOR U.S. AND COMPATIBLE APPLICATIONS. (REAR) REPL:NONE	500		G	1	ED5D685-10	6,7, 8					
PROVIDES DESIGNATION LABELS FOR CMPU WHEN LISTS 2 OR 2A,SEC LIST 2 OR 2A,4,5 OR 5A ARE SPECIFIED FOR U.S. AND COMPATIBLE APPLICATIONS. (REAR) REPL:NONE	500		H	1	ED5D685-10	6,9					
PROVIDES DESIGNATION LABELS FOR CMPU WHEN LISTS 2 OR 2A,SEC LIST 2 OR 2A,4,SEC LIST 4,5 OR 5A ARE SPECIFIED FOR U.S. AND COMPATIBLE APPLICATIONS. (REAR) REPL:NONE	500		J	1	ED5D685-10	6,7, 9					
PROVIDES DESIGNATION LABELS FOR CMPU IN ADDITION TO LIST 1 FOR NSI AND COMPATIBLE APPLICATIONS. (FRONT & REAR) REPL:NONE DA EFF:07/03/96 FE:J5D020AF-2,LP		DA	K	1	ED5D685-10	10, 11					
PROVIDES DESIGNATION LABELS FOR CMPU IN ADDITION TO LIST 1 OR 6 FOR U.S. AND COMPATIBLE APPLICATIONS. (FRONT) REPL:NONE DA EFF:07/03/96 FE:J5D020AF-2,LR FE:J5D020AF-2,LS		DA	L	1	ED5D685-10	4					
PROVIDES DESIGNATION LABELS FOR CMPU WHEN LIST 7 IS SPECIFIED FOR NS APPLICATIONS FOR QUAD GATEWAY OR CDX. (REAR)	63 64 500		M	1	ED5D685-10	12					
PROVIDES DESIGNATION LABELS FOR CMCU WHEN LIST 7 IS SPECIFIED FOR NS APPLICATIONS FOR CMP OR CDX. (REAR)	63 64 500		N	1	ED5D685-10	12					
PROVIDES DESIGNATION LABELS FOR CMPU IN ADDITION TO LIST 1,1A FOR NSI AND COMPATIBLE APPLICATIONS. (FRONT & REAR) REPL:J5D020AF-2,LK	500		P	1	ED5D685-10	11, 16					

TABLE-A CONTINUED

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DWG SIZE
C2

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17

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SHEET A3
OF 8

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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	
PROVIDES DESIGNATION LABELS FOR CMPU IN ADDITION TO LIST 1,1A FOR U.S. AND COMPATIBLE APPLICATIONS. (FRONT) REPL:J5D020AF-2,LL	65 500		R	1	ED5D685-10	14						
PROVIDES DESIGNATION LABELS FOR CMPU IN ADDITION TO LIST 6,6A (CDX) FOR U.S. AND COMPATIBLE APPLICATIONS. (FRONT) REPL:J5D020AF-2,LL	65 500		S	1	ED5D685-10	15						
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO LIST F8 TO PROVIDE FUSE LABELS FOR CDX.	500		T	1	ED5D088-12	61						
REQUIRED IN ADDITION TO LIST 8. PROVIDES DESIGNATION STRIP PATCH LABEL (TN1369) FOR CMPU. (CM2 OR CDX).	66 67 500		U	1	ED5D685-10	17						
EQUIPMENT REQUIRED IN ADDITION TO LISTS 1A OR 6A. PROVIDES JUMPER FOR 5V. (CM2 OR CDX) REPL:NONE	66 67 500		V	1	ED5D585-29	58						
EQUIPMENT REQUIRED IN ADDITION TO LIST 6A. PROVIDES JUMPER FOR 5V. (CDX) REPL:NONE	66 67 500		W	1	ED5D585-29	58A						
APPARATUS BLANK 158C DA EFF:08/14/97 FE/RA:NONE	151	DA	B1									
APPARATUS BLANK 149A DA EFF:08/14/97 FE/RA:NONE	151	DA	B2									
APPARATUS BLANK 150B DA EFF:08/14/97 FE/RA:NONE	151	DA	B3									
APPARATUS BLANK 158A DA EFF:08/14/97 FE/RA:NONE	151	DA	B4									
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT THE CMCU IN AN NS CABINET E/W FUSE/FILTER UNIT. DA EFF:12/31/98 FE/RA:NONE	151	DA	F1									
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT THE CMCU IN AN NSI CABINET E/W FUSE/FILTER UNIT. DA EFF:12/31/98 FE/RA:NONE	151	DA	F2									
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT THE CMCU IN AN NS CABINET E/W MODULAR FUSE/FILTER UNIT. DA EFF:12/31/98 FE/RA:NONE	151	DA	F3									
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT THE CMCU IN AN NSI CABINET E/W MODULAR FUSE/FILTER UNIT. DA EFF:12/31/98 FE/RA:NONE	151	DA	F4									
FINAL ASSEMBLY KIT (FAS KIT) TO MOUNT THE CMPU IN A GLOBAL CABINET. DA EFF:12/31/98 FE/RA:NONE	151	DA	F5									
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO LIST 1A OR 6A TO PROVIDE APPARATUS BLANK KIT FOR CMPU. REPL:NONE	499		F6									

TABLE-A CONTINUED

J5D020AF-2

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	
FINAL ASSEMBLY KIT TO INSTALL A CMPU UNIT INTO A CM2 REPL:NONE	500		F7									
FINAL ASSEMBLY KIT TO INSTALL A CMPU UNIT INTO A CDX REPL:NONE	500		F8									
PROVIDES UNIT GUIDE KIT TO MOUNT CMCU IN 5ESS CABINET OR 5ESS-2000 CABINET. DA EFF:08/14/97 FE/RA:NONE	151	DA	G1									
PROVIDES UNIT GUIDE KIT TO MOUNT CMPU IN A GLOBAL CABINET. DA EFF:08/14/97 FE/RA:NONE	151	DA	G2									
END OF TABLE-A												

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SHEET A4
OF 8

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MANUFACTURING NOTES

***** CONTINUED *****

87	158A	104042106
01	158C	104042122
05	158C	104042122
09	158C	104042122
13	158C	104042122
17	158C	104042122
21	158C	104042122
25	158C	104042122
29	158C	104042122
33	158C	104042122
37	158C	104042122
41	158C	104042122
45	158C	104042122
49	158C	104042122
53	158C	104042122
61	158C	104042122
73	158C	104042122
77	158C	104042122
81	158C	104042122
85	158C	104042122

FOR CDX APPLICATIONS, REMOVE APPARATUS BLANK IN POSITION 25.

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MANUFACTURING NOTES

1. X PARTS REQUIRED FOR INSTALLATION.

X/ PARTS REQUIRED FOR MANUFACTURE WHEN EQUIPMENT IS SHOP MOUNTED OR BY THE INSTALLER WHEN THE EQUIPMENT IS TO BE FIELD MOUNTED.

* PARTS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM.

*/ PARTS (A) REQUIRED FOR MANUFACTURE WHEN EQUIPMENT INVOLVED IS SHOP MOUNTED OR (B) TO BE SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM WHEN FIELD MOUNTED.

() INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.

{ } INDICATES DESIGNATIONS SHOWN FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED.

< > INDICATES DESIGNATIONS AND/OR INFORMATION PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.

"W" PARTS ASSEMBLED AT THE SAME TIME THE EQUIPMENT IS MOUNTED.

"W*" PARTS TO BE (A) SHOP ASSEMBLED, BUT WHICH CANNOT BE ASSEMBLED UNTIL THE ASSOCIATED EQUIPMENT IS BEING MOUNTED, OR (B) SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED EQUIPMENT WHEN FIELD MOUNTED.

"S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.

A/R AS REQUIRED.

"B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.

12. RESERVED.

13. WHEN USED FOR CDX APPLICATIONS, THE ED5D683-30 BACKPLANE MUST HAVE WIRING MODIFIED AS FOLLOWS:

ISOLATE PINS:

04-008-035	04-008-036
04-008-135	04-008-136
04-008-137	04-008-150
04-008-048	04-096-048

ADD AWG 30 KS-21336 WIRE AFTER ISOLATE PINS HAVE BEEN INSTALLED:

04-008-137 TO 04-008-150

14. WHEN USED WITH CM2C, FUSES ARE INSTALLED AT 068-023-C AND 068-059-C (POS 2C AND 6C).

15. 963E-2 CONNECTOR (LIST 7) IS A TWO PIN JUMPER CONNECTOR COVERING THE FOLLOWING PIN POSITIONS:

OPTION	ORIENTATION	EQL
AUTO POWER RECOVERY	VERT.	04-008-004 & 04-008-005
	VERT.	04-008-104 & 04-008-105
	VERT.	04-096-004 & 04-096-005
	VERT.	04-096-104 & 04-096-105

16. APPLY ED5D685-10 GROUP 12 LABEL ORDERED BY LIST M TO ALIGN WITH EQL 008.
 APPLY ED5D685-10 GROUP 12 LABEL ORDERED BY LIST N TO ALIGN WITH EQL 096.
 APPLY ED5D685-10 GROUP 17 LABEL ORDERED BY LIST U TO ALIGN WITH EQL 136.
 APPLY ED5D685-10 GROUP 17 LABEL ORDERED BY 2ND LIST U TO ALIGN WITH EQL 048 (FOR CDX ONLY).

17. =====

POSITION NUMBER	APPARATUS BLANK TYPE	COMCODE
-	149A	103752713
-	150B	104013743

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 PROCESSOR UNIT (CMPU)

DWG SIZE C2 ISSUE 17

LUCENT TECHNOLOGIES INC J5D020AF-2

SHEET D1 OF 8

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1010	1	1	846981595		ASSEMBLY, SHELF				
1011	1A	1	846981595		ASSEMBLY, SHELF				
1020	2	1	106704919	SN516B	PACK,CIRCUIT CLEI = E5PQADJA EQPT EQL 096 (CM2 W/CMP OR CDX) EQPT EQL 008 (CM2 W/QGW OR CDX)				
1021	2A,2B	1	107598146	SN516C	PACK,CIRCUIT CLEI = E5PQAPUA EQPT EQL 096 (CM2 W/CMP OR CDX) EQPT EQL 008 (CM2 W/QGW OR CDX)				
1030	2,2A	1	104060611	410AA	UNIT, POWER CLEI = PWPQACNA EQPT EQL 112 (CM2 W/CMP OR CDX) EQPT EQL 024 (CM2 W/QGW OR CDX)				
1035	2B	1	108133232	410AA2	UNIT CLEI = PWPQAS7A EQPT EQL 112 (CM2 W/CMP OR CDX) EQPT EQL 024 (CM2 W/QGP OR CDX)				
1040	3	1	106377658	TN1368	PACK,CIRCUIT CLEI = E5PQAAAA EQPT EQL 120				
1041	3A	1	107514432	TN1368	PACK,CIRCUIT CLEI = E5PQANZA EQPT EQL 120				
1050	3,3A,5,5A,8	1 1	106681778	TN1369	PACK,CIRCUIT FE CLEI=E5PQACUA CLEI = E5PQAUAA EQPT EQL 128 (CM2 OR CDX) EQPT EQL 136 (CM2 OR CDX W/5E14-1ST LIST8) EQPT EQL 040 (CDX) EQPT EQL 048 (CDX W/5E14-2ND LIST8)				
1060	4	1	106441603	TN1683	PACK,CIRCUIT FE CLEI=E5PQAF4A CLEI = E5PQAPDA EQPT EQL 032 (1ST LIST 4) EQPT EQL 048 (2ND LIST 4)				
1070	4	1	106441629	TN1684	PACK,CIRCUIT CLEI = E5PQAF5A EQPT EQL 040 (1ST LIST 4) EQPT EQL 056 (2ND LIST 4)				
1080	5	1	106465891	TN1800	PACK,CIRCUIT CLEI = E5PQABMA EQPT EQL 120 (CM2 W/CMP OR CDX) EQPT EQL 032 (CDX)				
1081	5A	1	107514390	TN1800	PACK,CIRCUIT CLEI = E5PQANYA EQPT EQL 120 (CM2 W/CMP OR CDX) EQPT EQL 032 (CDX)				
1090	F6	1	848195954		KIT, APPARATUS BLANK				17
1110	1,6	20	104042122	158C	BLANK, APPARATUS POS 1,5,9,13,17,21 POS 25,29,33,37,41 POS 45,49,53,61,69 POS 73,77,81,85				
1120	2,2A,2B,3,3A,4,5,5A	OMIT 2 OMIT 2 OMIT 2	104042122	158C	BLANK, APPARATUS				
1130	1,6	1	104042106	158A	BLANK, APPARATUS POS 87				
1140	1,6	1	103752713	149A	BLANK, APPARATUS				
1150	1,6	1	104013743	150B	BLANK, APPARATUS				
1160	1,6	1	847020823		KIT, MOUNTING				*/
1161	F7	1	847020823		KIT, MOUNTING				*/
1165	1	1	104226600	151C	STRIP, DESIGNATION				

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

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1170	A B F G H J	1 1 1 1 1 1	ED5D685-10,G6 G6 G6 G6 G6 G6		LABEL, DESIGNATION				
1180	B G J	1 1 1	ED5D685-10,G7 G7 G7		LABEL, DESIGNATION				
1190	C	1	ED5D685-10,G3		LABEL, DESIGNATION				
1200	D E	1 1	ED5D685-10,G5 G5		LABEL, DESIGNATION				
1210	F G	1 1	ED5D685-10,G8 G8		LABEL, DESIGNATION				
1220	D H J	1 1 1	ED5D685-10,G9 G9 G9		LABEL, DESIGNATION				
1230	K	1	ED5D685-10,G10		LABEL, DESIGNATION				
1240	K P	1 1	ED5D685-10,G11 G11		LABEL, DESIGNATION				
1245	P	1	ED5D685-10,G16		LABEL, DESIGNATION				
1250	L	1	ED5D685-10,G4		LABEL, DESIGNATION				
1255	R	1	ED5D685-10,G14		LABEL, DESIGNATION				
1256	S	1	ED5D685-10,G15		LABEL, DESIGNATION				
1260	6	1	847166006		ASSEMBLY, SHELF				13
1261	6A	1	847166006		ASSEMBLY, SHELF				13
1270	6	2	406599324	WP92458L11	FUSE, 10.0 AMP VERY FAST ACTING			*/	14
1275	F8	1	848195962		KIT, FINAL ASSEMBLY			*/	14
1280	6	1	ED5D088-12,G61		LABELS, FUSE			*/	
1290	6	1	ED5D088-12,G62		LABELS, FUSE			*/	
1291	T	1	ED5D088-12,G61, G62		LABELS, FUSE			*/	
1300	7	4	102898509	963E-2	CONNECTOR				15
1310	M N	1 1	ED5D685-10,G12 G12		LABEL, DESIGNATION				16
1320	U	1	ED5D685-10,G17		LABEL, DESIGNATION				16
1330	V	1	ED5D585-29,G58		ASSEMBLY, BACKPLANE CONNECTOR EQPT EQL 04-136-306 (CM2 OR CDX)				
1340	W	1	ED5D585-29,G58A		ASSEMBLY, BACKPLANE CONNECTOR EQPT EQL 04-048-306 (CDX)				
5000	500	1	847146792		ASSEMBLY, SHELF				
5010	501	1	847359742		ASSEMBLY, UNIT SHELF				
5020	F1	1	847148848		KIT, FINAL ASSEMBLY			*/	
5030	F2	1	847148863		KIT, FINAL ASSEMBLY			*/	
5040	F3	1	847148855		KIT, FINAL ASSEMBLY			*/	

STOCKLIST CONTINUED ON SHEET D3

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
COMMUNICATIONS MODULE
PROCESSOR UNIT (CMPU)

DWG SIZE C2 ISSUE 17

J5D020AF-2

LUCENT TECHNOLOGIES INC J5D020AF-2

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STOCKLIST

ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
5050	F4	1	847148871		KIT, FINAL ASSEMBLY		*	/
5060	B1	1	104042122	158C	BLANK, APPARATUS			
5070	G1	1	847196748		KIT, MOUNTING UNIT GUIDE FOR 132 TYPE APP MTG			
5100	502	1	104041413	SN516	PACK, CIRCUIT CLEI = E5PQ978AXX			
5110	503	1	104060611	410AA	UNIT, POWER CLEI = PWPQACNA			
5120	504	1	106377658	TN1368	PACK, CIRCUIT CLEI = E5PQAAAA			
5121	510	1	107514432	TN1368	PACK, CIRCUIT CLEI = E5PQANZA			
5130	505	1	106681778	TN1369	PACK, CIRCUIT FE CLEI=E5PQACUA CLEI = E5PQAUAA			
5140	506	1	106441603	TN1683	PACK, CIRCUIT FE CLEI=E5PQAF4A CLEI = E5PQAPDA			
5150	507	1	106441629	TN1684	PACK, CIRCUIT CLEI = E5PQAF5A			
5160	508	1	106465891	TN1800	PACK, CIRCUIT CLEI = E5PQABMA			
5161	512	1	107514390	TN1800	PACK, CIRCUIT CLEI = E5PQANYA			
5170	509	1	106704919	SN516B	PACK, CIRCUIT CLEI = E5PQADJA			
5171	513	1	107598146	SN516C	PACK, CIRCUIT CLEI = E5PQAPUA			
5180	F5	1	847272622		KIT, FINAL ASSEMBLY			
5190	G2	1	847286721		KIT, MOUNTING			
5200	B2	1	103752713	149A	BLANK, APPARATUS			
5210	B3	1	104013743	150B	BLANK, APPARATUS			
5220	B4	1	104042106	158A	BLANK, APPARATUS			

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

TABLE AA
APPARATUS GROWTH SEQUENCE AND APPARATUS BLANKS TO BE
OMITTED FROM EQUIPMENT SHELF

LIST	CODE	EQL	SEQUENCE	APP BLANK	LIST	POS
2	SN516	096	1	158C		49
		008	1	158C		05
	410AA	112	1	158C		57
		024	1	158C		13
3	TN1368	120	1	158C		61
3,5	TN1369	128	1	158C		65
		040	1	158C		21
4	TN1683	032	1	158C		17
		048	2	158C		25
	TN1684	040	1	158C		21
		056	2	158C		29
5	TN1800	120	1	158C		61
		032	1	158C		17
8	TN1369	136	2	158C		69
		048	2	158C		25

TABLE JJ
REPLACEMENT FUSE ORDERING INFORMATION

COMCODE	DESCRIPTION
406599324	10 AMP FUSE. USED FOR STANDARD POWERING APPLICATIONS.

TABLE D1

STOCKLIST FOR FASKIT 848195954 ISS: 2 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	103752713	149A	BLANK, APPARATUS
1	104013743	150B	BLANK, APPARATUS
1	104042106	158A	BLANK, APPARATUS
19	104042122	158C	BLANK, APPARATUS
STOCKLIST FOR FASKIT 847020823 ISS: 3 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	104226600	151C	STRIP, DESIGNATION
4	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH
4	901271031		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2
2	407763218		LABEL, DESIGNATION #P-258SCP TOPFLIGHT CORP.
STOCKLIST FOR FASKIT 848195962 ISS: 1 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	104226600	151C	STRIP, DESIGNATION
4	840026835		SCREW, TTF SLOTTED HEX, WASHER HD

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
COMMUNICATIONS MODULE
PROCESSOR UNIT (CMPU)

DWG SIZE C2 ISSUE 17

** CONTINUED **

TABLE D1

4	901271031		.216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH
2	407763226		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2
2	406599324	WP92458L11	LABEL, DESIGNATION #P-258SCP TOPFLIGHT CORP.
STOCKLIST FOR FASKIT 847148848 ISS: 1 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	104226600	151C	STRIP, DESIGNATION
0	406500926		LABEL, DESIGNATION OA WD .60 IN X OA LG 24.10 IN TOPLIGHT CORP.
4	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH
2	102630324	74D	FUSE AMP
2	100203389	70G	FUSE AMP
2	401922109	KS14174L7	PIN, DESIGNATION NYLON RED
STOCKLIST FOR FASKIT 847148863 ISS: 1 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	104226600	151C	STRIP, DESIGNATION
0	406500926		LABEL, DESIGNATION OA WD .60 IN X OA LG 24.10 IN TOPLIGHT CORP.
2	102630324	74D	FUSE AMP
2	100203389	70G	FUSE AMP
2	401922109	KS14174L7	PIN, DESIGNATION NYLON RED
4	847079860		BOLT, MACHINE HEXAGONAL STEEL 18.10 M6X16
4	847079779		WASHER, TOOTH LOCK CABLE RACK
4	847078912		TUBE, SPRING BLACK
4	847078904		NUT, SPEED ZINC PLATED HEAVY PASSIVATED YELLOW

*** CONTINUED ***

** CONTINUED **

TABLE D1

2	847080421		CABLE, SUPPORT
2	847079860		BOLT, MACHINE HEXAGONAL STEEL 18.10 M6X16
2	847078912		TUBE, SPRING BLACK
2	847078904		NUT, SPEED ZINC PLATED HEAVY PASSIVATED YELLOW
1	847080439		ROD, HALF ROUND
2	847080413		SCREW, SPECIAL FLAT COUNTERSUNK HEAD
STOCKLIST FOR FASKIT 847148855 ISS: 1 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	104226600	151C	STRIP, DESIGNATION
0	406500926		LABEL, DESIGNATION OA WD .60 IN X OA LG 24.10 IN TOPLIGHT CORP.
4	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH
2	406747568	WP92458L11	FUSE, 10.0 A 250 V
STOCKLIST FOR FASKIT 847148871 ISS: 1 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	104226600	151C	STRIP, DESIGNATION
0	406500926		LABEL, DESIGNATION OA WD .60 IN X OA LG 24.10 IN TOPLIGHT CORP.
2	406747568	WP92458L11	FUSE, 10.0 A 250 V
4	847079860		BOLT, MACHINE HEXAGONAL STEEL 18.10 M6X16
4	847079779		WASHER, TOOTH LOCK CABLE RACK
4	847078912		TUBE, SPRING BLACK
4	847078904		NUT, SPEED ZINC PLATED HEAVY PASSIVATED YELLOW
2	847080421		CABLE, SUPPORT
2	847079860		BOLT, MACHINE HEXAGONAL STEEL 18.10 M6X16
2	847078912		TUBE, SPRING BLACK

*** CONTINUED ***

** CONTINUED **

TABLE D1

2	847078904		NUT, SPEED ZINC PLATED HEAVY PASSIVATED YELLOW
1	847080439		ROD, HALF ROUND
2	847080413		SCREW, SPECIAL FLAT COUNTERSUNK HEAD
STOCKLIST FOR FASKIT 847272622 ISS: 1 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	104226600	151C	STRIP, DESIGNATION
0	406500926		LABEL, DESIGNATION OA WD .60 IN X OA LG 24.10 IN TOPLIGHT CORP.
4	901271031		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2
2	406747568	WP92458L11	FUSE, 10.0 A 250 V

TABLE D2

STOCKLIST FOR UNIT GUIDE KIT 847196748 ISS: 2 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
2	843078015		GUIDE
8	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH
STOCKLIST FOR UNIT GUIDE KIT 847286721 ISS: 2 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
2	843078015		GUIDE
8	901271031		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2