

ISSUE NOTES (CONTINUED)				
CHANGE TAG H8180 UPDATES THE DRAWING TO PROVIDE HARDWARE SUPPORT FOR THE "REAL TIME CALL DETAIL" FEATURE AVAILABLE UNDER 5E12. ENGINEERING NOTES 59 AND 67 ARE MODIFIED. TABLE A FEATURE FOR LIST 17 IS MODIFIED. TABLE A FEATURE FOR LIST 18 IS RERATED DA. TABLE A FEATURE FOR LIST 18A IS ADDED. MANUFACTURING NOTES 18 AND 19 ARE MODIFIED. STOCKLIST ITEM 1200 IS MODIFIED. STOCKLIST ITEM 1211 IS ADDED.				
ORIG ISS: 10/15/96 NDD NBR: NDD5D003NW-853 CHANGE CLASS: B				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 12/08/97	ISSUE: 12
THIS DRAWING IS BEING ADVANCED TO ISSUE 013 TO BRING CN74551NW INTO THE MANUFACTURING ENVIRONMENT. A CLASS AC CHANGE HAS BEEN APPLIED TO UN560 CIRCUIT PACK (LIST 4) ADVANCING IT TO SERIES 8. STOCKLIST LINE ITEM 1080 IS MODIFIED TO UPDATE THE CLEI DATA.				
ORIG ISS: 10/15/96 NDD NBR: CN74551NW CHANGE CLASS: AC				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 12/12/97	ISSUE: 13
CHANGE TAG CN84504NW BRINGS IN A CLASS AC CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A, LIST 23, AND ON STOCKLIST LINE 1260. COMPONENT VALUE CHANGES ON THE UN555 CIRCUIT PACK UPGRADE IT TO A SERIES 4, IDENTIFIED BY CLEI ESPQAXDA.				
ORIG ISS: 10/15/96 NDD NBR: CN84504NW CHANGE CLASS: AC				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 03/05/98	ISSUE: 14
NDD5D003NW-878-CHANGE TAG 8252 ADDS DRAWING SUPPORT FOR THE UN588 APPARATUS, A 60MHZ CORE60MM WITH 128MB OF ON-BOARD MEMORY, FOR USE WITH 5E12/5EE10 AND LATER SOFTWARE GENERICS. ENGINEERING NOTES 57 AND 74 ARE MODIFIED, AND NOTE 76 IS ADDED TO DEFINE APPLICATION REQUIREMENTS FOR THE NEW APPARATUS. TABLE A DESCRIPTIONS FOR LIST 25, LIST D40, AND LIST D41 ARE ADDED; STOCKLIST LINE ITEMS 1270, 2400, AND 2410 ARE ADDED.				
NDD5D003NW-904-CHANGE TAG 8326 IMPLEMENTS POINT ISSUE 13.1. MANUFACTURING NOTE 20 INCORRECTLY REFERENCES LIST 20, IT SHOULD REFERENCE LIST 19 TO AGREE WITH STOCKLIST LINE ITEM 1220.				
ORIG ISS: 10/15/96 NDD NBR: SEE ABOVE CHANGE CLASS: B/ME				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 03/19/98	ISSUE: 15
CHANGE TAG CN84508NW BRINGS IN A CLASS AC CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A, LIST 22A, AND ON STOCKLIST LINE 1251. A COMPONENT CHANGE ON THE UN593 CIRCUIT PACK UPGRADES IT TO A SERIES 5, IDENTIFIED BY CLEI E5DTMEFD.				
ORIG ISS: 10/15/96 NDD NBR: CN84508NW CHANGE CLASS: AC				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 04/22/98	ISSUE: 16

ISSUE NOTES (CONTINUED)				
THIS DRAWING IS BEING UPGRADED TO ISSUE 007 TO MODIFY THE TABLE A DESIGNATION STRIP DESCRIPTIONS FOR LISTS D36 & D37 THAT WERE IMPACTED BY CN74523NW, AND WERE INADVERTENTLY LEFT OUT OF ISSUE 006.				
ORIG ISS: 10/15/96 NDD NBR: CN74523NW CHANGE CLASS: AU				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 04/30/97	ISSUE: 7
ISSUE 008 OF THIS DRAWING BRINGS IN A CLASS AU CHANGE AFFECTING LIST 3 WHICH IS RERATED 'DA', AND IS REPLACED BY LIST 3A. ENGINEERING NOTE 56 IS MODIFIED TO SUPPORT LIST 3A, AND STOCKLIST LINE ITEM 1071 IS ADDED TO SUPPORT LIST 3A.				
ORIG ISS: 10/15/96 NDD NBR: CN74522NW CHANGE CLASS: AU				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 05/06/97	ISSUE: 8
ISSUE 009 OF THIS DRAWING ADDS SUPPORT FOR THE EXTENDED CONTROL DATA UNIT (XCDU). ENGINEERING NOTE 72 IS ADDED; LISTS 23, 24, D38, & D39 ARE ADDED. STOCKLIST ITEMS 1260, 2380, & 2390 ARE ADDED. ENGINEERING NOTE 69, MANUFACTURING NOTE 17, & STOCKLIST ITEMS 1051 & 1190 ARE MODIFIED.				
ORIG ISS: 10/15/96 NDD NBR: NDD5D003NW-766 CHANGE CLASS: B				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 05/14/97	ISSUE: 9
THIS DRAWING IS ADVANCED TO ISSUE 010 BY CN74539NW. A CLASS AC CHANGE HAS BEEN APPLIED TO LIST 19, 982YN, TO ADVANCE IT TO SERIES 4, AND ALLOW ITS COMPATIBILITY WITH UN539B IN VCDX-2000 APPLICATIONS.				
ORIG ISS: 10/15/96 NDD NBR: CN74539 CHANGE CLASS: AC				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 10/15/97	ISSUE: 10
THIS DRAWING IS ADVANCED TO ISSUE 011 BY CN74546NW. A CLASS AU CHANGE IS APPLIED AGAINST LIST 9A TO RERATE IT AS DA'D. LIST 9B IS ADDED AS THE REPLACEMENT. STOCKLIST LINE ITEM 1132 IS ADDED TO SUPPORT LIST 9B.				
ORIG ISS: 10/15/96 NDD NBR: CN74546NW CHANGE CLASS: AU				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 11/03/97	ISSUE: 11

ISSUE NOTES				
THIS IS THE INITIAL ISSUE OF THE SMPU5 UNIT J-DRAWING.				
ORIG ISS: 10/15/96 NDD NBR: NDD5D003NW-660 CHANGE CLASS: NEW				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 10/15/96	ISSUE: 1
CHANGE TAG H7837 IS ADDED WHICH SUPPORTS THE INTRODUCTION OF THE UN593 66MHZ CORE 60 CIRCUIT PACK WITH 64MB OF ON-BOARD MEMORY. THIS CIRCUIT PACK IS FOR INTERNATIONAL MARKETS ONLY. ENGINEERING NOTE 57 IS MODIFIED, ENGINEERING NOTE 74 IS ADDED, TABLE A DESCRIPTIONS FOR LISTS 22, D36, & D37 ARE ADDED, STOCKLIST LINES 1250, 2360, & 2370 ARE ADDED.				
ORIG ISS: 10/15/96 NDD NBR: NDD5D003NW-748 CHANGE CLASS: ME				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 02/27/97	ISSUE: 2
THIS DRAWING IS BEING ADVANCED TO ISSUE 003 TO IMPLEMENT CN74515NW INTO THE MANUFACTURING ENVIRONMENT.				
ORIG ISS: 10/15/96 NDD NBR: CN74515NW CHANGE CLASS: A				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 03/05/97	ISSUE: 3
ISSUE 004 OF THIS DRAWING BRINGS IN THE CLASS AC CHANGE WHICH IMPACTS THE UN560 UPGRADE TO SERIES 7. STOCKLIST ITEM 1080 DESCRIPTION REFLECTS SERIES 7 CLEI ESPQAVFA.				
ORIG ISS: 10/15/96 NDD NBR: CN74517NW CHANGE CLASS: AC				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 04/04/97	ISSUE: 4
NDD5D003NW-822 INTRODUCES THE UN539B APPLICATION PROCESSOR CONTROL CIRCUIT PACK. ENGINEERING NOTE 56 IS MODIFIED TO REFERENCE LIST 9A. LIST 9 IS RERATED 'DA', AND LIST 9A IS ADDED TO TABLE A AS ITS REPLACEMENT. STOCKLIST LINE 1131 IS ADDED TO SUPPORT THE UN539B.				
NDD5D003NW-823 INTRODUCES POINT CHANGE 2.1 INTO THE DRAWING. THE OKLAHOMA CITY MANUFACTURING ORAGNIZATION HAS REQUESTED PERMISSION TO REPLACE THE LIST B4 (158C) AND LIST B5 (158H) APPARATUS BLANKS WITH THE 158E (B4) AND 158F (B5). THEIR REASONING BRING IS THAT THE APPARATUS BLANKS SPECIFIED TO MOUNT IN THE ACTUAL CARD GUIDE FIT TOO LOOSELY AND COULD VIBRATE OUT. ENGINEERING NOTE 69 AND TABLE A DESCRIPTIONS B4 AND B5 ARE MODIFIED TO REFLECT THE 158E AND 158F. STOCKLIST LINE 1050 IS LINED-OUT AND REPLACED WITH 1051; STOCKLIST LINE 1060 IS LINED-OUT AND REPLACED WITH 1061.				
ORIG ISS: 10/15/96 NDD NBR: SEE BELOW CHANGE CLASS: B/ME				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 04/15/97	ISSUE: 5
ISSUE 006 OF THIS DRAWING BRINGS IN A CLASS AU CHANGE AFFECTING LIST 22 WHICH IS RERATED 'DA'. LIST 22A REPLACES LIST 22. ENGINEERING NOTES 57 AND 74 ARE MODIFIED TO REFLECT LIST 22A. STOCKLIST LINE ITEM 1251 IS ADDED TO SUPPORT LIST 22A.				
ORIG ISS: 10/15/96 NDD NBR: CN74523 CHANGE CLASS: AU				
DRAFT: FJS	ENGR: FJS	SUPV: FNG	CERTIFIED: 04/25/97	ISSUE: 6

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BT13

5ESS SWITCHING EQUIPMENT  
SPECIFICATION FOR  
SWITCHING MODULE PROCESSOR  
UNIT MODEL 5

DWG SIZE C2	ISSUE 47
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LUCENT TECHNOLOGIES INC J5D003NG-1

SHEET A1  
OF 15

	ISSUE NOTES (CONTINUED)	ISSUE NOTES (CONTINUED)	ISSUE NOTES (CONTINUED)	
	<p>CHANGE TAG CN84534NW BRINGS IN A CLASS AC CHANGE THAT MODIFIES THE DRAWING TO BETTER DESCRIBE AND SUPPORT SM2K APPLICATIONS THAT REQUIRE MULTIPLE MESSAGE HANDLERS. ENGINEERING NOTE 59 IS ENHANCED TO BETTER DESCRIBE MULTIPLE MESSAGE HANDLER REQUIREMENTS THE TABLE A DESCRIPTION FOR LIST 9B IS MODIFIED WITH REFERENCE TO ENGINEERING NOTE 59. LIST 9B IS MANDATORY WITH ANY APPLICATION/ FEATURE USING MULTIPLE MESSAGE HANDLERS. LABELING GRAPHICS ARE REQUIRED FOR USE WITH LIST 9B, THEREFORE REQUIRING THE ADDITION OF TABLE A DESCRIPTION FOR LIST D5. MISCELLANEOUS TABLE 5, "D9 TABLE", IS MODIFIED TO REFLECT THE USAGE OF LIST D5. MANUFACTURING NOTE 32 IS REWRITTEN TO SUPPORT DESIGNATION STRIP LABEL STAMPING REQUIREMENTS.</p> <p>CAROD EE07815 - 1999-03-25 - DESCRIBED A TYPOGRAPHICAL ERROR IN THE MISCELLANEOUS TABLE 5, "D9 TABLE", AND MANUFACTURING NOTE 28. THE "D9 TABLE" AND NOTE 28 REFERENCED ED5D075-11,G133. THIS SHOULD HAVE READ GROUP 132. THE "D9 TABLE" AND NOTE 28 ARE MODIFIED.</p> <p>ORIG ISS: 10/15/96 NDD NBR: CN84534NW CHANGE CLASS: AC</p> <p>DRAFT: FJS ENGR: FJS SUPV: FNG CERTIFIED: 03/25/99 ISSUE: 23</p>	<p>CHANGE TAG H8367 DRAWING MODIFICATION IS TWOFOLD. TO MEET THE "5ESS(R) SWITCH J-DRAWING REQUIREMENTS FOR THE SUPPORT OF CHEETAH INITIATIVES - ISSUE 4.6" AND ORDERING DRAWING REQUIREMENTS FOR THE ELIMINATION OF NUMERIC POINT ITEMS FOR 5ESS(R) SWITCH "B" SPECIFICATIONS".</p> <p>ENGINEERING NOTES 58, 59, 61, &amp; 63 WERE MODIFIED TO REMOVE ANY INFORMATION REGARDING THE ORDERING OF DESIGNATION STRIP LABELING. THIS INFORMATION IS NOW SUPPORTED IN ENGINEERING NOTE 73 WHICH WAS REWRITTEN TO COMPLY WITH THE PROCESS DOCUMENT. ENGINEERING NOTES 68, 69, AND 70 WERE MODIFIED TO REMOVE REFERENCE TO "B" LISTS AND REPLACE THEM WITH ACTUAL APPARATUS BLANK NOMENCLATURE. ENGINEERING NOTE 75 WAS MODIFIED TO REMOVE REFERENCE TO LISTS D38 &amp; D39. THESE LISTS ARE DA'D AND REPLACED BY THE STAMPING INFORMATION IN THE "D9 TABLE". ENGINEERING NOTES 499 AND 500 ARE ADDED PER THE PROCESS DOCUMENT. THE TABLE A DESCRIPTIONS FOR LISTS 1 &amp; 2 ARE MODIFIED TO ADD REFERENCE TO ENGINEERING NOTE 73. TABLE A DESCRIPTIONS FOR LISTS 3A, 7, 9B, 11, 12, 14, 15, 16, 18A, 19, 20, 21, 23, 24, F1, F2, F3, F4, G1, G2, K1, K2, K3, K4, K5, K6, K7, K8, K9, K10, K11, K12, K13, K14, &amp; K15 ARE MODIFIED TO REFERENCE ENGINEERING NOTE 500. TABLE A DESCRIPTIONS FOR LISTS 4, 5, 6, 8, 13, 17, 22A, AND 25A ARE MODIFIED TO ADD REFERENCE TO ENGINEERING NOTES 73 &amp; 500. LISTS B1, B2, B3, B4, &amp; B5 ARE RERATED DA; THEY ARE REPLACED BY LIST F5, THE APPARATUS BLANK KIT. LISTS D1, D2, D3, D4, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D32, D33, D34, D35, D36, D37, D38, D39, D40, D41, D42, &amp; D43 ARE RERATED DA; THEY ARE REPLACED BY STAMPING INFORMATION IN THE "D9 TABLE". MANUFACTURING NOTE 13 IS REWRITTEN TO SUPPORT LIST F5, THE APPARATUS BLANK KIT. MANUFACTURING NOTE 14 IS DELETED, ALL REQUIRED INFORMATION IS NOW IN MANUFACTURING NOTE 13. MANUFACTURING NOTES 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, &amp; 34 ARE ADDED TO SUPPORT DESIGNATION STRIP STAMPING INFORMATION IN THE "D9 TABLE." STOCKLIST LINES 2400 AND 2410 ARE MODIFIED TO SUPPORT POINT ISSUE 18.1. STOCKLIST LINE 2420 IS ADDED TO SUPPORT LIST F5. MISCELLANEOUS TABLE "D9 TABLE" IS ADDED. MISCELLANEOUS TABLE "APP BLNK EQUIP" IS ADDED. MISCELLANEOUS TABLES D4, D5, D6, D7, D8, AND D9 ARE DELETED PER THE PROCESS DOCUMENT.</p> <p>ORIG ISS: 10/15/96 NDD NBR: NDD5D003NW-918 CHANGE CLASS: ME</p> <p>DRAFT: FJS ENGR: FJS SUPV: FNG CERTIFIED: 01/06/99 ISSUE: 20</p>	<p>CHANGE TAG CN84512NW BRINGS IN A CLASS AU CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A, LIST 25, AND ON STOCKLIST LINE 1270. FIRMWARE MODIFICATIONS TO LIST 25 APPARATUS WERE REQUIRED TO ALLOW FUNCTIONALITY WITH GENERIC 5E11. LIST 25 IS REATED "DA" AND REPLACED WITH LIST 25A. STOCKLIST LINE 1271 IS ADDED TO SUPPORT THE NEW LIST 25A APPARATUS. TABLE A DESCRIPTIONS FOR LIST D40 AND D41 ARE MODIFIED TO SUPPORT LIST 25A. ENGINEERING NOTES 57, 74, AND 76 ARE MODIFIED.</p> <p>ORIG ISS: 10/15/96 NDD NBR: CN84512NW CHANGE CLASS: AU</p> <p>DRAFT: FJS ENGR: FJS SUPV: FNG CERTIFIED: 05/27/98 ISSUE: 17</p>	
	<p>NDD5D003NW-993 - CHANGE TAG H8603 MODIFIES THE DRAWING TO UPDATE ENGINEERING NOTE 76 AND THE TABLE A DESCRIPTION FOR LIST 25A TO INDICATE THE SOFTWARE UPDATES (SU'S) THAT APPLY TO LIST 25A (UN588) MIGRATION. THIS INFORMATION WAS NOT AVAILABLE WHEN LIST 4 AND LIST 22A WERE RERATED "DA".</p> <p>NDD5D003NW-994 - CHANGE TAG H8604 MODIFIES THE DRAWING TO INCLUDE NEW PROCESS INFORMATION FROM THE INTERNATIONAL GENERIC SOFTWARE RELEASE STRUCTURE. THE PRODUCT RELEASE (PR) NUMBER IS NOW REQUIRED TO BE ENTERED IN THE DRAWING IN SUPPORT OF THE NEW HARDWARE RELEASE. ENGINEERING NOTE 63 AND TABLE A DESCRIPTION FOR LIST 26 ARE MODIFIED TO REFLECT AN INTERNATIONAL SOFTWARE RELEASE OF 5E11.1(PR4). LIST 26 IS ALSO MODIFIED TO REFERENCE ENGINEERING NOTE 500.</p> <p>ORIG ISS: 10/15/96 NDD NBR: SEE ABOVE CHANGE CLASS: MF</p> <p>DRAFT: FJS ENGR: FJS SUPV: FNG CERTIFIED: 04/09/99 ISSUE: 24</p>	<p>NDD5D003NW-924 - CHANGE TAG H8377 UPGRADES THE DRAWING TO INCLUDE FEATURE 99-5E-3487 "5ESS(R) SWITCH LONG DISTANCE PLATFORM SUPPORT FOR PER CALL CONTROL OF BROADBAND ECHO CANCELLERS". ENGINEERING NOTES 59 AND 67, TABLE A DESCRIPTIONS FOR LISTS 17 AND 18A, AND MANUFACTURING NOTES 18 AND 19 ARE ALL MODIFIED TO REFLECT THEIR APPLICATION TO THE "PER CALL CONTROL OF BROADBAND ECHO CANCELLERS" FEATURE.</p> <p>NDD5D003NW-925 - CHANGE TAG H8378 MODIFIES DRAWING TO REFLECT THE "DISCONTINUED AVAILABILITY (DA)" OF THE UN560 AND UN593 CORE PROCESSOR APPARATUS. ENGINEERING NOTE 76 IS MODIFIED TO REFLECT THE REQUIREMENTS NECESSARY TO EQUIP THE UN588 IN PLACE OF THE UN560 OR UN593. LIST 4 AND LIST 22A ARE RERATED "DA" WITH LIST 25A AS THE FUNCTIONAL EQUIVALENT. REFERENCE TO ENGINEERING NOTE 76 IS ADDED TO THE TABLE A DESCRIPTIONS FOR LIST 4 AND LIST 22A. REPLACEMENT INFORMATION IS ADDED TO TABLE A DESCRIPTION FOR LIST 25A TO REFLECT ITS USE IN PLACE OF LIST 4 AND LIST 22A.</p> <p>ORIG ISS: 10/15/96 NDD NBR: SEE ABOVE CHANGE CLASS: B/ME</p> <p>DRAFT: FJS ENGR: FJS SUPV: FNG CERTIFIED: 01/14/99 ISSUE: 21</p>	<p>CHANGE TAG CN84526NW BRINGS IN A CLASS AC CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A, LIST 12, AND ON STOCKLIST LINE 1160. USE OF AN INCORRECT INTEGRATED CIRCUIT IN APPARATUS MANUFACTURED IN TAIWAN AND SPAIN RESULTED IN DIAGNOSTIC FAILURES. PROBLEM HAS BEEN RESOLVED; APPARATUS IS UPGRADED TO SERIES 5 AND IS IDENTIFIED BY CLEI E5PQAYLA.</p> <p>ORIG ISS: 10/15/96 NDD NBR: CN84526NW CHANGE CLASS: AC</p> <p>DRAFT: FJS ENGR: FJS SUPV: FNG CERTIFIED: 11/03/98 ISSUE: 18</p>	
	<p>CHANGE TAG CN94514NW BRINGS IN A CLASS AC CHANGE THAT MODIFIES THE FIRMWARE ON THE J5D003NG-1 LIST 26 APPARATUS, UN590. THE DESCRIPTION OF STOCKLIST LINE ITEM 1280 WILL SHOW THE NEW CLEI FOR UN590 AS E5PQA0FA WITH FE CLEI = E5PQAS9A.</p> <p>ORIG ISS: 10/15/96 NDD NBR: CN94514NW CHANGE CLASS: AC</p> <p>DRAFT: FJS ENGR: FJS SUPV: FNG CERTIFIED: 07/22/99 ISSUE: 25</p>	<p>CHANGE TAG H8640 MODIFIES THE DRAWING TO SUPPORT LIST 3C, UN589B POWER, CONTROL, &amp; DISPLAY APPARATUS. LIST 3B IS RERATED "DA" WITH LIST 3C AS THE FUNCTIONAL EQUIVALENT. ENGINEERING NOTE 56 IS MODIFIED TO REFERENCE LIST 3C. STOCKLIST LINE 1073 IS ADDED TO SUPPORT LIST 3C, UN589B COMCODE 108409020. MISCELLANEOUS TABLE 5 "D9 TABLE" IS MODIFIED TO SUPPORT LIST 3C FOR DESIGNATION STRIP GRAPHICS STAMPING.</p> <p>ORIG ISS: 10/15/96 NDD NBR: NDD5D003NW-1002 CHANGE CLASS: ME</p> <p>DRAFT: FJS ENGR: FJS SUPV: FNG CERTIFIED: 08/17/99 ISSUE: 26</p>	<p>CHANGE TAG H8327 UPGRADES THE DRAWING TO INTRODUCE SUPPORT FOR THE UN590, UDSC4, APPARATUS. ENGINEERING NOTE 63 IS MODIFIED; TABLE A DESCRIPTIONS FOR LISTS 26, D42, AND D43 ARE ADDED; STOCKLIST LINE ITEMS 1280, 2430, AND 2440 ARE ADDED TO SUPPORT THE NEW LIST ITEMS IN TABLE A.</p> <p>ORIG ISS: 10/15/96 NDD NBR: NDD5D003NW-905 CHANGE CLASS: B</p> <p>DRAFT: FJS ENGR: FJS SUPV: FNG CERTIFIED: 12/03/98 ISSUE: 19</p>	
	<p>CHANGE TAG H8617 MODIFIES THE DRAWING TO REDUCE CONFUSION SURROUNDING THE EQUIPAGE RULES FOR LIST 13, UN363, IN LDSF AND GDSF APPLICATIONS. ENGINEERING NOTE 63 IS MODIFIED. TABLE A DESCRIPTION FOR LIST 13 IS MODIFIED. ENGINEERING NOTE 70 IS MODIFIED TO SUPPORT LIST 26.</p> <p>ORIG ISS: 10/15/96 NDD NBR: NDD5D003NW-997 CHANGE CLASS: ME</p> <p>DRAFT: FJS ENGR: FJS SUPV: FNG CERTIFIED: 09/02/99 ISSUE: 27</p>	<p>CHANGE TAG CN84511NW MODIFIES THE DRAWING TO BRING IN A CLASS AU CHANGE IMPACTING LIST 3A. TESTING OF THE SM2K SWITCH REVEALED A SUSCEPTIBILITY OF LIST 3A, UN589, TO TRANSIENT NOISE INJECTED INTO THE SWITCH GROUNDING NETWORK. THE UN589 POWER, CONTROL, AND DISPLAY WAS HARDENED TO RESIST THIS FAULT TESTING. LIST 3A IS RERATED DA, BEING REPLACED BY LIST 3B. STOCKLIST LINE 1072 IS ADDED TO SUPPORT LIST 3B. ENGINEERING NOTE 56 IS MODIFIED TO REFLECT LIST 3B. MISCELLANEOUS TABLE RECORD 5, "D9 TABLE" IS MODIFIED TO REFLECT THE NEW LIST 3B IN PLACE OF LIST 3A FOR DESIGNATION STRIP PRINTING.</p> <p>ORIG ISS: 10/15/96 NDD NBR: CN84511NW CHANGE CLASS: AU</p> <p>DRAFT: FJS ENGR: FJS SUPV: FNG CERTIFIED: 02/12/99 ISSUE: 22</p>	<p>SEE PROPRIETARY NOTICE ON SHEET ONE</p> <p>COPYRIGHT © 2001 LUCENT TECHNOLOGIES UNPUBLISHED &amp; NOT FOR PUBLICATION ALL RIGHTS RESERVED</p>	
<p>J5D003NG-1</p>			<p>BT13</p> <p>5ESS SWITCHING EQUIPMENT SPECIFICATION FOR SWITCHING MODULE PROCESSOR UNIT MODEL 5</p> <p>DWG SIZE C2 ISSUE 47</p> <p>LUCENT TECHNOLOGIES INC J5D003NG-1 SHEET A2 OF 15</p>	

ISSUE NOTES (CONTINUED)	ISSUE NOTES (CONTINUED)	ISSUE NOTES (CONTINUED)
<p>CHANGE TAG CN04504 BRINGS IN A CLASS AC CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A, LIST 25A, AND STOCKLIST LINE 1271. A CHANGE TO CPLD'S ON THE UN588 CIRCUIT PACK UPDATES AM4, SERIES 5A TO SERIES 5B (IDENTIFIED BY CLEI E5PQA2AA) AND AM7, SERIES 7 TO SERIES 8 (IDENTIFIED BY CLEI E5PQA19A). STOCKLIST LINE 1271 UPDATED WITH NEW CLEI'S.</p> <p>ORIG ISS: 10/15/96 CHANGE CLASS: AC</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 05/26/00 ISSUE: 39</p>	<p>CHANGE TAG CN94532 BRINGS IN A CLASS AU CHANGE IMPACTING LIST 26, THE UN590 CIRCUIT PACK. NEW FIRMWARE IS BEING ADDED TO ELIMINATE THE FOLLOWING INTERMITTENT CONDITIONS: DIAGNOSTIC FAILURES, NO DIAL TONE OCCURRENCES, DROPPED CALLS, AND PIDB PARITY ERRORS SEEN DURING TESTING. LIST 26 IS RATED DA, BEING REPLACED BY LIST 26A. STOCKLIST ITEM 1281 IS ADDED TO SUPPORT LIST 26A. ENGINEERING NOTES 63 AND 70 ARE MODIFIED TO REFLECT LIST 26A. MISCELLANEOUS TABLE RECORD 5, "TABLE D9" IS MODIFIED TO REFLECT THE NEW LIST 26A IN PLACE OF 26 FOR DESIGNATION STRIP PRINTING.</p> <p>CHANGE CLASS FOR ISSUE 30 IS CORRECTED TO CLASS ME.</p> <p>ORIG ISS: 10/15/96 CHANGE CLASS: AU</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 12/08/99 ISSUE: 33</p>	<p>CHANGE TAG CN94523NW BRINGS IN A CLASS AC CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A LIST 7, KBN8B, AND ON STOCKLIST LINE 1110. FIRMWARE CHANGES ON THE KBN8B CIRCUIT PACK UPGRADE IT TO A SERIES 6 WITH A CLEI OF E5PQA02A.</p> <p>ORIG ISS: 10/15/96 NDD NBR: CN94523NW CHANGE CLASS: AC</p> <p>DRAFT: FJS ENGR: FJS SUPV: FNG CERTIFIED: 09/17/99 ISSUE: 28</p>
<p>CHANGE TAG H09085 UPDATES THE DRAWING TO PROVIDE SUPPORT FOR OPTICAL EXTENDED CONTROL AND DATA UNIT (OXU). TABLE A LISTS 27, 28, AND 29; STOCKLIST ITEMS 1290, 1300, AND 1310; ENGINEERING NOTE 77; AND MANUFACTURING NOTES 35 AND 36 WERE ADDED TO SUPPORT OXU. MANUFACTURING NOTE 34 COMPLETELY REWORDED TO INDICATE HEQL IS NOW A MULTIPURPOSE POSITION. STOCKLIST ITEM 1260 DESCRIPTION MODIFIED TO SPECIFY EQUIPPAGE FOR XCDU. TABLE D9 MODIFIED TO ADD INFORMATION FOR DESIGNATION STRIP LABEL FOR UN599 CIRCUIT PACK.</p> <p>ORIG ISS: 10/15/96 CHANGE CLASS: B</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 08/15/00 ISSUE: 40</p>	<p>CHANGE TAG H8819 - LIST 3B (UN589) RATING CHANGED TO DA AND LIST 3C (UN589B) RATING CHANGED FROM NRTO TO GA. EXCESS PARTS AVAILABILITY FOR MANUFACTURING THE UN589 CIRCUIT PACK HAS BEEN DEPLETED. THIS CHANGE IS IMPLEMENTED AT THE REQUEST OF OKLAHOMA CITY MANUFACTURING.</p> <p>ORIG ISS: 10/15/96 NDD NBR: NDD5D003NW-1052 CHANGE CLASS: MF</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 12/14/99 ISSUE: 34</p>	<p>H8763 - LIST 3C (UN589B) RATING CHANGED FROM GA TO NRTO AND LIST 3B (UN589) RATING CHANGED FROM DA TO GA. THIS CHANGE IS IMPLEMENTED AT THE REQUEST OF OKLAHOMA CITY MANUFACTURING. EXCESS PARTS AVAILABILITY ALLOWS LIST 3B TO BE MANUFACTURED UNTIL 01/31/00.</p> <p>ORIG ISS: 10/15/96 NDD NBR: NDD5D003NW-1032 CHANGE CLASS: MF</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 09/27/99 ISSUE: 29</p>
<p>CHANGE TAG C04509 UPDATES DRAWING FOR CLASS AC CHANGE C04509NW. TABLE A LISTS 30 AND 31 ADDED FOR 982CAJ AND 982CAK PADDLEBOARDS, RESPECTIVELY. STOCKLIST ITEMS 1320 AND 1330 ADDED, ENGINEERING NOTE 56 MODIFIED, AND MANUFACTURING NOTE 37 ADDED TO SUPPORT LISTS 30 AND 31. TABLE A LIST 25A UPDATED TO REFERENCE ENGINEERING NOTE 56. LISTS 30 AND 31 ARE REQUIRED WHEN THE SMPU5 IS EQUIPPED WITH THE UN588 CIRCUIT PACK (LIST 25( )).</p> <p>ORIG ISS: 10/15/96 CHANGE CLASS: AC</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 12/01/00 ISSUE: 41</p>	<p>CHANGE TAG H8783 - UPDATES DRAWING TO PROVIDE HARDWARE SUPPORT FOR 7R/E PLS APPLICATION. THE FOLLOWING WERE MODIFIED TO ADD 7R/E INFORMATION: ENGINEERING NOTES 59, 62, 64, AND 67; TABLE A DESCRIPTIONS FOR LISTS 14, 17, 18A, AND 20; MANUFACTURING NOTES 16, 18, AND 19; STOCKLIST ITEMS 1200 AND 1211 DESCRIPTIONS.</p> <p>ORIG ISS: 10/15/96 NDD NBR: NDD5D003NW-1040 CHANGE CLASS: B</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 01/14/00 ISSUE: 35</p>	<p>CHANGE TAG CN94527 BRINGS IN A CLASS AU CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A, LIST 4 AND STOCKLIST LINE 1080 AND TABLE A, LIST 22A AND STOCKLIST LINE 1251. A COMPONENT CHANGE ON THE UN560 (LIST 4) UPGRADES IT TO LIST 4A. STOCKLIST ITEM 1081 IS ADDED TO SUPPORT LIST 4A. A COMPONENT CHANGE ON THE UN593 (LIST 22A) UPGRADES IT TO LIST 22B. STOCKLIST ITEM 1252 IS ADDED TO SUPPORT LIST 22B. BOTH LISTS 4A AND 22B ARE RATED AS DA, WITH THE FE BEING LIST 25A, UN588. TABLE A LIST 25A UPDATED TO REFLECT BEING THE REPLACEMENT FOR LISTS 4 AND 22A. ENG. NOTES 57, 74, AND 76 AND TABLE D9 REFERENCES TO LISTS 4 AND 22A WERE MODIFIED TO LISTS 4A AND 22B, RESPECTIVELY. UN560 IS UPGRADED TO SERIES 10 &amp; UN593 TO SERIES 6.</p> <p>ORIG ISS: 10/15/96 NDD NBR: CN94527 CHANGE CLASS: AU</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 10/11/99 ISSUE: 31</p>
<p>CHANGE TAG H09197. ENGINEERING NOTE 78 ADDED TO CROSS REFERENCE LISTS OF J5D003NG-1 WITH LISTS OF J5D003NA-1 (SMPU4), WHICH ARE THE FUNCTIONAL EQUIVALENT. REFERENCE TO ENG. NOTE 78 ADDED TO TABLE A LISTS 5, 6, 7, 8, 9B, 11, 17, AND 18A.</p> <p>ORIG ISS: 10/15/96 CHANGE CLASS: ME</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 02/23/01 ISSUE: 42</p>	<p>CHANGE TAG H09032 - UPDATES DRAWING TO PROVIDE HARDWARE SUPPORT FOR DISTINCTIVE REMOTE MODULE (DRM). THE FOLLOWING WERE MODIFIED TO ADD REFERENCE TO DRM: ENGINEERING NOTES 54, 59, 62, 64, 67; TABLE A DESCRIPTIONS FOR LISTS 17, 18A, 19, 20, 21, K7, K8, K9, K10, K11, K12, K13, K14, K15; MANUFACTURING NOTES 18, 19, 22; STOCKLIST ITEMS 1200 AND 1211 DESCRIPTIONS.</p> <p>ORIG ISS: 10/15/96 NDD NBR: H09032 CHANGE CLASS: B</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 03/10/00 ISSUE: 36</p>	<p>CHANGE TAG CN94525NW BRINGS IN A CLASS AC CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A, LIST 25A, AND ON STOCKLIST LINE 1271. A FIRMWARE CHANGE TO THE UN588 CIRCUIT PACK UPGRADES AM4, SERIES 5 TO SERIES 5A (IDENTIFIED BY CLEI E5PQA1CA), AND AM7, SERIES 6 TO SERIES 7 (IDENTIFIED BY CLEI E5PQA04A).</p> <p>ORIG ISS: 10/15/96 NDD NBR: CN94525NW CHANGE CLASS: AC</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 10/19/99 ISSUE: 32</p>
<p>CHANGE TAG H09226 UPDATES DRAWING TO INCLUDE OXU UNEQUIPPED PORT PADDLEBOARD, OXU MODE ACTIVATION JUMPER, OXU PORT EQUIPPAGE WHEN EQUIPPED WITH DRM, REQUIRE EQUIPPAGE OF UN539B FOR OFFICES WITH 5E15 AND LATER, AND CORRECT REFERENCES TO 30 CHANNEL T1 MODE TO 30 CHANNEL E1 MODE.</p> <p>IN TABLE A, IN LIST 15, CHANGED "30 CHANNEL T1" TO "30 CHANNEL E1"; IN LIST 29, CHANGED "(OCLI)" TO "(CPLI)"; ADDED LIST 32 AND 33; LIST K5 RATED DA, WITH FE:J5D003NB-2, LK2; LIST K6 RATED DA, WITH FE:ED5D734-14, G10C, G10D, AND G16. IN STOCKLIST ITEM 1190, ADDED LIST 32. ADDED STOCKLIST ITEM 1340.</p> <p>IN ENGINEERING NOTE 65, CHANGED "30 CHANNEL T1" TO "30 CHANNEL E1".</p> <p>IN ENGINEERING NOTE 66, CHANGED "UN589" TO "UN589( )".</p> <p>IN ENGINEERING NOTE 77, IN FIRST PARAGRAPH, ADDED REFERENCE TO LISTS 32 AND 33 AND ADDED THREE ADDITIONAL PARAGRAPHS AT THE END. IN MANUFACTURING NOTE 17, ADDED INFORMATION FOR LIST 32 (OPTION ZN).</p> <p>ORIG ISS: 10/15/96 CHANGE CLASS: ME</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 03/12/01 ISSUE: 43</p>	<p>CHANGE TAG CN04507 BRINGS IN A CLASS AU CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A, LIST 3C, AND STOCKLIST ITEM 1073. COMPONENTS ARE BEING CHANGED AND ADDED TO CIRCUIT PACK UN589B TO ELIMINATE PROBLEMS WITH THE PACK FAILING TO POWER UP. TABLE A, LIST 3C IS RATED DA, BEING REPLACED WITH LIST 3D. STOCKLIST ITEM 1074 IS ADDED TO SUPPORT LIST 3D. ENGINEERING NOTE 56 IS MODIFIED TO REFLECT LIST 3D. MISCELLANEOUS TABLE RECORD 5, "TABLE D9", IS MODIFIED TO REFLECT THE NEW LIST 3D IN PLACE OF 3C FOR DESIGNATION STRIP PRINTING.</p> <p>ORIG ISS: 10/15/96 CHANGE CLASS: AU</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 03/29/00 ISSUE: 37</p>	<p>CHANGE TAG CN94535NW BRINGS IN A CLASS AC CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A, LIST 3B AND ON STOCKLIST LINE 1072. A COMPONENT CHANGE ON THE UN589 CIRCUIT PACK UPGRADES SERIES 3 TO SERIES 4, WITH A CLEI OF E5PQA1TA.</p> <p>ORIG ISS: 10/15/96 CHANGE CLASS: AC</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 04/20/00 ISSUE: 38</p>
<p>CHANGE TAG H09226 UPDATES STOCKLIST ITEM 1340 TO INCLUDE DATA INADVERTENTLY OMITTED IN ISSUE 43.</p> <p>ORIG ISS: 10/15/96 CHANGE CLASS: ME</p> <p>DRAFT: ESK ENGR: ESK SUPV: FNG CERTIFIED: 04/03/01 ISSUE: 44</p>		

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BT13

5ESS SWITCHING EQUIPMENT  
SPECIFICATION FOR  
SWITCHING MODULE PROCESSOR  
UNIT MODEL 5

DWG SIZE C2	ISSUE 47
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ENGINEERING NOTES

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- TO THE WORKSTATION IS THEN COMPLETED WITH A LIST K14 OR K15 WHICH ARE SHIELDED 25 AND 50 FEET IN LENGTH RESPECTIVELY.
- THE CRAFT INTERVENTION KEY IN THE ALARM STATUS UNIT 2 IS INTERFACED TO THE SMPU5 LIST 20 (9822DU) ON SIDE 0 AND SIDE 1 WITH CABLE ASSEMBLY ED5D678-12 G20. THIS CABLE IS SUPPLIED AS AN INTEGRAL PART OF THE ASU2 WHEN IT IS ORDERED.
55. RESERVED FOR FUTURE CABLING INFORMATION.
56. ONE LIST 3B, 3C, OR 3D, LIST 7, AND LIST 9, 9A, OR 9B ARE ALWAYS REQUIRED EQUIPPED IN LIST 1 AND LIST 2 OF THE DUPLEX SMPU5 ASSEMBLY FOR ALL APPLICATIONS. LIST 3B, 3C OR 3D IS EQUIPPED AT 04-014, LIST 7 AT 04-061, AND LIST 9, 9A, OR 9B AT 04-106.
- LIST 30, 982CAJ, IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1, WHEN EQUIPPED WITH LIST 25A (UN588). LIST 31, 982CAK, IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 2, WHEN EQUIPPED WITH LIST 25A (UN588). WHEN ORDERING LIST 25A (UN588) FOR CORE BOARD UPGRADES, ED5D833-30, GROUP 7, MUST BE ORDERED TO PROVIDE THESE PADDLE-BOARDS AND ASSOCIATED APPARATUS MOUNTINGS.
- FOR OFFICES EQUIPPED WITH SOFTWARE RELEASE 5E15 AND LATER, LIST 9B (UN539B) IS REQUIRED.
57. ONE LIST 4A MUST ALWAYS BE EQUIPPED, IN EACH LIST 1 AND LIST 2 AT 04-032, IN SUPPORT OF SOFTWARE GENERICS 5E10.1A/5EE7.1V AND LATER. LIST 4A IS MUTUALLY EXCLUSIVE OF LIST 22C AND LIST 25A REFER TO ENGINEERING NOTES 74 AND 76 FOR RESTRICTIONS ON LIST 22C AND LIST 25A EQUIPPAGE.
58. LISTS 5 & 6, TN1685 (32MB) AND TN1806 (64MB) ARE OPTIONAL MEMORY CIRCUIT PACKS THAT CAN BE EQUIPPED AS NEEDED IN EACH SMPU5 SHELF AT EQL'S 04-042 AND 04-052 (EQUIP 042 FIRST). THE LISTS MAY BE MIXED WITH THE TYPES/QUANTITIES ORDERED BASED ON EACH INDIVIDUAL SM'S APPLICATION. LISTS 1 & 2 (SIDE 0 & SIDE 1) MUST BE EQUIPPED IDENTICALLY. THE MAXIMUM MEMORY CAPACITY THAT CAN BE EQUIPPED IS 192MB (HARDWARE LIMITATION); LIST 4 + 2-LIST 6
59. EACH SMPU5 SHELF ASSEMBLY CAN SUPPORT A MINIMUM OF ONE, UP TO A MAXIMUM OF THREE LIST 8 UN538 MESSAGE HANDLER CIRCUIT PACKS FOR STANDARD SM2000 OR EXM2000 APPLICATIONS. QUANTITIES SHALL BE ENGINEERED PER INDIVIDUAL SM NEEDS/REQUIREMENTS. THIS PACK MUST BE EQUIPPED LEFT TO RIGHT ACROSS EQL 04-080, 04-088, AND 04-096.
- A MAXIMUM OF ONE LIST 8 (UN538) MUST BE EQUIPPED FOR STANDARD 5ESS-2000 ENVIRONMENTS. IF DNU-S OR RAIU APPLICATIONS ARE TO BE SUPPORTED THE MH1 SLOT, 04-088, MUST BE EQUIPPED ON EACH SHELF, SIDE 0 AND SIDE 1. IT IS MANDATORY FOR ALL MULTIPLE MESSAGE HANDLER APPLICATIONS THAT LIST 8 (UN538) BE EQUIPPED WITH LIST 9B (UN539B) FOR PROPER FUNCTIONALITY.
- WHEN EQUIPPING THE VCDX-2000 FEATURE, 5E9(2)/5EE7.1 AND LATER, OR THE DISTINCTIVE REMOTE MODULE (DRM) FEATURE, 5E14FR1 AND LATER, A LIST 17 MHEIB (UN584) IS EQUIPPED AT THE MH0 POSITION, 04-080, IN PLACE OF LIST 8, UN538. LIST 8 MAY BE EQUIPPED AT MH1 AND MH2, 04-088 AND 04-096, OF EACH SMPU5 SHELF IF ADDITIONAL MH SUPPORT IS REQUIRED FOR VCDX-2000 OR DRM APPLICATIONS. LIST 9B MUST ALSO BE EQUIPPED IF THIS ADDITIONAL MH SUPPORT IS REQUIRED.
- IF EQUIPPING THE REAL TIME CALL DETAIL FEATURE, 5E12 OR LATER, OR THE PER CALL CONTROL OF BROADBAND ECHO CANCELLERS FEATURE, 5E13 AND LATER, A LIST 17 MHEIB (UN584) MUST BE EQUIPPED AT THE MH2 POSITION, 04-096. THE MH0, 04-080, AND MH1, 04-088, POSITIONS CAN BE EQUIPPED AS REQUIRED WITH LIST 8, UN538, TO SUPPORT STANDARD 5ESS(R)-2000 APPLICATIONS/REQUIREMENTS. LIST 9B MUST ALSO BE EQUIPPED IF THIS ADDITIONAL MH SUPPORT IS REQUIRED.
- IF EQUIPPING FOR THE 7R/E APPLICATION, A LIST 17 MEHIB (UN584) MUST BE EQUIPPED AT THE MH0 POSITION, 04-080, AND A SECOND LIST 17 MEHIB (UN584) MUST BE EQUIPPED AT THE MH2 POSITION, 04-096. THE MH1 POSITION, 04-088, IS NOT EQUIPPED. LIST 9B (UN539B) MUST ALSO BE EQUIPPED.
- REFER TO CN84534NW.
- GROWTH ORDERS FOR THESE LISTS, WHETHER THEY BE FACTORY OR FIELD EQUIPPED, MUST INCLUDE THE CABLE KIT ORDERING INFORMATION FOR INTERCONNECTING THE MESSAGE HANDLER UPDATE BUSES FROM SIDE 0 TO SIDE 1. REFER TO ENGINEERING NOTE 53 AND ED5D734-40 FOR CABLE KIT INFORMATION.
60. RESERVED
61. ONE LIST 11 MAY BE EQUIPPED PER SMPU5 UNIT SHELF ASSEMBLY TO SUPPORT EITHER A 10 MB/SEC PACKET SWITCHED UNIT (PSU) OR A 100 MB/SEC ENHANCED PACKET SWITCH UNIT (PSU2) INTERFACE. THIS

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ENGINEERING NOTES

51. INFORMATION CONTAINED IN THIS DRAWING IS IN ACCORDANCE WITH ALL LUCENT TECHNOLOGY PRACTICES.
52. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. THE SMPU5 IS SUPPORTED BY GENERIC SOFTWARE LOADS 5E11/5EE9 AND LATER.
53. ONE OF EACH UNIT SHELF ASSEMBLY, LIST 1 AND LIST 2, ARE REQUIRED TO CREATE A COMPLETE SMPU5 SHELF UNIT. EACH SHELF ASSEMBLY WITH ITS ASSOCIATED LIST ITEMS IS TO BE TREATED AS AN INDEPENDENT UNIT FOR BOTH MANUFACTURING AND ORDERING PURPOSES.
- NUMEROUS CABLES AND CABLE KITS EXIST TO SUPPORT THE SMPU5. THIS ENGINEERING NOTE WILL DESCRIBE IN BRIEF THOSE WHICH EXIST, WITH UPDATES BEING MADE AS REQUIRED. CABLE KITS ORDERABLE FROM THIS DRAWING ARE DOCUMENTED AS "K" LISTS AND SHOULD BE ORDERED PER APPLICATION. ENGINEERABLE CABLING, SUCH AS PIDB AND PICB CABLES, ARE NOT SUPPORTED IN THE "K" LISTS. THEY REQUIRE STAMPING INFORMATION TO BE SUPPLIED WITH THE ORDER AND MAY BE FOUND IN ED5D734-10.
- ED5D734-15, G11 IS THE REQUIRED POWER AND RETURN DISTRIBUTION CABLE ASSEMBLY FOR AN SMPU5 IN THE 5ESS-2000 SMC CABINET.
- ED5D734-40, G8 IS A CONNECTORIZED CABLE ASSEMBLY KIT WHICH IS REQUIRED IN ALL SMPU5 ORDERS. IT IS USED TO INTERCONNECT THE BUS SERVICE NODE (BSN) AND FIRST MESSAGE HANDLER (MH0) OF SIDE 0 TO THOSE OF SIDE 1 TO PROVIDE UPDATE BUS CAPABILITIES. THE KIT ALSO INCLUDES SIX GROUND STRAPS WHICH ELECTRICALLY BOND THE UNIT SHELVES TOGETHER. ORDER LIST K1.
- ED5D734-40, G9 IS A CONNECTORIZED CABLE KIT WHICH SUPPORTS THE ADDITION OF THE SECOND MESSAGE HANDLER (MH1) TO EACH SHELF BY PROVIDING UPDATE BUS CAPABILITIES. ORDER LIST K2.
- ED5D734-40, G10 IS A CONNECTORIZED CABLE KIT WHICH SUPPORTS THE ADDITION OF THE THIRD MESSAGE HANDLER (MH2) TO EACH SHELF BY PROVIDING UPDATE BUS CAPABILITIES. ORDER LIST K3.
- ED5D734-40, G2 IS A CONNECTORIZED CABLE KIT USED TO INTERCONNECT SMPU5 SHELVES TO A TSU4. THE KIT CONTAINS THE CABLES WHICH PROVIDE THE CONTROL & DISPLAY, STCL, AND MCP INTERCONNECT BETWEEN THE SMPU5 PCD AND APC CIRCUITS AND THE TSU4 POWER CONVERTERS AND TSI COMMON CIRCUITS. ORDER LIST K4.
- ED5D734-40, G4 IS A CONNECTORIZED CABLE KIT USED TO INTERCONNECT SMPU5 SHELVES TO A TSU4-2. THE KIT CONTAINS THE CABLES WHICH PROVIDE THE CONTROL & DISPLAY, STCL, AND MCP INTERCONNECTION BETWEEN THE SMPU5 PCD AND APC CIRCUITS AND THE TSU4-2 POWER CONVERTERS AND TSI COMMON CIRCUITS. ORDER LIST K5.
- ED5D734-40, G17 IS A CONNECTORIZED CABLE KIT WHICH INTERCONNECTS THE SMPU5 PCD CIRCUIT WITH THE SM CABINET FAN UNIT AND MODULAR FUSE FILTER UNIT ALARM CIRCUITS. ORDER LIST K6.
54. THE FOLLOWING CABLE ASSEMBLIES DESCRIBED IN THIS NOTE ARE DESIGNED TO SUPPORT THE SMPU5 IN THE VCDX-2000 OR DRM APPLICATIONS. CABLES ARE AVAILABLE FOR EITHER AN EMC OR NON-EMC ENVIRONMENT AND SHOULD BE ORDERED AS REQUIRED. REFER TO SD5D534-01 FOR APPLICATION SCHEMATIC DATA.
- ED5D765-12 G7, G8, AND G9 ARE THE COAXIAL ETHERNET CABLES, REQUIRED IN BOTH EMC AND NON-EMC ENVIRONMENTS. THEIR FUNCTION IS TO PROVIDE THE ETHERNET LINK FROM THE SMPU5 TO THE WORKSTATION. THE G7 CABLE LINKS THE SIDE 0 TO SIDE 1 ETHERNET TRANSCIEVERS TOGETHER; G8 EXTENDS THIS LINK TO THE BULKHEAD COAXIAL CONNECTOR MOUNTED IN THE SM FRAME (NON-EMC CABINET) OR THE GLOBAL CABLE RACK (EMC CABINET). THE G9 CABLE COMPLETES THE LINK FROM THE BULKHEAD CONNECTOR TO THE ETHERNET PORT OF THE WORKSTATION. ORDER LISTS K7, K8, AND K9. ONE OF EACH IS REQUIRED FOR EACH VCDX-2000 OR DRM INSTALLATION. FOR WORKSTATIONS EQUIPPED WITH SPARC 5, COAXIAL TEE CONNECTORS AND TERMINATORS ARE LIST ITEMS ORDERED FROM THE WORKSTATION DRAWING, ED5D764-30. FOR APPLICATIONS EQUIPPED WITH SUN NETRA-T 1120 WORKSTATIONS, THESE ITEMS ARE ORDERED BY LIST K16 OF THIS DRAWING.
- LISTS K10, K11, K12, AND K13 ARE D8W TYPE MODULAR PLUG CABLING WHICH FACILITATE THE INTERCONNECTS FROM LIST 19 (982YN) IN BOTH EMC AND NON-EMC ENVIRONMENTS. K10, 107330839, PROVIDES THE CPI CROSS-CONNECT FROM SIDE 0 TO SIDE 1. THIS CABLE IS KEYED SO AS TO ONLY PERMIT ITS INTERFACE WITH THE CPI PORT OF EACH LIST 19. THE SECOND PORT ON THE LIST 19 (982YN) IS AN RS232 INTERFACE TO THE WORKSTATION, AND ACCEPTS ANY OF LIST K11, K12, OR K13 CABLES. LIST K11 (103786828) OR K12 (103866109) ARE 25 AND 50 FEET IN LENGTH AND TWO OF EACH PROVIDE THE RS232 INTERCONNECT FROM SIDE 0 AND SIDE 1 TO THE WORKSTATION IN THE NON-EMC ENVIRONMENT. THE WORKSTATION REQUIRES A LIST 21 ADAPTER AT EACH RS232 PORT TO PERFORM THE MODULAR PLUG TO DB25 CONVERSION. IN AN EMC ENVIRONMENT IT WILL BE NECESSARY TO COMBINE A LIST 16 AND A LIST 21 FOR SIDE 0 AND SIDE 1 (2 OF EACH REQUIRED) TO CONNECT THE RS232 INTERFACE TO THE BULKHEAD OF THE GLOBAL CABLE RACK. THE INTERCONNECTION

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ISSUE NOTES (CONTINUED)

CHANGE TAG CNCA4508 BRINGS IN A CLASS AU CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A, LIST 22B AND STOCKLIST LINE 1252. A COMPONENT CHANGE ON THE UN593 (LIST 22B) UPGRADES IT TO LIST 22C. STOCKLIST ITEM 1253 IS ADDED TO SUPPORT LIST 22C. LIST 22C IS RATED DA, WITH THE FE BEING LIST 25A. TABLE A LIST 22B IS UPDATED TO REFLECT LIST 22C AS AN FE. TABLE A LIST 25A UPDATED TO REFLECT BEING THE REPLACEMENT FOR LIST 22C. ENG NOTES 57, 74, AND 76 AND TABLE D9 REFERENCES TO LIST 22B MODIFIED TO LIST 22C. UN593 IS UPDATED TO SERIES 7.

CHANGE TAG CNCA4513 BRINGS IN A CLASS AC CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A LIST 4A AND STOCKLIST ITEM 1081. A COMPONENT CHANGE ON THE UN560 CIRCUIT PACK UPGRADES IT TO SERIES 10:11 WITH A CLEI OF E5PQA3SA, WITH CLEI E5PQA1HA AS FE.

ORIG ISS: 10/15/96 CHANGE CLASS: AU

DRAFT: ESK	ENGR: ESK	SUPV: FNG	CERTIFIED: 06/11/01	ISSUE: 45
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CHANGE TAG CNCA4514 BRINGS IN A CLASS AC CHANGE AFFECTING THE APPARATUS DEFINED IN TABLE A, LIST 7. THE KBN8B CIRCUIT PACK IS BEING UPDATED TO SERIES 7 (1:7) TO RESOLVE INTERMITTENT MATE ADDRESS PARITY ERRORS. STOCKLIST ITEM 1110 IS UPDATED TO SHOW NEW CLEI E5PQA3WA, WITH E5PQA02A AS THE FE.

ORIG ISS: 10/15/96 CHANGE CLASS: AC

DRAFT: ESK	ENGR: ESK	SUPV: FNG	CERTIFIED: 06/20/01	ISSUE: 46
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CHANGE TAG H09362 UPDATES DRAWING TO ADD ETHERNET T-CONNECTORS AND TERMINATING RESISTOR FOR APPLICATIONS EQUIPPED WITH SUN NETRA-T 1120 WORKSTATIONS. TABLE A LIST K16 ADDED. STOCKLIST ITEMS 1750 AND 1760 ADDED. ENG NOTES 54 AND 67 AND MFG NOTE 22 MODIFIED. MFG NOTE 38 ADDED.

ORIG ISS: 10/15/96 CHANGE CLASS: ME

DRAFT: ESK	ENGR: ESK	SUPV: FNG	CERTIFIED: 07/11/01	ISSUE: 47
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BT13

5ESS SWITCHING EQUIPMENT  
SPECIFICATION FOR  
SWITCHING MODULE PROCESSOR  
UNIT MODEL 5

DWG SIZE C2	ISSUE 47
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LUCENT TECHNOLOGIES INC J5D003NG-1

SHEET A4  
OF 15

ENGINEERING NOTES

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MATION AND LABEL MATERIAL. TABLE D9 PROVIDES REFERENCE TO APPROPRIATE STAMPING INFORMATION ONLY. DESIGNATION STRIP MATERIAL IS PROVIDED IN THE FINAL ASSEMBLY KIT FOR EACH UNIT.  
 WHEN MULTIPLE FEATURES ASSOCIATED WITH A GIVEN CIRCUIT PACK ARE BEING SPECIFIED, ONLY ONE D LIST SHOULD BE ORDERED. SPECIFY ONLY THE HIGHEST D LIST NUMBER APPROPRIATE FOR THE DESIRED FEATURE SET

74. LIST 22C IS MUTUALLY EXCLUSIVE OF LIST 4A AND LIST 25A. ONE LIST 22C MAY BE EQUIPPED IN EACH LIST 1 AND LIST 2, AT 04-032, IN SUPPORT OF ANY INTERNATIONAL OFFICE/CUSTOMER THAT HAS IMPLEMENTED 5EE7.1 (SU), 5EE8.1 (SU), OR 5EE9.1(SU).

75. LIST 23 & 24 ARE REQUIRED TO SUPPORT XCDU (J5D003NF-1).

LIST 23, UN555 (APCK), IS EQUIPPED AT 04-072 OF EACH LIST 1 AND LIST 2 TO PROVIDE AN INTERFACE PORT BETWEEN THE SMPU5 AND THE EXTENDED CONTROL DATA UNIT (XCDU). THE INTERFACE LINK IS MADE WITH JOB ENGINEERED CABLES DESCRIBED IN ED5D734-20. EACH SMPU5 CAN PHYSICALLY INTERCONNECT WITH A MAXIMUM OF THREE (3) XCDU SHELVES THAT ARE LOCATED NO FURTHER THEN 34 CABLE FEET AWAY.

ONE LIST 24, 963E-2 CONNECTOR (OPTION ZH) IS REQUIRED TO BE EQUIPPED ON EACH SMPU5 SHELF ASSEMBLY, LIST 1 AND LIST 2, TO ACTIVATE THE XCDU MODE.

EQL POS	ORIENTATION	PIN CONNECTED
04-011-017	HORIZ	04-012-017

76. LIST 25A, UN588, IS THE FUNCTIONAL EQUIVALENT FOR LIST 4A, UN560, AND LIST 22C, UN593. IT IS CIRCUIT COMPATIBLE BUT "NOT" SOFTWARE TRANSPARENT IN FUNCTIONALITY. SOFTWARE UPDATES (SU'S) MUST BE IMPLEMENTED IN THE SM TO ACHIEVE OPERATIONAL FUNCTIONALITY. THE UN588 IS SU'D BACK TO GENERIC 5E11.1 IN THE NAR MARKET AND TO 5EE8.1 IN THE INTERNATIONAL MARKET (5EE9.1 IS NOT SUPPORTED). IT MUST ALSO BE NOTED THAT THE UN588 CANNOT UNDER ANY CIRCUMSTANCES BE MIXED IN FUNCTIONAL UNIT SHELVES OF THE SMPU5 WITH THE UN560/UN593.

77. LISTS 27, 28, 32 AND 33 ARE REQUIRED TO SUPPORT OXU (J5D003NH-1). LIST 29 IS OPTIONALLY REQUIRED FOR OXU.

LIST 27, UN599 (APCO), IS EQUIPPED AT 04-072 OF EACH LIST 1 AND LIST 2 TO PROVIDE AN INTERFACE PORT BETWEEN THE SMPU5 AND THE OPTICAL EXTENDED CONTROL AND DATA UNIT (OXU).

EACH SMPU5 CAN PHYSICALLY INTERFACE WITH A MAXIMUM OF EIGHT OXU SHELVES THAT ARE EQUIPPED A MAXIMUM OF 2000 FEET AWAY.

THE INTERFACE LINK BETWEEN THE SMPU5 AND EACH OXU IS MADE WITH JOB ENGINEERED FIBER OPTIC CABLES DESCRIBED IN ED5D872-10 AND ED5D872-11. THE CABLES INTERFACE INTO THE SMPU5 VIA CONTROL PERIPHERAL LINK INTERFACE (CPLI) PADDLEBOARDS (BKJ2 OR BKJ1) EQUIPPED ON THE BACKPLANE BEHIND THE APCO CIRCUIT PACK. ONE PADDLEBOARD IS REQUIRED FOR EACH OXU THAT IS EQUIPPED, ACCORDING TO THE FOLLOWING TABLE. NOTE THAT BKJ2 0 IS ALWAYS REQUIRED IF THE OXU FEATURE IS EQUIPPED IN STANDARD SM-2000, EXM-2000, DRM, RTCD, OR PER CALL CONTROL OF BROADBAND ECHO CANCELLER APPLICATIONS

OXU	BKJ PADDLEBOARD	EQL	PORT NUMBER
OXU1	BKJ2 0	04-072-100	1
OXU2	BKJ2 1	04-072-113	2
OXU3	BKJ2 2	04-072-132	3
OXU4	BKJ2 3	04-072-145	4
OXU5	BKJ1 0	04-072-400	5
OXU6	BKJ1 1	04-072-413	6
OXU7	BKJ1 2	04-072-432	7
OXU8	BKJ1 3	04-072-445	8

WHEN EQUIPPING OXU IN AN SMPU5 WITH THE VCDX-2000 FEATURE OR DRM, THE BKJ2 AND BKJ1 MAY BE EQUIPPED ONLY IN THE TOP FOUR PORTS, PORTS 3, 4, 7, AND 8. THESE ARE EQL'S 04-072-132, 04-072-145, 04-072-432, AND 04-072-445. PORTS 1, 2, 5, AND 6 CANNOT BE USED.

ONE LIST 32, 963E-2 CONNECTOR (OPTION ZN) IS REQUIRED TO BE EQUIPPED ON EACH SMPU4 SHELF ASSEMBLY, LIST 1 AND LIST 2, TO ACTIVATE THE OXU MODE.

EQL POS	ORIENTATION	PIN CONNECTED
04-011-017	HORIZONTAL	04-012-017

PORTS WHICH DO NOT HAVE AN OXU EQUIPPED REQUIRE LIST 33 (OXU BACKPLANE PADDLEBOARD, OPTION ZP). THESE OXU PADDLEBOARDS ARE TO BE EQUIPPED ON THE BACKPLANE, AT THE REAR OF LIST 27 (THE UN599  
 ----- CONTINUED ON NEXT SHEET -----

ENGINEERING NOTES

\*\*\*\*\* CONTINUED \*\*\*\*\*

OR DRM IN AN EMC OR NON-EMC TYPE CABINET AND SHOULD BE ORDERED AS REQUIRED. REFER TO THE FOLLOWING DRAWINGS FOR DETAILED INTERCONNECTION DATA OF THE VCDX-2000 OR DRM CABLING BETWEEN THE SMPU5 AND THE WORKSTATION:

- SD5D534-01/ED5D764-30 (FOR VCDX-2000 APPLICATIONS USING THE SPARC 5 WORKSTATION)
- ED5D764-35/J5D005E-1 (FOR VCDX-2000 APPLICATIONS USING THE SUN NETRA-T 1120 WORKSTATION)
- ED5D873-30 (FOR DRM APPLICATIONS USING THE SUN NETRA-T 1120 WORKSTATION)

COAXIAL TEE CONNECTORS AND RESISTIVE TERMINATIONS WHICH SUPPORT THE ETHERNET CABLE INTERFACE ARE ORDERED BY LIST K16 FOR VCDX-2000 AND DRM APPLICATIONS UTILIZING THE SUN NETRA-T 1120 WORKSTATION. FOR APPLICATIONS UTILIZING A SPARC 5 WORKSTATION, THESE PARTS ARE COMPONENTS OF THE WORKSTATION ORDERABLE LISTS AND ARE SUPPORTED IN ED5D764-30.

FOR REAL TIME CALL DETAIL OR PER CALL CONTROL OF BROADBAND ECHO CANCELLERS FEATURES, LIST K3 IS ALWAYS REQUIRED. THIS LIST PROVIDES THE MESSAGE HANDLER UPDATE BUS CABLING BETWEEN SIDE 0 AND SIDE 1 FOR THE MH2 POSITION AT 04-096.

ADDITIONAL CABLING AND EQUIPMENT IS REQUIRED TO SUPPORT THE REAL TIME CALL DETAIL FEATURE INSTALLATION. REFER TO ED5D838-30 FOR DETAILED INTERCONNECTION DATA AND ORDERING INFORMATION FOR THE SUPPORTING HARDWARE AND APPLICATION SOFTWARE.

ADDITIONAL CABLING AND EQUIPMENT IS REQUIRED TO SUPPORT THE PER CALL CONTROL OF BROADBAND ECHO CANCELLERS FEATURE INSTALLATION. REFER TO J98795B-1 FOR DETAILED INTERCONNECTION DATA. ENGINEERING NOTE 53 OF J98795B-1 LISTS FOUR LENGTHS OF UTP CABLE. TWO OF THESE CABLES ARE REQUIRED TO INTERCONNECT THE 5ESS(R) SM2000 ETHERNET INTERFACE (LIST 18A) TO THE ETHERNET HUB SUPPLIED AS PART OF J98795B-1 LIST 5. CABLE LENGTH IS A FUNCTION OF THE DISTANCE BETWEEN THE 5ESS(R) SWITCH AND THE ETHERNET HUB.

ADDITIONAL CABLING AND EQUIPMENT IS REQUIRED TO SUPPORT THE 7R/E PLS APPLICATION INSTALLATION. REFER TO ED7R000-11 FOR DETAILED INTERCONNECTION DATA AND ORDERING INFORMATION FOR THE SUPPORTING HARDWARE AND APPLICATION SOFTWARE.

68. ONE 150A, ONE 158A, AND TWO 158G APPARATUS BLANKS ARE ALWAYS REQUIRED TO BE EQUIPPED FOR EACH LIST 1 AND LIST 2.

69. ONE 158E APPARATUS BLANK IS ALWAYS REQUIRED AT POSITION 8 OF LIST 1 & LIST 2. ADDITIONAL 158E'S ARE REQUIRED TO BE EQUIPPED WHEREVER A LIST 5, 6, 8, 11, 12, OR 23 ARE NOT EQUIPPED. THE TOTAL NUMBER OF 158E'S AND EQUIPPED APPARATUS MUST EQUAL (12) TWELVE.

70. THE TOTAL NUMBER OF 158F AND LIST 13 OR LIST 26A EQUIPPED IN EACH LIST 1 AND LIST 2 MUST EQUAL THREE (3).

71. LISTS F1 & F2 ARE MUTUALLY EXCLUSIVE AND ARE REQUIRED TO MOUNT THE SMPU5 IN THE 5ESS-2000 PHASE II CABINET. SELECTION SHOULD BE BASED ON WHETHER FUSING IS REQUIRED TO BE STANDARD OR AUTO POWER RECOVERY TYPE. LIST F2 IS ALWAYS REQUIRED IF LIST 16 (OPTION ZB) IS EQUIPPED.

LISTS F3 & F4 ARE MUTUALLY EXCLUSIVE. THEY ARE ORDERED ONLY IF A FIELD RETROFIT TO MOUNT THE SMPU5 IN A 5ESS-2000 PHASE I CABINET IS UNDERTAKEN. CHOICE OF LIST IS BASED UPON WHICH FUSING IS REQUIRED, STANDARD OR AUTO POWER RECOVERY TYPE. LIST F4 IS ALWAYS REQUIRED IF LIST 16 (OPTION ZB) IS EQUIPPED.

72. LISTS G1 AND G2 ARE MUTUALLY EXCLUSIVE.

TWO LIST G1 ARE REQUIRED TO EQUIP THE DUPLEX SMPU5 SHELF IN THE 5ESS-2000 PHASE II GLOBAL FRAME.

TWO LIST G2 ARE REQUIRED TO EQUIP THE DUPLEX SMPU5 SHELF IN THE 5ESS-2000 PHASE I CLASSIC FRAME.

73. DESIGNATION STRIP LABELING WILL BE PREPRINTED TO CORRESPOND TO THE SMPU5 ORDERING INFORMATION.

LOOSE LABELS CAN BE ORDERED THROUGH THE CONTROLLING ED DRAWING ONLY (ED5D075-11). REFERENCE TABLE A, MISCELLANEOUS TABLE D9, AND MANUFACTURING NOTES IN THIS J-DRAWING TO DETERMINE THE APPROPRIATE ED GROUPS.

ON ALL ORDERS, A HORIZONTAL EQL MUST BE SPECIFIED FOR EACH J-LIST THAT ORDERS A CIRCUIT PACK EQUIPPED IN A MULTI-PURPOSE CIRCUIT PACK POSITION AND FOR EACH D LIST.

VERTICAL EQL MUST BE SPECIFIED WHEN ORDERING NON-X OR CABINET MOUNTED UNITS. THIS INFORMATION IS INCLUDED ON THE DESIGNATION STRIP LABELS.

EACH DESIGNATION STRIP LABEL HAS TWO COMPONENTS; STAMPING INFOR-  
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ENGINEERING NOTES

\*\*\*\*\* CONTINUED \*\*\*\*\*

LIST IS ORDERED IF THE SM APPLICATION REQUIRES IT. EQUIP THIS LIST AT 04-114.

62. EACH SMPU5 SHELF ASSEMBLY CAN SUPPORT A MINIMUM OF ONE, UP TO A MAXIMUM OF FOUR LIST 12 CONTROL INTERFACE 2 (CI2) CIRCUIT PACKS FOR STANDARD SM2000, EXM2000, VCDX-2000, DRM, AND 7R/E APPLICATIONS. EACH CONTROL INTERFACE 2 CIRCUIT PACK PROVIDES 23 USABLE PICB PORTS. THE TOTAL EQUIPPAGE IN THE UNIT IS DEPENDENT UPON THE SM REQUIREMENTS. CIRCUIT PACKS MUST BE EQUIPPED LEFT TO RIGHT ACROSS EQL'S 04-122, 04-130, 04-138, AND 04-146.

63. EACH SMPU5 SHELF ASSEMBLY CAN BE EQUIPPED WITH A MINIMUM OF ONE, UP TO A MAXIMUM OF THREE LIST 13 DIGITAL SERVICE CIRCUIT 3 (DSC3) OR LIST 26A DIGITAL SERVICE CIRCUIT 4 (UDSC4) CIRCUIT PACKS. LIST 13 AND LIST 26A ARE MUTUALLY EXCLUSIVE FOR LDSF.

LIST 13 (DSC3) WILL SUPPORT BOTH LOCAL DIGITAL SERVICE (LDSF) AND GLOBAL DIGITAL SERVICE (GDSF) FUNCTIONS IN 5E11/5EE9 AND LATER.

LIST 26A (UDSC4) WILL SUPPORT LOCAL DIGITAL SERVICE (LDSF) FUNCTIONS ONLY IN 5E12/5E11.1(PR4) AND LATER.

ONE CIRCUIT PACK, MINIMUM, IS REQUIRED ON EACH SMPU5 SHELF TO SUPPORT LOCAL DIGITAL SERVICE. LDSF MUST BE EQUIPPED FIRST, IN AS MANY POSITIONS AS REQUIRED TO ACCOMPLISH THE SM'S FUNCTION. THE CIRCUIT PACKS ARE EQUIPPED LEFT TO RIGHT ACROSS EQL'S 04-156 04-166, AND 04-176. GDSF MAY THEN BE EQUIPPED IN ANY POSITON THAT IS REMAINING IN EITHER LIST 1 OR LIST 2. A MAXIMUM OF ONE, A MINIMUM OF ONE LIST 13, UN363, IS REQUIRED TO SUPPORT GDSF.

64. ONE LIST 14, 982ET CONNECTOR, CPI JUMPER PADDLEBOARD (OPTION ZC), MUST BE EQUIPPED ON EACH SMPU5 UNIT SHELF ASSEMBLY (SIDE 0 & 1) IN ALL STANDARD SM2000, EXM2000, AND 7R/E APPLICATIONS. THIS LIST IS MUTUALLY EXCLUSIVE WITH LIST 19 (OPTION ZE) IN VCDX-2000 AND DRM APPLICATIONS.

65. ONE LIST 15, 963E-2 CONNECTOR (OPTION ZA), IS REQUIRED ON EACH SMPU5 UNIT SHELF ASSEMBLY, SIDE 0 & 1, TO IMPLEMENT THE 30 CHANNEL E1 MODE OPTION.

EQL POS	ORIENTATION	PIN CONNECTED
04-011-018	HORIZ	04-012-018

66. TWO LIST 16, 963E-2 CONNECTORS (OPTION ZB), ARE REQUIRED TO BE EQUIPPED ON EACH SMPU5 UNIT SHELF ASSEMBLY, SIDE 0 & 1, TO ACTIVATE THE AUTO POWER RESTART FUNCTION OF THE "UN589 (" POWER, CONTROL, DISPLAY CIRCUIT PACK.

EQL POS	ORIENTATION	PIN CONNECTED
04-014-204	VERT	04-014-205
04-014-304	VERT	04-014-305

APPLICATION OF THIS LIST REQUIRES THAT EITHER LIST F2 OR F4, FASKIT, BE ORDERED TO SUPPLY THE CORRECT AUTO POWER RESTART FUSING. REFER TO THE TABLE A DESCRIPTION OF LIST F2 AND F4 TO DETERMINE WHICH APPLIES TO THE SM APPLICATION BEING EQUIPPED.

67. THE EQUIPMENT REFERENCED TO THIS NOTE IS USED IN THE VCDX-2000 FEATURE (5E9(2)/5EE7.1 AND LATER), THE REAL TIME CALL DETAIL FEATURE (5E12 AND LATER), THE PER CALL CONTROL OF BROADBAND ECHO CANCELLERS FEATURE (5E13 AND LATER), DRM, OR THE 7R/E PACKET LOCAL SOLUTION. LISTS 17 AND 18A ARE REQUIRED FOR ALL THESE FEATURES. THEY ARE, HOWEVER, PHYSICALLY EQUIPPED AT UNIQUE EQL'S AND IN DIFFERENT QUANTITIES FOR THE RESPECTIVE APPLICATION. LIST 17 IS EQUIPPED AT 04-080 FOR VCDX AND DRM, AT 04-096 FOR REAL TIME CALL DETAIL AND PER CALL CONTROL OF BROADBAND ECHO CANCELLERS, AND AT BOTH 04-080 AND 04-096 FOR 7R/E APPLICATIONS. THE LIST 18A IS EQUIPPED ON THE WIRE SIDE AT 04-080-100 FOR VCDX-2000 AND DRM, AT 04-096-100 FOR REAL TIME CALL DETAIL AND PER CALL CONTROL OF BROADBAND ECHO CANCELLERS, AND AT BOTH 04-080-100 AND 04-096-100 FOR 7R/E.

LISTS 19, 20, 21, K7, K8, K9, AND K10 ARE ALWAYS REQUIRED FOR A VCDX-2000 OR DRM APPLICATION. LISTS K11, K12, K13, K14, AND K15 ARE CABLE ASSEMBLIES THAT ARE APPLICATION SPECIFIC TO VCDX-2000  
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BT13

5ESS SWITCHING EQUIPMENT  
 SPECIFICATION FOR  
 SWITCHING MODULE PROCESSOR  
 UNIT MODEL 5

DWG SIZE C2 ISSUE 47

TABLE A-FEATURES											
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
EQUIPMENT REQUIRED TO PROVIDE UNIT SHELF ASSEMBLY FOR SMPU5 SIDE "0".	52 53 56 57 68 69 70 73		1	1	SD5D545-01	1					
EQUIPMENT REQUIRED TO PROVIDE UNIT SHELF ASSEMBLY FOR SMPU5 SIDE "1".	52 53 56 57 68 69 70 73		2	1	SD5D545-01	2					
POWER, CONTROL, AND DISPLAY CIRCUIT PACK (UN589) FOR SMPU5 UNIT SHELF ASSEMBLY. ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. DA EFF:05/06/97 FE:J5D003NG-1,L3A	56	DA	3	1	SD5D545-01	3					
POWER, CONTROL, AND DISPLAY CIRCUIT PACK (UN589) FOR SMPU5 UNIT SHELF ASSEMBLY. ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. REPL:J5D003NG-1,L3 DA EFF:02/12/99 FE:J5D003NG-1,L3B	56 500	DA	3A	1	SD5D545-01	3					
POWER, CONTROL, AND DISPLAY CIRCUIT PACK (UN589) FOR SMPU5 UNIT SHELF ASSEMBLY. ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. DA EFF:12/14/99 FE:J5D003NG-1,L3C	56 500	DA	3B	1				SD5D545-01	3		
POWER, CONTROL, AND DISPLAY CIRCUIT PACK (UN589B) FOR SMPU5 UNIT SHELF ASSEMBLY. ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. REPL:J5D003NG-1,L3B DA EFF:03/29/00 FE:J5D003NG-1,L3D	56 500	DA	3C	1				SD5D545-01	3		
POWER, CONTROL, AND DISPLAY CIRCUIT PACK (UN589B) FOR SMPU5 UNIT SHELF ASSEMBLY. ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. REPL:J5D003NG-1,L3C	56 500		3D	1				SD5D545-01	3		
PROCESSOR CORE 60 CIRCUIT PACK WITH 64MB OF ON-BOARD MEMORY (UN560). ONE ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. DA EFF:03/01/99 FE:J5D003NG-1,L4A FE:J5D003NG-1,L25A	57 73 74 76 500	DA	4	1	SD5D545-01	4					
PROCESSOR CORE 60 CIRCUIT PACK WITH 64MB OF ON-BOARD MEMORY (UN560). ONE ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. REPL:J5D003NG-1,L4 DA EFF:10/11/99 FE:J5D003NG-1,L25A	57 73 74 76 500	DA	4A	1	SD5D545-01	4					
32MB MEMORY CIRCUIT PACK (TN1685). EQUIPPED AS REQUIRED IN ADDITION TO LIST 1 AND LIST 2	58 69 73 78 500		5	1	SD5D545-01	5					Y
64MB MEMORY CIRCUIT PACK (TN1806). EQUIPPED AS REQUIRED IN ADDITION TO LIST 1 AND LIST 2	58 69 73 78 500		6	1	SD5D545-01	5					X

TABLE-A CONTINUED

J5D003NG-1

ENGINEERING NOTES

\*\*\*\*\* CONTINUED \*\*\*\*\*

CIRCUIT PACK) INSTEAD OF THE BKJ2 OR BKJ1 PADDLEBOARDS, AND USING THE SAME EQL'S.

WHEN EQUIPPING OXU IN AN SMPU5 WITH THE VCDX-2000 FEATURE OR DRM, THE BKJ2 AND BKJ1 MAY BE EQUIPPED ONLY IN THE TOP FOUR PORTS, PORTS 3, 4, 7, AND 8. THESE ARE EQL'S 04-072-132, 04-072-145, 04-072-432, AND 04-072-445. PORTS 1, 2, 5, AND 6 CANNOT BE USED. FOR EACH UNEQUIPPED OXU PORT, LIST 33 (OXU BACKPLANE PADDLEBOARD, OPTION ZP) MUST BE EQUIPPED AT THE REAR OF LIST 27 (APCO CIRCUIT PACK, UN599) INSTEAD OF THE BKJ2 OR BKJ1 PADDLEBOARD. THESE PADDLEBOARDS ARE EQUIPPED AT THE SAME EQL'S AS THOSE USED FOR THE BKJ2 AND BKJ1 PADDLEBOARDS, INCLUDING PORTS 1, 2, 5, AND 6.

ONE LIST 32, 963E-2 CONNECTOR (OPTION ZN) IS REQUIRED TO BE EQUIPPED ON EACH SMPU5 SHELF ASSEMBLY, LIST 1 AND LIST 2, TO ACTIVATE THE OXU MODE.

EQL POS	ORIENTATION	PIN CONNECTED
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04-011-017	HORIZONTAL	04-012-017

78. THESE LISTS MAY BE USED TO ORDER THE EQUIVALENT CIRCUIT PACKS FOR J5D003NA-1 (SMPU4). THE EQUIPMENT LOCATIONS (EQLS) WHERE THESE CIRCUIT PACKS MAY BE EQUIPPED IN SMPU4 REMAIN AS SPECIFIED FOR THE APPLICABLE LIST IN J5D003NA-1.

CIRCUIT PACK	J5D003NG-1 LIST	J5D003NA-1 LIST
TN1685	5	9B
TN1806	6	24
KBN8B	7	5C
UN538	8	10A
UN539B	9B	6B
UN395B	11	17B
UN584	17	20
982YPA	18A	21A

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

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

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BT13

5ESS SWITCHING EQUIPMENT  
SPECIFICATION FOR  
SWITCHING MODULE PROCESSOR  
UNIT MODEL 5

DWG SIZE C2	ISSUE 47
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SHEET A6  
OF 15

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
BUS SERVICE NODE CIRCUIT PACK (KBN8B). ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2.	53 56 78 500		7	1	SD5D545-01	3					
MESSAGE HANDLER CIRCUIT PACK (UN538). A MINIMUM OF ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 FOR STANDARD SM2000 AND EXM2000 APPLICATIONS.	53 59 69 73 78 500		8	1	SD5D545-01	6					
APPLICATION PROCESSOR CONTROL CIRCUIT PACK (UN539). ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. DA EFF:04/15/97 FE:J5D003NG-1,L9A	56	DA	9	1	SD5D545-01	3					
APPLICATION PROCESSOR CONTROL CIRCUIT PACK (UN539B). ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. DA EFF:11/03/97 FE:J5D003NG-1,L9B	56	DA	9A	1	SD5D545-01	3					
APPLICATION PROCESSOR CONTROL CIRCUIT PACK (UN539B). ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. REPL:J5D003NG-1,L9A	56 59 78 500		9B	1					SD5D545-01	3	S
RESERVED			10								
ENHANCED PACKET INTERFACE (PI2) CIRCUIT PACK (UN395B). ONE IS EQUIPPED AS REQUIRED IN EACH LIST 1 AND LIST 2 FOR 100MB/SEC PSU2 OR 10MB/SEC PSU INTERFACE.	61 78 500		11	1	SD5D545-01	8					
CONTROL INTERFACE 2 (CI2) CIRCUIT PACK (UN71C). A MINIMUM OF ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2.	62 69 500		12	1	SD5D545-01	9					
DIGITAL SERVICE CIRCUIT 3 (DSC3) CIRCUIT PACK (UN363). A MINIMUM OF ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 FOR THE LDSF APPLICATION. A MINIMUM OF ONE, A MAXIMUM OF ONE IS REQUIRED IN EITHER LIST 1 OR LIST 2 TO SUPPORT THE GDSF APPLICATION.	63 70 73 500		13	1	SD5D545-01	10					
CPI JUMPER/PADDLEBOARD CONNECTOR (982ET). ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 IN STANDARD SM2000, EXM2000, AND 7R/E APPLICATIONS.	64 500		14	1	SD5D545-01	6					ZC
30 CHANNEL E1 MODE OPTION JUMPER (963E-2). ONE IS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 TO INVOKE THIS OPTION.	65 500		15	1	SD5D545-01	1,2					ZA
AUTO POWER RESTART (APR) OPTION JUMPER (963E-2). TWO ARE REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 TO INVOKE THIS OPTION.	66 71 500		16	1	SD5D545-01	1,2					ZB
MESSAGE HANDLER ETHERNET INTER-FACE CIRCUIT PACK (UN584). ONE IS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 FOR VCDX-2000, DRM, REAL TIME CALL DETAIL, OR PER CALL CONTROL OF BROADBAND ECHO CANCELLERS FEATURE/ APPLICATION. (5E9(2)/5EE7.1 AND LATER FOR VCDX-2000) (5E12 AND LATER FOR RICD) (5E13 AND LATER FOR PER CALL CONTROL OF BROADBAND ECHO CANCELLERS) (5E14FRI AND LATER FOR DRM) TWO ARE REQUIRED IN ADDITION TO EACH LIST 1 AND 2 FOR 7R/E APPLICATIONS.	59 67 73 78 500		17	1	SD5D545-01	7					V

TABLE-A CONTINUED

J5D003NG-1

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
MESSAGE HANDLER ETHERNET INTER-FACE CONNECTOR (982YF). ONE IS REQUIRED IN ADDITION TO EACH LIST 17 FOR VCDX-2000 APPLICATIONS. DA EFF:12/08/97 FE:J5D003NG-1,L18A	54 67	DA	18	1					SD5D545-01	7	ZD
MESSAGE HANDLER ETHERNET INTER-FACE CONNECTOR (982YPA). PROVIDES A SWITCH SELECTABLE INTERFACE FOR VCDX-2000, DRM, REAL TIME CALL DETAIL, PER CALL CONTROL OF BROADBAND ECHO CANCELLERS, OR 7R/E APPLICATION. ONE IS REQUIRED IN ADDITION TO EACH LIST 17 THAT IS EQUIPPED. REPL:J5D003NG-1,L18	54 67 78 500		18A	1					SD5D545-01	7	ZD
CPI INTERFACE CONNECTOR (982YN). ONE IS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 FOR VCDX-2000 OR DRM APPLICATIONS.	54 67 500		19	1	SD5D545-01	7					ZE
ALARM STATUS UNIT 2 (ASU2) CONNECTOR (9822DU). ONE IS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 FOR VCDX-2000, EXM2000, DRM, AND 7R/E APPLICATIONS.	54 67 500		20	1	SD5D545-01	7					ZG
RS232 25 PIN PLUG TO RJ45 8 PIN MODULAR JACK ADAPTER. ONE IS REQUIRED FOR EACH LIST 1 AND LIST 2 IN VCDX-2000 AND DRM APPLICATIONS.	54 67 500		21	1							
PROCESSOR, 66MHZ CORE 60 CIRCUIT PACK WITH 64MB OF ON-BOARD MEMORY (UN593). ONE ALWAYS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. RESTRICTED TO USE IN THE INTERNATIONAL MARKETS WHICH HAVE IMPLEMENTED 5EE7.1 (SU), 5EE8.1 (SU), OR 5EE9.1 (SU). DA EFF:04/25/97 FE:J5D003NG-1,L22A	57 74	DA	22	1	SD5D545-01	4					T
PROCESSOR, 66MHZ CORE 60 CIRCUIT PACK WITH 64MB OF ON-BOARD MEMORY (UN593). ONE REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. RESTRICTED TO USE IN THE INTERNATIONAL MARKETS WHICH HAVE IMPLEMENTED 5EE7.1(SU), 5EE8.1 (SU), OR 5EE9.1 (SU). REPL:J5D003NG-1,L22 DA EFF:03/01/99 FE:J5D003NG-1,L22B FE:J5D003NG-1,L25A	57 73 74 76 500	DA	22A	1	SD5D545-01	4					T

TABLE-A CONTINUED

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BT13

5ESS SWITCHING EQUIPMENT  
SPECIFICATION FOR  
SWITCHING MODULE PROCESSOR  
UNIT MODEL 5

DWG SIZE C2 ISSUE 47

LUCENT TECHNOLOGIES INC J5D003NG-1

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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	
PROCESSOR, 66MHZ CORE 60 CIRCUIT PACK WITH 64MB OF ON-BOARD MEMORY (UN593). ONE REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. RESTRICTED TO USE IN THE INTERNATIONAL MARKETS WHICH HAVE IMPLEMENTED 5EE7.1(SU), OR 5EE8.1(SU) OR 5EE9.1(SU). REPL:J5D003NG-1,L22A DA EFF:10/11/99 FE:J5D003NG-1,L22C FE:J5D003NG-1,L25A		DA	22B									
PROCESSOR, 66MHZ CORE 60 CIRCUIT PACK WITH 64MB OF ON-BOARD MEMORY (UN593). ONE REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. RESTRICTED TO USE IN THE INTERNATIONAL MARKETS WHICH HAVE IMPLEMENTED 5EE7.1(SU), 5EE8.1(SU), OR 5EE9.1(SU). REPL:J5D003NG-1,L22B DA EFF:06/11/01 FE:J5D003NG-1,L25A	57 73 74 76 500	DA	22C						SD5D545-01	4	T	
APPLICATION PROCESSOR CONTROLLER EXTENDED CIRCUIT PACK (UN555). ONE IS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 IF THE SM APPLICATION IS INTENDED TO SUPPORT THE EXTENDED CONTROL DATA UNIT (XCDU) FEATURE.	75 500		23	1	SD5D545-01	11					U	
EXTENDED CONTROL DATA UNIT (XCDU) MODE JUMPER (963E-2). ONE IS REQUIRED IN EACH LIST 1 AND LIST 2 TO INVOKE THIS APPLICATION WHEN LIST 23 IS EQUIPPED.	75 500		24	1	SD5D545-01	11					ZH	
PROCESSOR, 60MHZ CORE 60 CIRCUIT PACK WITH 128MB OF ON-BOARD MEMORY (UN588). ONE REQUIRED IN ADDITION TO EACH LIST 1 & LIST 2 <5E12 AND LATER;5EE10 AND LATER> DA EFF:06/30/98 FE:J5D003NG-1,L25A	57 74 76	DA	25	1					SD5D545-01	4	R	
PROCESSOR, 60MHZ CORE 60 CIRCUIT PACK WITH 128MB OF ON-BOARD MEMORY (UN588). ONE REQUIRED IN ADDITION TO EACH LIST 1 & LIST 2 <5E12 AND LATER;5EE10 AND LATER> <SU'D BACK TO 5E11.1/5EE8.1> <NOT INCLUDED IN 5EE9.1> REPL:J5D003NG-1,L22A REPL:J5D003NG-1,L22B REPL:J5D003NG-1,L22C REPL:J5D003NG-1,L25 REPL:J5D003NG-1,L4 REPL:J5D003NG-1,L4A	56 57 73 74 500		25A	1					SD5D545-01	4	R	
DIGITAL SERVICE CIRCUIT 4 (UDSC4) THE PREFERRED CIRCUIT PACK APPARATUS, UN590, TO SUPPORT LOCAL DIGITAL SERVICE. A MINIMUM OF ONE IS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. <5E12/5EE11.1(PR4) AND LATER> REPL:NONE DA EFF:12/13/99 FE:J5D003NG-1,L26A	63 70 500	DA	26	1					SD5D545-01	10	Q	
DIGITAL SERVICE CIRCUIT 4 (UDSC4) THE PREFERRED CIRCUIT PACK APPARATUS, UN590, TO SUPPORT LOCAL DIGITAL SERVICE. A MINIMUM OF ONE IS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. <5E12/5EE11.1(PR4) AND LATER> REPL:J5D003NG-1,L26	63 70 500		26A	1					SD5D545-01	10	Q	

TABLE-A CONTINUED

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	
APPLICATION CONTROLLER (APCO) CIRCUIT PACK (UN599). ONE IS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 IF THE SM APPLICATION IS TO SUPPORT THE OXU FEATURE. <5E15 AND LATER; 5EE13.1 AND LATER> REPL:NONE	77 500		27	1					SD5D045-01	11	P	
CONTROL PERIPHERAL LINK INTERFACE (CPLI) CONNECTOR (BKJ2). A MINIMUM OF ONE AND A MAXIMUM OF FOUR ARE REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 TO PROVIDE OPTICAL INTERFACE SUPPORT FOR THE OXU FEATURE, WHEN LIST 27 IS EQUIPPED. REPL:NONE	77 500		28	1					SD5D545-01	11	ZJ	
CONTROL PERIPHERAL LINK INTERFACE (CPLI) CONNECTOR (BKJ1). A MINIMUM OF ZERO AND A MAXIMUM OF FOUR ARE REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 TO PROVIDE OPTICAL INTERFACE SUPPORT FOR THE OXU FEATURE, WHEN LIST 27 IS EQUIPPED. REPL:NONE	77 500		29	1					SD5D545-01	11	ZK	
PADDLEBOARD CONNECTOR (982CAJ). ONE IS ALWAYS REQUIRED IN ADDITION TO LIST 1 WHEN EQUIPPED WITH LIST 25A. REPL:NONE	56		30	1					SD5D545-01	4	ZL	
PADDLEBOARD CONNECTOR (982CAK). ONE IS ALWAYS REQUIRED IN ADDITION TO EACH LIST 2 WHEN EQUIPPED WITH LIST 25A. REPL:NONE	56		31	1					SD5D545-01	4	ZM	
OPTICAL EXTENDED CONTROL AND DATA UNIT (OXU) MODE JUMPER (963E-2). ONE IS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2 TO INVOKE THIS APPLICATION WHEN LIST 27 IS EQUIPPED.	77 500		32	1					SD5D545-01	11	ZN	
OPTICAL EXTENDED CONTROL AND DATA UNIT BACKPLANE PADDLEBOARD. ONE IS REQUIRED FOR EACH UNEQUIPPED OXU PORT WHEN LIST 27 IS EQUIPPED.	77 500		33	1					SD5D545-01	11	ZP	
150A APPARATUS BLANK, LEFT. ONE IS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. DA EFF:01/06/99 RA:J5D003NG-1,LF5	68	DA	B1	1								
158A APPARATUS BLANK. ONE IS REQUIRED IN ADDITION TO EACH LIST 1 AND LIST 2. DA EFF:01/06/99 RA:J5D003NG-1,LF5	68	DA	B2	1								

TABLE-A CONTINUED

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5ESS SWITCHING EQUIPMENT  
SPECIFICATION FOR  
SWITCHING MODULE PROCESSOR  
UNIT MODEL 5

DWG SIZE C2 ISSUE 47

J5D003NG-1

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TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		REF NOTE	RAT-ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	QTY				EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
158G APPARATUS BLANK. DA EFF:01/06/99 RA:J5D003NG-1,LF5	68	DA	B3	1								
158E APPARATUS BLANK. REQUIRED IN ADDITION TO LIST 1 AND LIST 2 DA EFF:01/06/99 RA:J5D003NG-1,LF5	69	DA	B4	1								
158F APPARATUS BLANK. DA EFF:01/06/99 RA:J5D003NG-1,LF5	70	DA	B5	1								
FRONT DESIGNATION STRIP LABEL FOR SMPU5 SERVICE GROUP 0. DA EFF:01/06/99 FE/RA:NONE	73	DA	D1	1	ED5D075-11	137						
REAR DESIGNATION STRIP LABEL FOR SMPU5 SERVICE GROUP 0. DA EFF:01/06/99 FE/RA:NONE	73	DA	D2	1	ED5D075-11	138						
FRONT DESIGNATION STRIP LABEL FOR SMPU5 SERVICE GROUP 1. DA EFF:01/06/99 FE/RA:NONE	73	DA	D3	1	ED5D075-11	139						
REAR DESIGNATION STRIP LABEL FOR SMPU5 SERVICE GROUP 1. DA EFF:01/06/99 FE/RA:NONE	73	DA	D4	1	ED5D075-11	140						
LABEL REQUIRED IN ADDITION TO LIST 9B WHEN TWO OR MORE LIST 8 ARE ORDERED, OR WHEN THE TOTAL QUANTITY OF LIST 8 AND LIST 17 EQUALS OR EXCEEDS TWO. REPL:NONE	59 73		D5	1	ED5D075-11	204						
DESIGNATION STRIP PATCH LABEL FOR UN560 CORE CIRCUIT PACK. SERVICE GROUP 0 (BLUE). REQUIRED IN ADDITION TO LIST 4. DA EFF:01/06/99 FE/RA:NONE	57 73	DA	D20	1	ED5D075-11	125						
DESIGNATION STRIP PATCH LABEL FOR UN560 CORE CIRCUIT PACK. SERVICE GROUP 1 (GREEN). REQUIRED IN ADDITION TO LIST 4. DA EFF:01/06/99 FE/RA:NONE	57 73	DA	D21	1	ED5D075-11	126						
DESIGNATION STRIP PATCH LABEL FOR TN1685 MEMORY CIRCUIT PACK. SERVICE GROUP 0 (BLUE). REQUIRED IN ADDITION TO EACH LIST 5 ORDERED. DA EFF:01/06/99 FE/RA:NONE	58 73	DA	D22	1	ED5D075-11	93						
DESIGNATION STRIP PATCH LABEL FOR TN1685 MEMORY CIRCUIT PACK. SERVICE GROUP 1 (GREEN). REQUIRED IN ADDITION TO EACH LIST 5 ORDERED. DA EFF:01/06/99 FE/RA:NONE	58 73	DA	D23	1	ED5D075-11	102						
DESIGNATION STRIP PATCH LABEL FOR TN1806 MEMORY CIRCUIT PACK. SERVICE GROUP 0 (BLUE). REQUIRED IN ADDITION TO EACH LIST 6 ORDERED. DA EFF:01/06/99 FE/RA:NONE	58 73	DA	D24	1	ED5D075-11	121						
DESIGNATION STRIP PATCH LABEL FOR TN1806 MEMORY CIRCUIT PACK. SERVICE GROUP 1 (GREEN). REQUIRED IN ADDITION TO EACH LIST 6 ORDERED. DA EFF:01/06/99 FE/RA:NONE	58 73	DA	D25	1	ED5D075-11	122						
TABLE-A CONTINUED												

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TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		REF NOTE	RAT-ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	QTY				EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
DESIGNATION STRIP PATCH LABEL FOR UN538 MH CIRCUIT PACK. SERVICE GROUP 0 (BLUE). REQUIRED IN ADDITION TO EACH LIST 8 THAT IS ORDERED. DA EFF:01/06/99 FE/RA:NONE	59 73	DA	D26	1	ED5D075-11	91						
DESIGNATION STRIP PATCH LABEL FOR UN538 MH CIRCUIT PACK. SERVICE GROUP 1 (GREEN). REQUIRED IN ADDITION TO EACH LIST 8 THAT IS ORDERED. DA EFF:01/06/99 FE/RA:NONE	59 73	DA	D27	1	ED5D075-11	101						
DESIGNATION STRIP PATCH LABEL FOR UN584 MHEIB CIRCUIT PACK. SERVICE GROUP 0 (BLUE). REQUIRED IN ADDITION TO LIST 17. DA EFF:01/06/99 FE/RA:NONE	67 73	DA	D28	1	ED5D075-11	117						
DESIGNATION STRIP PATCH LABEL FOR UN584 MHEIB CIRCUIT PACK. SERVICE GROUP 1 (GREEN). REQUIRED IN ADDITION TO LIST 17. DA EFF:01/06/99 FE/RA:NONE	67 73	DA	D29	1	ED5D075-11	118						
RESERVED			D30									
RESERVED			D31									
DESIGNATION STRIP PATCH LABEL FOR UN395B PI2 CIRCUIT PACK. SERVICE GROUP 0 (BLUE). REQUIRED IN ADDITION TO LIST 11. DA EFF:01/06/99 FE/RA:NONE	61 73	DA	D32	1	ED5D075-11	133						
DESIGNATION STRIP PATCH LABEL FOR UN395B PI2 CIRCUIT PACK. SERVICE GROUP 1 (GREEN). REQUIRED IN ADDITION TO LIST 11. DA EFF:01/06/99 FE/RA:NONE	61 73	DA	D33	1	ED5D075-11	134						
DESIGNATION STRIP PATCH LABEL FOR UN363 DSC3 CIRCUIT PACK. SERVICE GROUP 0 (BLUE). REQUIRED IN ADDITION TO EACH LIST 13 ORDERED. DA EFF:01/06/99 FE/RA:NONE	63 73	DA	D34	1	ED5D075-11	174						
DESIGNATION STRIP PATCH LABEL FOR UN363 DSC3 CIRCUIT PACK. SERVICE GROUP 1 (GREEN). REQUIRED IN ADDITION TO EACH LIST 13 ORDERED. DA EFF:01/06/99 FE/RA:NONE	63 73	DA	D35	1	ED5D075-11	175						
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5ESS SWITCHING EQUIPMENT  
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 UNIT MODEL 5

DWG SIZE C2    ISSUE 47

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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	
DESIGNATION STRIP PATCH LABEL FOR UN593 66MHZ CORE 60 CIRCUIT PACK. SERVICE GROUP 0 (BLUE). REQUIRED IN ADDITION TO LIST 22A. DA EFF:01/06/99 FE/RA:NONE	73 74	DA	D36	1	ED5D075-11	176						
DESIGNATION STRIP PATCH LABEL FOR UN593 66MHZ CORE 60 CIRCUIT PACK. SERVICE GROUP 1 (GREEN). REQUIRED IN ADDITION TO LIST 22A. DA EFF:01/06/99 FE/RA:NONE	73 74	DA	D37	1	ED5D075-11	177						
DESIGNATION STRIP PATCH LABEL FOR UN555 APCX CIRCUIT PACK. SERVICE GROUP 0 (BLUE). REQUIRED IN ADDITION TO LIST 23. DA EFF:01/06/99 FE/RA:NONE	73 75	DA	D38	1	ED5D075-11	180						
DESIGNATION STRIP PATCH LABEL FOR UN555 APCX CIRCUIT PACK. SERVICE GROUP 1 (GREEN). REQUIRED IN ADDITION TO LIST 23. DA EFF:01/06/99 FE/RA:NONE	73 75	DA	D39	1	ED5D075-11	181						
DESIGNATION STRIP PATCH LABEL FOR UN588 60 MHZ CORE60MM CKT PACK. SERVICE GROUP 0 (BLUE). REQUIRED IN ADDITION TO LIST 25A DA EFF:01/06/99 FE/RA:NONE	73 76	DA	D40	1	ED5D075-11	143						
DESIGNATION STRIP PATCH LABEL FOR UN588 60 MHZ CORE60MM CKT PACK. SERVICE GROUP 1 (GREEN). REQUIRED IN ADDITION TO LIST 25A DA EFF:01/09/99 FE/RA:NONE	73 76	DA	D41	1	ED5D075-11	144						
DESIGNATION STRIP PATCH LABEL FOR UN590, DIGITAL SERVICE CIRCUIT 4 (UDSC4). SERVICE GROUP 0 (BLUE). REQUIRED IN ADDITION TO EACH LIST 26 ORDERED REPL:NONE DA EFF:01/06/99 FE/RA:NONE	63 73	DA	D42	1	ED5D075-11	147						
DESIGNATION STRIP PATCH LABEL FOR UN590, DIGITAL SERVICE CIRCUIT 4 (UDSC4). SERVICE GROUP 1 (GREEN). REQUIRED IN ADDITION TO EACH LIST 26 ORDERED REPL:NONE DA EFF:01/06/99 FE/RA:NONE	63 73	DA	D43	1	ED5D075-11	148						
FINAL ASSEMBLY KIT REQUIRED TO MOUNT THE SMPU5 IN A 5ESS-2000 PHASE II GLOBAL FRAME. STANDARD FUSING. ONE IS REQUIRED TO SUPPORT EACH SMPU5 (COMBINED LIST 1 AND 2).	71 500		F1	1								
FINAL ASSEMBLY KIT REQUIRED TO MOUNT THE SMPU5 IN A 5ESS-2000 PHASE II GLOBAL FRAME. AUTO POWER RECOVERY FUSING. ONE IS REQUIRED TO SUPPORT EACH SMPU5 (COMBINED LIST 1 AND 2)	66 71 500		F2	1								
FINAL ASSEMBLY KIT REQUIRED TO MOUNT THE SMPU5 IN A 5ESS-2000 PHASE I CLASSIC FRAME. STANDARD FUSING. ONE IS REQUIRED TO SUPPORT EACH SMPU5 (COMBINED LIST 1 AND 2).	71 500		F3	1								
FINAL ASSEMBLY KIT REQUIRED TO MOUNT THE SMPU5 IN A 5ESS-2000 PHASE I CLASSIC FRAME. AUTO POWER RECOVERY FUSING. ONE IS REQUIRED TO SUPPORT EACH SMPU5 (COMBINED LIST 1 AND 2)	66 71 500		F4	1								
TABLE-A CONTINUED												

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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	
APPARATUS BLANK KIT. ONE IS REQUIRED IN ADDITION TO EACH LIST 1 & LIST 2 THAT IS ORDERED. REPL:J5D003NG-1,LB1 REPL:J5D003NG-1,LB2 REPL:J5D003NG-1,LB3 REPL:J5D003NG-1,LB4 REPL:J5D003NG-1,LB5	68 69 70 499		F5	1								
UNIT GUIDE KIT REQUIRED TO MOUNT 132-TYPE SINGLE UNITS IN A 5ESS-2000 PHASE II GLOBAL FRAME. TWO ARE REQUIRED FOR EACH SMPU5 INSTALLATION.	72 500		G1	1								
UNIT GUIDE KIT REQUIRED TO MOUNT 132-TYPE SINGLE UNITS IN A 5ESS-2000 PHASE I CLASSIC FRAME. TWO ARE REQUIRED FOR EACH SMPU5 INSTALLATION.	72 500		G2	1								
EQUIPMENT FOR A CONNECTORIZED CABLE KIT TO INTERCONNECT THE SMPU5 SHELVES SIDE 0 TO SIDE 1. SUPPORTS MH0, BSN, AND GROUND STRAPPING FUNCTION.	53 59 67 500		K1	1	ED5D734-40 SD5D545-01	8 6						
EQUIPMENT FOR A CONNECTORIZED CABLE KIT TO INTERCONNECT THE SMPU5 SHELVES SIDE 0 TO SIDE 1. SUPPORTS MH1 GROWTH.	53 59 500		K2	1	ED5D734-40 SD5D545-01	9 6						
EQUIPMENT FOR A CONNECTORIZED CABLE KIT TO INTERCONNECT THE SMPU5 SHELVES SIDE 0 TO SIDE 1. SUPPORTS MH2 GROWTH.	53 59 500		K3	1	ED5D734-40 SD5D545-01	10 6						
EQUIPMENT FOR A CONNECTORIZED CABLE KIT TO INTERCONNECT THE SMPU5 WITH THE TSU4. SUPPORTS CONTROL & DISPLAY, STCL, AND MCP CONNECTIONS.	53 500		K4	1	ED5D734-40	2						
EQUIPMENT FOR A CONNECTORIZED CABLE KIT TO INTERCONNECT THE SMPU5 WITH THE TSU4-2. SUPPORTS CONTROL & DISPLAY, STCL, AND MCP CONNECTIONS. FE:J5D003NB-2,K2	53 500	DA	K5	1	ED5D734-40	4						
EQUIPMENT FOR A CONNECTORIZED CABLE KIT TO SUPPORT THE SMPU5 PCD ALARM AND SMC CABINET FAN ALARM CONNECTIONS TO THE MODULAR FUSE FILTER UNIT ALARM CARDS. FE:ED5D734-15,G10C FE:ED5D734-15,G10D FE:ED5D734-15,G16	53 500	DA	K6	1	ED5D734-40	17						
EQUIPMENT FOR A CONNECTORIZED CABLE ASSEMBLY TO SUPPORT THE SMPU5/VCDX-2000/DRM APPLICATION. SIDE 0 TO SIDE 1 ETHERNET TRANSCEIVER CROSS-CONNECT CABLE. (1 FT IN LENGTH)	54 67 500		K7	1	ED5D765-12 SD5D545-01	7 7						
TABLE-A CONTINUED												

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5ESS SWITCHING EQUIPMENT  
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 UNIT MODEL 5

DWG SIZE C2 ISSUE 47

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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
EQUIPMENT FOR A CONNECTORIZED CABLE ASSEMBLY TO SUPPORT THE SMPU5/VCDX-2000/DRM APPLICATION. ETHERNET TRANSCEIVER(S) TO SMC CABLE RACK BULKHEAD CONNECTOR. (8 FT IN LENGTH)	54 67 500		K8	1	ED5D765-12 SD5D545-01	8 7				
EQUIPMENT FOR A CONNECTORIZED CABLE ASSEMBLY TO SUPPORT THE SMPU5/VCDX-2000/DRM APPLICATION. ETHERNET LINK FROM SMC CABLE RACK BULKHEAD CONNECTOR TO WORK STATION. (50 FT IN LENGTH)	54 67 500		K9	1	ED5D765-12 SD5D545-01	9 7				
EQUIPMENT FOR A CONNECTORIZED CABLE ASSEMBLY TO SUPPORT THE SMPU5/VCDX-2000/DRM APPLICATION. CPI CROSS-CONNECT CABLE, SMPU5 SIDE 0 TO SIDE 1.	54 67 500		K10	1	SD5D545-01	7				
EQUIPMENT FOR A CONNECTORIZED CABLE ASSEMBLY TO SUPPORT THE SMPU5/VCDX-2000/DRM APPLICATION. CPI TO WORK STATION RS-232 LINK IN A NON-EMC SMC CABINET. (25 FT IN LENGTH)	54 67 500		K11	1	SD5D545-01	7				
EQUIPMENT FOR A CONNECTORIZED CABLE ASSEMBLY TO SUPPORT THE SMPU5/VCDX-2000/DRM APPLICATION. CPI TO WORK STATION RS-232 LINK IN A NON-EMC SMC CABINET. (50 FT IN LENGTH)	54 67 500		K12	1	SD5D545-01	7				
EQUIPMENT FOR A CONNECTORIZED CABLE ASSEMBLY TO SUPPORT THE SMPU5/VCDX-2000/DRM APPLICATION. CPI RS232 LINK TO THE CABLE ADAPTER MOUNTED AT THE CABLE RACK BULKHEAD WHEN AN EMC TREATED CABINET IS INSTALLED. (7 FT IN LENGTH).	54 67 500		K13	1	SD5D545-01	7				
EQUIPMENT FOR A CONNECTORIZED CABLE ASSEMBLY TO SUPPORT THE SMPU5/VCDX-2000/DRM APPLICATION. SHIELDED RS232 LINK TO THE WORK-STATION FROM THE GLOBAL CABLE RACK BULKHEAD ADAPTER IN AN EMC TREATED 5ESS-2000 SMC CABINET. (25 FT IN LENGTH)	54 67 500		K14	1	ED5D765-11 SD5D545-01	7 7				
EQUIPMENT FOR A CONNECTORIZED CABLE ASSEMBLY TO SUPPORT THE SMPU5/VCDX-2000/DRM APPLICATION. SHIELDED RS232 LINK TO THE WORK-STATION FROM THE GLOBAL CABLE RACK BULKHEAD ADAPTER IN AN EMC TREATED 5ESS-2000 SMC CABINET. (50 FT IN LENGTH)	54 67 500		K15	1	ED5D765-11 SD5D545-01	8 7				
HARDWARE REQUIRED IN ADDITION TO LIST 18A TO PROVIDE T-CONNECTORS AND TERMINATING RESISTOR TO SUPPORT ETHERNET CONNECTIONS FOR VCDX-2000 OR DRM APPLICATIONS EQUIPPED WITH SUN NETRA-T 1120.	54 67 500		K16	1	SD5D545-01	7				
END OF TABLE-A										

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C2

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S H O P	I N S T	MANUFACTURING NOTES															
		***** CONTINUED *****															
X	X	28. THAT CAN BE LABELED PER GROUP 91 OR GROUP 117. MULTIPURPOSE POSITIONS ARE ONLY LABELED WHEN THE EQUIPMENT ORDER SPECIFIES THAT A CIRCUIT PACK IS TO BE INSTALLED AT THAT LOCATION. HORIZONTAL EQL 114 IS ALWAYS EQUIPPED WITH THE SAME CIRCUIT PACK CODE. WHEN THE EQUIPMENT ORDER INDICATES THAT THIS EQL WILL BE EQUIPPED, THE REAR DESIGNATION STRIP LABEL WILL BE PRINTED PER GROUP 132.															
X	X	29. HORIZONTAL EQL'S 156, 166, AND 176 ARE MULTIPURPOSE POSITIONS THAT CAN BE LABELED PER GROUP 174 OR GROUP 147. MULTIPURPOSE POSITIONS ARE ONLY LABELED WHEN THE EQUIPMENT ORDER SPECIFIES THAT A CIRCUIT PACK IS TO BE INSTALLED AT THAT LOCATION.															
X	X	30. WHEN THIS UNIT SHIPS FROM THE FACTORY EQUIPPED WITH A FINAL ASSEMBLY KIT AND LABEL FILM, STAMP THE DESIGNATED LABEL INFORMATION AT HEQL 014, EVEN IF THE CIRCUIT PACK LIST IS NOT ORDERED.															
X	X	31. WHEN THIS UNIT SHIPS FROM THE FACTORY EQUIPPED WITH A FINAL ASSEMBLY KIT AND LABEL FILM, STAMP THE DESIGNATED LABEL INFORMATION AT HEQL 061, EVEN IF THE CIRCUIT PACK LIST IS NOT ORDERED.															
X	X	32. HEQL 106 IS A MULTIPURPOSE POSITION THAT CAN BE LABELED PER GROUP 200 OR GROUP 204. MULTIPURPOSE POSITIONS ARE ONLY LABELED WHEN AN EQUIPMENT ORDER SPECIFIES THAT A CIRCUIT PACK IS TO BE EQUIPPED AT THAT POSITION. WHEN LIST 9B IS ORDERED WITHOUT LIST D5, THE LABEL WILL BE STAMPED PER GROUP 200. WHEN BOTH LIST 9B AND LIST D5 ARE ORDERED, THE LABEL WILL BE STAMPED PER GROUP 204.															
X	X	33. WHEN THIS UNIT SHIPS FROM THE FACTORY EQUIPPED WITH A FINAL ASSEMBLY KIT AND LABEL FILM, STAMP THE DESIGNATED LABEL INFORMATION AT HEQL 122, 130, 138, AND 146 EVEN IF THE CIRCUIT PACK LIST IS NOT ORDERED.															
X	X	34. HORIZONTAL EQL 072 IS A MULTIPURPOSE POSITION THAT CAN BE LABELED PER GROUP 180 OR GROUP 205. MULTIPURPOSE POSITIONS ARE ONLY LABELED WHEN THE EQUIPMENT ORDER SPECIFIES THAT A CIRCUIT PACK IS TO BE INSTALLED IN THAT LOCATION.															
X	X	35. LIST 28, BKJ2 (OPTION ZJ) IS EQUIPPED ON THE WIRING SIDE OF SIDE 0 AND SIDE 1 BEHIND LIST 27, UN599 (APCO), IN SUPPORT OF THE OXU FEATURE. BKJ2 0, BKJ2 1, BKJ2 2, AND BKJ2 3 ARE REQUIRED TO PROVIDE OPTICAL INTERFACES FOR OXU1, OXU2, OXU3, AND OXU4, RESPECTIVELY, AND ARE EQUIPPED AS FOLLOWS:  <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>OXU</th> <th>BKJ PADDLEBOARD</th> <th>EQL</th> </tr> </thead> <tbody> <tr><td>OXU1</td><td>BKJ2 0</td><td>04-072-100</td></tr> <tr><td>OXU2</td><td>BKJ2 1</td><td>04-072-113</td></tr> <tr><td>OXU3</td><td>BKJ2 2</td><td>04-072-132</td></tr> <tr><td>OXU4</td><td>BKJ2 3</td><td>04-072-145</td></tr> </tbody> </table> <p>EQL'S WHICH DO NOT HAVE A BKJ2 PADDLEBOARD EQUIPPED MUST HAVE LIST 33 (OXU BACKPLANE PADDLEBOARD, OPTION ZP) EQUIPPED INSTEAD.</p>	OXU	BKJ PADDLEBOARD	EQL	OXU1	BKJ2 0	04-072-100	OXU2	BKJ2 1	04-072-113	OXU3	BKJ2 2	04-072-132	OXU4	BKJ2 3	04-072-145
OXU	BKJ PADDLEBOARD	EQL															
OXU1	BKJ2 0	04-072-100															
OXU2	BKJ2 1	04-072-113															
OXU3	BKJ2 2	04-072-132															
OXU4	BKJ2 3	04-072-145															
X	X	36. LIST 29, BKJ1 (OPTION ZK) IS EQUIPPED ON THE WIRING SIDE OF SIDE 0 AND SIDE 1 BEHIND LIST 27, UN599 (APCO), IN SUPPORT OF THE OXU FEATURE. BKJ1 0, BKJ1 1, BKJ1 2, AND BKJ1 3 ARE REQUIRED TO PROVIDE OPTICAL INTERFACES FOR OXU5, OXU6, OXU7, AND OXU8, RESPECTIVELY, AND ARE EQUIPPED AS FOLLOWS:  <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>OXU</th> <th>BKJ PADDLEBOARD</th> <th>EQL</th> </tr> </thead> <tbody> <tr><td>OXU5</td><td>BKJ1 0</td><td>04-072-400</td></tr> <tr><td>OXU6</td><td>BKJ1 1</td><td>04-072-413</td></tr> <tr><td>OXU7</td><td>BKJ1 2</td><td>04-072-432</td></tr> <tr><td>OXU8</td><td>BKJ1 3</td><td>04-072-445</td></tr> </tbody> </table> <p>EQL'S WHICH DO NOT HAVE A BKJ1 PADDLEBOARD EQUIPPED MUST HAVE LIST 33 (OXU BACKPLANE PADDLEBOARD, OPTION ZP) EQUIPPED INSTEAD.</p>	OXU	BKJ PADDLEBOARD	EQL	OXU5	BKJ1 0	04-072-400	OXU6	BKJ1 1	04-072-413	OXU7	BKJ1 2	04-072-432	OXU8	BKJ1 3	04-072-445
OXU	BKJ PADDLEBOARD	EQL															
OXU5	BKJ1 0	04-072-400															
OXU6	BKJ1 1	04-072-413															
OXU7	BKJ1 2	04-072-432															
OXU8	BKJ1 3	04-072-445															
X	X	37. LIST 30, 982CAJ CONNECTOR, IS EQUIPPED ON THE WIRING SIDE AT 19-061-132.  LIST 31, 982CAK CONNECTOR, IS EQUIPPED ON THE WIRING SIDE AT 28-061-132.															
X	X	38. LIST K16, ETHERNET T-CONNECTORS AND TERMINATING RESISTOR, IS EQUIPPED ON THE WIRING SIDE OF LIST 1 AND LIST 2, BEHIND LIST 17, UN584 (MHEIB), AND ATTACHED TO LIST 18A (982YPA), IN SUPPORT OF VCDX-2000 OR DRM APPLICATIONS EQUIPPED WITH SUN NETRA-T 1120 WORKSTATIONS. ONE T-CONNECTOR IS EQUIPPED ON SIDE 1; THE OTHER T CONNECTOR AND THE TERMINATING RESISTOR ARE EQUIPPED ON SIDE 0.															

S H O P	I N S T	MANUFACTURING NOTES
		***** CONTINUED *****
		USING LIST 8, UN538 (MH), AT 04-088 AND 04-096, IF REQUIRED.
		LIST 17, UN584 (MHEIB), IS EQUIPPED IN LIST 1 AND LIST 2 AT 04-096 (MH2) FOR THE REAL TIME CALL DETAIL FEATURE OR THE PER CALL CONTROL OF BROADBAND ECHO CANCELLERS FEATURE IN THE SESS-2000 TOLL ENVIRONMENT.
		LIST 17, UN584 (MEHIB), IS EQUIPPED IN LIST 1 AND LIST 2 AT 04-080 (MH0) AND AT 04-096 (MH2) FOR 7R/E APPLICATIONS. SOFTWARE DEPENDENCY DEFINES THESE LOCATIONS.
X	X	19. LIST 18/18A, 982YP/982YPA, (OPTION ZD) IS EQUIPPED ON THE WIRING SIDE OF LIST 1 AND LIST 2 BEHIND LIST 17, UN584 (MHEIB), AT 04-080-100 (MH0) IN SUPPORT OF VCDX-2000 OR DRM APPLICATIONS.  LIST 18A, 982YPA, (OPTION ZD) IS EQUIPPED ON THE WIRING SIDE OF LIST 1 AND LIST 2, BEHIND LIST 17, UN584 (MHEIB) AT 04-096-100 (MH2) IN SUPPORT OF THE "REAL TIME CALL DETAIL" FEATURE OR THE "PER CALL CONTROL OF BROADBAND ECHO CANCELLERS" FEATURE.  LIST 18A, 982YPA (OPTION ZD) IS EQUIPPED ON THE WIRING SIDE OF LIST 1 AND 2, BEHIND LIST 17, UN584 (MEHIB) AT BOTH 04-080-100 (MH0) AND 04-096-100 (MH2) IN SUPPORT OF 7R/E APPLICATIONS.  LIST 18A HAS A TOGGLE SWITCH (S3) TO SELECT THE APPROPRIATE FEATURE INTERFACE CIRCUITRY. THE TOGGLE IS "UP" TO SELECT THE RJ45 JACK FOR REAL TIME CALL DETAIL, PER CALL CONTROL OF BROADBAND ECHO CANCELLERS, AND 7R/E APPLICATIONS, AND "DOWN" TO SELECT THE COAX CONNECTOR FOR VCDX-2000 OR DRM APPLICATIONS.  DIP SWITCH, S1 ON 982YP & S2 ON 982YPA, IS USED IN ETHERNET ADDRESS CODING. EACH FEATURE HAS ITS OWN UNIQUE ADDRESS.  WHEN EQUIPPING THE 982YP/982YPA FOR VCDX-2000 OR DRM, THE ADDRESS DIP SWITCH FOR SIDE 0 (LIST 1) IS SET WITH SWITCH 1 OFF (OPEN), SWITCHES 2 - 8 ON (CLOSED). SWITCH SETTINGS FOR SIDE 1 (LIST 2) ARE SWITCH 1 ON (CLOSED), SWITCH 2 OFF (OPEN), SWITCHES 3 - 8 ON (CLOSED).  WHEN EQUIPPING THE 982YPA FOR REAL TIME CALL DETAIL, PER CALL CONTROL OF BROADBAND ECHO CANCELLERS, OR 7R/E APPLICATIONS, DIP SWITCH SETTING FOR SIDE 0 (LIST 1) IS SWITCHES 1 & 3 OFF (OPEN), SWITCHES 2, 4 - 8 ON (CLOSED). SWITCH SETTINGS FOR SIDE 1 (LIST 2) ARE SWITCHES 1, 4 - 8 ON (CLOSED) AND 2 & 3 OFF (OPEN).
X	X	20. LIST 19, 982YN (OPTION ZE), IS EQUIPPED ON THE WIRING SIDE OF THE SMPU5 LIST 1 AND LIST 2 AT 04-070-000.
X	X	21. LIST 20, 982ZDU (OPTION ZG), IS INSTALLED ON THE WIRING SIDE OF THE SMPU5 LIST 1 AND LIST 2 AT 04-012-019. ED5D678-12 G20 CABLE ASSEMBLY WHICH IS FURNISHED WITH THE ASU2, MATES WITH THE LATCHING HEADER ON EACH LIST 20 WHICH IS EQUIPPED IN THE SMPU5.
X	X	22. LIST 21, 8-PIN RJ45 TO 25-PIN RS232 ADAPTER, IS REQUIRED TO PERFORM A DUAL ROLE, DEPENDENT UPON WHETHER THE VCDX-2000 OR DRM APPLICATION USES AN EMC OR NON-EMC TYPE CABINET. IN AN EMC CONFIGURATION THE ADAPTER MOUNTS IN THE GLOBAL CABLE RACK. IN THE NON-EMC TYPE APPLICATION THE ADAPTER MOUNTS AT THE WORKSTATION SERIAL/PARALLEL INTERFACE. REFER TO THE FOLLOWING DRAWINGS FOR DETAILED CONFIGURATION AND CABLING DATA FOR THE WORKSTATION INTERFACE TO SM2000: SD5D534-01/ED5D764-30 FOR VCDX-2000 APPLICATIONS USING THE SPARC 5 WORKSTATION ED5D764-35/J5D005E-1 FOR VCDX-2000 APPLICATIONS USING THE SUN NETRA-T 1120 WORKSTATION ED5D873-30 FOR DRM APPLICATIONS USING THE SUN NETRA-T 1120 WORKSTATION
X	X	23. BASIC FRONT AND REAR LABEL INFORMATION THAT IS ALWAYS REQUIRED WHEN THE SMPU5 SIDE 0 UNIT IS ACCOMPANIED BY A FINAL ASSEMBLY KIT
X	X	24. BASIC FRONT AND REAR LABEL INFORMATION THAT IS ALWAYS REQUIRED WHEN THE SMPU5 SIDE 1 UNIT IS ACCOMPANIED BY A FINAL ASSEMBLY KIT
X	X	25. HORIZONTAL EQL 032 IS A MULTIPURPOSE EQL THAT IS ALWAYS EQUIPPED, AND CAN BE LABELED PER GROUP 125, GROUP 143, OR GROUP 176. A MULTIPURPOSE POSITION IS LABELED WHEN THE EQUIPMENT ORDER SPECIFIES WHICH PARTICULAR CIRCUIT PACK IS TO BE EQUIPPED AT THAT POSITION.
X	X	26. HORIZONTAL EQL'S 042 AND 052 ARE MULTIPURPOSE POSITIONS THAT CAN BE LABELED PER GROUP 93 OR GROUP 121. MULTIPLE PURPOSE POSITIONS ARE ONLY LABELED WHEN THE EQUIPMENT ORDER SPECIFIES THAT A CIRCUIT PACK IS TO BE INSTALLED AT THAT LOCATION.
X	X	27. HORIZONTAL EQL'S 080, 088, AND 096 ARE MULTIPURPOSE POSITIONS ----- CONTINUED TO THE LEFT -----

S H O P	I N S T	MANUFACTURING NOTES
		***** CONTINUED *****
		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.
X	X	12. LIST 1 & LIST 2 ARE EQUIPPED IDENTICALLY. THE EQUIPMENT POSITIONS ARE LISTED FOR SUPPORTED APPARATUS IN THE STOCKLIST. THE SMPU5 SUPPORTS MULTIPLE QUANTITIES OF SOME OF THE APPARATUS CODES TO ACCOMMODATE FUTURE EXPANSION. GROWTH EQUIPPAGE IS TO OCCUR FROM LEFT TO RIGHT FOR ALL APPARATUS THAT IS SUPPORTED IN QUANTITIES GREATER THAN ONE.
X	X	13. THE 848193876 APPARATUS BLANK KIT IS REQUIRED TO SUPPORT EITHER A LIST 1 OR LIST 2 SMPU5 SHELF ASSEMBLY. THE APPARATUS BLANKS ARE EQUIPPED PER THE "APP BLNK EQUIP" TABLE. THE KIT SUPPORTS A BASIC CIRCUIT PACK EQUIPPAGE; GROWTH CIRCUIT PACKS WILL CAUSE APPARATUS BLANKS TO BE DELETED DURING SHELF ASSEMBLY.
X	X	14. RESERVED
X	X	15. THE CABLE SUPPORTS ARE TO BE LOCATED AT THE UPPER AND MIDDLE POSITIONS ON THE SIDE 1 UNIT, AND AT THE UPPER, MIDDLE, AND LOWER POSITIONS OF SIDE 0. THE FIVE CABLE SUPPORTS REQUIRED AND THEIR MOUNTING SCREWS ARE INCLUDED IN FINAL ASSEMBLY KITS 847718947, 847718954, 847745114, AND 847745122.
X	X	16. LIST 14, 982ET (OPTION ZC) IS EQUIPPED ON THE WIRING SIDE OF SIDE 0 AND SIDE 1 AT 04-070-000 IN ALL STANDARD SM2000, EXM2000, AND 7R/E APPLICATIONS.
X	X	17. LIST 15 (OPTION ZA), LIST 16 (OPTION ZB), AND LIST 24 (OPTION ZH) AND LIST 32 (OPTION ZN) ARE EQUIPPED ON THE WIRING SIDE OF LIST 1 AND LIST 2 TO ACTIVATE THEIR RESPECTIVE OPTIONS.
		OPTION ----- EQL POSITION ----- ORIENTATION ----- PIN CONNECTED ----- 30 CHANNEL E1 MODE (ZA) 04-011-018 HORIZONTAL 04-012-018 AUTO POWER RESTART (ZB) 04-014-204 VERTICAL 04-014-205 04-014-304 VERTICAL 04-014-305 XCDU MODE (ZH) 04-011-017 HORIZONTAL 04-012-017 OXU MODE (ZN) 04-011-017 HORIZONTAL 04-012-017
X	X	18. LIST 17, UN584 (MHEIB), IS EQUIPPED IN LIST 1 AND LIST 2 AT 04-080 (MH0) FOR VCDX-2000/DRM APPLICATIONS. SOFTWARE DEPENDENCY DEFINES THIS LOCATION. ADDITIONAL MH SUPPORT IS ACCOMPLISHED ----- CONTINUED TO THE LEFT -----

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BT13

SESS SWITCHING EQUIPMENT  
SPECIFICATION FOR  
SWITCHING MODULE PROCESSOR  
UNIT MODEL 5

DWG SIZE C2	ISSUE 47
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LUCENT TECHNOLOGIES INC J5D003NG-1

SHEET D1  
OF 15

J5D003NG-1

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	1	1	847592508		ASSEMBLY, SHELF UNIT ASSEMBLY SMPUS SIDE "0"			12
1010	2	1	847592516		ASSEMBLY, SHELF UNIT ASSEMBLY SMPUS SIDE "1"			12
1020	B1	1	103752721	150A	BLANK, APPARATUS POS 0			13
1030	B2	1	104042106	158A	BLANK, APPARATUS POS 88			13
1040	B3	1	104042163	158G	BLANK, APPARATUS POS 16 & 21			13
1050	B4	1	104042122	158C	BLANK, APPARATUS POS 9 (TEST SLOT), POS 19 & 24 (LIST 5 OR 6), POS 34 (NOT USED), POS 42 & 46 (LIST 8), POS 55 (LIST 10 OR 11), POS 63, 67 & 71 (LIST 12)			14
1051	B4	1	104042148	158E	BLANK, APPARATUS POS 8 (TEST SLOT), POS 18 & 23 (LIST 5 OR 6), POS 33 (LIST 23), POS 41 & 45 (LIST 8), POS 54 (LIST 10 OR 11), POS 62, 66, & 70 (LIST 12)			14
1060	B5	1	104167531	158H	BLANK, APPARATUS POS 81 & 86 (LIST 13)			14
1061	B5	1	104042155	158F	BLANK, APPARATUS POS 80 & 85 (LIST 13)			14
1070	3	1	107629123	UN589	PACK, CIRCUIT CLEI = E5PQAPZA EQUIP AT 04-014			12
1071	3A	1	108022393	UN589	PACK, CIRCUIT PCD/POWER CONTROL & DISPLAY CLEI = E5PQAVMA EQUIP AT 04-014			12
1072	3B	1	108438326	UN589	PACK, CIRCUIT POWER, CONTROL, AND DISPLAY (PCD) FE CLEI=E5PQAZGA CLEI = E5PQA1TA EQUIP AT 04-014			12
1073	3C	1	108409020	UN589B	PACK, CIRCUIT PCD/POWER, CONTROL & DISPLAY CLEI = E5PQAY8A			12
1074	3D	1	108767393	UN589B	PACK, CIRCUIT PCD/POWER, CONTROL & DISPLAY CLEI = E5PQA1VA EQUIP AT 04-014			12
1080	4	1	107715955	UN560	PACK, CIRCUIT FE CLEI=E5PQAVFA FE CLEI=E5PQARZA CLEI = E5PQAW1A EQUIP AT 04-032			12
1081	4A	1	108628389	UN560	PACK, CIRCUIT FE CLEI=E5PQA1HA CLEI = E5PQA3SA EQUIP AT 04-032			12
1090	5	1	107147118	TN1685	PACK, CIRCUIT FE CLEI=E5PQAKSA CLEI = E5PQALYA EQUIP AT 04-042, 04-052			12
1100	6	1	106501703	TN1806	PACK, CIRCUIT CLEI = E5PQAJ6A EQUIP AT 04-042, 04-052			12
1110	7	1	107510828	KBN8B	PACK, CIRCUIT BUS SERVICE NODE CLEI = E5PQA3WA EQUIP AT 04-061 FE CLEI = E5PQA02A			12
1120	8	1	107073009	UN538	PACK, CIRCUIT FE CLEI= E5PQAJCA CLEI = E5PQATCA EQUIP AT 04-080, 04-088, 04-096			12
1130	9	1	106442775	UN539	PACK, CIRCUIT FE CLEI=E5PQAR8A FE CLEI=E5PQAR8A FE CLEI=E5PQAHEA CLEI = E5PQATDA EQUIP AT 04-106			12

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

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1131	9A	1	107787731	UN539B	PACK, CIRCUIT ATC/ APPLICATION CONTRLLER CLEI = E5PQAS2A EQUIP AT 04-106			12
1132	9B	1	108162454	UN539B	PACK, CIRCUIT APPLICATION CONTROLLER (APC) CLEI = E5PQAWYA EQUIP AT 04-106			12
1150	11	1	107678559	UN395B	PACK, CIRCUIT CLEI = E5PQARCA EQUIP AT 04-114			12
1160	12	1	107872293	UN71C	PACK, CIRCUIT, CONTROL INTERFACE 2 FE CLEI=E5PQATYA CLEI = E5PQAYLA EQUIP AT 04-122, 04-130, 04-138, 04-146			12
1170	13	1	106456981	UN363	PACK, CIRCUIT CLEI = E5PQAEUA EQUIP AT 04-156, 04-166, 04-176			12
1180	14	1	103759098	982ET	CONNECTOR EQUIP AT 04-070-000			12 16
1190	15,16,24, 32	1	102898509	963E-2	CONNECTOR			17
1200	17	1	107183691	UN584	PACK, CIRCUIT CLEI = E5PQAK6A EQUIP AT 04-080 FOR VCDX-2000 OR DRM EQUIP AT 04-096 FOR RTCD EQUIP AT 04-080 AND 04-096 FOR 7R/E			12 18
1210	18	1	106197957	982YP	CONNECTOR, ELECTRICAL ADAPTER EQUIP AT 04-080-100			19
1211	18A	1	108076944	982YPA	CONNECTOR, ELECTRICAL, ADAPTER EQUIP AT 04-080-100 FOR VCDX-2000 OR DRM EQUIP AT 04-096-100 FOR RTCD EQUIP AT 04-080-100, 04-096-100 FOR 7R/E			12 19
1220	19	1	106197940	982YN	CONNECTOR, ELECTRICAL ADAPTER CLEI FE=E5PQAKHA CLEI = E5PQAWDA EQUIP AT 04-070-000			20
1230	20	1	106708779	9822DU	CONNECTOR, ELECTRICAL EQUIP AT 04-012-019			21
1240	21	1	403602717		PLUG, TERMINAL PRINTER F/3B2 #232-21-25-010 TRW INC.			22
1250	22	1	107756603	UN593	PACK, CIRCUIT CLEI = E5DTMF0A EQUIP AT 04-032			12
1251	22A	1	108022385	UN593	PACK, CIRCUIT FE CLEI=E5DTMFCA MICROPROCESSOR CORE60 TURBO W/64MB MEMORY CLEI = E5DTEFDA EQUIP AT 04-032			12
1252	22B	1	108628397	UN593	PACK, CIRCUIT MICROPROCESSOR CORE60 TURBO W/ 64MB MEMORY CLEI = E5DTEFHA EQUIP AT 04-032			12

STOCKLIST CONTINUED ON SHEET D3

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BT13

5ESS SWITCHING EQUIPMENT  
SPECIFICATION FOR  
SWITCHING MODULE PROCESSOR  
UNIT MODEL 5

DWG SIZE  
C2

ISSUE  
47

LUCENT TECHNOLOGIES INC J5D003NG-1

SHEET D2  
OF 15

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1253	22C	1	109096180	UN593	PACK, CIRCUIT 64MB MEMORY LU CLEI = E5DTEFLA EQUIP AT 04-032			12
1260	23	1	107077026	UN555	PACK, CIRCUIT FE CLEI=E5PQAK3A CLEI = E5PQAXDA EQUIP AT 04-072 FOR XCDU			12
1270	25	1	107611477	UN588	PACK, CIRCUIT MICROPROCESSOR CORE W/ 128MB MEMORY CLEI = E5PQATHA EQUIP AT 04-032			12
1271	25A	1	108286717	UN588	PACK, CIRCUIT FE CLEI=E5PQA04A FE CLEI=E5PQAXXA FE CLEI=E5PQA1CA CLEI = E5PQA19A EQUIP AT POS 04-032			12
1280	26	1	107666182	UN590	PACK, CIRCUIT LOCAL DIGITAL SERVICE FE CLEI=E5PQAS9A CLEI = E5PQA0FA EQUIP AT 04-156, 04-166, 04-176			12
1281	26A	1	108627365	UN590	PACK, CIRCUIT CLEI = E5PQA1FA LOCAL DIGITAL SERVICE EQUIP AT 04-156, 04-166, 04-176			12
1290	27	1	108389453	UN599	PACK, CIRCUIT APCO/ APPLICATION CONTROLLER  CLEI = E5PQAZ6A EQUIP AT 04-072 FOR OXU			12 35 36
1300	28	1	108423138	BKJ2	PACK, CIRCUIT CPLI/ CONTROL PERIPHERAL LINK INTERFACE CLEI = E5PQAZEA EQUIP AT 04-072-100, 04-072-113, 04-072-132, 04-072-145.			12 35
1310	29	1	108408808	BKJ1	PACK, CIRCUIT CPLI/ CONTROL PERIPHERAL LINK INTERFACE CLEI = E5PQAZAA EQUIP AT 04-072-400, 04-072-413, 04-072-432, 04-072-445.			12 36
1320	30	1	108819269	982CAJ	PADDLE, BACKPLANE CLEI = E5PQA2MA EQUIP AT 04-061-132			37
1330	31	1	108819277	982CAK	PADDLE, BACKPLANE CLEI = E5PQA2NA EQUIP AT 13-061-132			37
1340	33	1	109006668	96003-0003	PADDLE, BACKPLANE FCI			12 35 36
1600	K1	1	ED5D734-40,G8		KIT, 5ESS		*	
1610	K2	1	ED5D734-40,G9		KIT, 5ESS		*	
1620	K3	1	ED5D734-40,G10		KIT, 5ESS		*	
1630	K4	1	ED5D734-40,G2		KIT, 5ESS		*	
1640	K5	1	ED5D734-40,G4		KIT, 5ESS		*	
1650	K6	1	ED5D734-40,G17		KIT, 5ESS		*	
1660	K7	1	ED5D765-12,G7		CABLE, RG58/U		*	
1670	K8	1	ED5D765-12,G8		CABLE, RG58/U		*	
1680	K9	1	ED5D765-12,G9		CABLE, RG58/U		*	
1690	K10	1	107330839	MMD-1	CABLE ASSEMBLY, CORD 28GA, 8 CONDUCTOR, 14IN LG		*	19
1700	K11	1	103786828	D8W-87	CORD 25 FT.			22
1710	K12	1	103866109	D8W-87	CORD 50 FT.			22
1720	K13	1	103786786	D8W-87	CORD 7 FT.			22
1730	K14	1	ED5D765-11,G7		CABLE, 5ESS-2000			22

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

J5D003NG-1

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1740	K15	1	ED5D765-11,G8		CABLE, 5ESS-2000			22
1750	K16	2	401715362		ADAPTER #31-208 AMPHENOL			38
1760	K16	1	406143727		TERMINATION #46650-51 AMPHENOL			38
2000	F1	1	847718947		KIT, FINAL ASSEMBLY 5ESS		*/	15
2010	F2	1	847718954		KIT, FINAL ASSEMBLY 5ESS		*/	15
2020	F3	1	847745114		KIT, FINAL ASSEMBLY 5ESS		*/	15
2030	F4	1	847745122		KIT, FINAL ASSEMBLY 5ESS		*/	15
2080	G1	1	847286721		KIT, MOUNTING UNIT GUIDE FOR 132 TYPE APP MTG		*/	
2090	G2	1	847196748		KIT, MOUNTING UNIT GUIDE FOR 132 TYPE APP MTG		*/	
2100	D1	1	ED5D075-11,G137		LABEL		*	
2110	D2	1	ED5D075-11,G138		LABEL		*	
2120	D3	1	ED5D075-11,G139		LABEL		*	
2130	D4	1	ED5D075-11,G140		LABEL		*	
2200	D20	1	ED5D075-11,G125		LABEL		*	
2210	D21	1	ED5D075-11,G126		LABEL		*	
2220	D22	1	ED5D075-11,G93		LABEL		*	
2230	D23	1	ED5D075-11,G102		LABEL		*	
2240	D24	1	ED5D075-11,G121		LABEL		*	
2250	D25	1	ED5D075-11,G122		LABEL		*	
2260	D26	1	ED5D075-11,G91		LABEL		*	
2270	D27	1	ED5D075-11,G101		LABEL		*	
2280	D28	1	ED5D075-11,G117		LABEL		*	
2290	D29	1	ED5D075-11,G118		LABEL		*	
2320	D32	1	ED5D075-11,G133		LABEL		*	
2330	D33	1	ED5D075-11,G134		LABEL		*	
2340	D34	1	ED5D075-11,G174		LABEL		*	
2350	D35	1	ED5D075-11,G175		LABEL		*	
2360	D36	1	ED5D075-11,G176		LABEL		*	
2370	D37	1	ED5D075-11,G177		LABEL		*	
2380	D38	1	ED5D075-11,G180		LABEL		*	
2390	D39	1	ED5D075-11,G181		LABEL		*	

STOCKLIST CONTINUED ON SHEET D4

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BT13

5ESS SWITCHING EQUIPMENT  
SPECIFICATION FOR  
SWITCHING MODULE PROCESSOR  
UNIT MODEL 5

DWG SIZE C2 ISSUE 47

LUCENT TECHNOLOGIES INC J5D003NG-1

SHEET D3 OF 15

STOCKLIST

ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
2400	D40	1	ED5D075-11,G143		LABEL		*	
2410	D41	1	ED5D075-11,G144		LABEL		*	
2420	F5	1	848193876		KIT, APPARATUS BLANK			13
2430	D42	1	ED5D075-11,G147		LABEL		*	
2440	D43	1	ED5D075-11,G148		LABEL		*	

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

APP BLNK EQUIP

POSITION NUMBER	APPARATUS BLANK TYPE	COMCODE
0	158A	103752721
8	158E	104042148
16	158G	104042163
18	158E	104042148
21	158G	104042163
23	158E	104042148
33	158E	104042148
41	158E	104042148
45	158E	104042148
54	158E	104042148
62	158E	104042148
66	158E	104042148
70	158E	104042148
80	158F	104042155
85	158F	104042155
88	158A	104042106

TABLE D9

LIST	ASSOCIATED D LIST	ED GROUP FOR LABEL	NOTE
1		ED5D075-11,G137 (FRONT) ED5D075-11,G197 (REAR)	23
2		ED5D075-11,G139 (FRONT) ED5D075-11,G198 (REAR)	24
3D		ED5D075-11,G199	30
4A		ED5D075-11,G125	25
5		ED5D075-10,G93	26
6		ED5D075-11,G121	26
7		ED5D075-11,G130	31
8		ED5D075-11,G91	27
9B	D5	ED5D075-11,G200 ED5D075-11,G204	32
11		ED5D075-11,G132	28
12		ED5D075-11,G167	33
13		ED5D075-11,G174	29
17		ED5D075-11,G117	27
22C		ED5D075-11,G176	25
23		ED5D075-11,G180	34
25A		ED5D075-11,G143	25
26A		ED5D075-11,G147	29
27		ED5D075-11,G205	34

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