

| ISSUE NOTES (CONTINUED) | | | | |
|---|-----------|----------|---------------------|-----------|
| POINT CHANGE 12.1 INCORPORATED. (SL ITEM 2440 QTY WAS 1) ORIG ISS: 09/18/90 CHANGE CLASS: MF | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: TM | CERTIFIED: 08/10/95 | ISSUE: 13 |
| (CN54531) STOCKLIST ITEMS 1330 & 5060 NEW CLEI CODE ADDED. ORIG ISS: 09/18/90 CHANGE CLASS: AC | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: TM | CERTIFIED: 10/04/95 | ISSUE: 14 |
| (H7709) TA LISTS L1 THRU L6 ADDED. SL ITEMS 1624,1625,1644,1645 WERE PART OF LIST 4, SL ITEMS 1626,1646 WERE PART OF LIST 5, SL ITEMS 1764,1765,1774,1775 WERE PART OF LIST 4A, SL ITEMS 1766, 1776 WERE PART OF LIST 5A, SL ITEMS 1767,1768,1777,1778,1769,1779 ADDED. ORIG ISS: 09/18/90 NDD NBR: NDD5D003NW-701 CHANGE CLASS: MF | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: TM | CERTIFIED: 04/25/96 | ISSUE: 15 |
| CN74501: TA LISTS 150A, 204A & 575A ADDED. LISTS 150, 204 & 575 D.A.'D. SL ITEMS 2001, 2431 & 5141 ADDED, 1280 & 2010 MODIFIED. TABLE D4, D5 & D10 MODIFIED. NDD5D003NW-796(CLASS B):TA LISTS 140 THRU 146 DA'D. ORIG ISS: 09/18/90 CHANGE CLASS: AU | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: TM | CERTIFIED: 04/17/97 | ISSUE: 16 |
| H8144:THE FOLLOWING TA LIST HAVE BEEN DA'D PER 04/15/97 : 4,4A,5, 11,503,E,L1 THRU L5. LUCENT PROPRIETARY CODE ADDED. CANNED MANUFACTURING NOTES ACTIVATED. EN NOTE 64 & 163 REMOVED, 59, 62, 63, 67, 71, 161, 162, 170 MODIFIED. ORIG ISS: 09/18/90 NDD NBR: NDD5D003NW-842 CHANGE CLASS: B | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: TM | CERTIFIED: 04/18/97 | ISSUE: 17 |
| H8232: CHEETA PHASE 1 CHANGES : EN NOTES 152 THRU 158, 162, 165 & 172 REMOVED. EN 72 ADDED. EN NOTES 54, 55, 57 & 63 MODIFIED. TA LISTS 503, 510, 515, 525, 530, 545, 575, 575A, 580, 581, 582, 583, 584, 585, 586, 600, 601 & 602 MODIFIED TO REFERENCE NEW EN'S TA LISTS 518, 521, 525, 530, 535, 540, 545, 575A, 600, 601, 602, B1, B2, B3, F1, F2, F3, F4 & F5 READ LA. TABLES D4, D5, D6, D7, D8 & D10 REMOVED. TABLE 'D' ADDED. SHEET B1, B2, B3 MODIFIED TO SHOW LUCENT LOGO. ORIG ISS: 09/18/90 NDD NBR: NDD5D003NW-868 CHANGE CLASS: B | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: WK | CERTIFIED: 10/16/97 | ISSUE: 18 |

| ISSUE NOTES (CONTINUED) | | | | |
|---|-----------|-----------|---------------------|-----------|
| CH TAG PIC2=EN NOTES 151 THRU 164 ADDED, TA LISTS 500 THRU 602, B1 THRU B3, F1 THRU F10, G1 & G2 ADDED. SL ITEMS 5000 THRU 5390 ADDED. ALSO PT CH 5.1 & DA DATES FOR SLIM(1) HAS BEEN INCLUDED. ORIG ISS: 09/18/90 NDD NBR: NDD5D003NW-531 CHANGE CLASS: B | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: HPS | CERTIFIED: 12/09/94 | ISSUE: 8 |
| CH TAG=SLIM2 (H7350), EN NOTE 59 MODIFIED, EN NOTES 62 THRU 64, DN NOTE 35 ADDED, TA LISTS 150 & 515 ADDED, SL ITEM 1280 MODIFIED SL ITEMS 2000, 2010 & 5015 ADDED, MT CA MODIFIED. IN TA 'DA' DATES FOR SLIM1 WERE 04/01/95. ORIG ISS: 09/18/90 NDD NBR: NDD5D003NW-534 CHANGE CLASS: B | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: HPS | CERTIFIED: 01/12/95 | ISSUE: 9 |
| CH. TAG=GPI3, EN NOTE 152 CHANGED, AND 165 THRU 172 ADDED. EN NOTE REFERENCES TO LISTS 500 THRU 571 ADDED OR CHANGED. TA LIST 518 ADDED. SL ITEM 5018 ADDED. TABLES D4 THRU D10 ADDED. TA LIST C : FE/RA:NONE ADDED. POINT CHANGE : MN NOTE 32 DELETED AND ALL REFERENCES TO MN NOTE 32. ORIG ISS: 09/18/90 NDD NBR: NDD5D003NW-602 CHANGE CLASS: B | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: TM | CERTIFIED: 05/24/95 | ISSUE: 10 |
| CH TAG=HRIS CHANGED : EN NOTES 53,54,55,59,63,64,153,154,159,160, 162,163, TA LISTS 4,4A,5,5A,11,20,150,A,B,F,530, MN NOTES 15,16, 18,26,31,35, SL ITEMS 1031, 1070,1090,1100,1110,1120,1130,1140, 1200,1250,1261,1480,1500,1520,1590,2010,5140, TABLES AA, CA & B. LINED OUT SL ITEMS 1180, 1181, 1190. ADDED : EN NOTES 66 THRU 71, 169, TA LISTS 200 THRU 207, 515, F11, MN NOTES 36 THRU 38, SL ITEMS 1009,1182,1183,1191,1192,1262,1391,1612,1662,1672,2200 THRU 2460,5015 & 5344. ORIG ISS: 09/18/90 NDD NBR: NDD5D003NW-610 CHANGE CLASS: B | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: TM | CERTIFIED: 06/06/95 | ISSUE: 11 |
| CH TAG=132J, SL ITEMS 1011, 1015 & 1600 LINED OUT. SL ITEMS 1012 & 1013 REINSTATED. LIST 4A, 5, 5A ADDED TO SL ITEMS 1012 & 1013. ORIG ISS: 09/18/90 NDD NBR: NDD5D003NW-632 CHANGE CLASS: MF | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: TM | CERTIFIED: 07/07/95 | ISSUE: 12 |

| ISSUE NOTES | | | | |
|---|-----------|-----------|---------------------|----------|
| ORIG ISS: 09/18/90 CHANGE CLASS: | | | | |
| DRAFT: DSL | ENGR: GLF | SUPV: EJZ | CERTIFIED: 09/18/90 | ISSUE: 1 |
| ADDED AUTO POWER RESTART AND ENHANCED CIRCUIT PACKS. TABLE A LISTS 131,131A,122A AND F ADDED AND STOCKLIST ITEMS 1160,1730, 1740 AND 1750 ADDED. NOTES 31, 56 AND 57 ADDED. LISTS D AND WA IN TABLE A RERATED TO DA. ORIG ISS: 09/18/90 NDD NBR: NDD5D003NW-310 CHANGE CLASS: B | | | | |
| DRAFT: MLG | ENGR: MLG | SUPV: | CERTIFIED: 02/28/92 | ISSUE: 2 |
| CHANGE TAG H7000=IN TA,ST, TABLE B,LIST 4A ADDED.ENG NOTE 58 AND MANF NOTE 32 ADDED.IN SL ITEMS 1760 & 1770 ADDED. DESCRIPTION ON LIST 131A READ (5EE5.1 AND LATER). IN SL ITEMS 1012 AND 1013 LINE OUT,ITEMS 1011 REMOVED LINE OUT AND ITEM 1015 ADDED DUE TO SOURCE PROBLEMS OF 132J. IN SL ITEMS 1730 AND 1740 "(SN617B)" ADDED TO DESCRIPTION.ITEMS 1020,1021,1022,1030 READ MODEL 2 IN DESCRIPTION ORIG ISS: 09/18/90 CHANGE CLASS: B | | | | |
| DRAFT: SEH | ENGR: SEH | SUPV: | CERTIFIED: 06/26/92 | ISSUE: 3 |
| CHANGE TAG H7000=IN TA & SL 4A,5,5A,140 THUR 146 ADDED LIST 132 THUR 139 RESV.LISTS 122,130,131 RATED STANDARD.ENG 59,60,61 ADDED MANF 34 ADDED.IN TABLE A LISTS 4,4A,20,30,40,93,102,113,122A, 131A,A,B AND F MODIFIED. ENGINEERING NOTES 53,54,55 AND 58 MODIFIED AND MANUFACTURING NOTES 14,15,16,18,19,24,25,26,28,32 AND 33 MODIFIED.MT AA,B AND CA MODIFIED. STOCKLIST ITEMS 1181,1191,1241,1261,1301,1611,1621,1624,1625,1626, 1631,1641,1644,1645,1646,1651,1661,1671,1761,1764,1765,1766, 1771,1774,1775,1776,1830,1840,1850,1860,1870,1880,1890,1900, 1910,1920,1930,1940,1950 AND 1960 ADDED. ORIG ISS: 09/18/90 CHANGE CLASS: B | | | | |
| DRAFT: SEH | ENGR: SEH | SUPV: | CERTIFIED: 04/01/93 | ISSUE: 4 |
| CHANGE TAG PI5=IN SL ITEM 1180 ADDED LIST 5A.LIST 4A ADDED TO LIST 11,51,60 AND C. IN TA MODIFIED LIST 51. IN ST ADDED EQL'S TO ITEM 1720. MODIFIED ENGINEERING NOTE 57. ORIG ISS: 09/18/90 CHANGE CLASS: M | | | | |
| DRAFT: PKK | ENGR: PKK | SUPV: | CERTIFIED: 09/23/93 | ISSUE: 5 |
| CHG TAG PI1=CN44522, IN TA LIST F MODIFIED. ST ITEMS 1160,1610 & 1611 MODIFIED. TABLE AA & NOTE 31 MODIFIED. TABLE B MODIFIED FOR CLARIFICATION PURPOSES ONLY. ORIG ISS: 09/18/90 CHANGE CLASS: AC | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: HPS | CERTIFIED: 09/16/94 | ISSUE: 6 |
| CHG TAG GRO=CN44523, IN TA LIST C=DA, 4,4A,5 & 5A MODIFIED, NOTES 24,25 & 53 MODIFIED. NOTE 30 REMOVED AND ST ITEM 1720 LINED OUT. ORIG ISS: 09/18/90 CHANGE CLASS: AC | | | | |
| DRAFT: HRM | ENGR: HRM | SUPV: HPS | CERTIFIED: 09/19/94 | ISSUE: 7 |

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| BT13 | |
| 5ESS SWITCHING EQUIPMENT SPECIFICATION FOR MODULAR METALLIC SERVICE UNIT-EXPORT MODEL 1 (MMSU-E1) | |
| DWG SIZE C2 | ISSUE 27 |
| LUCENT TECHNOLOGIES INC J5D003FD-1 | |
| SHEET A1 OF 18 | |

ENGINEERING NOTES

51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH PRACTICES - NONE.
52. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.
53. \$WHEN 'ALIT' CAPABILITY IS REQUIRED FOR A HOST OR REMOTE SWITCH MODULE (RSM) APPLICATION, J5D003BD-1 UNIT SHOULD BE ORDERED IN PLACE OF THIS UNIT. HOWEVER, LISTS ARE AVAILABLE IN THIS DRAWING FOR "ALIT" CAPABILITY WHEN THIS UNIT IS USED IN A REMOTE UNITS BASE (RUB) OR REMOTE UNITS GROWTH (RUG) APPLICATION AND ONLY ONE SERVICE GROUP IS USED. FOR RUB/RUG APPLICATIONS, ALIT CIRCUIT PACKS ARE USED IN EQLS 034 THRU 058 ONLY.\$
54. METALLIC ACCESS PACKS

A. FOR HOST OR RSM APPLICATIONS, WHEN METALLIC ACCESS PACKS ARE REQUIRED FOR MTB FUNCTION, TWO TN138 CIRCUIT PACKS MUST BE EQUIPPED IN THE FOLLOWING EQLS:
1ST TWO TN138 04-026, 138
2ND TWO TN138 04-034, 146
FOR RUB,RUG OR RUO APPLICATIONS TWO METALLIC ACCESS(MA) PACKS ARE REQUIRED FOR METALLIC LINE TESTING. ONE MA PACK INTERFACES WITH THE MTB'S AND THE OTHER IS REQUIRED FOR PROVIDING A METALLIC PATH TO THE PROTOCOL CIRCUIT OF THE COMMON PACK. THEY MUST BE EQUIPPED IN EQLS 026 AND 114.
55. ALL UNUSED MTB PORTS (0-14) SHALL BE EQUIPPED WITH LIST A OR 600 FOR RUB/RUG AND LIST 205 FOR RU0. FOR HOST OR RSM APPLICATIONS THE MTB PACKS MAY BE LOCATED IN EQLS 04-026, 138, 034 AND 146. FOR RUB/RUG OR RUO APPLICATIONS THE MTB PACK CAN ONLY BE LOCATED IN EQL 04-026.
56. LISTS E AND WA ARE MUTUALLY EXCLUSIVE.
57. \$WHEN THE ISLU (J5D004AK-1) OR ISLU2 (J5D004AL-1) IS EQUIPPED IN OFFICES WITHOUT LINE UNITS, THEN LIST 51 OR 545 (GDX PACK, TN880) IS NOT REQUIRED. A MAXIMUM OF 4 GDX COMPENSATOR PACKS, CAN BE FURNISHED, WHEN ALIT PACKS ARE PROVIDED. A MAXIMUM OF 8 GDX COMPENSATOR PACKS, CAN BE FURNISHED, WHEN ALIT PACKS ARE NOT PROVIDED.\$
58. \$WHEN J5D003FJ-1 FUSE/FILTER UNIT IS TO BE USED, USE LIST 4A OR LIST 5A OR LIST 510.\$
59. LIST 30, 31(TN220B), LIST 40, 41(TN221), LIST 150A, 150B(TN1422) (TN1422) CIRCUIT PACKS MAY BE EQUIPPED IN EQLS 04-026 THRU 058 AND 04-138 THRU 170 AS DETERMINED BY THE LINE ENGINEER. FOR RUB/RUG APPLICATIONS, ONLY EQLS 034 THRU 058 CAN BE USED. FOR RUO APPLICATION ONLY LIST 204A(TN1422) IS REQUIRED AT FIXED EQL 04-058. (SEE ALSO NOTE 68)
60. THE INTERNATIONAL STANDARD TYPE ALIT CIRCUIT PACKS ARE:
MC5X268A1 (HIGH HUMIDITY)
MC5X270A1 (MEDIUM HUMIDITY)
MC5X272A1 (LOW HUMIDITY)
EQLS 034 THRU 058 CAN BE USED AS DETERMINED BY LINE ENGINEER.
61. THE INTERNATIONAL NON-STANDARD TYPE ALIT CIRCUIT PACKS ARE:
MC5X282A1 (VERY HIGH HUMIDITY)
MC5X269A1 (HIGH HUMIDITY)
MC5X271A1 (MEDIUM HUMIDITY)
MC5X273A1 (LOW HUMIDITY)
EQLS 04-034 THRU 058 CAN BE USED AS DETERMINED BY LINE ENGINEER. COUNTRIES CURRENTLY SCHEDULED TO USE THESE PACKS ARE AS FOLLOWS:
A) TAIWAN (NOT APPLICABLE TO RUB/RUG)
B) REPUBLIC OF KOREA
C) PEOPLES REPUBLIC OF CHINA OR COMPATIBLE COUNTRIES
PHONES IN THESE COUNTRIES EXPERIENCE BELL TAPPING WITH THE STANDARD ALIT CIRCUIT PACKS. (THIS VERSION TAKES 10% ADDITIONAL TIME FOR ALIT TESTS).
62. LIST 150A (SLIM2) MAY COEXIST WITH LISTS 93, 102, 113, 122A, 131A (SLIM).
63. A MAXIMUM OF 2 LISTS 150A, 150B OR 575A PER SERVICE GROUP PER SHELF TO ALLOW FOR AN OPTIMUM OF ROUTINE LINE TEST CAPABILITIES. FOR RUO APPLICATIONS ONE LIST 204A OR 575A IS SUFFICIENT FOR ACCEPTABLE ROUTINE LINE TEST CAPABILITIES. THE FIXED EQL LOCATION IS RUO APPLICATIONS IS 04-058.
65. RESERVED.
66. THIS UNIT, USED IN THE RUB, RUG OR RUO APPLICATIONS IS REFERRED TO AS THE REMOTE MODULAR METALLIC SERVICE UNIT. (RMMSU-E1)
67. \$THE FOLLOWING RULES APPLY FOR THIS UNIT :
1) GROWTH MMSU-E1 UNITS ARE NEVER ALLOWED, ORDER APPROPRIATE LIST OF J5D003BD-1.
----- CONTINUED ON NEXT SHEET -----

ISSUE NOTES (CONTINUED)

(CNCA4506) IN STOCKLIST ITEMS 1300, 1301, 2410 AND 5030, CLEI CODE E5PQA3GA ADDED.
ON A CLASS ME BASIS, IN TABLE A LIST 5A, DA DATE ADDED FROM LCMS.
ORIG ISS: 09/18/90 CHANGE CLASS: AC
DRAFT: DSL ENGR: DSL SUPV: DML CERTIFIED: 04/06/01 ISSUE: 26
THIS ISSUE CORRECTS DATA BASE ERRORS THAT APPEARED ON ISSUE 26.
ORIG ISS: 09/18/90 CHANGE CLASS: AC
DRAFT: DSL ENGR: DSL SUPV: DML CERTIFIED: 04/09/01 ISSUE: 27

ISSUE NOTES (CONTINUED)

(CN74532) :IN STOCKLIST ITEMS 2001, 2431 & 5141 CLEI READ E5PQAUJA.
ORIG ISS: 09/18/90 CHANGE CLASS: AC
DRAFT: HRM ENGR: HRM SUPV: WK CERTIFIED: 10/16/97 ISSUE: 19
CN74556:IN STOCKLIST ITEMS 1370 AND 5080 CLEI READ E5PQ37YA.
ORIG ISS: 09/18/90 CHANGE CLASS: AC
DRAFT: HRM ENGR: HRM SUPV: WK CERTIFIED: 12/19/97 ISSUE: 20
(C84521) IN STOCKLIST ITEMS 1300, 1301, 2410 AND 5030 ADD CLEI CODE E5PQAYEA, MAKING E5PQAACA THE 'FE'.
ORIG ISS: 09/18/90 CHANGE CLASS: AC
DRAFT: RAR ENGR: RAR SUPV: CERTIFIED: 08/25/98 ISSUE: 21
(H8458) ENGINEERING NOTES: NOTES 73, 172 THRU 176, 499 AND 500 WERE ADDED. NOTES 53, 57, 58, 67, 68, 72, 151, 161 AND 170 WERE LINED OUT. IN NOTE 51, AT&T WAS REMOVED. NOTES 58, 59, 63 AND 71 WERE MODIFIED. TABLE A: LISTS 6, 7, 21, 31, 41, 52, 150B AND F12 WERE ADDED. IN LISTS 201, 202, 203, 204A, 205, F6 THRU F11, G1, G2 AND L6, REFERENCE TO NOTE 500 ADDED. IN LISTS 201, 202, 204A, 205, 206 AND 207, REF NOTE 68 WAS CHANGED TO 499. IN LISTS 510 AND 515, REF NOTE 67 WAS CHANGED TO 499. IN LIST 510, REF NOTE 53 WAS CHANGED TO 58. IN LIST 510, REF NOTE 174 ADDED. LISTS 20, 30, 40, 51, 60, 150A AND 200 WERE RATED DA. LIST 510, 515, F6 THRU F11, G1 AND G2 WERE RATED TO GA AND REFERENCE TO NOTE 151 WAS REMOVED. LISTS A, B AND F WERE MODIFIED. MANUFACTURING NOTES: NOTES 39 AND 41 THRU 46 WERE ADDED. NOTES 15, 36 AND 37 WERE CHANGED. STOCKLIST: ITEM 5046 WAS ADDED. IN SL ITEM 1310, LIST 21 WAS ADDED. SL ITEM 1330, LIST 31 WAS ADDED. SL 1350 AND 5010 WERE LINED OUT. IN SL ITEM 1370, LIST 52 WAS ADDED. IN SL ITEM 2001, LIST 150B WAS ADDED. IN SL ITEMS 1200, 1250, 1261, 1262, 1280 AND 1281 WERE LINED OUT. IN SL ITEM 1241, LIST 6 WAS ADDED. IN SL ITEM 1301, LIST 7 WAS ADDED. MISCELLANEOUS TABLE: TABLE D9 WAS ADDED.
ORIG ISS: 09/18/90 CHANGE CLASS: B
DRAFT: RAR ENGR: RAR SUPV: RMB CERTIFIED: 03/12/99 ISSUE: 22
(C94522) TABLE A: CHANGED DESCRIPTION IN LISTS 41 AND 52. STOCKLIST: IN ITEM 1350, ADD CLEI CODE WAS E5PQA00A, MAKING E5PQ14WA THE 'FE'.
(H8458) TABLE A: LIST 41, DESCRIPTION WAS CHANGED.
ORIG ISS: 09/18/90 CHANGE CLASS: AC
DRAFT: RAR ENGR: RAR SUPV: RMB CERTIFIED: 08/06/99 ISSUE: 23
NEW CLEI CODE ADDED TO STOCKLIST ITEMS 1300, 1301, 2410 AND 5030. (C04512)
ORIG ISS: 09/18/90 CHANGE CLASS: AC
DRAFT: DSL ENGR: DSL SUPV: DML CERTIFIED: 07/27/00 ISSUE: 24
ADDED CLEI TO STOCKLIST ITEMS 1370 AND 5080. (C04510)
ORIG ISS: 09/18/90 CHANGE CLASS: AC
DRAFT: DSL ENGR: DSL SUPV: DML CERTIFIED: 08/14/00 ISSUE: 25

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5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MODULAR METALLIC SERVICE UNIT-EXPORT
MODEL 1 (MMSU-E1)

BT13

DWG SIZE C2 ISSUE 27

| 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 |
| ASSEMBLY, WIRING AND EQUIPMENT FOR ONE MODULAR METALLIC SERVICE UNIT-E1, WITH SLIM FACILITIES, FOR SWITCHING MODULES EQUIPPED WITH 12 OR LESS LINE UNITS. DA EFF:01/01/92 FE:J5D003FD-1,L2 | | DA | 1 | | | | | | | | |
| ASSEMBLY, WIRING AND EQUIPMENT FOR ONE MODULAR METALLIC SERVICE UNIT-E1, WITH SLIM FACILITIES, FOR SWITCHING MODULES EQUIPPED WITH 12 OR LESS LINE UNITS. DA EFF:01/01/92 FE:J5D003FD-1,L3 | | DA | 2 | | | | | | | | |
| ASSEMBLY, WIRING AND EQUIPMENT FOR ONE MMSU-E1 UNIT, WITH SLIM FACILITIES. DA EFF:01/01/92 FE:J5D003FD-1,L4 | | DA | 3 | | | | | | | | |
| ASSEMBLY, WIRING AND EQUIPMENT FOR ONE MMSU-E1 UNIT, WITH SLIM FACILITIES FOR USE IN A HOST OR REMOTE SWITCHING MODULE (RSM) APPLICATION. TWO SERVICE GROUPS MUST BE EQUIPPED. DA EFF:04/15/97 FE:J5D003BD-1,L1 | 53 67 71 | DA | 4 | | | | | | | | |
| ASSEMBLY, WIRING AND EQUIPMENT FOR ONE MMSU-E1 UNIT, WITH SLIM FACILITIES AND WITH FUSES FOR THE J5D003FJ FUSE/FILTER UNIT. FOR USE IN A HOST OR REMOTE SWITCHING MODULE (RSM) APPLICATION. TWO SERVICE GROUPS MUST BE EQUIPPED. DA EFF:04/15/97 FE:J5D003BD-1,L1 | 53 58 67 71 | DA | 4A | SD5D522-01 | 1 2 24 | | | | | | |
| ASSEMBLY, WIRING AND EQUIPMENT FOR ONE RMMSU-E1 UNIT FOR USE IN REMOTE UNITS BASE (RUB) OR REMOTE UNITS GROWTH (RUG) APPLICATIONS. ONLY A SINGLE SERVICE GROUP MAY BE EQUIPPED. EITHER SLIM OR ALIT FACILITIES MAY BE USED. THE POWER PACK (494LA), COMMON PACK (TN879B) AND FUSES FOR THE J5D003FM FUSE/FILTER UNIT ARE INCLUDED. DA EFF:04/15/97 FE/RA:NONE | 53 66 67 71 | DA | 5 | SD5D522-01 | 1 2 3 | | | | | | |
| ASSEMBLY, WIRING AND EQUIPMENT FOR ONE RMMSU-E1 UNIT FOR USE IN REMOTE UNITS BASE (RUB) OR REMOTE UNITS GROWTH (RUG) APPLICATIONS. ONLY A SINGLE SERVICE GROUP MAY BE EQUIPPED. EITHER SLIM OR ALIT FACILITIES MAY BE USED. THE POWER PACK (494LA), COMMON PACK (TN879B) AND FUSES FOR THE J5D003FJ FUSE/FILTER UNIT ARE INCLUDED. REPL:NONE DA EFF:03/12/99 FE:J5D003FD-1,L510 | 53 58 66 67 71 500 | DA | 5A | SD5D522-01 | 1 2 3 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 510 TO PROVIDE 494LA POWER PACK. (FORMERLY PART OF LIST 5A) REPL:NONE | | | 6 | | | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 510 TO PROVIDE TN879B COMMON PACK. (FORMERLY PART OF LIST 5A) REPL:NONE | | | 7 | | | | | | | | |
| APPARATUS ALWAYS REQUIRED IN ADDITION TO LIST 1,2,3 OR 4 TO PROVIDE COMMON PACK, TN879. DA EFF:04/15/97 FE:J5D003FD-1,L11 | | DA | 10 | | | | | | | | |

TABLE-A CONTINUED

J5D003FD-1

| ENGINEERING NOTES |
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| ***** CONTINUED ***** |
| GROUPS. |
| 173. ON ALL ORDERS, A HORIZONTAL EQL MUST BE SPECIFIED FOR EACH J LIST WHICH PROVIDES A CIRCUIT PACK EQUIPPED IN A MULTI-PURPOSE CIRCUIT PACK POSITION AND FOR EACH ASSOCIATED D() LIST. |
| 174. VERTICAL EQL AND UNIT NUMBER MUST BE SPECIFIED WHEN ORDERING NON-X OR CABINET MOUNTED UNITS. THIS INFORMATION IS INCLUDED ON THE DESIGNATION STRIP LABELS. |
| 175. EACH DESIGNATION STRIP LABEL HAS TWO COMPONENTS; STAMPING INFORMATION AND LABEL MATERIAL. TABLE D9 PROVIDES REFERENCES TO APPROPRIATE STAMPING INFORMATION ONLY. DESIGNATION STRIP MATERIAL IS PROVIDED IN THE FINAL ASSEMBLY KIT FOR EACH UNIT. |
| 176. 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. |
| 499. REPLACEMENT APPARATUS BLANKS CAN BE ORDERED FROM ED5D868-30, 5ESS SWITCH COMMON USE HARDWARE AND MATERIAL. |
| CLI (CHANGE LEVEL INDICATOR) CODES FOR THIS UNIT ARE SHOWN IN TABLE AB. SEE TGS, 5ESS* TRANSLATIONS GUIDE FOR A DESCRIPTION OF CLI BIT TABLES. IF CIRCUIT PACKS ARE NOT SHOWN IN TABLE AB, THEIR CLI VALUE IS ZERO. * (REGISTERED TRADEMARK). |
| FOR FUSE ASSIGNMENT SEE ED5D0693-10. |
| WHEN 'ALIT' CAPABILITY IS REQUIRED FOR A HOST OR REMOTE SWITCH MODULE (RSM) APPLICATION, J5D003BD-1 UNIT SHOULD BE ORDERED IN PLACE OF THIS UNIT. HOWEVER, LISTS ARE AVAILABLE IN THIS DRAWING FOR "ALIT" CAPABILITY WHEN THIS UNIT IS USED IN A REMOTE UNITS BASE (RUB) OR REMOTE UNITS GROWTH (RUG) APPLICATION AND ONLY ONE SERVICE GROUP IS USED. FOR RUB/RUG APPLICATIONS, ALIT CIRCUIT PACKS ARE USED IN EQLS 034 THRU 058 ONLY. |
| WHEN THE ISLU (J5D004AK-1) OR ISLU2 (J5D004AL-1) IS EQUIPPED IN OFFICES WITHOUT LINE UNITS, THEN LIST 51 OR 545 (GDX PACK, TN880) IS NOT REQUIRED. A MAXIMUM OF 4 GDX COMPENSATOR PACKS, CAN BE FURNISHED, WHEN ALIT PACKS ARE PROVIDED. A MAXIMUM OF 8 GDX COMPENSATOR PACKS, CAN BE FURNISHED, WHEN ALIT PACKS ARE NOT PROVIDED. |
| WHEN J5D003FJ-1 FUSE/FILTER UNIT IS TO BE USED, USE LIST 4A OR LIST 5A OR LIST 510. |
| THE FOLLOWING RULES APPLY FOR THIS UNIT : |
| 1) GROWTH MMSU-E1 UNITS ARE NEVER ALLOWED, ORDER APPROPRIATE LIST OF J5D003BD-1. |
| 2) BASIC MMSU-E1 HAS BEEN DA'D. FOR NEW ORDERS ORDER APPROPRIATE LIST OF J5D003BD-1. CURRENT CIRCUIT PACKS CAN ONLY BE ORDERED FOR FIELD GROWTH. |
| 3) RMMSU-E1 UNITS ARE AVAILABLE FOR NEW & GROWTH ORDERS. |
| LISTS 201, 202, 203, 204A, 205, 206 OR 207 ARE INTENDED FOR USE IN A REMOTE UNIT OUTDOOR CABINET (RUO) ONLY. MORE SPECIFIC ORDERING INFORMATION IS CONTAINED IN APPLICATION SCHEMATIC, SD5D544-01. WHEN CIRCUIT PACK LISTS ARE ORDERED FOR RUO APPLICATIONS, THE CP'S SHALL BE SHIPPED LOOSE. ALL CIRCUIT PACKS FOR RUO APPLICATIONS HAVE FIXED EQLS. |
| A) POWER CABLING SHALL BE ORDERED FROM ED5D693-10. B) FUSE ASSIGNMENTS ARE MADE PER ED5D693-10. C) PICB AND PIDB CABLING, SEE ED5D734-10. D) MTB CABLES ARE ORDERED FROM ED5D651-26. |
| 500. THIS LIST MAY BE SPECIFIED AS A MAIN OR SUPPLEMENTAL ITEM. |

| ENGINEERING NOTES |
|--|
| ***** CONTINUED ***** |
| 2) BASIC MMSU-E1 HAS BEEN DA'D. FOR NEW ORDERS ORDER APPROPRIATE LIST OF J5D003BD-1. CURRENT CIRCUIT PACKS CAN ONLY BE ORDERED FOR FIELD GROWTH. |
| 3) RMMSU-E1 UNITS ARE AVAILABLE FOR NEW & GROWTH ORDERS.\$ |
| 68. \$THIS LIST IS INTENDED FOR USE IN A REMOTE UNIT OUTDOOR CABINET (RUO) ONLY. MORE SPECIFIC ORDERING INFORMATION IS CONTAINED IN APPLICATION SCHEMATIC, SD5D544-01. WHEN CIRCUIT PACK LISTS ARE ORDERED FOR RUO APPLICATIONS, THE CP'S SHALL BE SHIPPED LOOSE. ALL CIRCUIT PACKS FOR RUO APPLICATIONS HAVE FIXED EQLS.\$ |
| 69. EACH MTB CIRCUIT PACK REQUIRES ONE CONNECTOR ASSEMBLY. |
| 70. FOR REMOTE OUTDOOR UNITS CABINET (RUO) APPLICATIONS ONE STRAPPING CONNECTOR IS REQUIRED. |
| 71. LISTS 4, 4A, 5, 5A, 510 & 200, 515 ARE MUTUALLY EXCLUSIVE. LISTS 11 & 202 ARE MUTUALLY EXCLUSIVE. LISTS 20, 21 & 203 ARE MUTUALLY EXCLUSIVE. LISTS 150A, 150B & 204A ARE MUTUALLY EXCLUSIVE. LISTS A & 205 ARE MUTUALLY EXCLUSIVE. LISTS B & 206 ARE MUTUALLY EXCLUSIVE. LISTS F & 207 ARE MUTUALLY EXCLUSIVE. |
| 72. \$A) POWER CABLING SHALL BE ORDERED FROM ED5D693-10. ----- B) FUSE ASSIGNMENTS ARE MADE PER ED5D693-10. ---- C) PICB AND PIDB CABLING, SEE ED5D734-10. ----- D) MTB CABLES ARE ORDERED FROM ED5D651-26. ---\$ |
| 73. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS AND/OR CHARACTERS INDICATES HORIZONTALLY LINED OUT INFORMATION. |
| 151. \$THIS LIST IS NOT GENERALLY AVAILABLE, BUT IS INTENDED TO SUPPORT FACTORY OFFLOADS FROM NETWORK SYSTEMS INTERNATIONAL. (NSI)\$ |
| 159. WHEN THIS FEATURE IS REQUIRED, USE THE FOLLOWING RULE : FOR RSM/HOST APPLICATIONS USE 2 STRAPPING CONNECTORS PER LIST 602 (SG0 & SG1), AND FOR RUB/RUG OR RUO APPLICATIONS USE 1 STRAPPING CONNECTOR PER LIST 602. (SG0 ONLY) |
| 160. FOR HOST OR RSM APPLICATIONS, WHEN MTB FUNCTION IS REQUIRED, THE TN138 CIRCUIT PACKS MUST BE EQUIPPED IN THE FOLLOWING EQLS : 114 AND 178. FOR RUB/RUG OR RUO APPLICATION THE ONLY EQL IS 114. |
| 161. \$LIST 575A(SLIM2) MAY COEXIST WITH LISTS 553,555,560,565 & 571 (SLIM)\$ |
| 164. DA'D UNITS HAVE BEEN USED IN NSI-MARKETS ONLY. SEE REPOSITORY DATA BASE FOR CORRESPONDING L2NC. (COMCODE IS FOR REFERENCE ONLY) |
| 166. THIS CIRCUIT PACK IS ALWAYS REQUIRED. (1 X PER SG) |
| 167. THIS CIRCUIT PACK PROVIDES FOR 32 SCAN POINTS. |
| 168. THIS CIRCUIT PACK PROVIDES FOR 32 DISTRIBUTE POINTS. |
| 169. THIS UNIT IS FOR USE IN A REMOTE OUTDOOR UNIT CABINET(RUO) ONLY. |
| 170. \$THE SLIM FEATURE REQUIRES 1 EACH OF THE FOLLOWING CKT PACKS : 1 X LIST 553 (SN617B) 1 X LIST 555 (TN1400) 1 X LIST 560 (SN619) 1 X LIST 565 (SN631) 1 X LIST 571 (SN616B) WHEN SLIM2 IS RTO, THIS CKT PACK (TN1422, LIST 575A) WILL REPLACE ALL OF THE ABOVE LISTS.\$ |
| 172. LOOSE LABELS CAN BE ORDERED THROUGH THE CONTROLLING ED DRAWING DRAWING ONLY. REFERENCE TABLE A, TABLE D9, ENGINEERING AND MANUFACTURING NOTES IN J DRAWINGS TO DETERMINE APPROPRIATE ED ----- CONTINUED TO THE LEFT ----- |

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MODULAR METALLIC SERVICE UNIT-EXPORT
MODEL 1 (MMSU-E1)

DWG SIZE C2 ISSUE 27

LUCENT TECHNOLOGIES INC J5D003FD-1 SHEET A3 OF 18

| TABLE A-FEATURES (CONTINUED) | | | | | | | | | | | | |
|---|------------------------|---------------------------|---------------|-----|----------------------|------------|-----|-----|---------------|-----|-----|--|
| EQUIPMENT | | EQUIPMENT OR CIRCUIT DATA | | | | | | | SD EQUIVALENT | | | |
| DESCRIPTION | REF NOTE | RAT-ING | LIST OR GROUP | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT | |
| APPARATUS ALWAYS REQUIRED IN ADDITION TO LIST 1,2,3,4 OR 4A TO PROVIDE COMMON PACK, TN879B DA EFF:04/15/97 FE/RA:NONE | 71 | DA | 11 | | SD5D522-01 | 3 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 1,2,3,4,4A,5 OR 5A TO PROVIDE TN138 METALLIC ACCESS PACK. MAXIMUM 4 LISTS 20 MAY BE ORDERED. DA EFF:03/12/99 FE:J5D003FD-1,L21 | 54 71 | DA | 20 | | SD5D522-01 | 9 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 510 TO PROVIDE TN138 METALLIC ACCESS PACK. MAXIMUM 4 LISTS 21 MAY BE ORDERED. REPL:J5D003FD-1,L20 | 54 71 173 500 | | 21 | | SD5D522-01 | 9 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 1,2,3,4,4A,5 OR 5A TO PROVIDE TN220B SCAN PACK FOR 32 POINTS. 6 LIST 30 MAY BE ORDERED. DA EFF:03/12/99 FE:J5D003FD-1,L31 | 59 | DA | 30 | | SD5D522-01 | 10 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 510 PROVIDE TN220B SCAN PACK FOR 32 POINTS. 6 LIST 31 MAY BE ORDERED. REPL:J5D003FD-1,L30 | 59 173 500 | | 31 | | SD5D522-01 | 10 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 1,2,3,4,4A,5 OR 5A TO PROVIDE TN221 SIGNAL DISTRIBUTION PACK FOR 32 POINTS. MAXIMUM 6 LISTS 40 MAY BE ORDERED. DA EFF:03/12/99 FE:J5D003FD-1,L41 | 59 | DA | 40 | | SD5D522-01 | 11 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 510 TO PROVIDE TN221 SIGNAL DISTRIBUTION TO PACK FOR 32 POINTS. MAXIMUM 6 LISTS 41 MAY BE ORDERED. REPL:J5D003FD-1 L40 | 59 173 500 | | 41 | | SD5D522-01 | 11 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 1,2,3,4 OR 4A TO PROVIDE TN880 GDX COMPENSATOR PACK. DA EFF:03/12/99 FE:J5D003FD-1,L52 | 57 | DA | 51 | | SD5D522-01 | 12 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 510 TO PROVIDE TN880 GDX COMPENSATOR PACK. REPL:J5D003FD-1 L51 | 173 499 500 | | 52 | | SD5D522-01 | 12 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 1,2,3,4 OR 4A TO PROVIDE 2 METALLIC ACCESS PACKS FOR METALLIC TEST INTERCONNECT BUS (MTIB) FUNCTION. DA EFF:03/12/99 REPL:NONE | | DA | 60 | | SD5D522-01 | 9 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LISTS 1,2,3 OR 4 TO PROVIDE SN617 MPC MICROPROCESSOR CONTROL PACK (SLIM). DA EFF:04/01/93 FE:J5D003FD-1,L130 | | DA | 82 | | | | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 1,2,3,4,4A,5 OR 5A TO PROVIDE TN1400 PCI PERIPH. CHANNEL INTERF PACK (SLIM). DA EFF:06/01/95 FE:J5D003FD-1,L150 | | DA | 93 | | SD5D522-01 | 7 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 1,2,3,4,4A,5 OR 5A TO PROVIDE SN619 MLC MEASURING AND LINE CONF. PACK (SLIM). DA EFF:06/01/95 FE:J5D003FD-1,L150 | | DA | 102 | | SD5D522-01 | 6 | | | | | | |

TABLE-A CONTINUED

J5D003FD-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 | |
| APPARATUS REQUIRED IN ADDITION TO LIST 1,2,3,4,4A,5 OR 5A TO PROVIDE SN631 SBK SIGNALING BRIDGE AND KEYTONE PACK (SLIM). DA EFF:06/01/95 FE:J5D003FD-1,L150 | | DA | 113 | | SD5D522-01 | 5 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 1,2,3 OR 4 TO PROVIDE SN616 PMS POWER AND MISC SERVICES (SLIM). DA EFF:04/01/93 FE:J5D003FD-1,L122A | | DA | 122 | | | | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 1,2,3,4,4A,5 OR 5A TO PROVIDE SN616B POWER MISCELLANEOUS SERVICES (PMS) CIRCUIT PACK. THIS PACK MEETS CEPT REQUIREMENTS (SLIM). REPL:J5D003FD-1,L122 DA EFF:06/01/95 FE:J5D003FD-1,L150 | | DA | 122A | | SD5D522-01 | 4 | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 1,2,3 OR 4 TO PROVIDE MC5X255A1 (SN617B) MICROPROCESSOR CONTROL (MPC) CIRCUIT PACK (SLIM). DA EFF:04/01/93 FE:J5D003FD-1,L131 | | DA | 130 | | | | | | | | | |
| APPARATUS REQUIRED IN ADDITION TO LIST 1,2,3 OR 4 TO PROVIDE MC5X255A2 (SN617B) MICROPROCESSOR CONTROL (MPC) CIRCUIT PACK. PROVIDES AUTOMATIC SLIM COMPENSATION FOR DC TESTPAIR ON RISLU (FEATURE H715). SEE 4.2 ONLY. DA EFF:04/01/93 FE:J5D003FD-1,L131A | | DA | 131 | | | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 1,2,3,4,4A,5 OR 5A TO PROVIDE MC5X255A3B (SN617B) MICROPROCESSOR CONTROL (MPC) CIRCUIT PACK. PROVIDES AUTOMATIC SLIM COMPENSATION FOR DC TESTPAIR ON RISLU (FEATURE H715) AND ISDN BRA METALLIC TESTING (FEATURE H498). DA EFF:06/01/95 FE:J5D003FD-1,L150 | | DA | 131A | | SD5D522-01 | 8 | | | | | | |
| RESERVED. | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 5,5A TO PROVIDE ONE MC5X268A1 ALIT CIRCUIT PACK, FOR HIGH HUMIDITY REGIONS IN AN INTERNATIONAL MARKET. REPL:NONE DA EFF:10/31/96 FE/RA:NONE | 53 60 | DA | 140 | | SD5D522-01 | 14 | | | | | | |

TABLE-A CONTINUED

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5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MODULAR METALLIC SERVICE UNIT-EXPORT
MODEL 1 (MMSU-E1)

DWG SIZE C2 ISSUE 27

LUCENT TECHNOLOGIES INC J5D003FD-1

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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 |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 5,5A TO PROVIDE ONE MCSX269A1 ALIT CIRCUIT PACK, FOR HIGH HUMIDITY REGIONS IN AN INTERNATIONAL MARKET. REPL:NONE DA EFF:10/31/96 FE/RA:NONE | 53 61 | DA | 141 | | SD5D522-01 | 17 | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 5,5A TO PROVIDE ONE MCSX270A1 ALIT CIRCUIT PACK, FOR MEDIUM HUMIDITY REGIONS IN AN INTERNATIONAL MARKET. DA EFF:10/31/96 REPL:NONE | 53 60 | DA | 142 | | SD5D522-01 | 15 | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 5,5A TO PROVIDE ONE MCSX271A1 ALIT CIRCUIT PACK, FOR MEDIUM HUMIDITY REGIONS IN AN INTERNATIONAL MARKET. REPL:NONE DA EFF:10/31/96 FE/RA:NONE | 53 61 | DA | 143 | | SD5D522-01 | 18 | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 5,5A TO PROVIDE ONE MCSX272A1 ALIT CIRCUIT PACK, FOR LOW HUMIDITY REGIONS IN AN INTERNATIONAL MARKET. REPL:NONE DA EFF:10/31/96 FE/RA:NONE | 53 60 | DA | 144 | | SD5D522-01 | 16 | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 5,5A TO PROVIDE ONE MCSX273A1 ALIT CIRCUIT PACK, FOR LOW HUMIDITY REGIONS IN AN INTERNATIONAL MARKET. REPL:NONE DA EFF:10/31/96 FE/RA:NONE | 53 61 | DA | 145 | | SD5D522-01 | 19 | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 5,5A TO PROVIDE ONE MCSX282A1 ALIT CIRCUIT PACK, FOR VERY HIGH HUMIDITY REGIONS IN AN INTERNATIONAL MARKET. REPL:NONE DA EFF:10/31/96 FE/RA:NONE | 53 61 | DA | 146 | | SD5D522-01 | 20 | | | | | |
| APPARATUS ALWAYS REQUIRED IN ADDITION TO LIST 1,2,3,4,4A,5 OR 5A TO PROVIDE ONE TN1422 SUBSCRIBER LINE AND INSTRUMENT MEASUREMENT VERSION 2 (SLIM2) CIRCUIT PACK.(=>5EE5.2 OR LATER) DA EFF:04/01/97 FE:J5D003FD-1,L150A | 59 62 63 71 | DA | 150 | | SD5D522-01 | 13 | | | | | |
| APPARATUS ALWAYS REQUIRED IN ADDITION TO LIST 1,2,3,4,4A,5 OR 5A TO PROVIDE ONE TN1422 SUBSCRIBER LINE AND INSTRUMENT MEASUREMENT VERSION 2 (SLIM2) CIRCUIT PACK.(=>5EE5.2 OR LATER) REPL:J5D003FD-1 L150 DA EFF:03/12/99 FE:J5D003FD-1,L150B | 59 62 63 71 | DA | 150A | | | | | | | | |
| APPARATUS ALWAYS REQUIRED IN ADDITION TO LIST 510 TO PROVIDE TN1422 SUBSCRIBER LINE AND INSTRUMENT MEASUREMENT VERSION 2 (SLIM2) CIRCUIT PACK. (=>5EE5.2 OR LATER) REPL:J5D003FD-1,L150A | 59 62 63 71 173 500 | | 150B | | | | | | | | |
| EQUIPMENT FOR A RMMSU-E1 UNIT. FOR RUO APPLICATION ONLY. REPL:NONE DA EFF:03/12/99 FE:J5D003FD-1,L515 | 66 68 71 | DA | 200 | | SD5D522-01 | 1 | | | | | |
| APPARATUS FOR POWER SUPPLY CKT PACK. (494LA) FOR RUO APPLICATION ONLY. REPL:NONE | 499 500 | | 201 | | SD5D522-01 | 2 | | | | | |

TABLE-A CONTINUED

J5D003FD-1

| 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 FOR COMMON PACK. (TN879B) FOR RUO APPLICATION ONLY. REPL:NONE | 71 499 500 | | 202 | | SD5D522-01 | 3 | | | | | |
| APPARATUS FOR METALLIC ACCESS. (TN138). FOR RUO APPLICATION ONLY. REPL:NONE | 54 71 499 500 | | 203 | | SD5D522-01 | 9 | | | | | |
| APPARATUS FOR SUBSCRIBER LINE AND INSTRUMENT MEASUREMENT VERSION 2 (SLIM2) (TN1422) FOR RUO APPLICATION ONLY. DA EFF:04/01/97 FE:J5D003FD-1,L204A | 59 63 68 71 | DA | 204 | | SD5D522-01 | 13 | | | | | |
| APPARATUS FOR SUBSCRIBER LINE AND INSTRUMENT MEASUREMENT VERSION 2 (SLIM2) (TN1422) FOR RUO APPLICATION ONLY. REPL:J5D003FD-1,L204 | 59 63 71 499 500 | | 204A | | | | | | | | |
| PADDLEBOARD WITH BUS TERMINATING RESISTORS. FOR RUO APPLICATION ONLY. REPL:NONE | 55 71 499 500 | | 205 | | SD5D522-01 | 23 | | | | | |
| PADDLEBOARD. (982LG) FOR RUO APPLICATION ONLY. REPL:NONE | 69 71 499 | | 206 | | | | | | | | |
| CONNECTOR ASSEMBLY. (A.P.R. STRAPPING) FOR RUO APPLICATION ONLY. REPL:NONE | 70 71 499 | | 207 | | | | | | | | |
| EQUIPMENT FOR A MMSU-E1 UNIT WITH SLIM FACILITIES FOR SM'S EQUIPPED WITH =< 12 LU'S. DA EFF:08/29/94 FE:J5D003FD-1,L502 | 67 151 164 | DA | 500 | | | | | | | | |
| EQUIPMENT FOR A MMSU-E1 UNIT WITH SLIM FACILITIES FOR SM'S EQUIPPED WITH =< 12 LU'S. DA EFF:08/29/94 FE:J5D003FD-1,L503 | 67 151 164 | DA | 501 | | | | | | | | |
| EQUIPMENT FOR A MMSU-E1 UNIT WITH SLIM FACILITIES. DA EFF:08/29/94 FE:J5D003FD-1,L503 | 67 151 164 | DA | 502 | | | | | | | | |
| EQUIPMENT FOR A MMSU-E1 UNIT WITH SLIM FACILITIES. FOR SM OR RSM APPLICATIONS. DA EFF:04/15/97 FE:J5D003BD-1,L500 | 53 67 151 | DA | 503 | | SD5D522-01 | 1 24 | | | | | |
| EQUIPMENT FOR A RMMSU-E1 UNIT IN A RUB OR RUG CABINET. REPL:NONE | 58 66 174 499 | | 510 | | SD5D522-01 | 1 | | | | | |
| EQUIPMENT FOR A RMMSU-E1 UNIT. IN A RUO CABINET. REPL:NONE | 66 169 499 | | 515 | | SD5D522-01 | 1 | | | | | |

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MODULAR METALLIC SERVICE UNIT-EXPORT
MODEL 1 (MMSU-E1)

DWG SIZE
C2

ISSUE
27

LUCENT TECHNOLOGIES INC J5D003FD-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 | |
| APPARATUS FOR POWER SUPPLY CKT PACK. (494LA) DA EFF:09/01/97 FE/RA:NONE | 151 166 | DA | 518 | | SD5D522-01 | 2 | | | | | | |
| APPARATUS FOR COMMON PACK. (TN879) DA EFF:08/29/94 FE:J5D003FD-1,L521 | 151 166 | DA | 520 | | | | | | | | | |
| APPARATUS FOR COMMON PACK. (TN879B). REPL:J5D003FD-1,L520 DA EFF:09/01/97 FE/RA:NONE | 151 166 | DA | 521 | | SD5D522-01 | 3 | | | | | | |
| APPARATUS FOR METALLIC ACCESS. (TN138). REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 54 55 69 151 | DA | 525 | | SD5D522-01 | 9 | | | | | | |
| APPARATUS FOR METALLIC TEST INTERCONNECT PACK. (TN138) REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 54 151 160 | DA | 530 | | SD5D522-01 | 9 | | | | | | |
| APPARATUS FOR SCAN PACK. (TN220B) REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 151 167 | DA | 535 | | SD5D522-01 | 10 | | | | | | |
| APPARATUS FOR SIGNAL DISTRIBUTION PACK. (TN221) REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 151 168 | DA | 540 | | SD5D522-01 | 11 | | | | | | |
| APPARATUS FOR GDX COMPENSATOR PACK. (TN880) REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 57 151 | DA | 545 | | SD5D522-01 | 12 | | | | | | |
| APPARATUS FOR MICROPROCESSOR CONTROL PACK. (SLIM) (SN617) DA EFF:08/29/94 FE:J5D003FD-1,L551 | 151 | DA | 550 | | | | | | | | | |
| APPARATUS FOR MICRPROCESSOR CONTROL PACK. (SLIM) (SN617B) DA EFF:08/29/94 FE:J5D003FD-1,L552 | 151 | DA | 551 | | | | | | | | | |
| APPARATUS FOR MICROPROCESSOR CONTROL PACK. (SLIM) (SN617B) DA EFF:08/29/94 FE:J5D003FD-1,L553 | 151 | DA | 552 | | | | | | | | | |
| APPARATUS FOR MICROPROCESSOR CONTROL PACK. (SLIM) (SN617B) DA EFF:06/01/95 FE:J5D003FD-1,L575 | 151 170 | DA | 553 | | SD5D522-01 | 8 | | | | | | |
| APPARATUS FOR PERIPHERAL CHANNEL INTERFACE PACK. (SLIM) (TN1400) DA EFF:06/01/94 FE:J5D003FD-1,L575 | 151 170 | DA | 555 | | SD5D522-01 | 7 | | | | | | |
| APPARATUS FOR MEASURING AND LINE CONTROL PACK. (SLIM) (SN619) DA EFF:06/01/95 FE:J5D003FD-1,L575 | 151 170 | DA | 560 | | SD5D522-01 | 6 | | | | | | |
| APPARATUS FOR SIGNALING BRIDGE AND KEYTONE PACK. (SLIM) (SN631) DA EFF:06/01/95 FE:J5D003FD-1,L575 | 151 170 | DA | 565 | | SD5D522-01 | 5 | | | | | | |
| APPARATUS FOR POWER AND MISC. SERVICES PACK. (SLIM) (SN616) DA EFF:08/29/94 FE:J5D003FD-1,L571 | 151 | DA | 570 | | | | | | | | | |
| APPARATUS FOR POWER AND MISC. SERVICES PACK. (SLIM) (SN616B) DA EFF:06/01/95 FE:J5D003FD-1,L575 | 151 170 | DA | 571 | | SD5D522-01 | 4 | | | | | | |

TABLE-A CONTINUED

J5D003FD-1

| 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 | |
| APPARATUS FOR SUBSCRIBER LINE AND INSTRUMENT MEASUREMENT VERSION 2 (SLIM2) (TN1422) DA EFF:04/01/97 FE:J5D003FD-1,L575A | 63 151 161 | DA | 575 | | SD5D522-01 | 13 | | | | | | |
| APPARATUS FOR SUBSCRIBER LINE AND INSTRUMENT MEASUREMENT VERSION 2 (SLIM2) (TN1422) REPL:J5D003FD-1,L575 DA EFF:09/01/97 FE/RA:NONE | 63 151 161 | DA | 575A | | | | | | | | | |
| APPARATUS FOR ALIT PACK. INT. HIGH HUMIDITY. (TN1538) DA EFF:04/15/97 FE/RA:NONE | 53 60 151 | DA | 580 | | SD5D522-01 | 14 | | | | | | |
| APPARATUS FOR ALIT PACK. INT. HIGH HUMIDITY. (TN1613) DA EFF:04/17/97 FE/RA:NONE | 53 61 151 | DA | 581 | | SD5D522-01 | 17 | | | | | | |
| APPARATUS FOR ALIT PACK. INT. MEDIUM HUMIDITY. (TN1539) DA EFF:04/15/97 FE/RA:NONE | 53 60 151 | DA | 582 | | SD5D522-01 | 15 | | | | | | |
| APPARATUS FOR ALIT PACK. INT. MEDIUM HUMIDITY. (TN1614) DA EFF:04/15/97 FE/RA:NONE | 53 61 151 | DA | 583 | | SD5D522-01 | 18 | | | | | | |
| APPARATUS FOR ALIT PACK. INT. LOW HUMIDITY. (TN1540) DA EFF:04/15/97 FE/RA:NONE | 53 60 151 | DA | 584 | | SD5D522-01 | 16 | | | | | | |
| APPARATUS FOR ALIT PACK. INT. LOW HUMIDITY. (TN1615) DA EFF:04/15/97 FE/RA:NONE | 53 61 151 | DA | 585 | | SD5D522-01 | 19 | | | | | | |
| APPARATUS FOR ALIT PACK. INT. VERY HIGH HUMIDITY. (TN1636) DA EFF:04/15/97 FE/RA:NONE | 53 61 151 | DA | 586 | | SD5D522-01 | 20 | | | | | | |
| PADDLEBOARD WITH BUS TERMINATING RESISTORS. REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 55 151 | DA | 600 | | SD5D522-01 | 23 | | | | | | |
| PADDLEBOARD. (982LG) REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 69 151 | DA | 601 | | SD5D522-01 | 21 | | | | | | |
| CONNECTOR ASSEMBLY. (A.P.R. STRAPPING) REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 151 159 | DA | 602 | | SD5D522-01 | 22 | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 20 OR 21, TO PROVIDE BUS TERMINATING RESISTORS FOR EACH UNUSED MTB PORT. MAXIMUM 15 LIST A'S PER LIST 20 OR 21. | 55 71 | | | A | | | | | | | | |

TABLE-A CONTINUED

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MODULAR METALLIC SERVICE UNIT-EXPORT
MODEL 1 (MMSU-E1)

DWG SIZE C2
ISSUE 27

LUCENT TECHNOLOGIES INC J5D003FD-1

SHEET A6
OF 18

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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 | |
| EQUIPMENT ALWAYS REQUIRED IN ADDITION TO LIST 20 OR 21. MAXIMUM LIST LISTS B MAY BE ORDERED. | 71 | | B | | SD5D522-01 | 21 | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LISTS 1,2,3,4,4A WHEN SHELF IS PROVIDED AS GROWTH SHELF, PROVIDES MISCELLANEOUS CABLE. 1 LIST PER GROWTH SHELF IS REQUIRED. DA EFF:04/15/97 FE/RA:NONE | | DA | C | | | | | | | | | |
| EQUIPMENT ALWAYS REQ'D IN ADDITION TO LIST 1 AND LIST 3. DA EFF:02/28/92 FE/RA:NONE | | DA | D | 1 | | | | | | | | |
| EQUIPMENT ALWAYS REQ'D IN ADDITION TO LIST 4. DA EFF:04/15/97 FE/RA:NONE | 56 | DA | E | 1 | | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 1,2,3,4,4A,5,5A, OR 510 TO PROVIDE STRAPPING CONNECTOR FOR AUTO RESTART FEATURE IN HOST OR REMOTE APPLICATIONS. (=5EE5.2) | 71 | | F | | SD5D522-01 | 22 | | | | | | |
| APPARATUS BLANK 158C. REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 151 | DA | B1 | | | | | | | | | |
| APPARATUS BLANK 158A. REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 151 | DA | B2 | | | | | | | | | |
| APPARATUS BLANK 150A. REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 151 | DA | B3 | | | | | | | | | |
| FINAL ASSEMBLY KIT TO MOUNT MMSU-E1 IN AN AT&T-NS CABINET E/W A CLASSIC FUSE/FILTER UNIT. REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 151 | DA | F1 | | | | | | | | | |
| FINAL ASSEMBLY KIT TO MOUNT MMSU-E1 IN AN AT&T-NS CABINET E/W MODULAR FUSE FILTER UNIT. REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 151 | DA | F2 | | | | | | | | | |
| FINAL ASSEMBLY KIT TO MOUNT MMSU-E1 IN AN AT&T-NSI CABINET E/W A CLASSIC FUSE/FILTER UNIT. REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 151 | DA | F3 | | | | | | | | | |
| FINAL ASSEMBLY KIT TO MOUNT MMSU-E1 IN AN AT&T-NSI CABINET E/W MODULAR FUSE FILTER UNIT. REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 151 | DA | F4 | | | | | | | | | |
| FINAL ASSEMBLY KIT TO MOUNT MMSU-E1 IN AN AT&T GLOBAL CABINET E/W MODULAR FUSE FILTER UNIT. REPL:NONE DA EFF:09/01/97 FE/RA:NONE | 151 | DA | F5 | | | | | | | | | |
| FINAL ASSEMBLY KIT TO MOUNT RMMSU-E1 IN A NS CABINET E/W CLASSIC FUSE/FILTER UNIT. REPL:NONE | 500 | | F6 | | | | | | | | | |
| FINAL ASSEMBLY KIT TO MOUNT RMMSU-E1 IN A NS CABINET E/W MODULAR FUSE FILTER UNIT. REPL:NONE | 500 | | F7 | | | | | | | | | |

TABLE-A CONTINUED

J5D003FD-1

| 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 | |
| FINAL ASSEMBLY KIT TO MOUNT RMMSU-E1 IN A NSI CABINET E/W CLASSIC FUSE/FILTER UNIT. REPL:NONE | 500 | | F8 | | | | | | | | | |
| FINAL ASSEMBLY KIT TO MOUNT RMMSU-E1 IN A NSI CABINET E/W A MODULAR FUSE FILTER UNIT. REPL:NONE | 500 | | F9 | | | | | | | | | |
| FINAL ASSEMBLY KIT TO MOUNT RMMSU-E1 IN A GLOBAL CABINET E/W A MODULAR FUSE FILTER UNIT. REPL:NONE | 500 | | F10 | | | | | | | | | |
| FINAL ASSEMBLY KIT TO MOUNT RMMSU-E1 IN A REMOTE OUTDOOR UNITS CABINET. (RUO) REPL:NONE | 500 | | F11 | | | | | | | | | |
| EQUIPMENT FOR ONE APPARATUS BLANK KIT. REPL:NONE | 499 | | F12 | | | | | | | | | |
| UNIT GUIDE KIT TO MOUNT (R)MMSU-E1 IN A NS CABINET REPL:NONE | 500 | | G1 | | | | | | | | | |
| UNIT GUIDE KIT TO MOUNT (R)MMSU-E1 IN A GLOBAL CABINET. REPL:NONE | 500 | | G2 | | | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 1 THRU 4 TO PROVIDE FUSE LABELS FOR USE WITH J5D003AU, J5D003BT OR J5D003FM FUSE/FILTER UNITS. (PREVIOUSLY PART OF LIST 4) DA EFF:04/15/97 FE/RA:NONE | | DA | L1 | | | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 5 TO PROVIDE FUSE LABELS FOR USE WITH J5D003AU, J5D003BT OR J5D003FM FUSE/FILTER UNITS. (PREVIOUSLY PART OF LIST 5) THIS LIST IS NOT REQUIRED WHEN THE UNIT IS MOUNTED IN A J5D003R-1(RUB) CABINET. DA EFF:04/15/97 FE/RA:NONE | | DA | L2 | | | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 4A TO PROVIDE FUSE LABELS FOR USE WITH J5D003FJ MFFU IN A CLASSIC CABINET. (PREVIOUSLY PART OF LIST 4A) DA EFF:04/15/97 FE/RA:NONE | | DA | L3 | | | | | | | | | |

TABLE-A CONTINUED

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5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MODULAR METALLIC SERVICE UNIT-EXPORT
MODEL 1 (MMSU-E1)

DWG SIZE C2 ISSUE 27

LUCENT TECHNOLOGIES INC J5D003FD-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 |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 5A TO PROVIDE FUSE LABELS FOR USE WITH J5D003FJ MPFU IN A CLASSIC CABINET. (PREVIOUSLY PART OF LIST 5A) THIS LIST IS NOT REQUIRED WHEN THE UNIT IS MOUNTED IN A J5D003R-1(RUB) CABINET. DA EFF:04/15/97 FE/RA:NONE | | DA | L4 | | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 4A TO PROVIDE FUSE LABELS FOR USE WITH J5D003FJ MPFU IN A 5ESS-2000 CABINET. DA EFF:04/15/97 FE/RA:NONE | | DA | L5 | | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 5A TO PROVIDE FUSE LABELS FOR USE WITH J5D003FJ MPFU IN A 5ESS-2000 CABINET. THIS LIST IS NOT REQUIRED WHEN THE UNIT IS MOUNTED IN A J5D003R-1 (RUB) CABINET. | 500 | | L6 | | | | | | | | |
| WIRING ALWAYS REQ'D IN ADDITION TO LIST 3 OR 4. DA EFF:02/28/92 FE/RA:NONE | 56 | DA | WA | 1 | | | | | | | |
| END OF TABLE-A | | | | | | | | | | | |

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5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MODULAR METALLIC SERVICE UNIT-EXPORT
MODEL 1 (MMSU-E1)

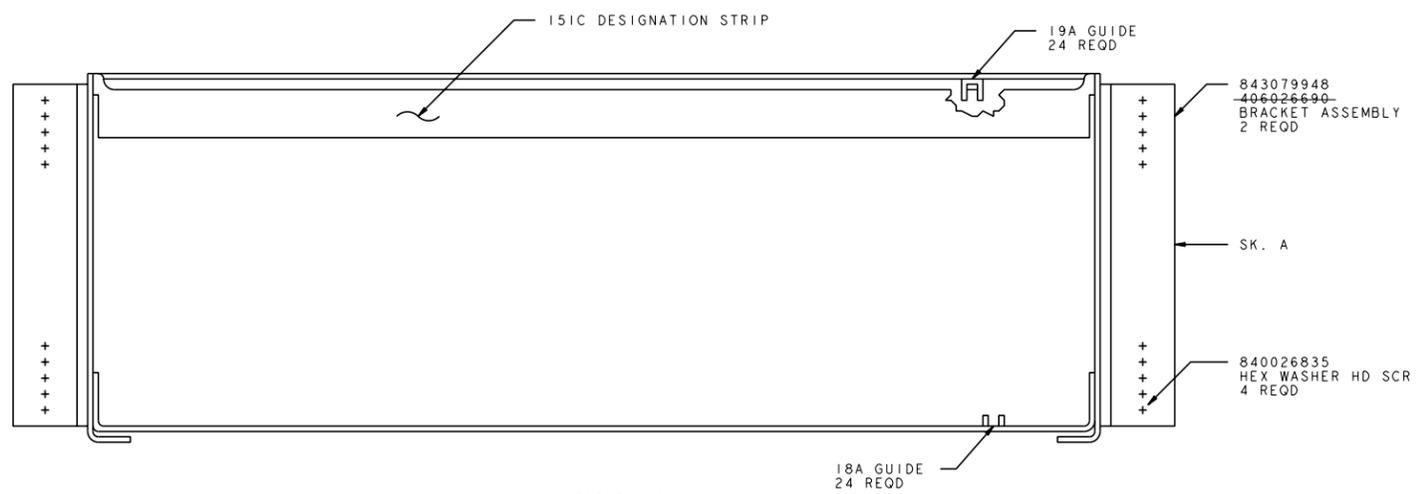
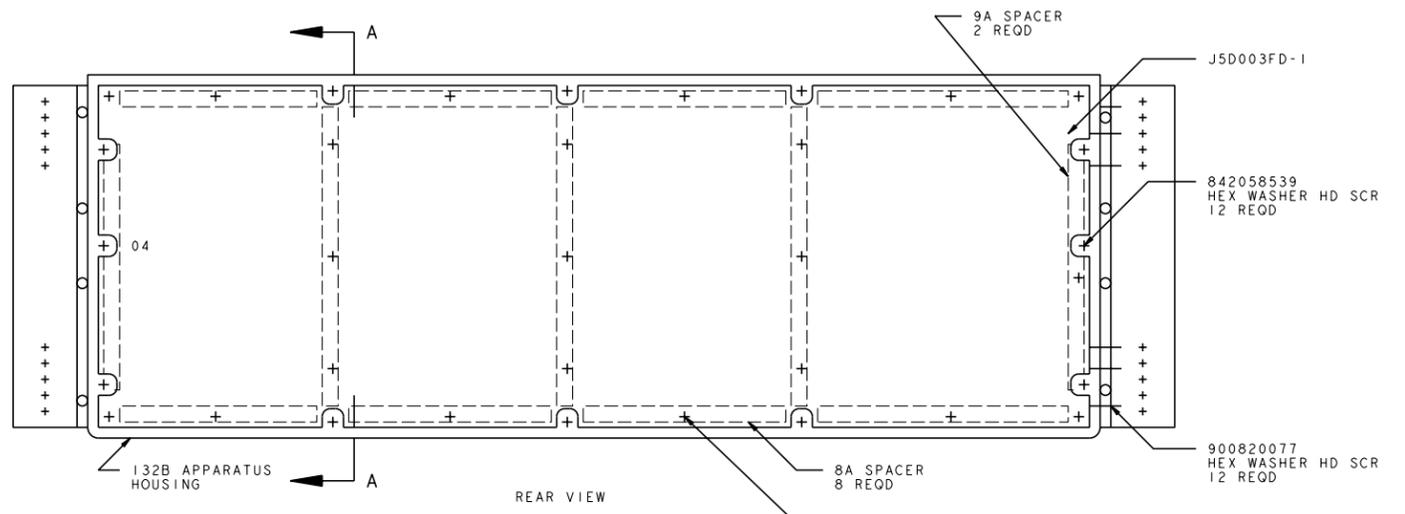
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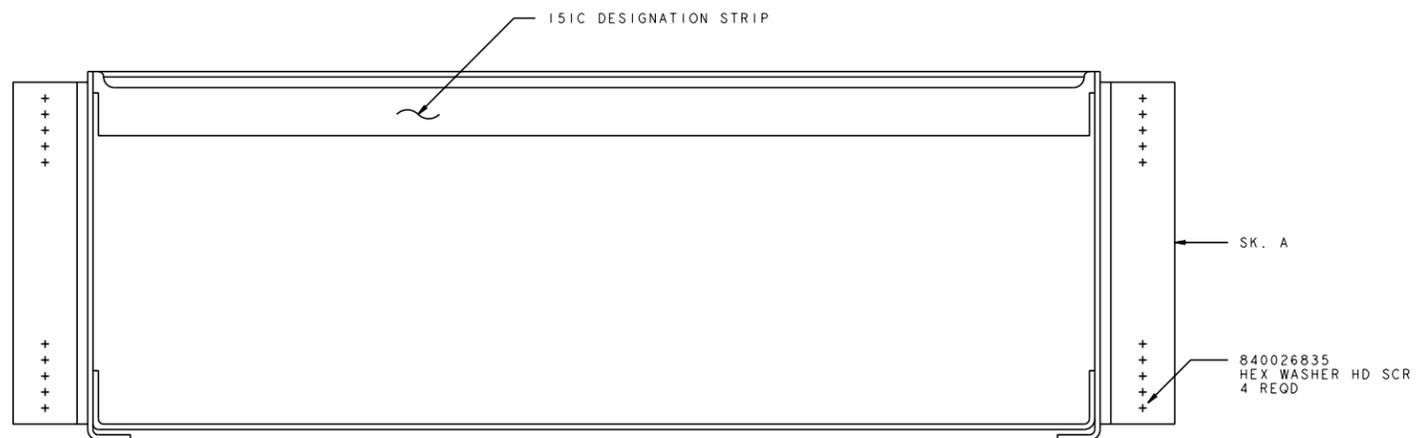
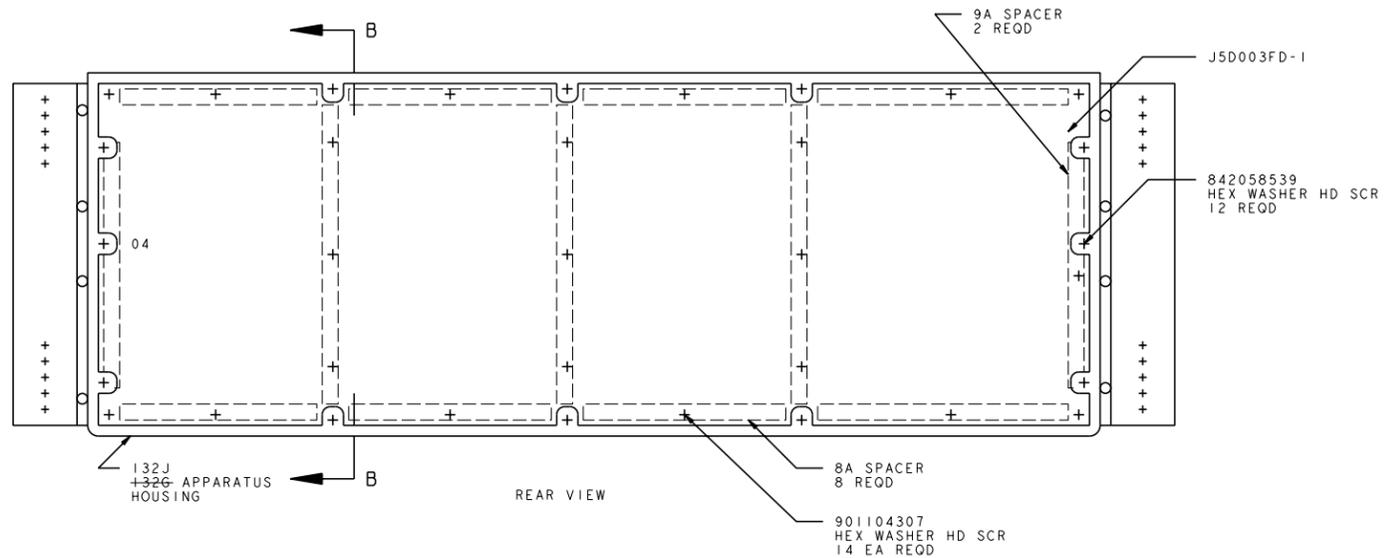


FRONT VIEW
FIG. 1
LIST 1,3 (D.A.)

| | | | | | |
|------------------|---------------|--|-------|---------------------|----------|
| TITLE | | MMSU-E1 | | Lucent Technologies | |
| THIRD ANGLE PJTN | | LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS ALL RIGHTS RESERVED | | | |
| SCALE | DRAWING SCALE | J5D003FD-1 | SHEET | ISSUE | DWG SIZE |
| | | | BI | 18 | AIR |

MODEL NAME

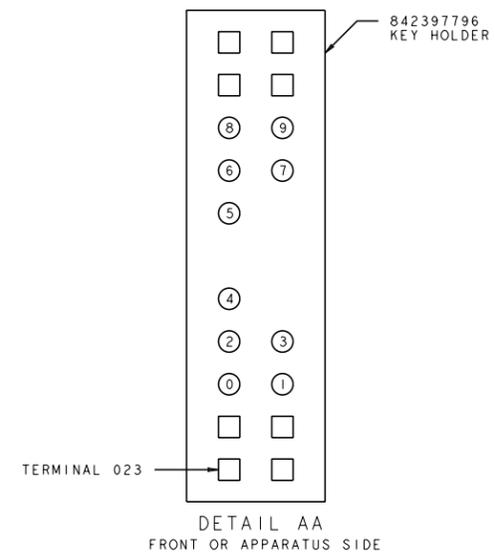
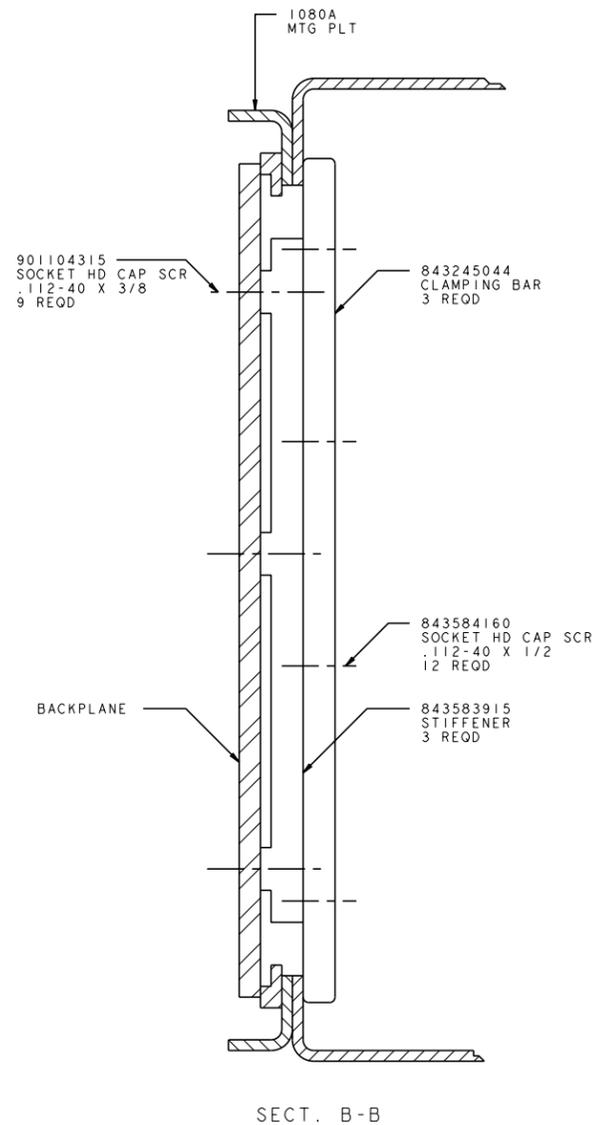
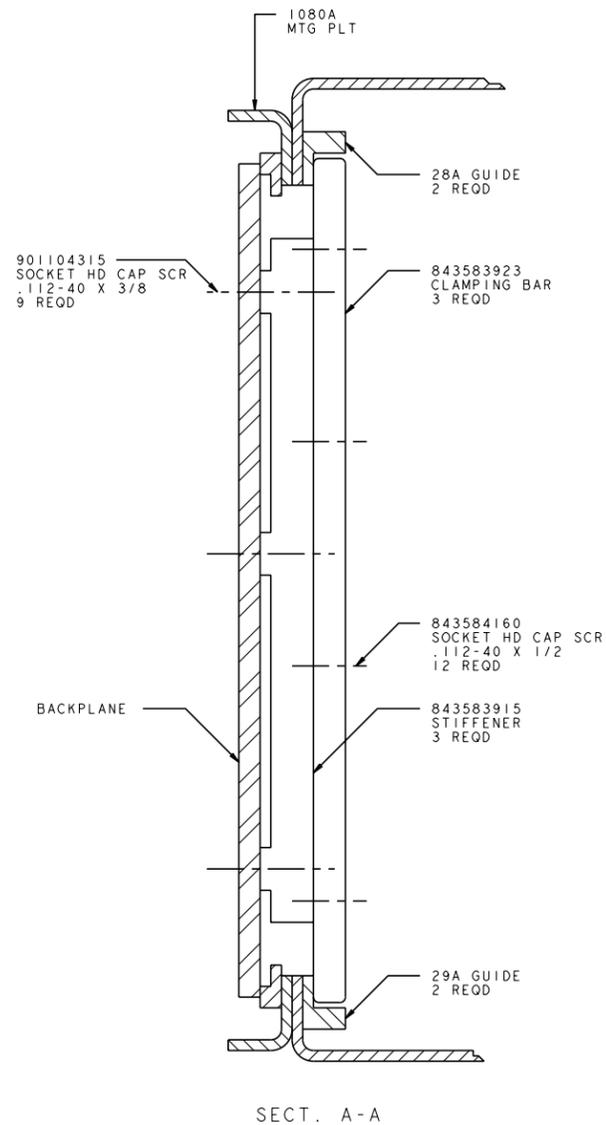
PROJ E AIR SHEET 1.150.FRM AUG 96



FRONT VIEW
FIG. 2
LIST 2, 4, 4A, 5, 5A
LIST 2, 4, 4A & 5 (D.A.)

| | | | | | |
|------------------|---------------|--|-------|---------------------|--|
| TITLE | | MMSU-E1 | | Lucent Technologies | |
| THIRD ANGLE PJTN | | LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS ALL RIGHTS RESERVED | | | |
| SCALE | DRAWING SCALE | SHEET | ISSUE | DWG SIZE | |
| | J5D003FD-1 | B2 | 18 | AIR | |

MODEL NAME



KEYS 843436171 ARE INSERTED FROM REAR. LOOKING AT DETAIL AA, PER KEY CODE NUMBERING SCHEME FOR DETERMINING LOCATION OF KEYS IS INDICATED IN DETAIL ABOVE. E.G. KEY CODE B-14579 WILL HAVE KEYS INSERTED IN LOCATIONS 1, 4, 5, 7 & 9. ASSEMBLED KEY CODE SHALL BE INSTALLED ON CIRCUIT PACK SIDE OF BACKPLANE IN THE EOL'S INDICATED IN TABLE CA USING LOWER LEFTMOST TERMINAL AS THE LOCATING TERMINAL FOR EACH EOL, ALWAYS TERMINAL 023.

| | | | | | |
|------------------|---------------|--|-------|---------------------|----------|
| TITLE | | MMSU-E1 | | Lucent Technologies | |
| THIRD ANGLE PJTN | | LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS ALL RIGHTS RESERVED | | | |
| SCALE | DRAWING SCALE | J5D003FD-1 | SHEET | ISSUE | DWG SIZE |
| | | | B3 | 18 | AIR |

MODEL NAME

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MANUFACTURING NOTES

***** CONTINUED *****

RUB/RUG : ONLY EQLS 026 THRU 058 MAY BE USED, HOWEVER THE PREFERRED LOCATION IS EQL 058.
RUO : THE SLIM2 CP MUST BE EQUIPPED IN EQL 058.
36. FOR ASSEMBLY GRAPHICS OF LIST 200 OR 515 SEE ED5D783-30,G26A.
37. FOR CABLING METHOD OF LIST 200 OR 515 SEE ED5D798-12.

38. FOR RUO APPLICATIONS, METALLIC ACCESS (MA) CIRCUIT PACK WILL ALWAYS BE EQUIPPED IN EQL 026.
THIS APPLICATION REQUIRES ONLY 1 MTB (PORT 0) CONNECTION AT EQL 031-000.
ALL OTHER MTB PORTS (1 THRU 14) MUST BE EQUIPPED WITH RESISTOR BUS TERMINATING PADDLEBOARD EC-4C222-30,G14. FOR LOCATIONS SEE BELOW :

| PORT | EQL | PORT | EQL | PORT | EQL |
|------|---------|------|---------|------|---------|
| 1 | 031-003 | 2 | 031-006 | 3 | 031-009 |
| 4 | 031-013 | 5 | 031-016 | 6 | 031-019 |
| 7 | 031-022 | 8 | 031-032 | 9 | 031-035 |
| 10 | 031-038 | 11 | 031-041 | 12 | 031-045 |
| 13 | 031-048 | 14 | 031-051 | | |

| POSITION NUMBER | APPARATUS BLANK TYPE | COMCODE |
|-----------------|----------------------|-----------|
| NOTE 23 | 150A | 103752721 |
| 88 | 158A | 104042106 |
| 6 | 158C | 104042122 |
| 10 | 158C | 104042122 |
| 14 | 158C | 104042122 |
| 18 | 158C | 104042122 |
| 22 | 158C | 104042122 |
| 26 | 158C | 104042122 |
| 30 | 158C | 104042122 |
| 34 | 158C | 104042122 |
| 38 | 158C | 104042122 |
| 42 | 158C | 104042122 |
| 46 | 158C | 104042122 |
| 50 | 158C | 104042122 |
| 54 | 158C | 104042122 |
| 58 | 158C | 104042122 |
| 62 | 158C | 104042122 |
| 66 | 158C | 104042122 |
| 70 | 158C | 104042122 |
| 74 | 158C | 104042122 |
| 78 | 158C | 104042122 |
| 82 | 158C | 104042122 |
| 86 | 158C | 104042122 |

41. BASIC FRONT AND REAR LABEL INFORMATION THAT IS REQUIRED FOR THE RMMSU-E1 IN A RUB AND RUG CABINET WHEN THE UNIT IS ACCOMPANIED BY A FINAL ASSEMBLY KIT.
42. BASIC FRONT AND REAR LABEL INFORMATION THAT IS REQUIRED FOR THE RMMSU-E1 IN A RUO CABINET CABINET WHEN ACCOMPANIED BY A FINAL ASSEMBLY KIT.
43. TN138'S MAY BE EQUIPPED IN HEQL 114 AND THE MULTIPURPOSE POSITIONS 026 THRU 058. WHEN LIST 21 IS ORDERED, STAMP GROUP 3 INFORMATION IN THE JOB ENGINEER PROVIDED HEQL'S.
44. WHEN LIST 6 IS ORDERED, STAMP HEQL POSITION 010 WITH GROUP 25.
45. WHEN LIST 7 IS ORDERED, STAMP HEQL POSITION 018 WITH GROUP 23.
46. HORIZONTAL EQL'S 026 THRU 058 ARE MULTI-PURPOSE POSITIONS THAT CAN BE LABELED PER GROUP 4,5,6,16 INFORMATION. THESE POSITIONS SHOULD BE LABELED ONLY WHEN ORDERED.

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MANUFACTURING NOTES

***** CONTINUED *****

12T,9B-12B; ODD: 21T,22T,24T OR 21B THRU 24B.
B) J5D003F LTP W/O PSU OR ISLU. MMSU-E1 BASIC IN POS 19,28,36. EVEN: 1T. ODD: 13T.
C) J5D003F LTP E/W PSU. MMSU-E1 IN POS 28 THRU 62. EVEN: 4T-7T, 9T-11T,1XT-3XT,4B-12B,1XB-4XB; ODD: 16T-19T,21T-23T,5XT-7XT, 16B-24B,5XB-8XB.
D) J5D003F LTP E/W ISLU. MMSU-E1 BASIC IN POS 19,28,36. EVEN: 13T. ODD: 21T.
E) J5D003L SMC-2 (SMP20). MMSU-E1 IN POS 36 THRU 62. EVEN: 5X-8X, 9T-12T,6B,9B-12B; ODD: 13X-16X,21T-24T,18B,21B-24B.
F) J5D003R RUB MMSU-E1 IN POS 53 ONLY. EVEN: 17B
G) J5D003S RUG MMSU-E1 IN POS 53 ONLY. EVEN: FREE ASSIGNABLE.

25. 1.33 AMP 70A FUSES AND ASSOCIATED KS-14174,L1 (WHITE) DESIGNATION PINS MAY BE EQUIPPED IN THE FUSE POSITIONS LISTED BELOW:
A) J5D003E SMC.(SMP0/12). MMSU-E1 IN POS 19,53 & 62 EVEN: 9T, 10T,12T,9B-12B; ODD: 21T,22T,24T OR 21B THRU 24B.
B) J5D003F LTP W/O PSU OR ISLU. MMSU-E1 BASIC IN POS 19,28,36. EVEN: 1B. ODD: 13B.
C) J5D003F LTP E/W PSU. MMSU-E1 IN POS 28 THRU 62. EVEN: 4T-7T, 9T-11T,1XT-3XT,4B-12B,1XB-4XB; ODD: 16T-19T,21T-23T,5XT-7XT, 16B-24B,5XB-8XB.
D) J5D003R LTP E/W ISLU. MMSU-E1 BASIC IN POS 19,28,36. EVEN: 13B. ODD: 21B.
E) J5D003L SMC-2 (SMP20). MMSU-E1 IN POS 36 THRU 62. EVEN: 5X-8X,9T-12T,6B,9B-12B; ODD: 13X-16X,21T-24T,18B,21B-24B.
F) J5D003F RUB MMSU-E1 IN POS 53 ONLY. EVEN: 9XT.
G) J5D003S RUG MMSU-E1 IN POS 53 ONLY. EVEN: FREE ASSIGNABLE.

26. FOR RUB OR RUG APPLICATIONS, METALLIC ACCESS (MA) CIRCUIT PACK FOR MTB WILL BE EQUIPPED IN EQL 026 ONLY.
FOR HOST OR RSM APPLICATIONS, EQLS FOR EQUIPPING ED-4C222-30,G14 BACKPLANE CONNECTORS ARE JOB ASSIGNED. TYPICAL EQLS FOR FIRST PAIR OF METALLIC ACCESS CIRCUIT PACKS (TN138 IN POS 026 AND 138):

| EQL | TERM | EQL | TERM |
|-----|------|-----|------|
| 031 | 051 | 143 | 051 |
| 031 | 048 | 143 | 048 |
| 031 | 045 | 143 | 045 |
| 031 | 041 | 143 | 041 |
| 031 | 038 | 143 | 038 |
| 031 | 035 | 143 | 035 |
| 031 | 032 | 143 | 032 |
| 031 | 022 | 143 | 022 |
| 031 | 019 | 143 | 019 |
| 031 | 016 | 143 | 016 |
| 031 | 013 | 143 | 013 |
| 031 | 009 | 143 | 009 |
| 031 | 006 | 143 | 006 |
| 031 | 003 | 143 | 003 |
| 031 | 000 | 143 | 000 |

CHANGE 031 TO 039 AND 143 TO 151 WHEN SECOND PAIR OF METALLIC ACCESS CIRCUIT PACKS (TN138) ARE EQUIPPED IN POS 034 AND 146.
27. THESE CONNECTORS DO NOT REQUIRE EQL STAMPING.

28. FOR HOST OR RSM APPLICATIONS, PADDLE BOARD CONNECTOR POSITIONS ARE AS FOLLOWS:
TN 138 LOCATION PADDLE BOARD LOCATION
04-026 04-030-154
04-034 04-038-154
04-138 04-142-154
04-146 04-150-154

29. THE SHIELD SHALL BE MOUNTED IN POSITION BEFORE THE CIRCUIT PACKS ARE INSTALLED. TO MOUNT THE SHIELD FIRST SLIGHTLY FLEX FROM TOP TO BOTTOM AND HOLD. THEN INSERT THE BOTTOM INTO CARD SLOT POSITION 52. THEN UNFLEX AND GUIDE THE TOP INTO THE TOP OF POSITION 52 CARD SLOT. POSITION 52 IS EQUIPMENT POSITION 108.

31. CONNECTOR ASSEMBLY 406709089 SHALL BE EQUIPPED AT EQL POSITION 04-010 109 & 04-122 109.
FOR RUO APPLICATION THE CONNECTOR ASSEMBLY SHALL BE EQUIPPED IN EQL 04-010 109.

33. THE COMCODES SHOWN IN THE STOCKLIST IDENTIFICATION FIELD REFERENCE BY THIS NOTE ARE NOT THE INDIVIDUAL OR SINGULAR COMCODE FOR THE PART DESCRIBED BUT ARE THE FACTORY'S ORDERING COMCODE. TABLE JJ CONTAINS THE FACTORY'S ORDERING COMCODE FOR THE DESCRIBED PART AND THE EQUIVALENT SINGULAR/INDIVIDUAL COMCODE THAT MAY BE REQUIRED BY AN INSTALLER, CUSTOMER, REGIONAL LINE ENGINEER, OR A CLASS A CHANGE NOTICE.

34. THE ALIT PACKS (TN1538,TN1539,TN1540,TN1613,TN1614,TN1615 AND TN1636) MAY BE EQUIPPED AS FOLLOWS, AS DETERMINED BY THE LINE ENGINEER.
RUB OR RUG: IN EQLS 034 THRU 058.

35. THE SLIM2 (TN1422) CIRCUIT PACK MAY BE EQUIPPED IN POS 026 THRU 058 AND 138 THRU 170 AS DETERMINED BY THE LINE ENGINEER.
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MANUFACTURING NOTES

1. X PARTS REQUIRED FOR INSTALLATION.

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

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

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

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

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

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

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

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

"S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.

A/R AS REQUIRED.

"B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.

12. UNASSIGNED.

13. KEY CODES SHALL BE ASSEMBLED AND EQUIPPED PER TABLE CA AND DETAIL AA.

14. OMIT APPARATUS BLANKS FROM POS EQUIPPED WITH CIRCUIT PACKS. (151C WHEN L-1 OR L-3, IS PROVIDED OR 158C WHEN L-2,L4,L4A,L5 OR L5A IS PROVIDED).

15. ONE CARD GUIDE COVERS 22 POSITIONS. T.E. 1-22, 23-44, ETC. UNIVERSAL CARD GUIDES, REQUIRE CIRCUIT PACK SLOTS IN THE FOLLOWING POSITIONS:

(TOP AND BOTTOM):
FOR LISTS 2,4 AND 4A: 3,7,11,15,19,23,27,31,35,39,43,47,55,59,63, 67,71,75,79,83,87
FOR LISTS 5 AND 5A AND 510: 3,7,11,15,19,23,27,31,35,39,43,47,55
FOR LIST 200 AND 515: 3,7,11,27,55.

16. TN138 CIRCUIT PACK MAY BE EQUIPPED AS FOLLOWS, AS DETERMINED BY THE LINE ENGINEER.
HOST OR RSM: IN EQLS 026,034,114,138,146, AND 178
RUB, RUG OR RUO : IN EQLS 026 AND 114.

17. TN880 CKT PACKS MAY BE EQUIPPED IN POS 042,050,058,154,162 AND 170; AS DETERMINED BY LINE ENGINEER.

18. IF TN138 CIRCUIT PACK IS LOCATED IN EQPT POS 114 THE ED7C384-30, G2 SHIELD MUST BE OMITTED. WHEN LIST 1 OR 3 IS EQUIPPED REMOVE ONE 151C (103752754) APP BLANK AND IF LIST 2,4 4A IS EQUIPPED REMOVE ONE 158C (104042122) APP BLANK. THE SHIELD IS NOT REQUIRED /INCLUDED IN LIST 5, 5A OR 200.

19. TN220B AND TN221 CIRCUIT PACKS MAY BE EQUIPPED AS FOLLOWS, AS DETERMINED BY LINE ENGINEER.
HOST OR RSM: IN EQLS 026 THRU 058, AND 138 THRU 170
RUB OR RUG: IN EQLS 034 THRU 058

20. 127 TYPE APP MTGS ARE TO BE MOUNTED PER TABLE AA, AFTER UNIT WIRING. APP MTGS ARE LOCATED BY THEIR LOWER LEFTMOST TERMINAL AS VIEWED FROM THE WIRING SIDE.

21. UNASSIGNED.

22. UNASSIGNED.

23. APPARATUS BLANK 151A (.50) IS A RIGHT SIDE (FRONT VIEW) HOUSING END FILLER. APPARATUS BLANK 150A (.50) IS A LEFT SIDE (FRONT VIEW) HOUSING END FILLER.

24. 5AMP 70D FUSES AND ASSOCIATED KS-14174,L4 (GREEN) DESIGNATION PINS MAY BE EQUIPPED IN THE FUSE POSITIONS LISTED BELOW :
A) J5D003E SMC(SMP0/12). MMSU-E1 IN POS 19,53 & 62 EVEN: 9T,10T,
----- CONTINUED TO THE LEFT -----

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MODULAR METALLIC SERVICE UNIT-EXPORT
MODEL 1 (MMSU-E1)

DWG SIZE C2 ISSUE 27

LUCENT TECHNOLOGIES INC J5D003FD-1

SHEET D1 OF 18

| STOCKLIST | | | | | | | | | |
|-----------|---------------------|--------------|--------------------|-----------|--|--------------------|------|-----|--|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | | |
| | | | | | | | SYM | NBR | |
| 1000 | 1,3 | 1 | 103318408 | 132B | MOUNTING, APPARATUS | | | | |
| 1009 | 200 | 1 | 104192968 | 132G | MOUNTING, APPARATUS | | | 36 | |
| 1010 | 2 | 1 | 104192968 | 132G | MOUNTING, APPARATUS | | | | |
| 1011 | 4,4A,5,5A | 1 | 104192968 | 132G | MOUNTING, APPARATUS | | | | |
| 1012 | 4,4A,5,5A | 1 | 104391586 | 132J | MOUNTING, APPARATUS | | | | |
| 1013 | 4,4A,5,5A | 2 | 845050475 | | BAFFLE, AIR | | | | |
| 1015 | 4,4A,5,5A | 12 | 900820077 | | SCREW, SLOT HEXAGON WASHER HEAD .164-32 X 5/16 | | | | |
| 1020 | 1,3 | 1 | 406080044 | | BACKPLANE FOR MMSU EXPORT MODEL 1 #6122-111-00210 | | | | |
| 1021 | D | 1 | 406079905 | | BACKPLANE FOR MMSU EXPORT MODEL 1 #6122-111-06710 | | | | |
| 1022 | D | OMIT | 1 | 406080044 | BACKPLANE FOR MMSU EXPORT MODEL 1 #6122-111-00210 | | | | |
| 1030 | 2,4 | 1 | 406079905 | | BACKPLANE FOR MMSU EXPORT MODEL 1 #6122-111-06710 | | | | |
| 1031 | 4A,5,5A,200,E | 1 | 406385500 | | BACKPLANE, CONNECTORIZED HT 8, LG 23.1 THK .093 #6122-111-08230 | | | 36 | |
| 1032 | E | OMIT | 1 | 406079905 | BACKPLANE FOR MMSU EXPORT MODEL 1 #6122-111-06710 | | | | |
| 1060 | 3,4 | 1 | 406027342 | | STIFFENER #6122-100-12530 | | | 27 | |
| 1061 | E | 1 | 843583915 | | STIFFENER | | | 27 | |
| 1062 | E | OMIT | 1 | 406027342 | STIFFENER #6122-100-12530 | | | 27 | |
| 1070 | 1,2,4A,5,5A,200 | 3 | 843583915 | | STIFFENER | | | 36 | |
| 1080 | 3,4 | 2 | 843583915 | | STIFFENER | | | 27 | |
| 1090 | 1,2,3,4,4A,5,5A,200 | 9 | 901104315 | | SCREW, SOCKET HEAD CAP .112-40 X 3/8 IN. | | | 36 | |
| 1100 | 1,2,3,4,4A,5,5A,200 | 1 | 103316097 | 1080A | PLATE, MOUNTING | | | 36 | |
| 1110 | 1,2,3,4,4A,5,5A,200 | 8 | 103316287 | 8A | SPACER | | | 36 | |
| 1120 | 1,2,3,4,4A,5,5A,200 | 2 | 103316295 | 9A | SPACER | | | 36 | |
| 1130 | 1,2,3,4,4A,5,5A,200 | 14 | 901104307 | | SCREW, HEXAGON WASHER HEAD .112-40 X 1/2 IN. SEMS | | | 36 | |
| 1140 | 1,2,3,4,4A,5,5A,200 | 12 | 843584160 | | SCREW, SOCKET HEAD CAP .112-40 X 1/2 THREAD ROLLING TYPE W TAPTITE ZINC PLATED | | | 36 | |
| 1150 | 1,2,3,4,4A,5,5A | 4 | 840026835 | | SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) STEEL ZINC PLATE 289A FINISH | | | */ | |
| 1160 | F | 2 | 406709089 | | CONNECTOR, PIN SOCKET #6122-114-80310 | | | 31 | |

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

| STOCKLIST | | | | | | | | | |
|-----------|---------------------|--------------|--------------------|-------|--|---|------|-----|----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | | |
| | | | | | | | SYM | NBR | |
| 1180 | 1 | 1 | ED5X223-10,G1, | | LABEL | | | | |
| | 2 | | G1, | | | | | | |
| | 3 | | G1, | | | | | | |
| | 4 | | G1, | | | | | | |
| | 4A | | G1, | | | | | | |
| | 5A | | G1 | | | | | | |
| | | | | | FRONT | | | | |
| 1181 | 5 | 1 | ED5X223-10,G7, | | LABEL | | | | |
| | 5A | | G7 | | | | | | |
| 1182 | 1 | 1 | ED5X223-10,G17, | | LABEL | | | | |
| | 2 | | G17, | | | | | | |
| | 3 | | G17, | | | | | | |
| | 4 | | G17, | | | | | | |
| | 4A | | G17 | | | | | | |
| | | | | | FRONT | | | | |
| 1183 | 5 | 1 | ED5X223-10,G18, | | LABEL | | | | |
| | 5A | | G18 | | | | | | |
| | | | | | FRONT | | | | |
| 1190 | 1 | 1 | ED5X223-10,G2, | | LABEL | | | | |
| | 2 | | G2, | | | | | | |
| | 3 | | G2, | | | | | | |
| | 4 | | G2, | | | | | | |
| | 4A | | G2 | | | | | | |
| | | | | | REAR | | | | |
| 1191 | 1 | 1 | ED5X223-10,G20, | | LABEL | | | | |
| | 2 | | G20, | | | | | | |
| | 3 | | G20, | | | | | | |
| | 4 | | G20, | | | | | | |
| | 4A | | G20 | | | | | | |
| | | | | | REAR | | | | |
| 1192 | 5 | 1 | ED5X223-10,G21, | | LABEL | | | | |
| | 5A | | G21 | | | | | | |
| | | | | | REAR | | | | |
| 1200 | 1,2,3,4,4A,5,5A,200 | 1 | 103752721 | 150A | BLANK, APPARATUS | | | | 23 |
| 1210 | 1,3 | 1 | 103752739 | 151A | BLANK, APPARATUS | | | | 23 |
| | | | | | | POS 88 | | | |
| 1220 | 1,3 | 19 | 103752754 | 151C | BLANK, APPARATUS | | | | |
| | | | | | | POS 6,10,14,18,22,26,30,34,38,42,46,50,62,66,70,74,78,82,86 | | | |
| 1240 | 1,2,3,4,4A | 2 | 103803607 | 494LA | UNIT, POWER FE CLEI=PWPQ53XA CLEI = PWPQACXA EQPT POS 10,122 | | | | |
| 1241 | 5,5A,6 | 1 | 103803607 | 494LA | UNIT, POWER FE CLEI=PWPQ53XA CLEI = PWPQACXA EQPT POS 010 | | | | |
| 1250 | 2,4,4A,5,5A,200 | 1 | 104042106 | 158A | BLANK, APPARATUS | | | | |
| | | | | | | POS 88 | | | |
| 1260 | 2,4,4A | 19 | 104042122 | 158C | BLANK, APPARATUS | | | | |
| | | | | | | POS 6,10,14,18,22,26,30,34,38,42,46,50,62,66,70,74,78,82,86 | | | |

STOCKLIST CONTINUED ON SHEET D3

| | |
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| BT13 | |
| 5ESS SWITCHING EQUIPMENT SPECIFICATION FOR MODULAR METALLIC SERVICE UNIT-EXPORT MODEL 1 (MMSU-E1) | |
| DWG SIZE C2 | ISSUE 27 |
| LUCENT TECHNOLOGIES INC | J5D003FD-1 |
| SHEET OF | D2 18 |

| STOCKLIST | | | | | | | | |
|-----------|---|--------------|--------------------|------------|--|--------------------|------|----------|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 1261 | 5,5A | 20 | 104042122 | 158C | BLANK, APPARATUS POS 6,10,14,18,22, 26,30,34,38,42, 46,50,54,62,66, 70,74,78,82,86 | | | |
| 1262 | 200 | 17 | 104042122 | 158C | BLANK, APPARATUS POS 14,18,22,30,34, 38,42,46,50,58, 62,66,70,74,78, 82,86 | | | |
| 1270 | 20,30,40, 51,60,82, 93,102, 113,122, 122A,130, 131,131A | OMIT 1 | 103752754 | 151C | BLANK, APPARATUS | | | 14 |
| 1271 | 10,11 | OMIT 2 | 103752754 | 151C | BLANK, APPARATUS | | | 14 |
| 1280 | 20,30,40, 51,60,82, 93,102, 113,122, 122A,130, 131,131A, 150,150A | OMIT 1 | 104042122 | 158C | BLANK, APPARATUS | | | 14 |
| 1281 | 10,11 | OMIT 2 | 104042122 | 158C | BLANK, APPARATUS | | | 14 |
| 1290 | 10 | 2 | 103874418 | TN879 | PACK, CIRCUIT CLEI = E5PQ31TAXX EQPT POS 018,130 | | | |
| 1300 | 11 | 2 | 104179825 | TN879B | PACK, CIRCUIT CLEI FE=E5PQA2KA CLEI FE=E5PQAYEA CLEI FE=E5PQAACA CLEI = E5PQA3GA EQPT POS 018,130 | | | |
| 1301 | 5,5A,7 | 1 | 104179825 | TN879B | PACK, CIRCUIT CLEI FE=E5PQA2KA CLEI FE=E5PQAYEA CLEI FE=E5PQAACA CLEI = E5PQA3GA EQPT POS 018 | | | |
| 1310 | 20,21 | 1 | 104229430 | TN138 | PACK, CIRCUIT CLEI = E5PQ12AA | | | 16 |
| 1320 | 20 | 1 | ED5X223-10,G3 | | LABEL | | | |
| 1330 | 30,31 | 1 | 103925319 | TN220B | PACK, CIRCUIT FE CLEI=E5PQ32KA CLEI = E5PQAP7A | | | 19 |
| 1340 | 30 | 1 | ED5X223-10,G4 | | LABEL | | | |
| 1350 | 40,41 | 1 | 103884953 | TN221 | PACK, CIRCUIT FE CLEI=E5PQ14WA CLEI = E5PQA00A | | | 19 |
| 1360 | 40 | 1 | ED5X223-10,G5 | | LABEL | | | |
| 1370 | 51,52 | 1 | 105135909 | TN880 | PACK, CIRCUIT FE CLEI=E5PQAW5A FE CLEI=E5PQAHBA FE CLEI=E5PQ37YA CLEI = E5PQA2HA | | | 17 |
| 1380 | 51 | 1 | ED5X223-10,G6 | | LABEL | | | |
| 1390 | 60 | 2 | 104229430 | TN138 | PACK, CIRCUIT CLEI = E5PQ12AA EQPT POS 114,178 | | | 16 18 |
| 1391 | 60 | 2 | ED5X223-10,G3 | | LABEL | | | |
| 1400 | 82 | 1 | 105391163 | MC5X252A-1 | PACK, CIRCUIT, MICROCODED CLEI = E5MQAAXA (SN617) EQPT POS 066 | | | |
| 1410 | 130 | 1 | 106053242 | MC5X255A-1 | PACK, CIRCUIT, MICROCODED CLEI = E5MQ55FA (SN617B) EQPT POS 066 | | | |
| 1420 | 93 | 1 | 105422265 | TN1400 | PACK, CIRCUIT CLEI = E5PQAAXAXX EQPT POS 074 | | | |

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

J5D003FD-1

| STOCKLIST | | | | | | | | |
|-----------|---------------------|--------------|--------------------|-------|--|--------------------|------|----------|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 1430 | 102 | 1 | 105438865 | SN619 | PACK, CIRCUIT CLEI = E5PQABAAXX EQPT POS 082 | | | |
| 1450 | 113 | 1 | 104047915 | SN631 | PACK, CIRCUIT CLEI = E5PQ00BAXX EQPT POS 090 | | | |
| 1460 | 122 | 1 | 105437883 | SN616 | PACK, CIRCUIT CLEI = E5PQAAXAXX EQPT POS 098 | | | |
| 1470 | 1,3 | 21 | 103276366 | 19A | GUIDE POS 3T,7T,11T,15T, 19T,23T,27T,31T, 35T,39T,43T,47T, 55T,59T,63T,67T, 71T,75T,79T,83T, 87T | | | |
| 1480 | 2,4,4A,5, 5A,200 | 4 | 845216100 | | GUIDE, TOP CARD POS 1T-22T,23T-44T, 45T-66T,67T-88T | | | 15 |
| 1490 | 1,3 | 21 | 103276358 | 18A | GUIDE POS 3B,7B,11B,15B, 19B,23B,27B,31B, 35B,39B,43B,47B, 55B,59B,63B,67B, 71B,75B,79B,83B, 87B | | | |
| 1500 | 2,4,4A,5, 5A,200 | 4 | 845217108 | | GUIDE, BOTTOM CARD POS 1B-22B,23B-44B, 45B-66B,67B-88B | | | 15 |
| 1510 | 1,3 | 1 | 103276416 | 151A | STRIP, DESIGNATION | | | |
| 1520 | 2,4,4A,5, 5A,200 | 1 | 104226600 | 151C | STRIP, DESIGNATION | | | |
| 1550 | 1,3 | 2 | 103315909 | 29A | GUIDE | | | |
| 1560 | 1,3 | 2 | 103315891 | 28A | GUIDE | | | |
| 1580 | 1,3 | 3 | 843583923 | | BAR, CLAMPING | | | |
| 1590 | 2,4,4A,5, 5A,200 | 3 | 843245044 | | BAR, CLAMPING | | | |
| 1600 | 1,2,3,4, 4A,5,5A | 2 | 843079948 | | BRACKET, MOUNTING | | | |
| 1610 | 1,2,3,4, 4A | 64 | 103342119 | 127C | MOUNTING, APPARATUS | | | 20 |
| 1611 | 5,5A | 32 | 103342119 | 127C | MOUNTING, APPARATUS | | | 20 |
| 1612 | 200 | 5 | 103342119 | 127C | MOUNTING, APPARATUS | | | 20 |
| 1620 | 1,2,3,4 | 2 | 100203355 | 70D | FUSE 5 AMP | | | */ 24 |
| 1621 | 5 | 1 | 100203355 | 70D | FUSE 5 AMP | | | */ 24 |
| 1624 | L1 | 1 | ED5D088-10,G508 | | LABEL, FUSE | | | */ 24 |
| 1625 | L1 | 1 | ED5D088-10,G509 | | LABEL, FUSE | | | */ 24 |
| 1626 | L2 | 1 | ED5D088-10,G508 | | LABEL, FUSE | | | */ 24 |

STOCKLIST CONTINUED ON SHEET D4

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MODULAR METALLIC SERVICE UNIT-EXPORT
MODEL 1 (MMSU-E1)

DWG SIZE C2 ISSUE 27

LUCENT TECHNOLOGIES INC J5D003FD-1

SHEET D3 OF 18

PRINTED IN U.S.A.

| STOCKLIST | | | | | | | | |
|-----------|---------------------|--------------|--------------------|-------------|--|--------------------|------|----------|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 1630 | 1,2,3,4 | 2 | 401922083 | KS14174L4 | PIN, DESIGNATION NYLON GREEN | | */ | 24 |
| 1631 | 5 | 1 | 401922083 | KS14174L4 | PIN, DESIGNATION NYLON GREEN | | */ | 24 |
| 1640 | 1,2,3,4 | 2 | 100203322 | 70A | FUSE 1.33 AMP | | */ | 25 |
| 1641 | 5 | 1 | 100203322 | 70A | FUSE 1.33 AMP | | */ | 24 |
| 1644 | L1 | 1 | ED5D088-10,G510 | | LABEL, FUSE | | */ | 25 |
| 1645 | L1 | 1 | ED5D088-10,G511 | | LABEL, FUSE | | */ | 25 |
| 1646 | L2 | 1 | ED5D088-10,G510 | | LABEL, FUSE | | */ | 25 |
| 1650 | 1,2,3,4 | 2 | 401922059 | KS14174L1 | PIN, DESIGNATION NYLON WHITE | | */ | 25 |
| 1651 | 5 | 1 | 401922059 | KS14174L1 | PIN, DESIGNATION NYLON WHITE | | */ | 24 |
| 1660 | 1,2,3,4, 4A | 21 | 842397796 | | HOLDER, KEY | | | 13 |
| 1661 | 5,5A | 13 | 842397796 | | HOLDER, KEY | | | 13 |
| 1662 | 200 | 5 | 842397796 | | HOLDER, KEY | | | 13 |
| 1670 | 1,2,3,4, 4A | 105 | 843436171 | | KEY, TUBULAR | | | 13 |
| 1671 | 5,5A | 65 | 843436171 | | KEY, TUBULAR | | | 13 |
| 1672 | 200 | 25 | 843436171 | | KEY, TUBULAR | | | 13 |
| 1690 | 1,2,3,4, 4A,5,5A | 12 | 842058539 | | SCREW, SLOT HEXAGON WASHER HEAD .112-40 X 1/4 IN. | | | |
| 1700 | A | 1 | ED4C222-30,G14 | | ASSEMBLY, BACKPLANE CONNECTOR | | * | 26 27 |
| 1710 | B | 2 | 104385000 | 982LG | CONNECTOR | | * | 28 |
| 1720 | C | 3 | ED5D507-17,G10 | | ASSEMBLY, CABLE | | | |
| | | | | | EQL POS 019,080,173 | | | |
| 1730 | 131 | 1 | 106602352 | MC5X255A-2 | PACK, CIRCUIT, MICROCODED CLEI = E5MQABNA (SN617B) EQL POS 04-066 | | | |
| 1740 | 131A | 1 | 106701592 | MC5X255A-3B | PACK, CIRCUIT CLEI = E5MQACCA (SN617B) EQL POS 04-066 | | | |
| 1750 | 122A | 1 | 106747082 | SN616B | PACK, CIRCUIT CLEI = E5PQADRA EQL POS 04-098 | | | |
| 1760 | 4A | 2 | 406693887 | WP91768L110 | FUSE, 5.00 AMP FAST ACTING | | */ | 33 |
| 1761 | 5A | 1 | 406693887 | WP91768L110 | FUSE, 5.00 AMP FAST ACTING | | */ | |
| 1764 | L3 | 1 | ED5D088-10,G579 | | LABEL, FUSE | | */ | |
| 1765 | L3 | 1 | ED5D088-10,G593 | | LABEL, FUSE | | */ | |
| 1766 | L4 | 1 | ED5D088-10,G579 | | LABEL, FUSE | | */ | |
| 1767 | L5 | 1 | ED5D088-12,G77 | | LABELS, FUSE | | */ | |
| 1768 | L5 | 1 | ED5D088-12,G225 | | LABELS, FUSE | | */ | |
| 1769 | L6 | 1 | ED5D088-12,G77 | | LABELS, FUSE | | */ | |
| 1770 | 4A | 2 | 406708545 | WP91768L107 | FUSE, 2.0 AMP, 250 VOLT VERY FAST ACTING | | */ | 33 |
| 1771 | 5A | 1 | 406708545 | WP91768L107 | FUSE, 2.0 AMP, 250 VOLT VERY FAST ACTING | | */ | |
| 1774 | L3 | 1 | ED5D088-10,G578 | | LABEL, FUSE | | */ | |
| 1775 | L3 | 1 | ED5D088-10,G592 | | LABEL, FUSE | | */ | |

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

J5D003FD-1

| STOCKLIST | | | | | | | | |
|-----------|-----------------|--------------|------------------------|------------|--|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 1776 | L4 | 1 | ED5D088-10,G578 | | LABEL, FUSE | | */ | |
| 1777 | L5 | 1 | ED5D088-12,G78 | | LABELS, FUSE | | */ | |
| 1778 | L5 | 1 | ED5D088-12,G226 | | LABELS, FUSE | | */ | |
| 1779 | L6 | 1 | ED5D088-12,G78 | | LABELS, FUSE | | */ | |
| 1820 | 1,2,3,4, 4A | 1 | 845621705 | | SHIELD | | | 29 |
| | | | | | POS 52 | | | |
| 1830 | 140 | 1 | 105262422 | MC5X268A-1 | PACK, CIRCUIT, MICROCODED CLEI = E5MQ54GA (TN1538) | | | 34 |
| 1840 | 140 | 1 | ED5X223-10,G9 | | LABEL | | | |
| 1850 | 141 | 1 | 105262448 | MC5X269A-1 | PACK, CIRCUIT, MICROCODED CLEI = E5MQ54JAXX (TN1613) | | | 34 |
| 1860 | 141 | 1 | ED5X223-10,G10 | | LABEL | | | |
| 1870 | 142 | 1 | 105262430 | MC5X270A-1 | PACK, CIRCUIT, MICROCODED CLEI = E5MQ54HA (TN1539) | | | 34 |
| 1880 | 142 | 1 | ED5X223-10,G11 | | LABEL | | | |
| 1890 | 143 | 1 | 105262455 | MC5X271A-1 | PACK, CIRCUIT, MICROCODED CLEI = E5MQ54KA (TN1614) | | | 34 |
| 1900 | 143 | 1 | ED5X223-10,G12 | | LABEL | | | |
| 1910 | 144 | 1 | 105262463 | MC5X272A-1 | PACK, CIRCUIT, MICROCODED CLEI = E5MQ54LA (TN1540) | | | 34 |
| 1920 | 144 | 1 | ED5X223-10,G13 | | LABEL | | | |
| 1930 | 145 | 1 | 105262471 | MC5X273A-1 | PACK, CIRCUIT, MICROCODED CLEI = E5MQ54MA (TN1615) | | | 34 |
| 1940 | 145 | 1 | ED5X223-10,G14 | | LABEL | | | |
| 1950 | 146 | 1 | 105459853 | MC5X282A-1 | PACK, CIRCUIT, MICROCODED CLEI = E5MQBBRA (TN1636) | | | 34 |
| 1960 | 146 | 1 | ED5X223-10,G15 | | LABEL | | | |
| 2000 | 150 | 1 | 104046743 | TN1422 | PACK, CIRCUIT CLEI = E5PQAMRA | | | 35 |
| 2001 | 150A, 150B | 1 | 107999799 | TN1422 | PACK, CIRCUIT, SLIM2 CIRCUI FE CLEI=E5PQAUJA CLEI = E5PQAV7A | | | 35 |
| 2010 | 150 150A | 1 | ED5X223-10,G16, G16 | | LABEL | | | |
| 2200 | 200 | 2 | 847374642 | | BRACKET, MOUNTING | | | 36 |
| 2210 | 200 | 8 | 900820077 | | SCREW, SLOT HEXAGON WASHER HEAD .164-32 X 5/16 | | | 36 |
| 2220 | 200 | 1 | 847374709 | | COVER, REAR | | | 36 |
| 2230 | 200 | 10 | 842058521 | | SCREW, HEXAGON WASHER HEAD .164-32 X 5/16 | | | 36 |
| 2240 | 200 | 3 | 847374683 | | BAR, CABLE TIE | | | 36 |

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MODULAR METALLIC SERVICE UNIT-EXPORT
MODEL 1 (MMSU-E1)

DWG SIZE C2 ISSUE 27

LUCENT TECHNOLOGIES INC J5D003FD-1

SHEET D4 OF 18

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| STOCKLIST | | | | | | | | |
|-----------|-----------------|--------------|--------------------|--------|--|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 2250 | 200 | 1 | ED5D798-15,G6 | | CABLE RUO POWER | | | 37 |
| 2260 | 200 | 1 | ED5D798-26,G4A | | CABLE RUO PICB | | | 37 |
| 2270 | 200 | 1 | ED5X223-10,G19 | | LABEL RUO FRONT | | | |
| 2280 | 200 | 1 | ED5X223-10,G22 | | LABEL RUO REAR | | | |
| 2290 | 200 | 1 | ED5D798-15,G10 | | CABLE RUO GRD STRAP | | | 37 |
| 2300 | 200 | 1 | ED5D798-15,G10A | | CABLE RUO GRD STRAP | | | 37 |
| 2310 | 200 | 4 | 840026835 | | SCREW,TF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) STEEL ZINC PLATE 289A FINISH | | */ | |
| 2320 | 200 | 1 | ED5D798-15,G8 | | CABLE RUO MTB | | | 37 |
| 2400 | 201 | 1 | 103803607 | 494LA | UNIT,POWER FE CLEI=PWPQ53XA CLEI = PWPQACXA EQPT POS 010 | | | |
| 2410 | 202 | 1 | 104179825 | TN879B | PACK, CIRCUIT CLEI FE=E5PQA2KA CLEI FE=E5PQAYEA CLEI FE=E5PQAACA CLEI = E5PQA3GA EQPT POS 018 | | | |
| 2420 | 203 | 1 | 104229430 | TN138 | PACK,CIRCUIT CLEI = E5PQ12AA | | | 16 |
| 2430 | 204 | 1 | 104046743 | TN1422 | PACK,CIRCUIT CLEI = E5PQAMRA EQPT POS 058 | | | 35 |
| 2431 | 204A | 1 | 107999799 | TN1422 | PACK,CIRCUIT,SLIM2 CICUIT FE CLEI=E5PQAUJA CLEI = E5PQAV7A | | | 35 |
| 2440 | 205 | 14 | ED4C222-30,G14 | | ASSEMBLY, BACKPLANE CONNECTOR | | | 38 |
| 2450 | 206 | 1 | 104385000 | 982LG | CONNECTOR EQL LOCATION 04-030-154 | | | |
| 2460 | 207 | 1 | 406709089 | | CONNECTOR,PIN SOCKET #6122-114-80310 | | | 31 |
| 5000 | 500 | 1 | 847415064 | | ASSEMBLY,SHELF | | | |
| 5001 | 501 | 1 | 847415072 | | ASSEMBLY,SHELF | | | |
| 5002 | 502 | 1 | 847415080 | | ASSEMBLY,SHELF | | | |
| 5003 | 503 | 1 | 847044088 | | ASSEMBLY,SHELF | | | |
| 5010 | 510 | 1 | 847148236 | | ASSEMBLY,SHELF | | | |
| 5015 | 515 | 1 | 847478922 | | ASSEMBLY,SHELF | | | |
| 5018 | 518 | 1 | 103803607 | 494LA | UNIT,POWER FE CLEI=PWPQ53XA CLEI = PWPQACXA | | | |
| 5020 | 520 | 1 | 103874418 | TN879 | PACK,CIRCUIT CLEI = E5PQ31TAXX | | | |
| 5030 | 521 | 1 | 104179825 | TN879B | PACK, CIRCUIT CLEI FE=E5PQA2KA CLEI FE=E5PQAYEA CLEI FE=E5PQAACA CLEI = E5PQA3GA | | | |
| 5040 | 525 | 1 | 104229430 | TN138 | PACK,CIRCUIT CLEI = E5PQ12AA | | | |
| 5046 | F12 | 1 | 848254322 | | KIT,APPARATUS BLANK | | | |
| 5050 | 530 | 1 | 104229430 | TN138 | PACK,CIRCUIT CLEI = E5PQ12AA | | | |
| 5060 | 535 | 1 | 103925319 | TN220B | PACK,CIRCUIT FE CLEI=E5PQ32KA CLEI = E5PQAP7A | | | |

***** 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 |
| 5070 | 540 | 1 | 103884953 | TN221 | PACK,CIRCUIT FE CLEI=E5PQ14WA CLEI = E5PQA00A | | | |
| 5080 | 545 | 1 | 105135909 | TN880 | PACK,CIRCUIT FE CLEI=E5PQAW5A FE CLEI=E5PQAHBA FE CLEI=E5PQ37YA CLEI = E5PQA2HA | | | |
| 5090 | 550 | 1 | 105391163 | MC5X252A-1 | PACK,CIRCUIT,MICROCODED CLEI = E5MQAAXA | | | |
| 5091 | 551 | 1 | 106053242 | MC5X255A-1 | PACK,CIRCUIT,MICROCODED CLEI = E5MQ55FA | | | |
| 5092 | 552 | 1 | 106602352 | MC5X255A-2 | PACK,CIRCUIT,MICROCODED CLEI = E5MQABNA | | | |
| 5093 | 553 | 1 | 106701592 | MC5X255A-3B | PACK,CIRCUIT CLEI = E5MQACCA | | | |
| 5100 | 555 | 1 | 105422265 | TN1400 | PACK,CIRCUIT CLEI = E5PQAAXAXX | | | |
| 5110 | 560 | 1 | 105438865 | SN619 | PACK,CIRCUIT CLEI = E5PQABAAXX | | | |
| 5120 | 565 | 1 | 104047915 | SN631 | PACK,CIRCUIT CLEI = E5PQ00BAXX | | | |
| 5130 | 570 | 1 | 105437883 | SN616 | PACK,CIRCUIT CLEI = E5PQAAXAXX | | | |
| 5131 | 571 | 1 | 106747082 | SN616B | PACK,CIRCUIT CLEI = E5PQADRA | | | |
| 5140 | 575 | 1 | 104046743 | TN1422 | PACK,CIRCUIT CLEI = E5PQAMRA | | | |
| 5141 | 575A | 1 | 107999799 | TN1422 | PACK,CIRCUIT,SLIM2 CICUIT FE CLEI=E5PQAUJA CLEI = E5PQAV7A | | | 35 |
| 5150 | 580 | 1 | 105262422 | MC5X268A-1 | PACK,CIRCUIT,MICROCODED CLEI = E5MQ54GA | | | |
| 5160 | 581 | 1 | 105262448 | MC5X269A-1 | PACK,CIRCUIT,MICROCODED CLEI = E5MQ54JAXX | | | |
| 5170 | 582 | 1 | 105262430 | MC5X270A-1 | PACK,CIRCUIT,MICROCODED CLEI = E5MQ54HA | | | |
| 5180 | 583 | 1 | 105262455 | MC5X271A-1 | PACK,CIRCUIT,MICROCODED CLEI = E5MQ54KA | | | |
| 5190 | 584 | 1 | 105262463 | MC5X272A-1 | PACK,CIRCUIT,MICROCODED CLEI = E5MQ54LA | | | |
| 5200 | 585 | 1 | 105262471 | MC5X273A-1 | PACK,CIRCUIT,MICROCODED CLEI = E5MQ54MA | | | |
| 5210 | 586 | 1 | 105459853 | MC5X282A-1 | PACK,CIRCUIT,MICROCODED CLEI = E5MQBBRA | | | |
| 5220 | B1 | 1 | 104042122 | 158C | BLANK,APPARATUS | | | |
| 5230 | B2 | 1 | 104042106 | 158A | BLANK,APPARATUS | | | |
| 5240 | B3 | 1 | 103752721 | 150A | BLANK,APPARATUS | | | |
| 5250 | F1 | 1 | 847044112 | | KIT,FINAL ASSEMBLY | | | |
| 5260 | F2 | 1 | 847044104 | | KIT,FINAL ASSEMBLY | | | |
| 5270 | F3 | 1 | 847148194 | | KIT,FINAL ASSEMBLY | | | |
| 5280 | F4 | 1 | 847148202 | | KIT,FINAL ASSEMBLY | | | |

STOCKLIST CONTINUED ON SHEET D6

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5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MODULAR METALLIC SERVICE UNIT-EXPORT
MODEL 1 (MMSU-E1)

DWG SIZE
C2

ISSUE
27

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STOCKLIST

| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
|----------|-----------------|--------------|--------------------|-------|--|--------------------|------|-----|
| | | | | | | | SYM | NBR |
| 5290 | F5 | 1 | 847271087 | | KIT,FINAL ASSEMBLY | | | |
| 5300 | F6 | 1 | 847148244 | | KIT,FINAL ASSEMBLY | | | |
| 5310 | F7 | 1 | 847163987 | | KIT,FINAL ASSEMBLY | | | |
| 5320 | F8 | 1 | 847163425 | | KIT,FINAL ASSEMBLY | | | |
| 5330 | F9 | 1 | 847163466 | | KIT,FINAL ASSEMBLY | | | |
| 5340 | F10 | 1 | 847271095 | | KIT,FINAL ASSEMBLY | | | |
| 5344 | F11 | 1 | 847519261 | | KIT,FINAL ASSEMBLY | | | |
| 5350 | G1 | 1 | 847196748 | | KIT,MOUNTING UNIT GUIDE FOR 132 TYPE APP MTG | | | |
| 5360 | G2 | 1 | 847286721 | | KIT,MOUNTING | | | |
| 5370 | 600 | 1 | ED4C222-30,G14 | | ASSEMBLY, BACKPLANE CONNECTOR | | | |
| 5380 | 601 | 1 | 104385000 | 982LG | CONNECTOR | | | |
| 5390 | 602 | 1 | 406709089 | | CONNECTOR,PIN SOCKET #6122-114-80310 | | | |

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

JJ

TABLE JJ STOCKLIST ORDERING COMCODES TO INDIVIDUAL/SINGULAR COMCODE CROSS REFERENCE

| STOCKLIST ORDERING COMCODE | INDIVIDUAL/SINGULAR COMCODE | COMMENTS |
|----------------------------|-----------------------------|---------------------------|
| 406693887 | 406747543 | FUSE, 5.0 AMP WP91768L110 |
| 406708545 | 406747527 | FUSE, 2.0 AMP WP91768L107 |

TABLE AA

| LIST 1,2,3,4,4A APP MTG 127C LOCATION | LIST 5,5A APP MTG 127C LOCATION | LIST 200 APP MTG 127C LOCATION |
|---------------------------------------|---------------------------------|--------------------------------|
| 04-018 100,300,132,332 | 04-018 100,300,132,332 | 04-010 100 |
| 04-023 000,032 | 04-023 000,032 | 04-018 132,332 |
| 04-026 100,300,132,332 | 04-026 100,300,132,332 | 04-031 000,032 |
| 04-031 000,032 | 04-031 000,032 | |
| 04-034 100,300,132,332 | 04-034 100,300,132,332 | |
| 04-039 000,032 | 04-039 000,032 | |
| 04-042 100,300,132,332 | 04-042 100,300,132,332 | |
| 04-050 100,300,132,332 | 04-050 100,300,132,332 | |
| 04-058 100,300,132,332 | 04-058 100,300,132,332 | |
| 04-130 100,300,132,332 | 04-010 100 | |
| 04-135 000,032 | 04-122 100 | |
| 04-138 100,300,132,332 | | |
| 04-143 000,032 | | |
| 04-146 100,300,132,332 | | |
| 04-151 000,032 | | |
| 04-154 100,300,132,332 | | |
| 04-162 100,300,132,332 | | |
| 04-170 100,300,132,332 | | |
| 04-178 300,332 | | |
| 04-010 100 | | |
| 04-122 100 | | |

TABLE B

COMPATIBILITY LIST

| AT&T-NSNL 12NC (GPI CODE) | LIST | GPI LIST | BACKPLANE 12NC | COMCODE | WIRING REQ'D | STIFFENER 843583915 | 406079905 | MNTG APP |
|----------------------------|----------------|----------|----------------|-----------|--------------|---------------------|-------------|----------|
| 9562 510 36020 (847415064) | L1 | - | 6122 111 00210 | 406080044 | - | 3 | - | 132B |
| 9562 510 36100 (847415064) | L1 & LD | L500 | 6122 111 06710 | 406079905 | - | 3 | - | 132B |
| 9562 510 36200 (847415072) | L2 | L501 | 6122 111 06710 | 406079905 | - | 3 | - | 132G |
| 9562 510 36030 (847415080) | L3 | - | 6122 111 00210 | 406080044 | LWA | 2 | 1 (EQL 136) | 132B |
| 9562 510 36300 (847415080) | L3 & LD | L502 | 6122 111 06710 | 406079905 | LWA | 2 | 1 (EQL 136) | 132B |
| 9562 510 36400 (847044088) | L4 | - | 6122 111 06710 | 406079905 | LWA | 2 | 1 (EQL 136) | 132G |
| 9562 510 36410 (847044088) | L4 | - | 6122 111 06710 | 406079905 | LWA | 2 | 1 (EQL 136) | 132G |
| 9562 510 36420 (847044088) | L4 & LE OR L4A | L503 | 6122 111 08230 | 406385500 | - | 3 | - | 132J |
| 9562 507 70100 (847148236) | L5 OR L5A | L510 | 6122 111 08230 | 406385500 | - | 3 | - | 132G/J |
| 847478922 | L200 | L515 | 6122 111 08230 | 406385500 | - | 3 | - | 132G |

THE 12TH NUMBER OF THE 12NC IS SHOWN AS A '0' RATHER THAN THE ACTUAL NUMBER, SINCE THE FUNCTIONALITY DOES NOT CHANGE. 11TH DIGIT CHANGES DOES NOT REFLECT FUNCTIONALITY CHANGES WITHIN THAT UNIT.

TABLE CA

| BACKPLANE KEY CODES AND ASSOCIATED EQL'S LISTS 1,2,3,4,4A | | | BACKPLANE KEY CODES AND ASSOCIATED EQL'S LIST 5,5A | | | BACKPLANE KEY CODES AND ASSOCIATED EQL'S LIST 200 | | |
|--|--|----------|---|--|----------|--|----------------------------|----------|
| APP CODE | EQL | KEY CODE | APP CODE | EQL | KEY CODE | APP CODE | EQL | KEY CODE |
| 494LA | 04-010 04-122 | B-01679 | 494LA | 04-010 | B-01679 | 494LA | 04-010 | B-01679 |
| TN879/B | 04-018 04-130 | B-12479 | TN879/B | 04-018 | B-12479 | TN879B | 04-018 | B-12479 |
| * | 04-026 04-034 04-042 04-050 04-058 04-114 04-138 04-146 04-154 04-162 04-170 04-178 | B-15679 | ** | 04-026 04-034 04-042 04-050 04-058 04-114 | B-15679 | *** | 04-026 04-058 04-114 | B-15679 |
| SN617/B | 04-0660 | B-02359 | SN617/B | 04-066 | B-02359 | | | |
| TN1400 | 04-074 | B-01278 | TN1400 | 04-074 | B-01278 | | | |
| SN619 | 04-082 | B-01289 | SN619 | 04-082 | B-01289 | | | |
| SN631 | 04-090 | B-02356 | SN631 | 04-090 | B-02356 | | | |
| SN616/B | 04-098 | B-12356 | SN616/B | 04-098 | B-12356 | | | |

* DENOTES CIRCUIT PACKS TN138, TN220B, TN221, TN880 AND TN1422 AS ASSIGNED PER TABLE "A" FEATURES.

** DENOTES CIRCUIT PACKS TN138, TN220B, TN221, TN1538, TN1539, TN1540, TN1613, TN1614, TN1615, TN1636 AND TN1422 AS ASSIGNED PER TABLE "A" FEATURES.

***DENOTES CIRCUIT PACKS TN138 & TN1422 AS ASSIGNED PER TABLE "A"

TABLE D

| TABLE D6 - NSI TYPE DESIGNATION LABEL | | |
|---------------------------------------|----------|----------------|
| UNIT ATTRIBUTES | | REFERENCE CODE |
| COUNTRY | OTHER | |
| | HOST/RSM | 847377371 |
| | RUB/RUG | 847383650 |

TABLE D9

| LIST | ASSOCIATED D LIST | ED GROUP FOR LABEL | NOTE |
|------|-------------------|------------------------|------|
| 510 | | ED5X223-10,G18 (FRONT) | 41 |
| 510 | | ED5X223-10,G24 (REAR) | 41 |
| 515 | | ED5X223-10,G19 (FRONT) | 42 |
| 515 | | ED5X223-10,G22 (REAR) | 42 |
| 6 | | ED5X223-10,G25 | 44 |
| 7 | | ED5X223-10,G23 | 45 |
| 21 | | ED5X223-10,G3 | 43 |
| 31 | | ED5X223-10,G4 | 46 |
| 41 | | ED5X223-10,G5 | 46 |
| 52 | | ED5X223-10,G6 | 46 |
| 150B | | ED5X223-10,G16 | 46 |

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