

ISSUE NOTES (CONTINUED)				
<p>H8584 - IN TABLE A; IN LISTS 11,12,13,14 REMOVE RATING "NRTO" AND ADD NOTE REFERENCE 76; IN LISTS 12 & 14, REMOVE "APR" FROM LIST DESCRIPTION; IN LIST 110C, CHANGE EQUIPMENT OR CIRCUIT DATA FROM "J5D020B-2 L33A" TO "J5D020B-2 L33B" AND "J5D020B-2 L34A" TO "J5D020B-2 L34B"; IN LIST 110D, CHANGE EQUIPMENT OR CIRCUIT DATA FROM "J5D020B-2 L35A" TO "J5D020B-2 L35B" AND "J5D020B-2 L36A" TO "J5D020B-2 L36B"; IN LISTS 320,321,322,323, CHANGE EQUIPMENT OR CIRCUIT DATA FROM "J5D020B-2 L4B" TO "J5D020B-2 L4C" AND FROM "J5D020B-2 L5" TO "J5D020B-2 L5A".</p> <p>IN LISTS 11,11E,13,13E, ADD THE FOLLOWING TO LIST DESCRIPTION, "THIS EQUIPMENT CAN BE USED IN NEW OR EXISTING (CONVERSION) OFFICE APPLICATIONS.".</p> <p>IN LISTS 12,14, ADD THE FOLLOWING TO LIST DESCRIPTION, "THIS EQUIPMENT CAN ONLY BE USED IN EXISTING (CONVERSION) OFFICE APPLICATIONS.".</p> <p>IN STOCKLIST; ADD ITEM 1119.</p> <p>H8584 - IN TABLE A; IN LISTS 11,12,13,14 REMOVE RATING "NRTO" AND ADD NOTE REFERENCE 76; IN LISTS 12 & 14, REMOVE "APR" FROM LIST DESCRIPTION; IN LIST 110C, CHANGE EQUIPMENT OR CIRCUIT DATA FROM "J5D020B-2 L33A" TO "J5D020B-2 L33B" AND "J5D020B-2 L34A" TO "J5D020B-2 L34B"; IN LIST 110D, CHANGE EQUIPMENT OR CIRCUIT DATA FROM "J5D020B-2 L35A" TO "J5D020B-2 L35B" AND "J5D020B-2 L36A" TO "J5D020B-2 L36B"; IN LISTS 320,321,322,323, CHANGE EQUIPMENT OR CIRCUIT DATA FROM "J5D020B-2 L4B" TO "J5D020B-2 L4C" AND FROM "J5D020B-2 L5" TO "J5D020B-2 L5A".</p> <p>IN STOCKLIST; ADD ITEM 1119.</p> <p>THIS NOTE COPIED BY ADVANCE PROGRAM FROM ISSUE 7W00</p> <p>ORIG ISS: 12/19/96 NDD NBR: NDD5D020NW-146 CHANGE CLASS: ME</p> <p>DRAFT: PMR ENGR: PMR SUPV: RJP CERTIFIED: 03/05/99 ISSUE: 8</p>				
<p>H8612 - IN TABLE A: LISTS 71,71E,72,72E,73,81,81E,82,82E,83, 91,91E,92,92E,93,110E,110F,110G,324,325,326,327,328,329 ADDED. IN STOCKLIST: ITEMS 1600,1610,1620,1630,1640,1660,1670,1680, 1690,1700,1720,1730,1740,1750,1760,1800,1810,1820,1830,1840,1850, 1900,1910,1920 ADDED.</p> <p>IN ENGINEERING NOTES: IN NOTE 66 CHANGED WORDING FROM "EQL 032 OF THE OUTER MOST BAYS" TO "BAYS 5&6 EQL 032 FOR A 2-BAY CM2 AND BAYS 4&7 EQL 032 FOR A 4-BAY CM2"; IN NOTE 71 ADDED THE FOLLOWING "THESE COMMUNICATION MULT CABLES PERTAIN TO BAY 3.";</p> <p>ADDED NOTES 77,78,79,80.</p> <p>ON SHEET B3: CHANGE FROM "L-63" TO "L-93".</p> <p>ON SHEET B4: ADDED LISTS 71,71E,72,72E,73,81,81E,82,82E,83, 91,91E,92,92E,93 TO TABLE D1. UNIT GRAPHIC MOVED TO SHEET B5 AND ADDED BAYS 2&9, 1&10, 0&11 WITH ASSOCIATED LIST INFORMATION.</p> <p>IN TABLE D2: ADDED BAYS 0,1,2,9,10,11 TO LIST 1 & 2 CURRENT DRAIN INFORMATION.</p> <p>UPDATE SHEET INDEX.</p> <p>ORIG ISS: 12/19/96 NDD NBR: NDD5D020NW-148 CHANGE CLASS: ME</p> <p>DRAFT: PMR ENGR: PMR SUPV: RJP CERTIFIED: 04/07/99 ISSUE: 9</p>				

ISSUE NOTES (CONTINUED)				
<p>H8536 - IN TABLE A: ADDED LISTS 110D,320,321,322,323. IN LISTS 13 & 13E CHGD "24 MB" TO "36 MB". IN LISTS 100,102 ADDED "OR LIST 110()". IN LISTS 300,301,304 ADDED "OR LISTS 320-329". IN ENGINEERING NOTES: ADDED NOTES 74,75,76. ADDED NOTE REF 74 TO TABLE A LIST 110C. ADDED NOTE REF 76 TO LISTS 11E,13E, 51,51E,52,52E,53,61,61E,62,62E,63,110C. IN NOTE 61 ADDED "UNIT/" & "WITHIN A UNIT". IN NOTE 72 ADDED "TMSU3".</p> <p>IN MANUFACTURING NOTES: ADDED NOTE 12 AND NOTE 12 REF TO ST ITEMS 1200,1250.</p> <p>IN STOCKLIST: ADDED ITEMS 1510,1520,1530,1540,1550. IN ITEM 1310 ADDED "(BAYS 4 & 7)" TO DESCRIPTION.</p> <p>IN SHEET B2: ADD A PERIOD TO THE END OF 1ST LINE IN EQUIPAGE RULE 10.</p> <p>IN SHEET B3: IN FIG 5, CHG CAPTION TO BREAKOUT EQUIPAGE BY LIST.</p> <p>ORIG ISS: 12/19/96 NDD NBR: NDD5D020NW-145 CHANGE CLASS: M</p> <p>DRAFT: PMR ENGR: PMR SUPV: RJP CERTIFIED: 11/13/98 ISSUE: 6</p>				
<p>C84532 - ADDED NEW CLEI TO STOCKLIST ITEMS 1010,1020,1120,1200.</p> <p>ORIG ISS: 12/19/96 CHANGE CLASS: AC</p> <p>DRAFT: PMR ENGR: PMR SUPV: RJP CERTIFIED: 01/22/99 ISSUE: 7</p>				

ISSUE NOTES				
<p>TO INTRODUCE A NEW DRAWING ORDERING DOCUMENT</p> <p>ORIG ISS: 12/19/96 NDD NBR: NDD5D020NW-115 CHANGE CLASS: ME</p> <p>DRAFT: JA ENGR: JA SUPV: DWM CERTIFIED: 12/19/96 ISSUE: 1</p>				
<p>IN CHANGE TAG H8270.1 = TABLE A: ADDED LISTS 202A,205A,302A & 305A. DELETED LISTS 202,205,302 & 305.</p> <p>IN STKLST: ADDED ITEMS 1165 & 1245. 1120 THRU 1150 ADDED 202A. 1150,1170,1180 & 1190 ADDED 205A. 1200 THRU 1230 ADDED 302A. 1230,1250,1260 & 1270 ADDED 305A.</p> <p>ORIG ISS: 12/19/96 NDD NBR: NDD5D020NW-133 CHANGE CLASS: ME</p> <p>DRAFT: CEH ENGR: CEH SUPV: RJP CERTIFIED: 12/11/97 ISSUE: 2</p>				
<p>CHANGE TAG H8301 = TABLE A: ADDED LIST 110C.</p> <p>STKLST: ADDED ITEMS 1300 & 1310.</p> <p>ENG. NOTES: ADDED NOTE 58</p> <p>ORIG ISS: 12/19/96 NDD NBR: NDD50020NW-135 CHANGE CLASS: ME</p> <p>DRAFT: CEH ENGR: CEH SUPV: RJP CERTIFIED: 01/07/98 ISSUE: 3</p>				
<p>CHANGE TAG: H8336</p> <p>ADDED: LISTS 11, 11E, 12, 13, 13E, 14 IN TABLE-A.</p> <p>ADDED: SHEETS B1, B2 AND B3.</p> <p>ADDED: IN STOCKLIST ITEMS 1093, 1094, 1095, 1096, 1097 AND 1098.</p> <p>ADDED: ENGINEERING NOTES 60, 61, 62, 63, 64, 65, 66 AND 67.</p> <p>ADDED: MISC TABLE D1, D2.</p> <p>CHANGED: ENGINEERING NOTE 54, 56, AND 58.</p> <p>ADDED: NRTO TO TABLE-A LISTS 11, 12, 13 AND 14.</p> <p>UPDATED: IN TABLE-A LIST 202A, 205A, 302A AND 305A.</p> <p>ORIG ISS: 12/19/96 NDD NBR: NDD5D005NW-82 CHANGE CLASS: B</p> <p>DRAFT: GLC ENGR: GLC SUPV: FNG CERTIFIED: 08/12/98 ISSUE: 4</p>				
<p>H8506 - IN TABLE A: ADDED LISTS 51,51E,52,52E,53,61,61E,62,62E, 63,307; LIST DESCRIPTION FOR LISTS 100,102,300,301,304 READ "LISTS 11(),12,13(),OR 14" AND CHANGED TO "(10-99)()".</p> <p>IN ENGINEERING NOTES: ADDED NOTES 68,69,70,71,72,73. IN NOTE 54, CHANGED "1-99" TO "1-9".</p> <p>TABLE D1 MOVED FROM SHEET D2 TO B4 (NEW SHEET) ; ADDED LISTS 51, 51E,52,52E,53,61,61E,62,62E,63.</p> <p>IN TABLE D2, "BAY 4" CHANGED TO "BAYS 3 AND 4", "BAY 7" CHANGED TO "BAYS 7 AND 8".</p> <p>IN SHEET B1: "MMFU" CHANGED TO "MFFU".</p> <p>IN SHEET B2: ADDED NOTE 10; CHANGED "#" TO "@" FOR EQL 008.</p> <p>IN STOCKLIST: ADDED ITEMS 1320,1330,1410,1420,1430,1440,1450, 1460,1470,1480,1490,1500.</p> <p>UPDATE SHEET INDEX.</p> <p>ORIG ISS: 12/19/96 NDD NBR: NDD5D020NW-143 CHANGE CLASS: M</p> <p>DRAFT: PMR ENGR: PMR SUPV: RJP CERTIFIED: 10/02/98 ISSUE: 5</p>				

SHEET INDEX											
SHT NBR	A1 THRU A13 ISSUE 21										
ISSUE											
SHT NBR	D1 THRU D6 ISSUE 21										
ISSUE											
SHT NBR	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
ISSUE	11	6	11	13	13	11	11	11	11	13	13
SHT NBR	B12										
ISSUE	13										
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		BT13	
		5ESS SWITCHING EQUIPMENT SPECIFICATION FOR COMMUNICATION MODULE GROWTH PACKAGES	
		DWG SIZE C2	ISSUE 21
LUCENT TECHNOLOGIES INC		J5D020Z-1	
		SHEET A1 OF 31	

ENGINEERING NOTES

51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH: LUCENT TECHNOLOGIES PRACTICES-NONE.
52. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.
53. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS AND/OR CHARACTERS INDICATES HORIZONTALLY LINED OUT INFORMATION.
54. LISTS 1-9 CM1 APPARATUS
 LISTS 10-99 CM2 CABINETS
 LISTS 100-199 CM2 APPARATUS & EQUIPMENT COMMON TO SINGLE & DUAL FABRIC
 LISTS 200-299 CM2 APPARATUS & EQUIPMENT FOR SINGLE FABRIC
 LISTS 300-399 CM2 APPARATUS & EQUIPMENT FOR DUAL FABRIC
55. \$ONE LIST A AND ONE LIST B ARE REQUIRED FOR EACH CLASSIC SM. \$A MINIMUM OF ONE LIST A AND ONE LIST B ARE REQUIRED FOR EACH \$SM2000. ALL 4 CABLE ASSEMBLIES IN A LIST ARE THE SAME LENGTH. \$NCT LINK CABLE ASSEMBLIES MUST BE ORDERED IN 10 FOOT INCREMENTS \$FROM 20 FEET THROUGH 150 FEET. THE LENGTH(S) MUST BE INCLUDED \$AS "C-NOTED" JOB INFORMATION FOR EACH LIST A & B. IN AN ORDER, \$ONLY A QUANTITY OF ONE L-A OR ONE L-B CAN BE ORDERED PER ITEM \$FOR MULTIPLE L-A OR L-B, USE MULTIPLE ITEMS. THE SUGGESTED \$"C-NOTE" FORMAT IS:
 \$1 J5D020Z-1 L-A
 \$C SM050/X-DIM 30
 \$1 J5D020Z-1 L-B
 \$C SM 050/X-DIM 40
56. THE STORAGE SPOOLS FOR LIGHTGUIDE CABLES SHOULD BE PROVIDED IN CONSIDERATION OF THE TYPE OF MODULE. THEREFORE THE SPOOLS ARE NOT INCLUDED IN THE NCT LINK CABLE PACKAGES. THE CM2 CABINETS ORDERED FROM THIS DRAWING HAVE SPOOLS INCLUDED WITH THE CABINETS. FIXED APPLICATION SWITCHING MODULES ALSO INCLUDE LIGHTGUIDE CABLE SPOOLS.
57. AN ORDER MUST HAVE THE SAME QUANTITY OF LIST A AND LIST B.
58. ALL MATERIAL REQUIRED TO INSTALL THESE UNITS IN AN EXISTING CABINET IS INCLUDED IN THIS UNIT KIT, WITH THE EXCEPTION OF THE SCANNER CABLE, ED5D585-11 (SEE ENG. NOTE 59). EXAMPLES OF SUCH MATERIAL ARE CABLES, CABLE SUPPORTS, SCREWS FOR CLASSIC AND GLOBAL CABINETS AND FUSES. THE CABLE ASSEMBLIES REQUIRED TO CONNECT THESE UNITS TO THE J5D003BJ FUSE/FILTER AND THE J5D003FJ MFFU ARE BOTH INCLUDED IN THIS LIST. THE 963E-2 CONNECTORS FOR THE APR (AUTOMATIC POWER RECOVERY) FEATURE ARE ALSO INCLUDED FOR APR CM2'S.
59. X-DIMENSION SCANNER CABLES, ED5D585-11, ARE NOT INCLUDED IN THIS KIT AND MUST BE ORDERED CUSTOM.
60. REFER TO TABLE D1 FOR MATERIAL INCLUDED TO SUPPORT THE INSTALLATION OF THIS EQUIPMENT.
61. THERE ARE NO QLI (TN888) OR QLI2 (TN1681) CIRCUIT PACKS EQUIPPED IN THE UNIT/CABINET LISTS TO ALLOW TOTALLY OPTIONAL EQUIPAGE TO SUPPORT CLASSIC AND SM2000 SM'S. QLI, QLI2, AND TRANSCEIVER CIRCUIT PACKS SHOULD BE ORDERED PER LISTS 300, 301, AND 304.
62. ALL MSPU3 UNITS ARE CABLED TO SUPPORT EITHER SINGLE OR DUAL MMP'S. ONE SINGLE MMP IS EQUIPPED IN BAY 5 AND 6. ADDITIONAL MMP'S MAY BE ORDERED PER LIST 100. THE POWER AND CONTROL & DISPLAY CIRCUIT PACKS FOR THE SINGLE MMP COMMUNITIES ARE \$ALWAYS\$ EQUIPPED ONLY IN BAYS 5&6. THE POWER AND CONTROL & DISPLAY CIRCUIT PACKS FOR \$THE DUAL MMP\$ ALL OTHER MSPU3 COMMUNITIES (SINGLE OR DUAL) \$MAY\$ MUST BE ORDERED PER LIST 102.
63. FOR POWER REQUIREMENTS, SEE TABLE D2.
64. BAY AND CIRCUIT PACK POSITION JOB INFORMATION IS REQUIRED WHEN THIS LIST IS ORDERED AS "EQUIPPED WITH" (E/W) ON A UNIT OR CABINET. REFER TO FIGURES 3 AND 4 FOR EQL/POSITION RELATIONSHIP. EXAMPLE:
 8 L-300
 BAY 5 & 6
 POS 1-8
 10 L-301
 BAY 5 & 6
 POS 2-8
 BAY 4 & 7
 POS 1
65. BAY AND CIRCUIT PACK POSITION JOB INFORMATION IS REQUIRED WHEN THIS LIST IS ORDERED AS "EQUIPPED WITH" (E/W) ON A UNIT OR CABINET. REFER TO FIGURE 5 FOR EQL/POSITION RELATIONSHIP. IF COMMUNITY NOTATION IS OMITTED, SINGLE MMP COMMUNITY WILL BE ASSUMED. IF AN MMP IS EQUIPPED IN THE DUAL MMP COMMUNITY, THEN POWER, CONTROL AND DISPLAY CIRCUIT PACKS MUST ALSO BE ORDERED
 ----- CONTINUED ON NEXT SHEET -----

ISSUE NOTES (CONTINUED)

- CHANGE TAG: H09065
 UPDATED TABLE A DESCRIPTIONS FOR LISTS A30, A40, A50, A60, A70, A80, A90, A100, A110, A120, A130, A140, A150, A160, A170, A180.
 REMOVED NOTE 66 ON LIST 304.
 UPDATED DESCRIPTIONS FOR STOCKLIST ITEMS 3000, 3010, 3020, 3030, 3040, 3050, 3060, 3070, 3080, 3090, 3100, 3110, 3120, 3130, 3140, 3150.
- ORIG ISS: 12/19/96 NDD NBR: WS0000116 CHANGE CLASS: MF
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| DRAFT: LMS | ENGR: LMS | SUPV: BTR | CERTIFIED: 06/20/00 | ISSUE: 15 |
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- CHANGE TAG: H09148
 MODIFIED ENGINEERING NOTE 66.
 MODIFIED EQUIPMENT OR CIRCUIT DATA FOR LISTS 100, 110C, 110D, 110E, 110F, 110G, 200, 201, 204.
 ADDED ENGINEERING NOTE 87.
 MODIFIED TABLE A LISTS 300, 301, 304 TO REMOVE NOTE 66 AND ADD NOTE 87.
- ORIG ISS: 12/19/96 NDD NBR: WS0000252 CHANGE CLASS: MF
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| DRAFT: LMS | ENGR: MLA | SUPV: BTR | CERTIFIED: 09/06/00 | ISSUE: 16 |
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- ADDED CLEI E5MQAHLA TO STOCKLIST ITEM 1100 PER CN C04525NW.
- ORIG ISS: 12/19/96 NDD NBR: C04525NW CHANGE CLASS: AC
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| DRAFT: LMS | ENGR: LMS | SUPV: BTR | CERTIFIED: 10/24/00 | ISSUE: 17 |
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- MODIFY STOCKLIST LINES 1130 AND 1210 TO ADD CLEI E5PQA3AA, MAKING E5PQ893A THE FUNCTIONAL EQUIVALENT.
- ORIG ISS: 12/19/96 NDD NBR: CA4501NW CHANGE CLASS: AC
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| DRAFT: LMS | ENGR: LMS | SUPV: BTR | CERTIFIED: 03/02/01 | ISSUE: 18 |
|------------|-----------|-----------|---------------------|-----------|
- CHANGE TAG: H09373
 ADDED SL ITEMS 2002, 2012, 2022, 2032, 2042, 2052, 2062, 2072, 2082, 2092, 2102, 2112, 2122, 2132, 2142, 2152, 2162, 2172, 2182, 2192, 2202, 1412, 1414, 1422, 1424, 1432, 1434, 1442, 1444, 1452, 1454, 1462, 1464, 1472, 1474, 1482, 1484, 1492, 1494, 1502, 1504, 1602, 1604, 1612, 1614, 1622, 1624, 1632, 1634, 1642, 1644, 1662, 1664, 1672, 1674, 1682, 1684, 1692, 1694, 1702, 1704, 1722, 1724, 1732, 1734, 1742, 1744, 1752, 1754, 1762, 1764, 1312, 1512, 1902, 1912, 1922, 1522, 1524, 1532, 1534, 1542, 1544, 1552, 1554, 1802, 1804, 1812, 1814, 1822, 1824, 1832, 1834, 1842, 1844, 1852, 1854.
- ORIG ISS: 12/19/96 NDD NBR: WS0100670 CHANGE CLASS: MF
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| DRAFT: NJL | ENGR: NJL | SUPV: AJW | CERTIFIED: 05/21/01 | ISSUE: 19 |
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- CHANGE TAG: H09373
 ADDED SL ITEMS 1416, 1426, 1428, 1436, 1446, 1448, 1456, 1466, 1476, 1478, 1486, 1495, 1498, 1506, 1616, 1636, 1666, 1676, 1678, 1686, 1696, 1698, 1706, 1736, 1756
- ORIG ISS: 12/19/96 NDD NBR: WS0100670 CHANGE CLASS: MF
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| DRAFT: NJL | ENGR: NJL | SUPV: AJW | CERTIFIED: 05/21/01 | ISSUE: 20 |
|------------|-----------|-----------|---------------------|-----------|
- CHANGE TAG: H09392
 ADDED SL ITEMS 1314, 1514, 1904, 1914, AND 1924
- ORIG ISS: 12/19/96 NDD NBR: WS0100692 CHANGE CLASS: ME
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| DRAFT: NJL | ENGR: NJL | SUPV: AJW | CERTIFIED: 06/04/01 | ISSUE: 21 |
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ISSUE NOTES (CONTINUED)

- H8661 - IN TABLE A; RERATE LISTS 1,2,3,4,5,6,7,8,202A,203,205A,206,302A,303,305A,306 TO DA.
 PI 9.1 - IN TABLE A; IN LISTS 322,323,324,325,326,327,328,329 CHANGE "EQUIPMENT OR CIRCUIT" DATA COLUMN AS FOLLOWS: DELETE LISTS 5A,CP; ADD 52.
- ORIG ISS: 12/19/96 NDD NBR: NDD5D020NW-151 CHANGE CLASS: ME
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| DRAFT: PMR | ENGR: PMR | SUPV: RJP | CERTIFIED: 06/07/99 | ISSUE: 10 |
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- H8715 - IN TABLE A: RERATE LISTS 11,11E,12,13,13E,14 TO DA; ADD LISTS 11A,11AE,12A,13A,13AE,14A,15,15E,16,21,21E,22,22E,23,23E. IN LIST 102, ADD "OF BAYS 5&6 OR FOR THE SINGLE AND DUAL MMP COMMUNITIES OF ANY OF THE OTHER BAYS".
 IN NOTES: ADD ENG NOTES 81,82,83,84,85; IN NOTE 62, LINEOUT "ALWAYS" AND ADD "ONLY IN BAY 5&6" LINEOUT "THE DUAL MMP" & "MAY" AND ADD "ALL OTHER MSPU3 COMMUNITIES (SINGLE OR DUAL) MUST"; IN NOTE 66, ADD "AND BAYS 3&8 EQL 032 FOR A 6-BAY CM2"; IN NOTE 67, LINEOUT "ORDERED" AND ADD "EQUIPPED", AND CHANGE "TN1681" TO "TN1681".
 IN STOCKLIST: ADD ITEMS 2000,2010,2020,2030,2040,2050,2060,2070,2080,2090,2100,2110,2120,2130,2140.
 IN GRAPHIC SHEETS: ON SHEET B1, ADD "DA" TO LISTS 11,11E,12, AND 13,13E,14; ON SHEET B3 NOTE (A), REMOVE "FOR L-11(E) THROUGH L-14"; IN NOTE (B), REMOVE "FOR L-51(E) THROUGH L-93" AND ADD "FOR BAYS 0 TO 4 AND 7 TO 11"; IN NOTE #, ADD "IN BAYS 5&6. IT IS OPTIONAL IN ALL OTHER BAYS. IT CAN BE ORDERED USING L-102".
 IN TABLE D1, REMOVE LISTS 11,11E,12,13,13E,14 AND ADD LISTS 11A, 11AE,12A,13A,13AE,14A,15,15E,16,21,21E,22,22E,23,23E AND ALL ASSOCIATED INFORMATION, SHEETS B4&B5 REORGANIZED TO INCORPORATE NEW INFO; ADD CONVERSION AND NEW START CONFIGURATION (2,4,6-BAY) GRAPHICS TO NEW SHEETS B6,B7,B8,B9. UPDATE SHEET INDEX.
- ORIG ISS: 12/19/96 NDD NBR: NDD5D020NW-154 CHANGE CLASS: ME
- | | | | | |
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| DRAFT: PMR | ENGR: PMR | SUPV: RJP | CERTIFIED: 08/06/99 | ISSUE: 11 |
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- C94512 - IN MANUFACTURING NOTES; ADD NOTE 13.
 IN STOCKLIST; ADD NOTE 13 REFERENCE TO ITEMS 1093,1094,1095,1096,1097,1098,1410,1420,1430,1440,1450,1460,1470,1480,1490,1500,1600,1610,1620,1630,1640,1660,1670,1680,1690,1700,1720,1730,1740,1750,1760.
- ORIG ISS: 12/19/96 CHANGE CLASS: AU
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| DRAFT: PMR | ENGR: PMR | SUPV: RJP | CERTIFIED: 09/10/99 | ISSUE: 12 |
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- H8730 - IN TABLE A; ADD LISTS 24,24E,25,25E,26,26E.
 IN STOCKLIST; ADD ITEMS 2150,2160,2170,2180,2190,2200.
 IN GRAPHIC SHEETS; ADD NEW START CONFIGURATION (8,10,12-BAY) GRAPHICS TO NEW SHEETS B10,B11,B12; ADD LISTS 24,24E,25,25E, 26,26E TO TABLE D1; UPDATE SHEET INDEX.
 IN ENGINEERING NOTE 62, ADD "MSPU3".
- ORIG ISS: 12/19/96 NDD NBR: NDD5D020NW-155 CHANGE CLASS: ME
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| DRAFT: PMR | ENGR: PMR | SUPV: RJP | CERTIFIED: 09/10/99 | ISSUE: 13 |
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- H8813 - IN TABLE A: RERATE LISTS A,B TO DA; ADD LISTS A30,A40, A50,A60,A70,A80,A90,A100,A110,A120,A130,A140,A150,A160,A170,A180.
 IN ENGINEERING NOTES: ADD NOTE 86, LINEOUT NOTE 55.
 IN STOCKLIST: ADD ITEMS 3000,3010,3020,3030,3040,3050,3060,3070,3080,3090,3100,3110,3120,3130,3140,3150.
- ORIG ISS: 12/19/96 NDD NBR: NDD5D020NW-157 CHANGE CLASS: ME
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| DRAFT: PMR | ENGR: PMR | SUPV: RJP | CERTIFIED: 12/17/99 | ISSUE: 14 |
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BT13

5ESS SWITCHING EQUIPMENT SPECIFICATION
 FOR COMMUNICATION MODULE GROWTH
 PACKAGES

DWG SIZE C2	ISSUE 21
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ENGINEERING NOTES

***** CONTINUED *****

SM | CM2 BAY 9 | 50 FEET | FJ TO AU FUSE/FILTER UNIT

80. THE FOLLOWING COMMUNICATION MULT CABLES ARE INCLUDED. ENGINEERING MUST PROVIDE ANY ALTERNATE OR ADDITIONAL STAMPING INFORMATION. THESE COMMUNICATION MULT CABLES PERTAIN TO BAY 0.

CLASSIC CABINET			
FROM	TO	LENGTH	PURPOSE
CM2 BAY 3	CM2 BAY 0	15 FEET	FJ TO BJ FUSE/FILTER UNIT
CM2 BAY 3	CM2 BAY 0	15 FEET	FJ TO FJ FUSE/FILTER UNIT
CM2 BAY 0	SM001	50 FEET	FJ TO FJ FUSE/FILTER UNIT
CM2 BAY 0	SM001	50 FEET	FJ TO AU FUSE/FILTER UNIT

GLOBAL CABINET			
FROM	TO	LENGTH	PURPOSE
CM2 BAY 3	CM2 BAY 0	15 FEET	FJ TO FJ FUSE/FILTER UNIT
CM2 BAY 0	SM001	50 FEET	FJ TO FJ FUSE/FILTER UNIT
CM2 BAY 0	SM001	50 FEET	FJ TO AU FUSE/FILTER UNIT

81. IF ORDERING A QUICKSTART OFFICE, THE X-DIMENSION SCANNER CABLES, ED5D585-11, WILL BE PROVIDED. IF NOT ORDERING A QUICKSTART OFFICE, THE X-DIMENSION SCANNER CABLES, ED5D585-11, WILL NEED TO BE ORDERED CUSTOM.
82. QLI2 (TN1681) CIRCUIT PACKS ARE NOT EQUIPPED TO ALLOW TOTALLY OPTIONAL EQUIPAGE. QLI2'S AND TRANSCIVERS SHOULD BE ORDERED PER LIST 304.
83. QLI2 (TN1681) CIRCUIT PACKS ARE FULLY EQUIPPED IN THE INNER BAYS. NO QLI2'S ARE EQUIPPED IN THE OUTER MOST BAYS TO ALLOW OPTIONAL EQUIPAGE OF THESE OUTER BAYS. QLI2'S AND TRANSCIVERS SHOULD BE ORDERED PER LIST 304.
84. QLPS (TN1682) CIRCUIT PACKS ARE ALWAYS EQUIPPED IN BAYS 5&6 EQL 080.
85. IF NOT QUICKSTART, X-DIMENSION COMM MULT CABLES, ED5D500-21, ARE NOT INCLUDED AND SHOULD BE ORDERED CUSTOM.
86. NCT LINKS ARE ORDERED AS LIST A30 THROUGH A180 WHERE THE NUMBER SUFFIX INDICATES THE LENGTH IN FEET FROM 30 TO 180 FEET IN INCREMENTS OF 10 FEET. EACH LIST INCLUDES 4 FIBER OPTIC LIGHTGUIDE CABLES (2 BLUE AND 2 WHITE) OF LENGTH SPECIFIED BY THE LIST SUFFIX. A MINIMUM TOTAL QUANTITY OF 2 MUST BE ORDERED FOR EACH SM.
87. WHEN EQUIPPING THIS LIST IN MODEL CABINETS, REFER TO SHEETS B6 THROUGH B12 OR ENGINEERING NOTES ASSOCIATED WITH MODEL CABINET LIST, FOR LOCATION OF QLPS (TN1682).
500. THIS LIST OR GROUP MAY BE SPECIFIED AS A MAIN OR SUPPLEMENTAL ITEM.

ENGINEERING NOTES

***** CONTINUED *****

73. FOR BAYS 1 & 10 CABINET GROWTH: IF EXISTING CM2 BAYS ARE EQUIPPED WITH TMSU2 UNITS, THEN EVERY TMSU2 WILL REQUIRE AN ADDITIONAL KBN4 WHEN BAYS 1 AND 10 ARE GROWN. LIST 307 ORDERS 4 KBN4 CIRCUIT PACKS TO SUPPORT 1 PAIR OF CABINETS. ORDER AS MANY LIST 307 AS THERE ARE PAIRS OF CABINETS EQUIPPED WITH TMSU2. IF THE EXISTING CM2 CABINETS ARE EQUIPPED WITH KBN1 (AND NOT KBN4) CIRCUIT PACKS, THEN ORDER AN ADDITIONAL QUANTITY OF LIST 307 TO REPLACE ALL KBN1 CIRCUIT PACKS. A CM2 MUST HAVE EITHER ALL KBN1 OR ALL KBN4 IN THE TMSU2 UNITS.

CABINETS W/TMSU2	TOTAL QTY L307 IF KBN1 IN EXISTING CABINETS	TOTAL QTY L307 IF KBN4 IN EXISTING CABINETS
5&6 ONLY	3	1
5&6, 4&7	6	2
5&6, 4&7, 3&8	9	3
5&6, 4&7, 3&8, 2&9	12	4

74. ALL MSPU3 UNITS ARE CABLED TO SUPPORT EITHER SINGLE OR DUAL MMP'S. ONE SINGLE MMP IS EQUIPPED IN EACH UNIT. ADDITIONAL MMP'S MAY BE ORDERED PER LIST 100. THE POWER AND CONTROL & DISPLAY CIRCUIT PACKS FOR THE SINGLE MMP COMMUNITIES ARE ALWAYS EQUIPPED. THE POWER AND CONTROL & DISPLAY CIRCUIT PACKS FOR THE DUAL MMP COMMUNITIES MAY BE ORDERED PER LIST 102.
75. ALL MATERIAL REQUIRED TO INSTALL THESE UNITS IN AN EXISTING CABINET IS INCLUDED IN THIS UNIT KIT. EXAMPLES OF SUCH MATERIAL ARE CABLES, CABLE SUPPORTS, SCREWS FOR CLASSIC AND GLOBAL CABINETS AND FUSES. THE CABLE ASSEMBLIES REQUIRED TO CONNECT THESE UNITS TO THE J5D003BJ FUSE/FILTER AND THE J5D003FJ MFFU ARE BOTH INCLUDED IN THE NON-APR VERSION OF THIS KIT. THE APR VERSION OF THIS KIT INCLUDES THE CABLES FOR THE J5D003FJ MFFU (BUT NOT FOR THE J5D003BJ).
76. REFER TO WEB SITE [HTTP://055EZ.OC.LUCENT.COM/EZ](http://055EZ.OC.LUCENT.COM/EZ) FOR THE CURRENT CONFIGURATION OF EACH MODEL AND ORDER-SPECIFIC CONFIGURATION DETAILS. FOR THE CURRENT CONFIGURATION, SELECT "5ESS STANDARD APPLICATIONS", "DETAILED LISTS", "CURRENT STANDARD APPLICATION CONFIGURATIONS". THEN SELECT "DISPLAY SPEC" FOR THE SPECIFIC DRAWING AND LIST OF INTEREST. FOR THE ORDER-SPECIFIC CONFIGURATION DETAILS, SELECT "5ESS STANDARD APPLICATIONS", "DETAILED LISTS", "BSPEC FOR ORDER SPECIFIC STANDARD APPLICATION". THEN SELECT THE ORDER NUMBER FOR WHICH THE SPECIFIC CONFIGURATION INFORMATION IS NEEDED.
77. IF NOT ALREADY PRESENT IN BAYS 5 & 6, THE THIRD IOMI (UN25B) CIRCUIT PACK IS REQUIRED WITH THE ADDITION OF THE FIRST MMP IN BAYS 2 & 9. THESE CIRCUIT PACKS CAN BE ORDERED BY USING J5D020Z-1, LIST 101.
78. IF NOT ALREADY PRESENT IN BAYS 5 & 6, THE FOURTH IOMI (UN25B) CIRCUIT PACK IS REQUIRED WITH THE ADDITION OF THE FIRST MMP IN BAYS 1 & 10. THESE CIRCUIT PACKS CAN BE ORDERED BY USING J5D020Z-1, LIST 101.
79. THE FOLLOWING COMMUNICATION MULT CABLES ARE INCLUDED. ENGINEERING MUST PROVIDE ANY ALTERNATE OR ADDITIONAL STAMPING INFORMATION. THESE COMMUNICATION MULT CABLES PERTAIN TO BAY 9.

CLASSIC CABINET			
FROM	TO	LENGTH	PURPOSE
CM2 BAY 9	DIST FRAME	50 FEET	FJ TO FJ FUSE/FILTER UNIT
CM2 BAY 6	CM2 BAY 9	15 FEET	FJ TO BJ FUSE/FILTER UNIT
CM2 BAY 9	CM2 BAY 6	15 FEET	FJ TO FJ FUSE/FILTER UNIT
RN 0	CM2 BAY 9	50 FEET	FJ TO FJ FUSE/FILTER UNIT
SM	CM2 BAY 9	50 FEET	FJ TO AU FUSE/FILTER UNIT

GLOBAL CABINET			
FROM	TO	LENGTH	PURPOSE
CM2 BAY 9	DIST FRAME	50 FEET	FJ TO FJ FUSE/FILTER UNIT
CM2 BAY 9	CM2 BAY 6	15 FEET	FJ TO FJ FUSE/FILTER UNIT
RN 0	CM2 BAY 9	50 FEET	FJ TO FJ FUSE/FILTER UNIT

CONTINUED TO THE LEFT

ENGINEERING NOTES

***** CONTINUED *****

(L-102). EXAMPLE:

4 L-100
BAY 5 & 6
SINGLE COMM
POS 2-4
DUAL COMM
POS 3

66. QLPS (TN1682) CIRCUIT PACKS ARE ALWAYS EQUIPPED IN BAYS 5 AND 6 EQL 032 FOR A 2-BAY CM2, AND BAYS 4 AND 7 EQL 032 FOR 4-BAY CM2, AND BAYS 3 AND 8 EQL 032 FOR A 6-BAY CM2.
67. IF ALL OF THE TMSU3 UNITS (FOR A PAIR OF ASSOCIATED CABINETS) ARE ORDERED\$ EQUIPPED WITH TN1681 CIRCUIT PACKS AND NO TN888 CIRCUIT PACKS, THEN THE DESIGNATION LABEL WILL SHOW ALL TN1681'S, EVEN FOR UNEQUIPPED POSITIONS. IF ALL OF THE TMSU3 UNITS (FOR A PAIR OF ASSOCIATED CABINETS) ARE ORDERED\$ EQUIPPED WITH TN888 CIRCUIT PACKS AND NO TN1681 CIRCUIT PACKS, THEN THE DESIGNATION LABEL WILL SHOW ALL TN888 CIRCUIT PACKS, EVEN FOR UNEQUIPPED POSITIONS. IF THERE IS A MIXTURE OF TN1681'S AND TN888'S WITHIN A UNIT, THEN THE DESIGNATION LABELS WILL BE SHOWN EXACTLY AS EQUIPPED.
68. IF THE FIRST MMP IN THE MSPU3 LOCATED IN BAYS 4 & 7 IS TO BE EQUIPPED, THE SECOND IOMI BOARD (UN25B) IN BAYS 5 & 6 IS REQUIRED. THESE CIRCUIT PACKS ARE NOT INCLUDED IN THIS LIST BUT CAN BE OBTAINED BY ORDERING J5D020Z-1, LIST 101.
69. EXCEPT WHERE SPECIFICALLY NOTED, ALL EQUIPMENT TO BE EQUIPPED IN PREVIOUSLY INSTALLED BAYS, BUT WHICH IS REQUIRED TO GROW THESE BAYS IS INCLUDED IN THE KIT.
70. TO SUPPORT ALL POSSIBLE FUSE FILTER UNITS EQUIPPED IN THE PREVIOUS BAYS, THE KIT INCLUDES ALARM MULT CABLES FOR BOTH J5D003BJ AND J5D003FJ FUSE FILTER UNITS.
71. THE FOLLOWING COMMUNICATION MULT CABLES ARE INCLUDED. ENGINEERING MUST PROVIDE ANY ALTERNATE OR ADDITIONAL STAMPING INFORMATION. THESE COMMUNICATION MULT CABLES PERTAIN TO BAY 3.

CLASSIC CABINET			
FROM	TO	LENGTH	PURPOSE
CM2 BAY 6	CM2 BAY 3	15 FEET	FJ TO BJ FUSE/FILTER UNIT
CM2 BAY 6	CM2 BAY 3	15 FEET	FJ TO FJ FUSE/FILTER UNIT
CM2 BAY 3	SM001	50 FEET	FJ TO FJ FUSE/FILTER UNIT
CM2 BAY 3	SM001	50 FEET	FJ TO AU FUSE/FILTER UNIT

GLOBAL CABINET			
FROM	TO	LENGTH	PURPOSE
CM2 BAY 6	CM2 BAY 3	15 FEET	FJ TO FJ FUSE/FILTER UNIT
CM2 BAY 3	SM001	50 FEET	FJ TO BJ FUSE/FILTER UNIT
CM2 BAY 3	SM001	50 FEET	FJ TO AU FUSE/FILTER UNIT

72. FOR BAYS 3 & 8 CABINET GROWTH: IF EXISTING CM2 BAYS ARE EQUIPPED WITH TMSU2 UNITS, THEN EVERY TMSU2 WILL REQUIRE AN ADDITIONAL KBN4 WHEN BAYS 3 AND 8 TMSU3 ARE GROWN. LIST 307 ORDERS 4 KBN4 CIRCUIT PACKS TO SUPPORT 1 PAIR OF CABINETS. ORDER AS MANY LIST 307 AS THERE ARE PAIRS OF CABINETS EQUIPPED WITH TMSU2. IF THE EXISTING CM2 CABINETS ARE EQUIPPED WITH KBN1 (AND NOT KBN4) CIRCUIT PACKS, THEN ORDER AN ADDITIONAL QUANTITY OF LIST 307 TO REPLACE ALL KBN1 CIRCUIT PACKS. A CM2 MUST HAVE EITHER ALL KBN1 OR ALL KBN4 IN THE TMSU2 UNITS.

CABINETS W/TMSU2	TOTAL QTY L307 IF KBN1 IN EXISTING CABINETS	TOTAL QTY L307 IF KBN4 IN EXISTING CABINETS
5&6 ONLY	2	1
5&6, 4&7	4	2

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5ESS SWITCHING EQUIPMENT SPECIFICATION
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PACKAGES

DWG SIZE C2
ISSUE 21

LUCENT TECHNOLOGIES INC J5D020Z-1

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TABLE A-FEATURES												
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
APPARATUS REQUIRED TO INTERFACE WITH CML TMSU. PROVIDES ODL50 TRANSCEIVERS (982TSC) FOR EVEN NUMBERED SM'S 4 THROUGH 30. (J5D001AB-1 L-3B, MAXIMUM 14 LIST 3B'S.) DA EFF:06/04/99 FE/RA:NONE	54	DA	1	1	J5D001C-1	3B						
APPARATUS REQUIRED TO INTERFACE WITH CML TMSU. PROVIDES ODL50 TRANSCEIVERS (982TRC) FOR ODD NUMBERED SM'S 3 THROUGH 29. (J5D001AB-1 L-R, MAXIMUM 14 LIST R'S) DA EFF:06/04/99 FE/RA:NONE	54	DA	2	1	J5D001C-1	BD						
APPARATUS REQUIRED TO PROVIDE CML TMSU DATA LINKS FOR THE 5TH, 9TH, 13TH, 17TH, 21ST, 25TH, OR 29TH SM. (J5D001AB-1 L-4A, MAXIMUM 7 L-4A'S.) DA EFF:06/04/99 FE/RA:NONE	54	DA	3	1	J5D001C-1	4A						
APPARATUS REQUIRED TO PROVIDE CML TMSU DATA LINKS FOR THE 3RD, 11TH, 19TH, OR 27TH SM. (J5D001AB-1 L-2A, MAXIMUM 4 L-2A'S.) DA EFF:06/04/99 FE/RA:NONE	54	DA	4	1	J5D001C-1	2A						
APPARATUS REQUIRED TO PROVIDE CML TMSU DATA LINKS FOR THE 7TH OR 23RD SM. (J5D001AB-1 L-5A, MAXIMUM 2 L-5A'S.) DA EFF:06/04/99 FE/RA:NONE	54	DA	5	1	J5D001C-1	5A						
APPARATUS REQUIRED TO PROVIDE CML TMSU DATA LINKS FOR THE 15TH SM. (J5D001AB-1 L-6A.) DA EFF:06/04/99 FE/RA:NONE	54	DA	6	1	J5D001C-1	6A						
APPARATUS REQUIRED TO PROVIDE CML MMP CIRCUIT PACKS FOR FOUR ADDITIONAL SM'S (SM'S 5-8, 13-16, 21-24, 29-32). (J5D006AD-1 L-3, MAXIMUM 1 L-3 PER J5D006AD-1 L-2, 5, OR 6.) DA EFF:06/04/99 FE/RA:NONE	54	DA	7	1	J5D006C-1	5						
APPARATUS REQUIRED TO PROVIDE CML MMP CIRCUIT PACKS FOR FOUR ADDITIONAL SM'S (SM'S 1-4, 9-12, 17-20, 25-28.) (J5D006AD-1 L-6&K, MAXIMUM 4 L-6 & 4 L-K.) DA EFF:06/04/99 FE/RA:NONE	54	DA	8	1 1	J5D006C-1 J5D006C-1	25 CD						
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 2-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (NON-EMC). THIS EQUIPMENT CAN BE USED IN NEW OR EXISTING (CONVERSION) OFFICE APPLICATIONS. (MINIMUM GENERIC - 5E10.1) DA EFF:08/06/99 RA:J5D020Z-1,L11A RA:J5D020Z-1,L21	56 60 61 62 63 66 67 76	DA	11									

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	
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 2-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, A MEDIUM STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (NON-EMC). THIS EQUIPMENT IS USED IN EXISTING (CONVERSION) OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E10.1) REPL:J5D020Z-1,L11	56 59 60 61 62 63 66 67 76 85		11A									
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 2-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED EMC CABINET. THIS EQUIPMENT CAN BE USED IN NEW OR EXISTING (CONVERSION) OFFICE APPLICATIONS. (MINIMUM GENERIC - 5E10.1) DA EFF:08/06/99 RA:J5D020Z-1,L11AE RA:J5D020Z-1,L21E	56 60 61 62 63 66 67 76	DA	11E									
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 2-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, AND A HIGH STABILITY 24 CHANNEL NETWORK CLOCK. THE EQUIPMENT IS MOUNTED IN A CLASSIC-STYLED CABINET. THIS EQUIPMENT CAN ONLY BE USED IN EXISTING (CONVERSION) OFFICE APPLICATIONS. (MINIMUM GENERIC 5E10.1) DA EFF:08/06/99 RA:J5D020Z-1,L12A	56 60 61 62 63 66 67 76	DA	12									
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 2-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, AND A MEDIUM STABILITY 24 CHANNEL NETWORK CLOCK. THE EQUIPMENT IS MOUNTED IN A CLASSIC-STYLED CABINET. THIS EQUIPMENT IS USED IN EXISTING (CONVERSION) OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC 5E10.1) REPL:J5D020Z-1,L12	56 59 60 61 62 63 66 67 76 85		12A									

TABLE-A CONTINUED

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DWG SIZE C2 ISSUE 21

J5D020Z-1

LUCENT TECHNOLOGIES INC J5D020Z-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, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 4-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, A HIGH STABILITY NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN 5ESS-2000 NON-EMC STYLED CABINET. THIS EQUIPMENT CAN BE USED IN NEW OR EXISTING (CONVERSION) OFFICE APPLICATIONS. (MINIMUM GENERIC - 5E10.1) DA EFF:08/06/99 RA:J5D020Z-1,L13A RA:J5D020Z-1,L22	56 60 61 62 63 66 67 76	DA	13								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 4-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, A MEDIUM STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (NON-EMC). THIS EQUIPMENT IS USED IN EXISTING (CONVERSION) OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E10.1) REPL:J5D020Z-1,L13	56 59 60 61 62 63 66 67 76 85		13A								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 4-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, A HIGH STABILITY NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED EMC CABINET. THIS EQUIPMENT CAN BE USED IN NEW OR EXISTING (CONVERSION) OFFICE APPLICATIONS. (MINIMUM GENERIC 5E10.1) DA EFF:08/06/99 RA:J5D020Z-1,L13AE RA:J5D020Z-1,L22E	56 60 61 62 63 66 67 76	DA	13E								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 4-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, AND A HIGH STABILITY NETWORK CLOCK. THE EQUIPMENT IS MOUNTED IN A CLASSIC-STYLED CABINET. THIS EQUIPMENT CAN ONLY BE USED IN EXISTING (CONVERSION) OFFICE APPLICATIONS. (MINIMUM GENERIC 5E10.1) DA EFF:08/06/99 RA:J5D020Z-1,L14A	56 60 61 62 63 66 67 76	DA	14								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 4-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, AND A MEDIUM STABILITY 24 CHANNEL NETWORK CLOCK. THE EQUIPMENT IS MOUNTED IN A CLASSIC-STYLED CABINET. THIS EQUIPMENT IS USED IN EXISTING (CONVERSION) OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC 5E10.1) REPL:J5D020Z-1,L14	56 59 60 61 62 63 66 67 76 85		14A								

TABLE-A CONTINUED

J5D020Z-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
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 6-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, A MEDIUM STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (NON-EMC). THIS EQUIPMENT IS USED IN EXISTING (CONVERSION) OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 66 67 76 85		15								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 6-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, A MEDIUM STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (EMC). THIS EQUIPMENT IS USED IN EXISTING (CONVERSION) OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 66 67 76 85		15E								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 6-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, ONE QGP, QLPS, A 36 MB CMP, AND A MEDIUM STABILITY 24 CHANNEL NETWORK CLOCK. THE EQUIPMENT IS MOUNTED IN A CLASSIC-STYLED CABINET. THIS EQUIPMENT IS USED IN EXISTING (CONVERSION) OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 66 67 76 85		16								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 2-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, TWO QGP'S, QLPS, A 52 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (NON-EMC). THIS EQUIPMENT IS USED IN NEW OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E14.1) REPL:J5D020Z-1,L11	56 60 62 63 67 76 81 82 84 85		21								

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DWG SIZE C2 ISSUE 21

LUCENT TECHNOLOGIES INC J5D020Z-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, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 2-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, TWO QGP'S, QLPS, A 52 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (EMC). THIS EQUIPMENT IS USED IN NEW OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E14.1) REPL:J5D020Z-1,L11E	56 60 62 63 67 76 81 82 84 85		21E								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 4-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, TWO QGP'S, QLPS, A 52 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (NON-EMC). THIS EQUIPMENT IS USED IN NEW OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E14.1) REPL:J5D020Z-1,L13	56 60 62 63 67 76 81 83 84 85		22								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 4-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, TWO QGP'S, QLPS, A 52 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (EMC). THIS EQUIPMENT IS USED IN NEW OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E14.1) REPL:J5D020Z-1,L13E	56 60 62 63 67 76 81 83 84 85		22E								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 6-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, TWO QGP'S, QLPS, A 52 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (NON-EMC). THIS EQUIPMENT IS USED IN NEW OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E14.1) REPL:NONE	56 60 62 63 67 76 81 83 84 85		23								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 6-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, TWO QGP'S, QLPS, A 52 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (EMC). THIS EQUIPMENT IS USED IN NEW OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E14.1) REPL:NONE	56 60 62 63 67 76 81 83 84 85		23E								

TABLE-A CONTINUED

J5D020Z-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
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 8-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, TWO QGP'S, QLPS, A 52 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (NON-EMC). THIS EQUIPMENT IS USED IN NEW OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E14.1) REPL:NONE	56 60 62 63 67 76 81 83 84 85		24								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 8-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, TWO QGP'S, QLPS, A 52 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (EMC). THIS EQUIPMENT IS USED IN NEW OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E14.1) REPL:NONE	56 60 62 63 67 76 81 83 84 85		24E								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 10-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2(CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, TWO QGP'S, QLPS, A 52 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (NON-EMC). THIS EQUIPMENT IS USED IN NEW OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E14.1) REPL:NONE	56 60 62 63 67 76 81 83 84 85		25								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 10-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2(CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, TWO QGP'S, QLPS, A 52 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (EMC). THIS EQUIPMENT IS USED IN NEW OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E14.1) REPL:NONE	56 60 62 63 67 76 81 83 84 85		25E								

TABLE-A CONTINUED

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BT13

5ESS SWITCHING EQUIPMENT SPECIFICATION
FOR COMMUNICATION MODULE GROWTH
PACKAGES

DWG SIZE C2 ISSUE 21

LUCENT TECHNOLOGIES INC J5D020Z-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, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 12-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2(CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, TWO QGP'S, QLPS, A 52 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (NON-EMC). THIS EQUIPMENT IS USED IN NEW OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E14.1) REPL:NONE	56 60 62 63 67 76 81 83 84 85		26								
EQUIPMENT, APPARATUS, AND INTRA-CABINET CABLES REQUIRED TO PROVIDE A 12-BAY DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2(CM2) EQUIPPED WITH ALL IOMI'S, ONE SINGLE MMP, TWO QGP'S, QLPS, A 52 MB CMP, A HIGH STABILITY 24 CHANNEL NETWORK CLOCK, AND APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET (EMC). THIS EQUIPMENT IS USED IN NEW OFFICE APPLICATIONS ONLY. (MINIMUM GENERIC - 5E14.1) REPL:NONE	56 60 62 63 67 76 81 83 84 85		26E								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- & INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 4 & 7 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (NON-EMC, NON-APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 68 69 76		51								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- & INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 4 & 7 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED EMC CABINET. (EMC, NON-APR) (MINIMUM GENERIC 5E10.1) REPL:NONE	56 59 60 61 62 63 67 68 69 76		51E								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- & INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 4 & 7 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (NON-EMC, APR) (MINIMUM GENERIC 5E10.1) REPL:NONE	56 59 60 61 62 63 67 68 69 76		52								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- & INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 4 & 7 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED EMC CABINET. (EMC, APR) (MINIMUM GENERIC 5E10.1) REPL:NONE	56 59 60 61 62 63 67 68 69 76		52E								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- & INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 4 & 7 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A CLASSIC STYLED CABINET. (NON-EMC, NON-APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 68 69 70 71 76		53								

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
EQUIPMENT, APPARATUS, AND CABLING (INTRA- & INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 3 & 8 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (NON-EMC, NON-APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 68 69 71 72 76		61								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- & INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 3 & 8 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED EMC CABINET. (EMC, NON-APR) (MINIMUM GENERIC 5E10.1) REPL:NONE	56 59 60 61 62 63 67 68 69 71 72 76		61E								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- & INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 3 & 8 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (NON-EMC, APR) (MINIMUM GENERIC 5E10.1) REPL:NONE	56 59 60 61 62 63 67 68 69 71 72 76		62								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- & INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 3 & 8 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED EMC CABINET. (EMC, APR) (MINIMUM GENERIC 5E10.1) REPL:NONE	56 59 60 61 62 63 67 68 69 71 72 76		62E								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- & INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 3 & 8 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A CLASSIC STYLED CABINET. (NON-EMC, NON-APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 68 69 70 71 72 76		63								

TABLE-A CONTINUED

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5ESS SWITCHING EQUIPMENT SPECIFICATION FOR COMMUNICATION MODULE GROWTH PACKAGES	
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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, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 2 & 9 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (NON-EMC, NON-APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 71 76		71								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 2 & 9 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (EMC, NON-APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 71 76		71E								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 2 & 9 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (NON-EMC, APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 71 76		72								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 2 & 9 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (EMC, APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 71 76		72E								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 2 & 9 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A CLASSIC STYLED CABINET. (NON-EMC, NON-APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 70 71 76		73								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 1 & 10 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (NON-EMC, NON-APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 73 76		81								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 1 & 10 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (EMC, NON-APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 73 76		81E								

TABLE-A CONTINUED

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		RAT-ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 1 & 10 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (NON-EMC, APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 73 76		82								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 1 & 10 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (EMC, APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 73 76		82E								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 1 & 10 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A CLASSIC STYLED CABINET. (NON-EMC, NON-APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 70 73 76		83								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 0 & 11 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (NON-EMC, NON-APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 71 76		91								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 0 & 11 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2). THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (EMC, NON-APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 71 76		91E								
EQUIPMENT, APPARATUS, AND CABLING (INTRA- AND INTER-CABINET) REQUIRED TO PROVIDE GROWTH BAYS 0 & 11 FOR A DUAL FABRIC 5ESS COMMUNICATION MODULE MODEL 2 (CM2) EQUIPPED WITH APR. THE EQUIPMENT IS MOUNTED IN A 5ESS-2000 STYLED CABINET. (NON-EMC, APR) (MINIMUM GENERIC - 5E10.1) REPL:NONE	56 59 60 61 62 63 67 69 71 76		92								

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5ESS SWITCHING EQUIPMENT SPECIFICATION
FOR COMMUNICATION MODULE GROWTH
PACKAGES

DWG SIZE C2 ISSUE 21

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 TO PROVIDE A SINGLE FABRIC CM2 WITH NCT LINK CIRCUIT PACKS (TN888, KBN2, 410AA2) AND TRANSCEIVERS (982TTC) FOR TMSU2 IN BAYS 5 & 6 TO SUPPORT A CLASSIC (NON-TRM) SM. REPL:J5D020Z-1,L202 DA EFF:06/04/99 FE/RA:NONE	54	DA	202A	1	J5D020A-2(TMSU2)	21A						
				1	J5D020A-2	17						
				1	J5D020A-2	15						
				1	J5D020A-2	CG						
APPARATUS REQUIRED TO PROVIDE A SINGLE FABRIC CM2 WITH NCT LINK CIRCUIT PACKS (TN888, KBN2) AND TRANSCEIVERS (982TTC) FOR TMSU2 IN BAYS 4 & 7 OR 3 & 8 TO SUPPORT A CLASSIC (NON-TRM) SM. DA EFF:06/04/99 FE/RA:NONE	54	DA	203	1	J5D020B-1(TMSU2)	37C						
				1	J5D020B-1	7B						
				1	J5D020B-1	4A						
				1	J5D020B-1	PP						
				1	J5D020B-2(TMSU2)	8						
				1	J5D020B-2	6						
				1	J5D020B-2	PG						
APPARATUS REQUIRED TO PROVIDE A SINGLE FABRIC CM2 WITH NCT2 LINK CIRCUIT PACKS (TN1681) AND TRANSCEIVERS (BKF1) FOR TMSU2 OR TMSU3 TO SUPPORT SM2000 LINKS.	54		204	1	J5D020A-1(TMSU2)	44						
				1	J5D020A-1	FV						
				1	J5D020A-2(TMSU2)	19						
				1	J5D020A-2	CF						
				1	J5D020B-1(TMSU2)	53						
				1	J5D020B-1	PQ						
				1	J5D020B-2(TMSU2)	10						
				1	J5D020B-2	PF						
				1	J5D020A-1(TMSU3)	45						
				1	J5D020A-1	GA						
				1	J5D020A-2(TMSU3)	27						
				1	J5D020A-2	CY						
				1	J5D020B-1(TMSU3)	54						
				1	J5D020B-1	PV						
				1	J5D020B-2(TMSU3)	54						
				1	J5D020B-2	VZ						
APPARATUS REQUIRED TO PROVIDE A SINGLE FABRIC CM2 WITH NCT2 LINK CIRCUIT PACKS (TN1681, KBN2, 410AA) AND TRANSCEIVERS (BKF1) FOR TMSU2 IN BAYS 5 & 6 TO SUPPORT SM2000 LINKS. DA EFF:12/12/97 FE:J5D020Z-1,L205A	54	DA	205	1	J5D020A-1(TMSU2)	44						
				1	J5D020A-1	12B						
				1	J5D020A-1	FV						
				1	J5D020A-2(TMSU2)	21						
				1	J5D020A-2	19						
				1	J5D020A-2	15						
				1	J5D020A-2	CF						
APPARATUS REQUIRED TO PROVIDE A SINGLE FABRIC CM2 WITH NCT2 LINK CIRCUIT PACKS (TN1681, KBN2, 410AA2) AND TRANSCEIVERS (BKF1) FOR TMSU2 IN BAYS 5 & 6 TO SUPPORT SM2000 LINKS. REPL:J5D020Z-1,L205 DA EFF:06/04/99 FE/RA:NONE	54	DA	205A	1	J5D020A-2(TMSU2)	21A						
				1	J5D020A-2	19						
				1	J5D020A-2	15						
				1	J5D020A-2	CF						
APPARATUS REQUIRED TO PROVIDE A SINGLE FABRIC CM2 WITH NCT2 LINK CIRCUIT PACKS (TN1681, KBN2) AND TRANSCEIVERS (BKF1) FOR TMSU2 IN BAYS 4 & 7 OR 3 & 8 TO SUPPORT SM2000 LINKS. DA EFF:06/04/99 FE/RA:NONE	54	DA	206	1	J5D020B-1(TMSU2)	53						
				1	J5D020B-1	7B						
				1	J5D020B-1	PQ						
				1	J5D020B-2(TMSU2)	10						
				1	J5D020B-2	6						
				1	J5D020B-2	PF						
APPARATUS REQUIRED IN ADDITION TO LISTS (10-99)() OR LISTS 320-329 TO PROVIDE NCT LINK TRANSCEIVERS (982TTC) TO SUPPORT A CLASSIC (NON-TRM) SM ON A DUAL FABRIC CM2. (THIS LIST CAN BE ORDERED TO SUPPORT CLASSIC SM'S IN TMSU2.)	54 64 87 500		300	2	J5D020A-1(TMSU2)	29A						
				2	J5D020A-2(TMSU2)	22						
				2	J5D020B-1(TMSU2)	37C						
				2	J5D020B-2(TMSU2)	13						
				2	J5D020A-1(TMSU3)	29B						
				2	J5D020A-2(TMSU3)	30						
				2	J5D020B-1(TMSU3)	37D						
				2	J5D020B-2(TMSU3)	21						

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	
APPARATUS REQUIRED IN ADDITION TO LISTS (10-99)() OR LISTS 320-329 TO PROVIDE NCT LINK CIRCUIT PACKS (TN888) AND TRANSCEIVERS (982TTC) TO SUPPORT A CLASSIC (NON-TRM) SM ON A DUAL FABRIC CM2. (THIS LIST CAN BE ORDERED TO SUPPORT CLASSIC SM'S IN TMSU2)	54 64 66 87 500		301	2	J5D020A-1(TMSU2)	29A						
				2	J5D020A-1	11A						
				2	J5D020A-1	FW						
				2	J5D020A-2(TMSU2)	17						
				2	J5D020A-2	CG						
				2	J5D020B-1(TMSU2)	37C						
				2	J5D020B-1	4A						
				2	J5D020B-1	PP						
				2	J5D020B-2(TMSU2)	8						
				2	J5D020B-2	PG						
				2	J5D020A-1(TMSU3)	29B						
				2	J5D020A-1	11B						
				2	J5D020A-1	GB						
				2	J5D020A-2(TMSU3)	25						
				2	J5D020A-2	CZ						
				2	J5D020B-1(TMSU3)	37D						
				2	J5D020B-1	4B						
				2	J5D020B-1	PU						
				2	J5D020B-2(TMSU3)	16						
				2	J5D020B-2	PM						
APPARATUS REQUIRED TO PROVIDE A DUAL FABRIC CM2 WITH NCT LINK CIRCUIT PACKS (TN888, KBN2, 410AA) AND TRANSCEIVERS (982TTC) FOR TMSU2 IN BAYS 5 & 6 TO SUPPORT A CLASSIC (NON-TRM) SM. DA EFF:12/12/97 FE:J5D020Z-1,L302A	54	DA	302	2	J5D020A-1(TMSU2)	29A						
				2	J5D020A-1	12B						
				2	J5D020A-1	11A						
				2	J5D020A-1	FW						
				2	J5D020A-2(TMSU2)	21						
				2	J5D020A-2	17						
				2	J5D020A-2	15						
				2	J5D020A-2	CG						
APPARATUS REQUIRED TO PROVIDE A DUAL FABRIC CM2 WITH NCT LINK CIRCUIT PACKS (TN888, KBN2, 410AA2) AND TRANSCEIVERS (982TTC) FOR TMSU2 IN BAYS 5 & 6 TO SUPPORT A CLASSIC (NON-TRM) SM. REPL:J5D020Z-1,L302 DA EFF:06/04/99 FE/RA:NONE	54	DA	302A	2	J5D020A-2(TMSU2)	21A						
				2	J5D020A-2	17						
				2	J5D020A-2	15						
				2	J5D020A-2	CG						
APPARATUS REQUIRED TO PROVIDE A DUAL FABRIC CM2 WITH NCT LINK CIRCUIT PACKS (TN888, KBN2) AND TRANSCEIVERS (982TTC) FOR TMSU2 IN BAYS 0-4 AND 7-11 TO SUPPORT A CLASSIC (NON-TRM)SM. DA EFF:06/04/99 FE/RA:NONE	54	DA	303	2	J5D020B-1(TMSU2)	37C						
				2	J5D020B-1	7B						
				2	J5D020B-1	4A						
				2	J5D020B-1	PP						
				2	J5D020B-2(TMSU2)	8						
				2	J5D020B-2	6						
				2	J5D020B-2	PG						
APPARATUS REQUIRED IN ADDITION TO LISTS (10-99)() OR LISTS 320-329 TO PROVIDE NCT2 LINK CIRCUIT PACKS (TN1681) AND TRANSCEIVERS (BKF1) TO SUPPORT SM2000 LINKS ON A DUAL FABRIC CM2. (THIS LIST CAN BE ORDERED TO SUPPORT SM2000 LINKS IN TMSU2)	54 64 87 500		304	2	J5D020A-1(TMSU2)	44						
				2	J5D020A-1	FV						
				2	J5D020A-2(TMSU2)	19						
				2	J5D020A-2	CF						
				2	J5D020B-1(TMSU2)	53						
				2	J5D020B-1	PQ						
				2	J5D020B-2(TMSU2)	10						
				2	J5D020B-2	PF						
				2	J5D020A-1(TMSU3)	45						
				2	J5D020A-1	GA						
				2	J5D020A-2(TMSU3)	27						
				2	J5D020A-2	CY						
				2	J5D020B-1(TMSU3)	54						
				2	J5D020B-1	PV						
				2	J5D020B-2(TMSU3)	18						
				2	J5D020B-2	PL						

TABLE-A CONTINUED

TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		RAT-ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT			
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
APPARATUS REQUIRED TO PROVIDE A DUAL FABRIC CM2 WITH NCT2 LINK CIRCUIT PACKS (TN1681, KBN2, 410AA) AND TRANSCEIVERS (BKF1) FOR TMSU2 IN BAYS 5 & 6 TO SUPPORT SM2000 LINKS. DA EFF:12/12/97 FE:J5D020Z-1,L305A	54	DA	305	2	J5D020A-1 (TMSU2)	44						
				2	J5D020A-1	12B						
				2	J5D020A-1	FV						
				2	J5D020A-2 (TMSU2)	21						
				2	J5D020A-2	19						
				2	J5D020A-2	15						
				2	J5D020A-2	CF						
APPARATUS REQUIRED TO PROVIDE A DUAL FABRIC CM2 WITH NCT2 LINK CIRCUIT PACKS (TN1681, KBN2, 410AA2) AND TRANSCEIVERS (BKF1) FOR TMSU2 IN BAYS 5 & 6 TO SUPPORT SM2000 LINKS. REPL:J5D020Z-1,L305 DA EFF:06/04/99 FE/RA:NONE	54	DA	305A	2	J5D020A-2 (TMSU2)	21A						
				2	J5D020A-2	19						
				2	J5D020A-2	15						
				2	J5D020A-2	CF						
APPARATUS REQUIRED TO PROVIDE A DUAL FABRIC CM2 WITH NCT2 LINK CIRCUIT PACKS (TN1681,KBN2) AND TRANSCEIVERS (BKF1) FOR TMSU2 IN BAYS 0-4 AND 7-11 TO SUPPORT SM2000 LINKS. DA EFF:06/04/99 FE/RA:NONE	54	DA	306	2	J5D020B-1 (TMSU2)	53						
				2	J5D020B-1	7B						
				2	J5D020B-1	PQ						
				2	J5D020B-2 (TMSU2)	10						
				2	J5D020B-2	6						
				2	J5D020B-2	PF						
APPARATUS REQUIRED TO PROVIDE ADDITIONAL FABRIC (KBN4) FOR TMSU2 GROWTH. REPL:NONE	72 73		307	2	J5D020A-1	27						
				2	J5D020B-1	29						
				2	J5D020A-2	16						
				2	J5D020B-2	7						
EQUIPMENT AND APPARATUS REQUIRED TO PROVIDE NON-APR TMSU3 AND EBUS UNITS IN EXISTING BAYS 4 & 7 OF A DUAL FABRIC CM2. THE KAA5 AND APPARATUS BLANKS (FOR THE REMOVAL OF THE UN310) ARE ALSO PROVIDED. (4 & 7, NON-APR) REPL:NONE	61 67 69 75 76		320	1	J5D020A-1	P						
				1	J5D020A-2	12						
				2	J5D020B-2	4C						
				2	J5D020B-2	5A						
				2	J5D020B-2	24						
				2	J5D020B-2	27						
				2	J5D020B-2	29						
				2	J5D020B-2	BC						
				1	J5D020B-2	DB						
				1	J5D020B-2	HJ						
				2	J5D020B-2	PN						
				2	J5D020B-2	RC						
				2	J5D020B-2	RD						
				2	J5D020B-2	RT						
				1	J5D020B-2 GLOBAL	UA						
				1	J5D020B-2 CLASIC	UB						
EQUIPMENT AND APPARATUS REQUIRED TO PROVIDE NON-APR TMSU3 AND EBUS UNITS IN EXISTING BAYS 4 & 7 OF A DUAL FABRIC CM2. THE KAA5 AND APPARATUS BLANKS (FOR THE REMOVAL OF THE UN310) ARE ALSO PROVIDED. (4 & 7, APR) REPL:NONE	61 67 69 75 76		321	1	J5D020A-2	12						
				2	J5D020B-2	4C						
				2	J5D020B-2	5A						
				2	J5D020B-2	24						
				2	J5D020B-2	27						
				2	J5D020B-2	29						
				2	J5D020B-2	BC						
				1	J5D020B-2	DB						
				1	J5D020B-2	HJ						
				2	J5D020B-2	PN						
				2	J5D020B-2	RC						
				2	J5D020B-2	RD						
				2	J5D020B-2	RT						
				1	J5D020B-2 GLOBAL	UA						
				1	J5D020B-2 CLASIC	UB						
EQUIPMENT AND APPARATUS REQUIRED TO PROVIDE NON-APR TMSU3 AND EBUS UNITS IN EXISTING BAYS 3 & 8 OF A DUAL FABRIC CM2. THE UN310 (FOR BAYS 4 & 7) ARE ALSO PROVIDED. (3 & 8, NON-APR) REPL:NONE	61 67 69 72 75 76		322	2	J5D020B-1 (4&7)	22						
				2	J5D020B-1 (4&7)	CL						
				2	J5D020B-2 (4&7)	27						
				2	J5D020B-2 (4&7)	RE						
				2	J5D020B-2 (4&7)	RF						
				2	J5D020B-2	4C						
				2	J5D020B-2	25						
				4	J5D020B-2	26						
				4	J5D020B-2	28						
				2	J5D020B-2	30						
				2	J5D020B-2	51						
				2	J5D020B-2	52						
				1	J5D020B-2	MT						
				2	J5D020B-2	PN						
				2	J5D020B-2	RG						
				2	J5D020B-2	RH						
				1	J5D020B-2	RL						
				2	J5D020B-2	RT						
				1	J5D020B-2 GLOBAL	UA						
				1	J5D020B-2 CLASIC	UB						

TABLE-A CONTINUED

J5D020Z-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	
EQUIPMENT AND APPARATUS REQUIRED TO PROVIDE APR TMSU3 AND EBUS UNITS IN EXISTING BAYS 3 & 8 OF A DUAL FABRIC CM2. THE UN310 (FOR BAYS 4 & 7) ARE ALSO PROVIDED. (3 & 8, APR) REPL:NONE	61 67 69 72 75 76		323	2	J5D020B-2 (4&7)	27						
				2	J5D020B-2 (4&7)	RE						
				2	J5D020B-2 (4&7)	RF						
				2	J5D020B-2	4C						
				2	J5D020B-2	25						
				2	J5D020B-2	26						
				4	J5D020B-2	28						
				4	J5D020B-2	30						
				2	J5D020B-2	52						
				2	J5D020B-2	BC						
				1	J5D020B-2	DE						
				2	J5D020B-2	PN						
				2	J5D020B-2	RG						
				2	J5D020B-2	RH						
				1	J5D020B-2	RL						
				2	J5D020B-2	RT						
				1	J5D020B-2 GLOBAL	UA						
				1	J5D020B-2 CLASIC	UB						
EQUIPMENT AND APPARATUS REQUIRED TO PROVIDE NON-APR TMSU3 AND EBUS UNITS IN EXISTING BAYS 2 & 9 OF A DUAL FABRIC CM2. (2 & 9, NON-APR) REPL:NONE	61 67 69 75 76		324	2	J5D020B-2	4C						
				2	J5D020B-2	24						
				4	J5D020B-2	28						
				4	J5D020B-2	30						
				2	J5D020B-2	31						
				4	J5D020B-2	32						
				2	J5D020B-2	51						
				2	J5D020B-2	52						
				1	J5D020B-2	MU						
				2	J5D020B-2	PN						
				2	J5D020B-2	RJ						
				2	J5D020B-2	RK						
				1	J5D020B-2	RM						
				2	J5D020B-2	RT						
				1	J5D020B-2 GLOBAL	UA						
				1	J5D020B-2 CLASIC	UB						
EQUIPMENT AND APPARATUS REQUIRED TO PROVIDE APR TMSU3 AND EBUS UNITS IN EXISTING BAYS 2 & 9 OF A DUAL FABRIC CM2. (2 & 9, APR) REPL:NONE	61 67 69 75 76		325	2	J5D020B-2	4C						
				2	J5D020B-2	24						
				4	J5D020B-2	28						
				4	J5D020B-2	30						
				2	J5D020B-2	31						
				4	J5D020B-2	32						
				2	J5D020B-2	52						
				2	J5D020B-2	BC						
				1	J5D020B-2	DF						
				2	J5D020B-2	PN						
				2	J5D020B-2	RJ						
				2	J5D020B-2	RK						
				1	J5D020B-2	RM						
				2	J5D020B-2	RT						
				1	J5D020B-2 GLOBAL	UA						
				1	J5D020B-2 CLASIC	UB						

TABLE-A CONTINUED

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BT13

5ESS SWITCHING EQUIPMENT SPECIFICATION
FOR COMMUNICATION MODULE GROWTH
PACKAGES

DWG SIZE C2	ISSUE 21
LUCENT TECHNOLOGIES INC J5D020Z-1	
SHEET 111 OF 31</	

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	
FOUR LIGHTGUIDE CABLE ASSEMBLIES REQUIRED FOR GROWING NCT LINKS FROM AN SM TO CM BAYS 6-11 OR TMS BAY 1. DA EFF:12/17/99 RA:J5D020Z-1,LA30 RA:J5D020Z-1,LA40 RA:J5D020Z-1,LA50 RA:J5D020Z-1,LA60 RA:J5D020Z-1,LA70 RA:J5D020Z-1,LA80 RA:J5D020Z-1,LA90 RA:J5D020Z-1,LA100 RA:J5D020Z-1,LA110 RA:J5D020Z-1,LA120 RA:J5D020Z-1,LA130 RA:J5D020Z-1,LA140 RA:J5D020Z-1,LA150 RA:J5D020Z-1,LA160 RA:J5D020Z-1,LA170 RA:J5D020Z-1,LA180	55 56 57	DA	B									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (30 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A30									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (40 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A40									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (50 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A50									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (60 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A60									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (70 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A70									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (80 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A80									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (90 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A90									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (100 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A100									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (110 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A110									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (120 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A120									

TABLE-A CONTINUED

J5D020Z-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	
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (130 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A130									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (140 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A140									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (150 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A150									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (160 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A160									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (170 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A170									
PROVIDES TWO DUAL LIGHTGUIDE CABLE ASSEMBLIES (180 FEET EACH) REQUIRED FOR GROWING NCT LINKS FROM AN SM TO THE CM. REPL:J5D020Z-1,LA REPL:J5D020Z-1,LB	56 86		A180									

END OF TABLE-A

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BT13

5ESS SWITCHING EQUIPMENT SPECIFICATION
FOR COMMUNICATION MODULE GROWTH
PACKAGES

DWG SIZE C2 ISSUE 21

LUCENT TECHNOLOGIES INC J5D020Z-1

SHEET A13 OF 31

1.11+
Create
COMMON_HARDWARE

MFFU	MFFU
CMPU	CMPU
MSPU3	MSPU3
MSCU3	MSCU3
TMSU3	TMSU3
CMCU	CMCU
TMSU3	TMSU3
FAN	FAN

CM2 BAY 5 CM2 BAY 6
(LIST 11, 11E, 12)
(DA)

MFFU	MFFU	MFFU	MFFU
VACANT	CMPU	CMPU	VACANT
MSPU3	MSPU3	MSPU3	MSPU3
EBUS	MSCU3	MSCU3	EBUS
TMSU3	TMSU3	TMSU3	TMSU3
EBUS	CMCU	CMCU	EBUS
TMSU3	TMSU3	TMSU3	TMSU3
FAN	FAN	FAN	FAN

CM2 BAY 4 CM2 BAY 5 CM2 BAY 6 CM2 BAY 7
(LIST 13, 13E, 14)
(DA)

PROJ-EGEDFORM.FRM-FEB-96

J5D020Z-1

SEE PROPRIETARY NOTICE ON SHEET ONE			
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR COMMUNICATION MODULE GROWTH PACKAGES		THIRD ANGLE PROJ 	
(P) DWG SIZE C2		ISSUE 11	
LUCENT TECHNOLOGIES		SHEET NO. B1	

MODELED BY: COIX DATE: 24-Sep-98

Dual Fabric TMSU3 Equipage Rules

1. All 4 TMSU3 units in associated bays must be equipped alike.
2. Associated bays are as follows:
 - 5 & 6
 - 4 & 7
 - 3 & 8
 - 2 & 9
 - 1 & 10
 - 0 & 11
3. * In bays 5 and 6, this position always contains TN883 circuit packs.
4. Optional front equipment circuit packs for TMSU3 positions 1 through 8 are:
 - L-304 TN1681
 - L-301 TN888
5. % In bays 5 and 6, if this position is equipped with L-300 (982TTC), the 982TTC is equipped in the upper level only. In all other positions, L-300 is equipped in the lower level. L-301 (982TTC) is equipped in the upper level.
6. % This position cannot be equipped with BKFI's in bays 5 and 6.
7. Optional wiring side transceivers for TMSU3 positions 1 through 8 are:
 - L-304 BKFI
 - L-301 982TTC
 - L-300 982TTC
8. BKFI's are equipped in the lower level only.
9. # These circuit packs are always equipped.
10. @ For Non-APR units, the SN516C is always equipped.
For APR units, the SN516C is not equipped.

DUAL FABRIC TMSU3 RELATIVE EQL'S & POSITIONS

Front Equipment View

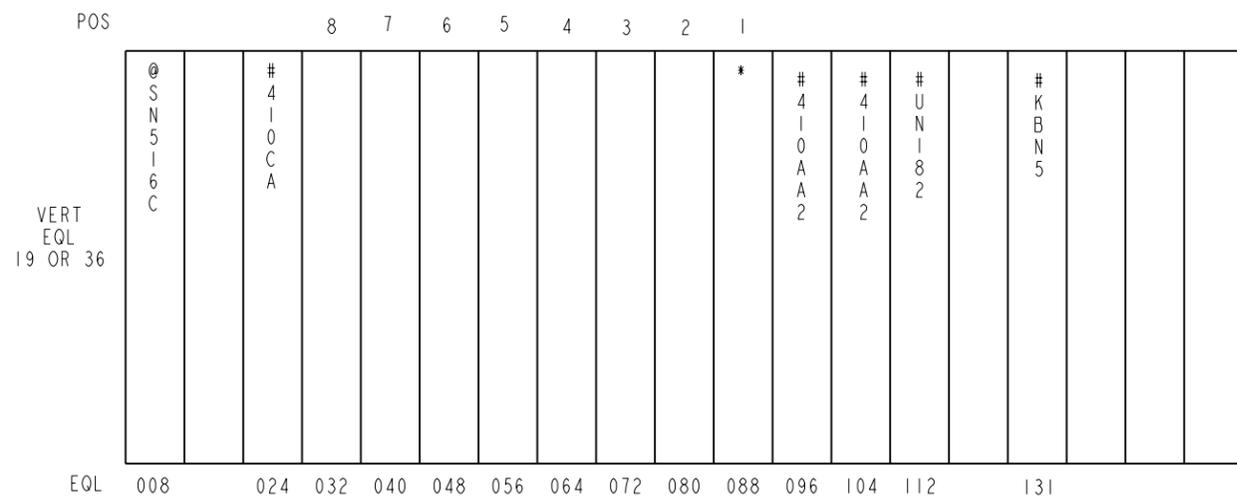


Figure 3
Front Equipment Rules

DUAL FABRIC TMSU3 RELATIVE EQL'S & POSITIONS

Wiring Side View

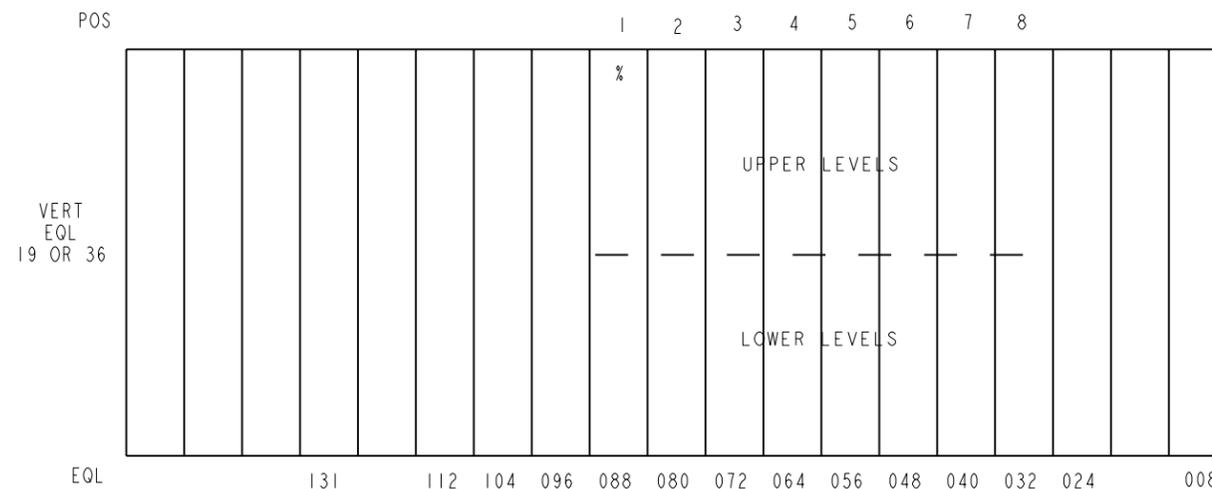
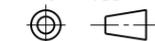


Figure 4
Wiring Side Rules

SEE PROPRIETARY NOTICE ON SHEET ONE

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR COMMUNICATION
MODULE GROWTH PACKAGES

THIRD ANGLE PROJ



DWG SIZE
C2

ISSUE
6

LUCENT
TECHNOLOGIES

J5D020Z-1

SHEET NO.
B2

MODELED BY: COIX DATE: 12-Aug-98

DRAWING NAME=J5D020Z-1
MODEL/ASM NAME=MODEL NAME

1.6+
Initial
COMMON-HARDWARE

PROJ-EQEDFORM.FRM-FEB-96

J5D020Z-1

1.11+
Create
COMMON_HARDWARE

MSPU3 MMP RELATIVE EQL'S & POSITIONS

Single MMP Community										Dual MMP Community									
L-100		L-100		L-100		L-100		L-100		L-102		L-100		L-100		L-100		L-100	
POS 1		POS 2		POS 3		POS 4		POS 4		POS 1		POS 2		POS 3		POS 4		POS 4	
#	#	*	*	T	T	T	T	T	T	S	4	T	T	T	T	T	T	T	T
SN	49	TN	TN	N	N	N	N	N	N	SN	49	N	N	N	N	N	N	N	N
5	5	8	8	8	8	8	8	8	8	5	5	8	8	8	8	8	8	8	8
1	1	5	5	5	5	5	5	5	5	1	1	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
C	B	C	0	C	0	C	0	C	0	C	B	C	0	C	0	C	0	C	0
EQL																			
008	024	032	040	048	056	064	072	080	088	096	112	120	128	136	144	152	160	168	176

Figure 5

- * (A) This position is always equipped in Bays 5 and 6.
- (B) For Bays 0 to 4 and 7 to 11, this position is only equipped per L-100.
- (C) For L-110(), this position is always equipped.
- # This position is always equipped in Bays 5 & 6. It is optional in all other bays. It can be ordered using L-102.

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J5D020Z-1

SEE PROPRIETARY NOTICE ON SHEET ONE			
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR COMMUNICATION MODULE GROWTH PACKAGES		THIRD ANGLE PROJN 	
DWG SIZE C2		ISSUE 11	
LUCENT TECHNOLOGIES		SHEET NO. B3	

MODELED BY: COIX DATE: 12-Aug-98

DRAWING NAME=J5D020Z-1
MODEL/ASM NAME=MODEL NAME

1.13+
Create
COMMON-HARDWARE

TABLE D1

DESCRIPTION	LIST 11A	LIST 11AE	LIST 12A	LIST 13A	LIST 13AE	LIST 14A	LIST 15	LIST 15E	LIST 16	LIST 21	LIST 21E	LIST 22	LIST 22E	LIST 23	LIST 23E	LIST 24
UNIVERSAL ANCHOR KIT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
JUNCTIONING HARDWARE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
POWER FEEDER CONNECTORS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
POWER FEEDERS	#	#	#	#	#	#	#	#	#	%	%	%	%	%	%	#
INDICATOR STRIPS	X	X	N/A	X	X	N/A	X	X	N/A	X	X	X	X	X	X	X
DOORS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EMC MATERIAL	N/A	X	N/A	N/A	X	N/A	N/A	X	N/A	N/A	X	N/A	X	N/A	X	N/A
FIBER OPTIC SPOOLS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FRAME GROUND CABLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
COMMUNICATION MULT CABLES	#	#	#	#	#	#	#	#	#	%	%	%	%	%	%	#

TABLE D1 CONT.

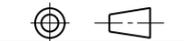
DESCRIPTION	LIST 24E	LIST 25	LIST 25E	LIST 26	LIST 26E	LIST 51	LIST 51E	LIST 52	LIST 52E	LIST 53	LIST 61	LIST 61E	LIST 62	LIST 62E	LIST 63	LIST 71
UNIVERSAL ANCHOR KIT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
JUNCTIONING HARDWARE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
POWER FEEDER CONNECTORS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
POWER FEEDERS	#	#	#	#	#	X	X	X	X	X	X	X	X	X	X	X
INDICATOR STRIPS	X	X	X	X	X	X	X	X	X	N/A	X	X	X	X	N/A	X
DOORS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EMC MATERIAL	X	N/A	N/A	X	N/A	X	N/A	N/A								
FIBER OPTIC SPOOLS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FRAME GROUND CABLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
COMMUNICATION MULT CABLES	#	#	#	#	#	N/A	N/A	N/A	N/A	N/A	X	X	X	X	X	X

NOTE:
 N/A = NOT APPLICABLE
 X = ADDITIONAL MATERIAL INCLUDED
 # = ORDER CUSTOM
 % = IF NOT QUICKSTART, ORDER CUSTOM

SEE PROPRIETARY NOTICE ON SHEET ONE

5ESS SWITCHING EQUIPMENT
 SPECIFICATION FOR COMMUNICATION
 MODULE GROWTH PACKAGES

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
13

LUCENT
TECHNOLOGIES

J5D020Z-1

SHEET NO.
B4

MODELED BY: PRUSKI DATE: 24-Sep-98

J5D020Z-1

PROJ-EGEDFORM.FRM-FEB-96

1.13+
Create
COMMON_HARDWARE

TABLE D1 CONT.

DESCRIPTION	LIST 71E	LIST 72	LIST 72E	LIST 73	LIST 81	LIST 81E	LIST 82	LIST 82E	LIST 83	LIST 91	LIST 91E	LIST 92	LIST 92E	LIST 93
UNIVERSAL ANCHOR KIT	X	X	X	X	X	X	X	X	X	X	X	X	X	X
JUNCTIONING HARDWARE	X	X	X	X	X	X	X	X	X	X	X	X	X	X
POWER FEEDER CONNECTORS	X	X	X	X	X	X	X	X	X	X	X	X	X	X
POWER FEEDERS	X	X	X	X	X	X	X	X	X	X	X	X	X	X
INDICATOR STRIPS	X	X	X	N/A	X	X	X	X	N/A	X	X	X	X	N/A
DOORS	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EMC MATERIAL	X	N/A	X	N/A	N/A	X	N/A	X	N/A	N/A	X	N/A	X	N/A
FIBER OPTIC SPOOLS	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FRAME GROUND CABLE	X	X	X	X	X	X	X	X	X	X	X	X	X	X
COMMUNICATION MULT CABLES	X	X	X	X	N/A	N/A	N/A	N/A	N/A	X	X	X	X	X

NOTE:
 N/A = NOT APPLICABLE
 X = ADDITIONAL MATERIAL INCLUDED
 # = ORDER CUSTOM
 % = IF NOT QUICKSTART, ORDER CUSTOM

MFFU	MFFU
VACANT	VACANT
MSPU3	MSPU3
EBUS	EBUS
TMSU3	TMSU3
EBUS	EBUS
TMSU3	TMSU3
FAN	FAN

CM2 BAY 4	CM2 BAY 7
CM2 BAY 3	CM2 BAY 8
CM2 BAY 2	CM2 BAY 9
CM2 BAY 1	CM2 BAY 10
CM2 BAY 0	CM2 BAY 11

(BAYS 4 & 7 - LISTS 51, 51E, 52, 52E, 53)
 (BAYS 3 & 8 - LISTS 61, 61E, 62, 62E, 63)
 (BAYS 2 & 9 - LISTS 71, 71E, 72, 72E, 73)
 (BAYS 1 & 10 - LISTS 81, 81E, 82, 82E, 83)
 (BAYS 0 & 11 - LISTS 91, 91E, 92, 92E, 93)

PROJ-EGEDFORM.FRM-FEB-96

J5D020Z-1

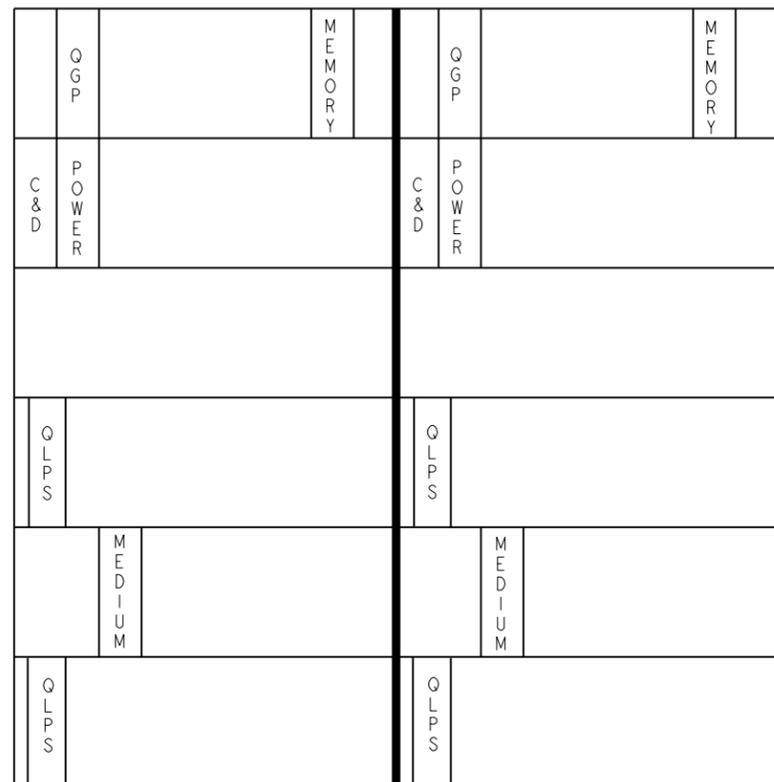
SEE PROPRIETARY NOTICE ON SHEET ONE		
SESS SWITCHING EQUIPMENT SPECIFICATION FOR COMMUNICATION MODULE GROWTH PACKAGES		THIRD ANGLE PROJN 
DWG SIZE C2	ISSUE 13	SHEET NO. B5
LUCENT TECHNOLOGIES	J5D020Z-1	DATE: 26-Feb-99

MODELED BY: PRUSKI DATE: 26-Feb-99

1.1.1+
Create
COMMON-HARDWARE

CONVERSION CM2'S 2-BAY

Global Cabinet - L-11A(E)
Classic Cabinet - L-12A



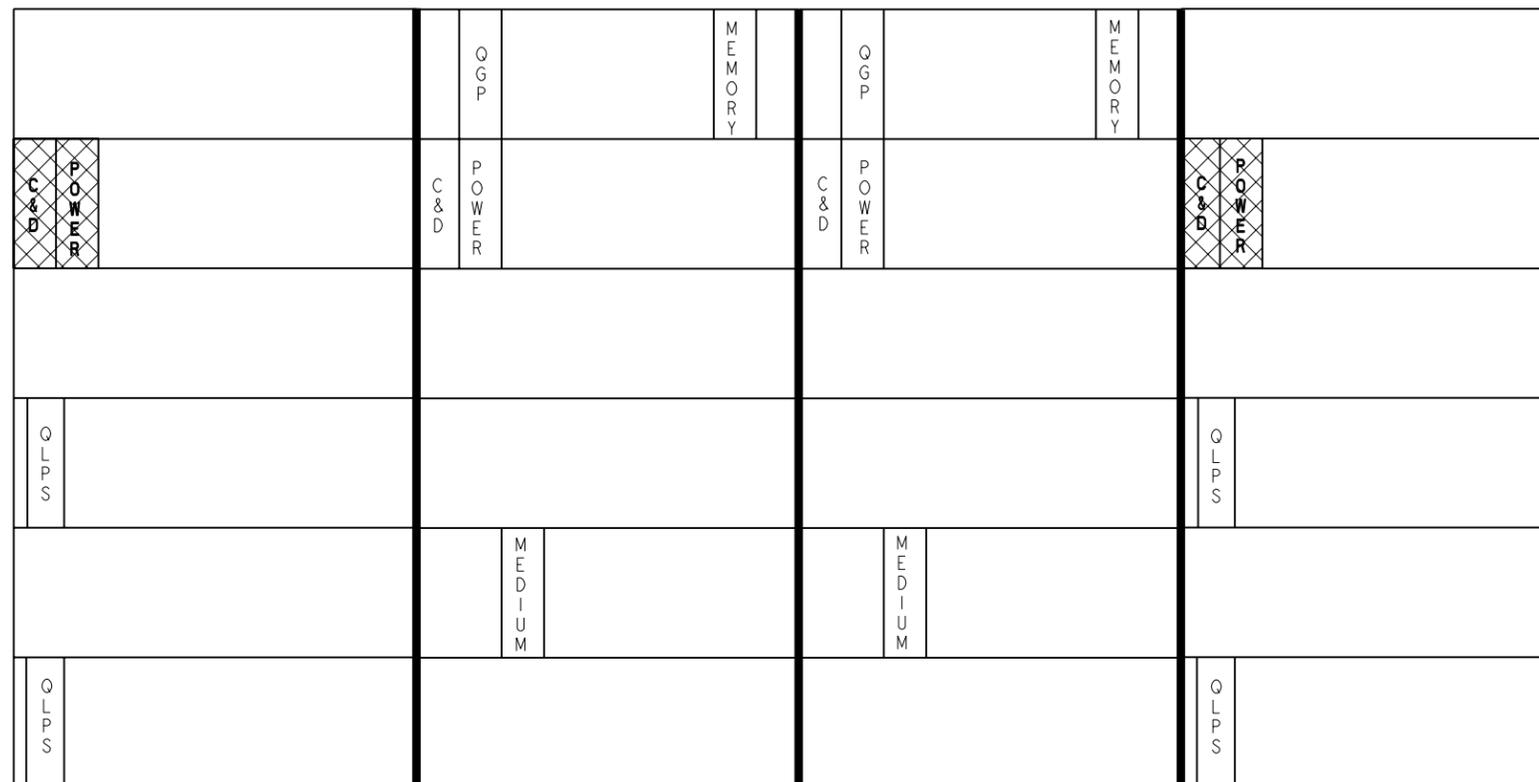
5

6

CONVERSION CM2'S 4-BAY

Global Cabinet - L-13A(E)
Classic Cabinet - L-14A

 OPTIONAL



4

5

6

7

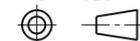
PROJ-EGEDFORM.FRM-FEB-96

J5D020Z-1

SEE PROPRIETARY NOTICE ON SHEET ONE

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR COMMUNICATION
MODULE GROWTH PACKAGES

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
11

LUCENT
TECHNOLOGIES

J5D020Z-1

SHEET NO.
B6

MODELED BY: PRUSKI DATE: 15-JUL-1999

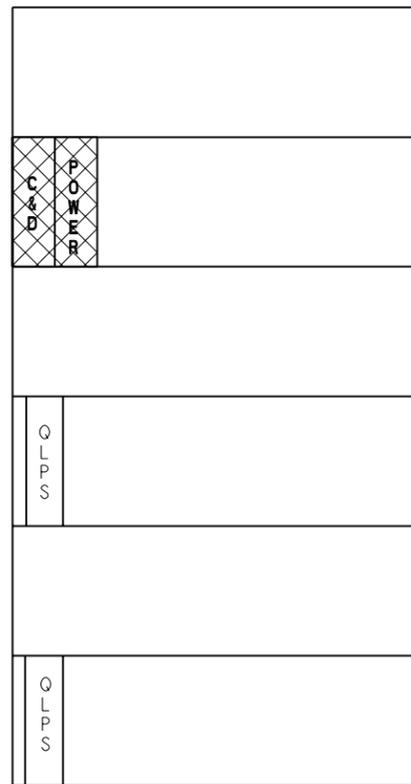
DRAWING NAME=J5D020Z-1
MODEL/ASM NAME=MODEL NAME

1.1.1+
Create
COMMON-HARDWARE

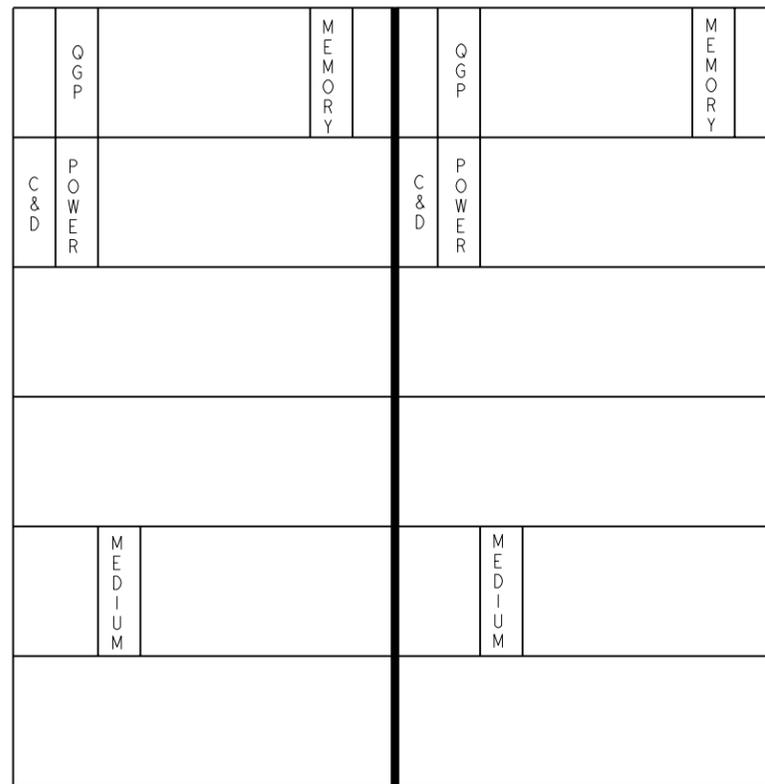
CONVERSION CM2'S 6-BAY

Global Cabinet - L-15(E)
Classic Cabinet - L-16

 OPTIONAL

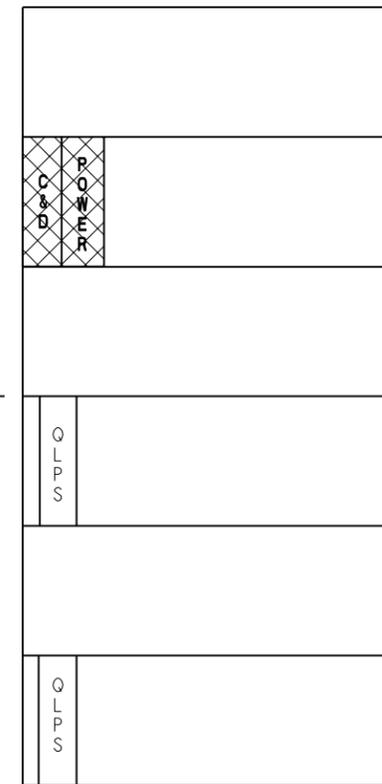


3...4



5

6



7...8

PROJ-EOEDFORM.FRM-FEB-96

J5D020Z-1

SEE PROPRIETARY NOTICE ON SHEET ONE

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR COMMUNICATION
MODULE GROWTH PACKAGES

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
11

LUCENT
TECHNOLOGIES

J5D020Z-1

SHEET NO.
B7

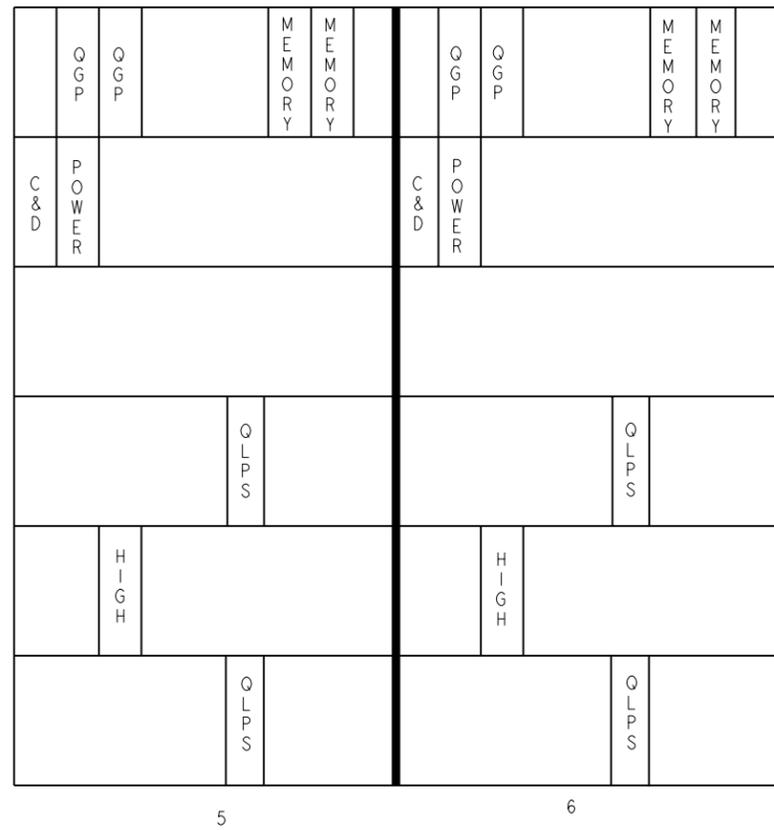
MODELED BY: PRUSKI DATE: 15-JUL-1999

DRAWING NAME=J5D020Z-1
MODEL/ASM NAME=MODEL NAME

1.1.1+
Create
COMMON-HARDWARE

NEW START CM2'S 2-BAY

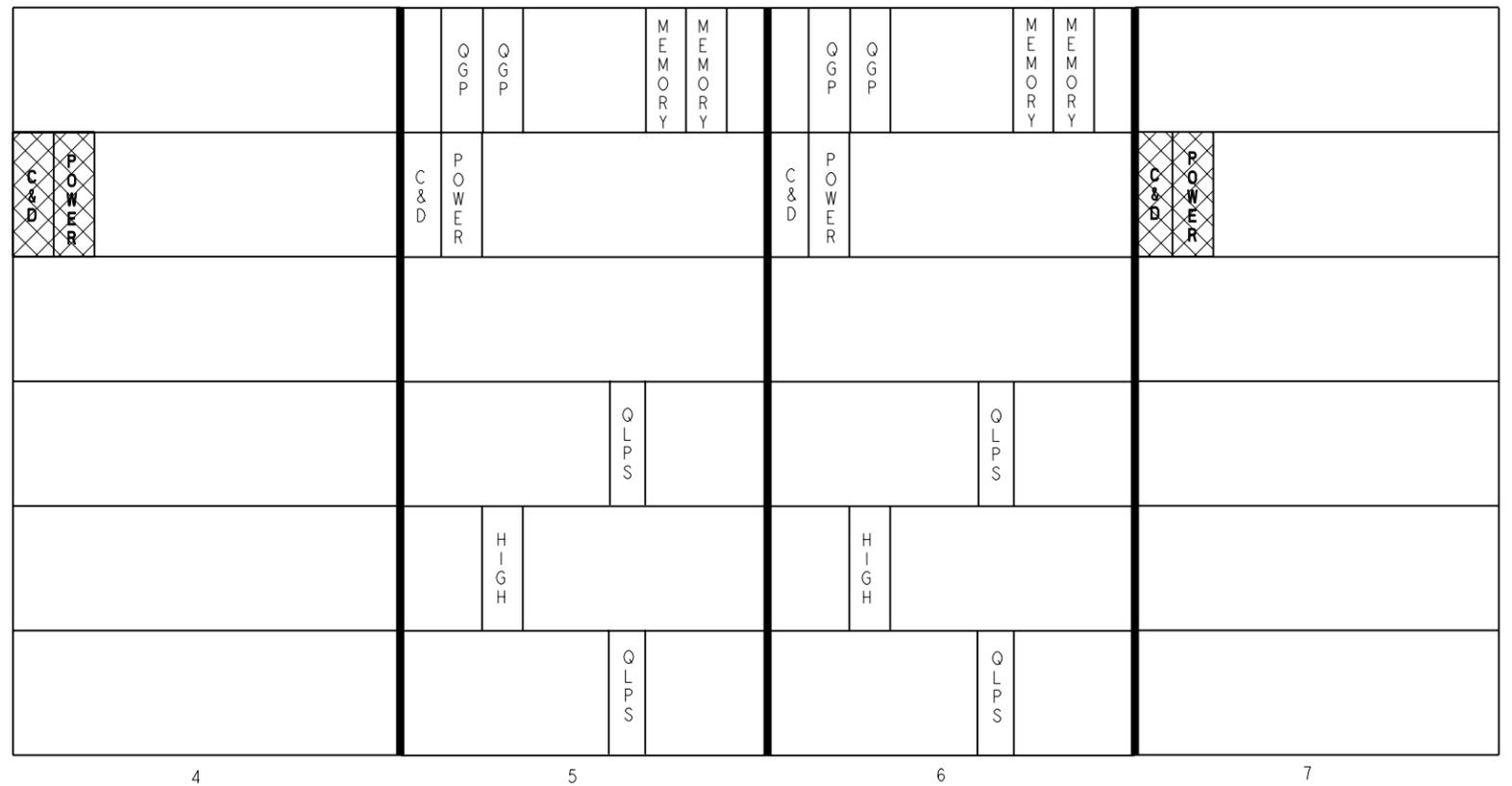
Global Cabinet - L-21(E)



NEW START CM2'S 4-BAY

Global Cabinet - L-22(E)

 OPTIONAL



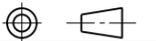
PROJ-EGEDFORM.FRM-FEB-96

J5D020Z-1

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5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR COMMUNICATION
MODULE GROWTH PACKAGES

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
11

LUCENT
TECHNOLOGIES

J5D020Z-1

SHEET NO.
B8

MODELED BY: PRUSKI DATE: 15-JUL-1999

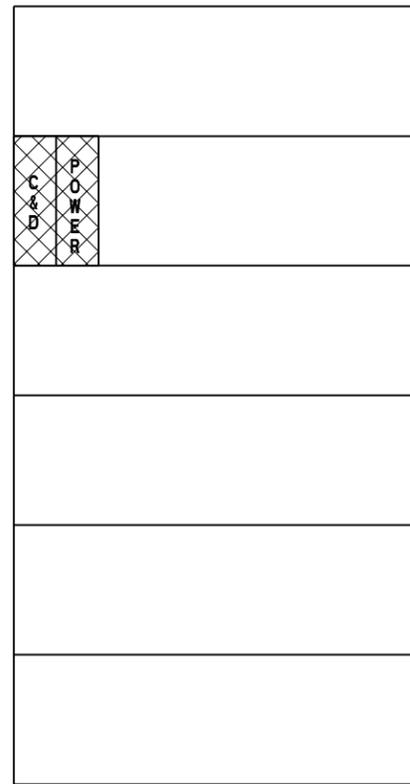
DRAWING NAME=J5D020Z-1
MODEL/ASM NAME=MODEL NAME

1.1.1+
Create
COMMON_HARDWARE

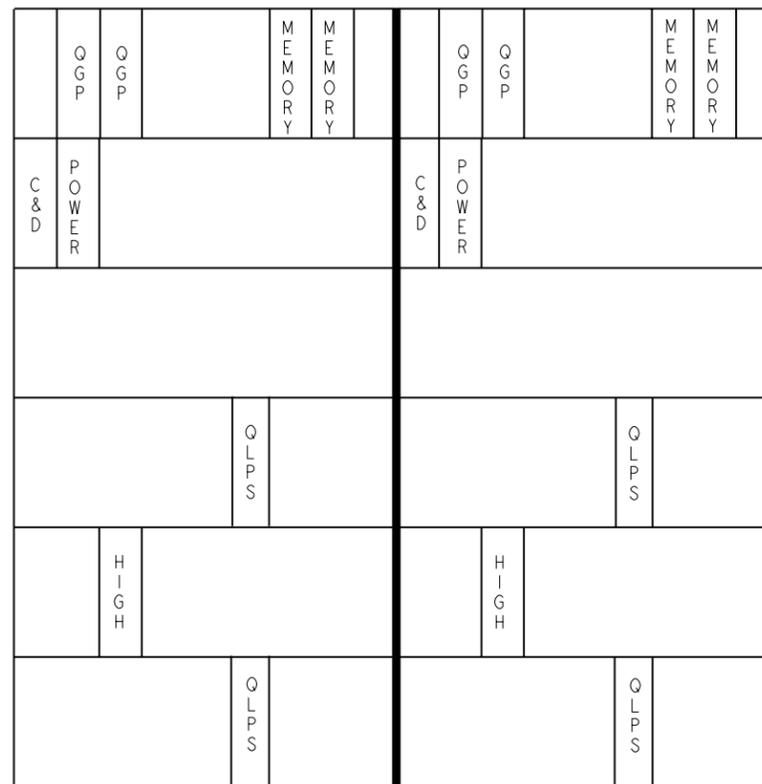
NEW START CM2'S 6-BAY

Global Cabinet - L-23(E)

 OPTIONAL

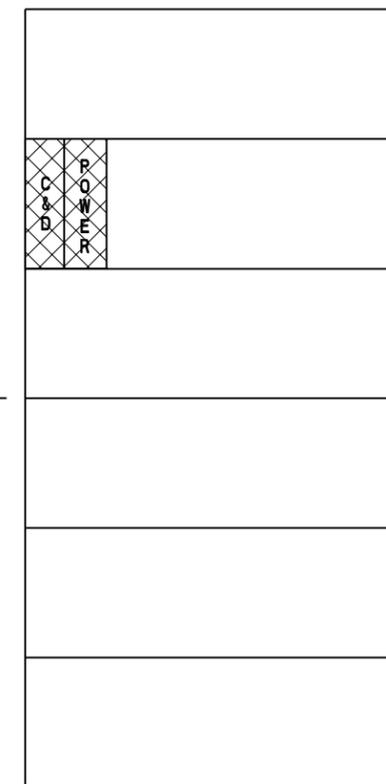


3...4



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6



7...8

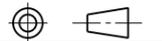
PROJ-EGEDFORM.FRM-FEB-96

J5D020Z-1

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5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR COMMUNICATION
MODULE GROWTH PACKAGES

THIRD ANGLE PROJN



DWG SIZE

C2

ISSUE

11

LUCENT
TECHNOLOGIES

J5D020Z-1

SHEET NO.

B9

MODELED BY: PRUSKI DATE: 15-JUL-1999

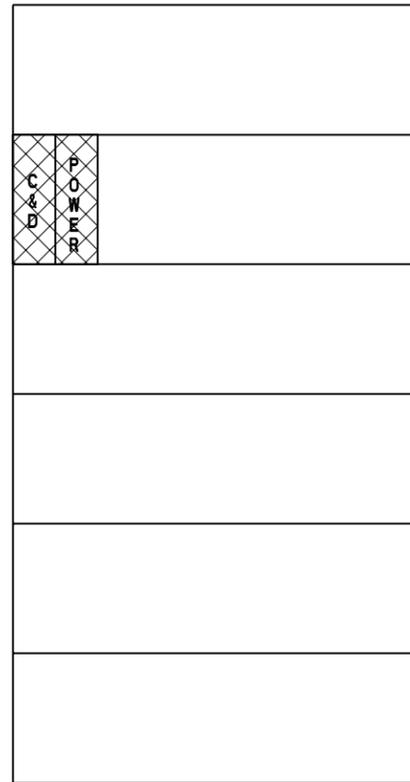
DRAWING NAME=J5D020Z-1
MODEL/ASM NAME=MODEL NAME

1.13+
Create
COMMON_HARDWARE

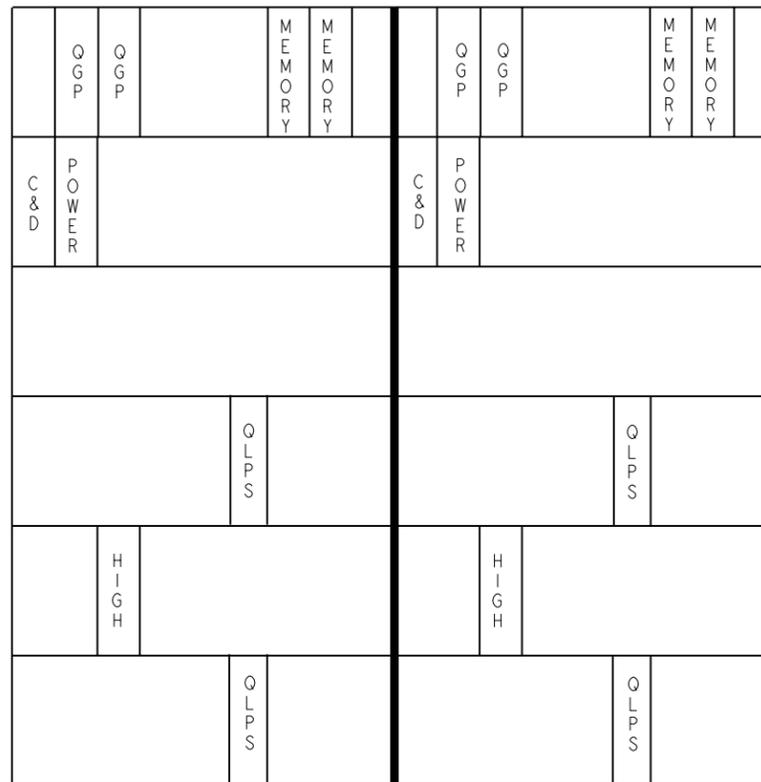
NEW START CM2'S 8-BAY

Global Cabinet - L-24(E)

 OPTIONAL

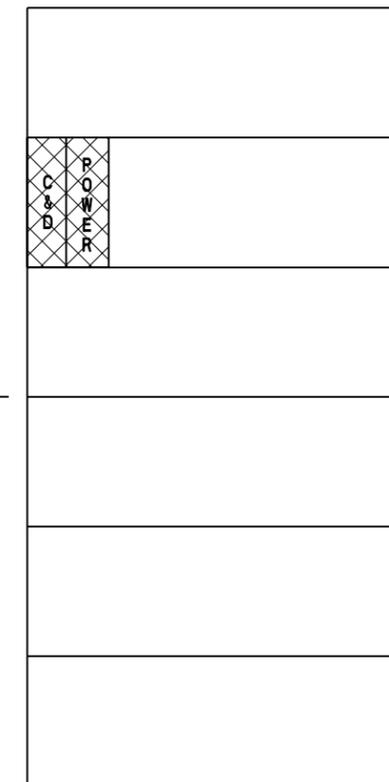


2...3...4



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6



7...8...9

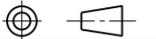
PROJ-EOEDFORM.FRM-FEB-96

J5D020Z-1

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5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR COMMUNICATION
MODULE GROWTH PACKAGES

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
13

LUCENT
TECHNOLOGIES

J5D020Z-1

SHEET NO.
B10

MODELED BY: PRUSKI DATE: 13-AUG-1999

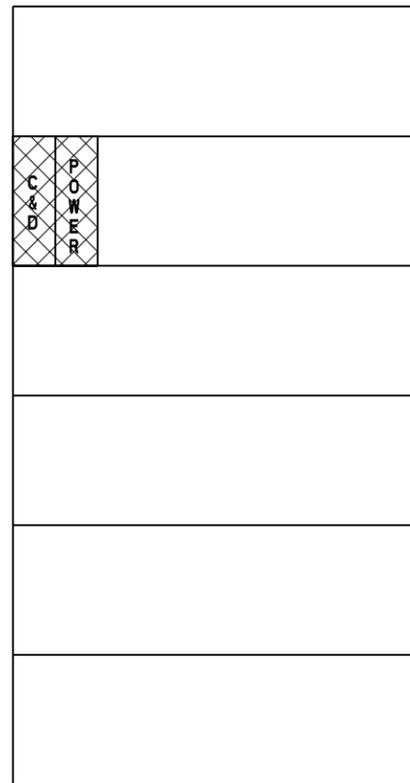
DRAWING NAME=J5D020Z-1
MODEL/ASM NAME=MODEL NAME

1.13+
Create
COMMON_HARDWARE

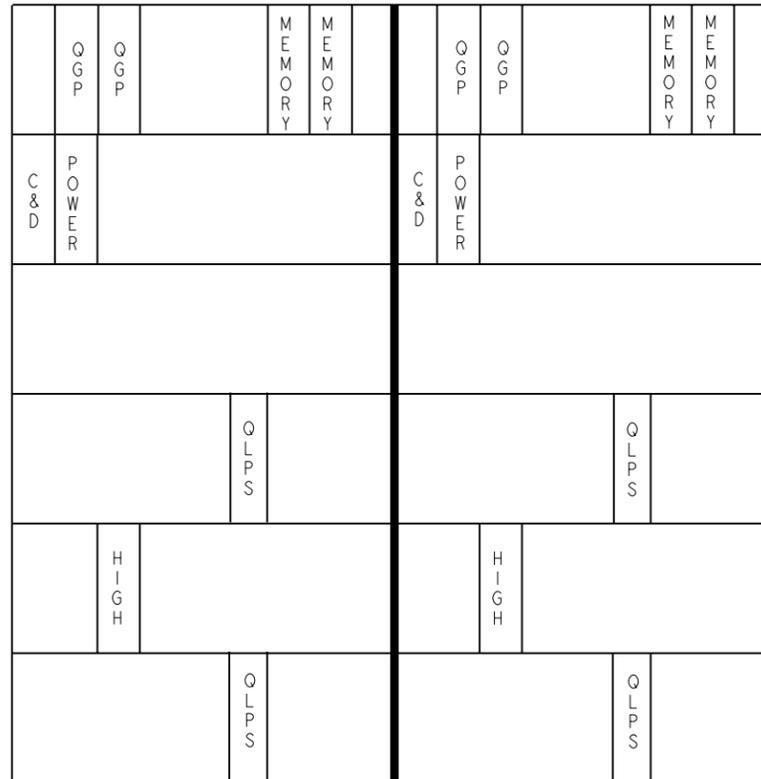
NEW START CM2'S 10-BAY

Global Cabinet - L-25(E)

 OPTIONAL

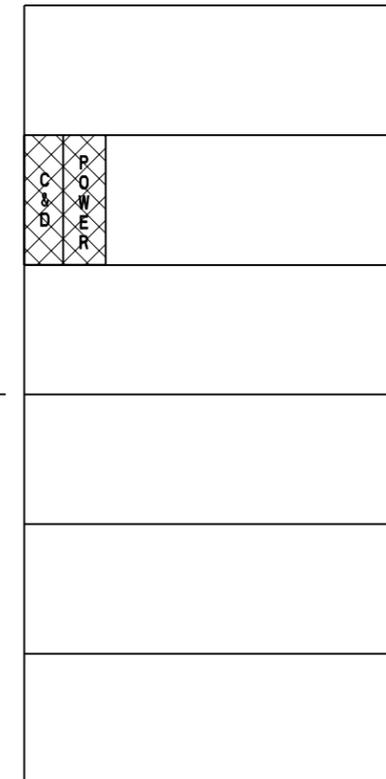


1...2...3...4



5

6



7...8...9...10

PROJ-EGEDFORM.FRM-FEB-96

J5D020Z-1

SEE PROPRIETARY NOTICE ON SHEET ONE

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR COMMUNICATION
MODULE GROWTH PACKAGES

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
13

LUCENT
TECHNOLOGIES

J5D020Z-1

SHEET NO.
B11

MODELED BY: PRUSKI DATE: 13-AUG-1999

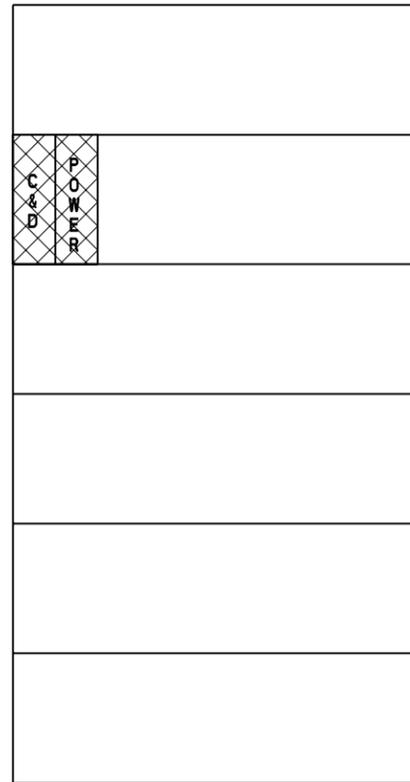
DRAWING NAME=J5D020Z-1
MODEL/ASM NAME=MODEL NAME

1.1.3+
Create
COMMON_HARDWARE

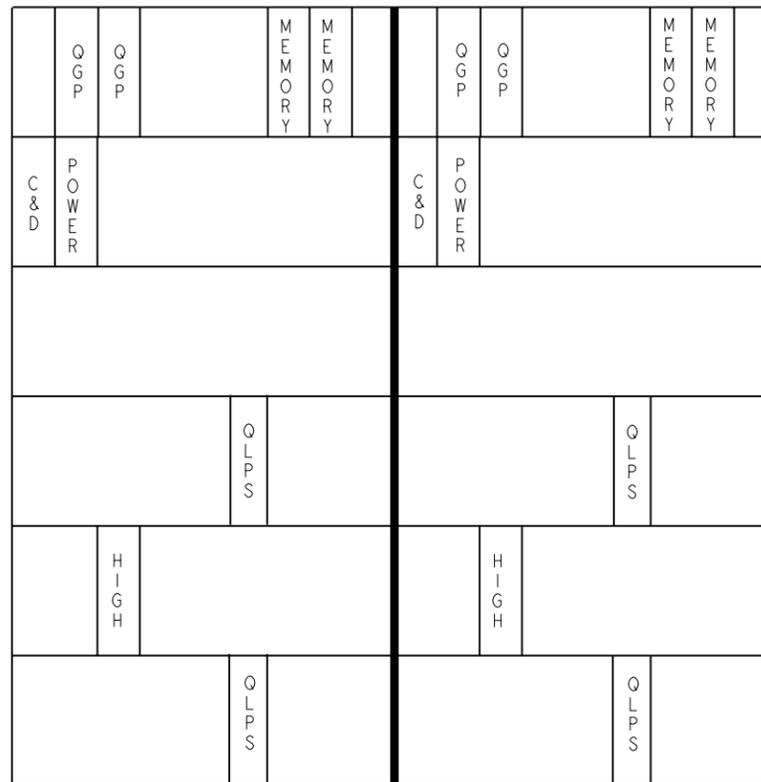
NEW START CM2'S 12-BAY

Global Cabinet - L-26(E)

 OPTIONAL

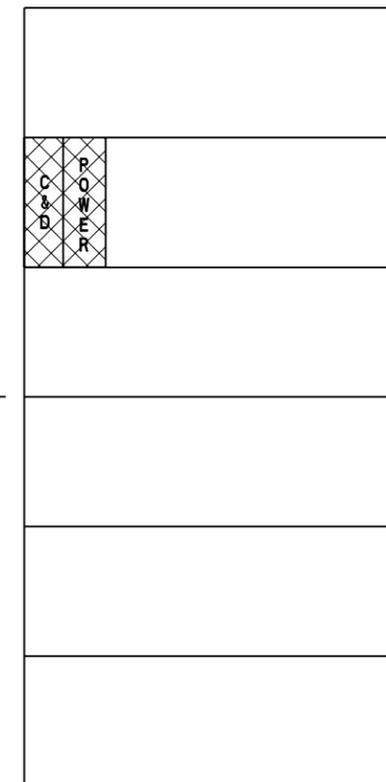


0...1...2...3...4



5

6



7...8...9...10...11

PROJ-EGEDFORM.FRM-FEB-96

J5D020Z-1

SEE PROPRIETARY NOTICE ON SHEET ONE

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR COMMUNICATION
MODULE GROWTH PACKAGES

THIRD ANGLE PROJN



DWG SIZE
C2

ISSUE
13

LUCENT
TECHNOLOGIES

J5D020Z-1

SHEET NO.
812

MODELED BY: PRUSKI DATE: 13-AUG-1999

DRAWING NAME=J5D020Z-1
MODEL/ASM NAME=MODEL NAME

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1010	1	2	106502529	982TSC	CONNECTOR,ELECTRICAL ASSEMBLY 48 CONTACTS, SOCKET, FEMALE FE CLEI=E5PQ51XA CLEI = E5PQAY0A			
1015	2	2	106502511	982TRC	CONNECTOR,ELECTRICAL ASSEMBLY 48 CONTACTS, SOCKET, FEMALE FE CLEI=E5PQ51VA CLEI = E5PQAY1A			
1020	3,4,5,6	2	103891438	TN243	PACK,CIRCUIT CLEI = E5PQ15RAXX			
1030	4,5,6	2	103344446	TN242	PACK,CIRCUIT CLEI = E5PQ12KAXX			
1040	5,6	2	103803656	495FB	UNIT,POWER FE CLEI=PWPQAPWA FE CLEI=PWPQAC4A FE CLEI=PWPQ54CA CLEI = PWPQASFA			
1050	6	2	103344396	TN244	PACK,CIRCUIT CLEI = E5PQ16KAXX			
1060	6	2	103383527	UN74	PACK,CIRCUIT CLEI = E5PQ22BAXX			
1070	7,8	2	103654414	TN858	PACK,CIRCUIT CLEI = E5MQ34FAXX			
1080	8	2	103922795	UN170B	PACK,CIRCUIT CLEI = E5MQ32BAXX			
1090	8	2	106075401	MC5D066A-1C	PACK,CIRCUIT,MICROCODED FE CLEI=E5MQ939A CLEI = E5MQAEJA (TN856C)			
1093	11	1	848164661		ASSEMBLY 2-BAY CM2 (NON-EMC 5ESS-2000 CABINET)			13
1094	11E	1	848214847		ASSEMBLY 2-BAY CM2 (EMC 5ESS-2000 CABINET)			13
1095	12	1	848178745		ASSEMBLY 2-BAY CM2 (CLASSIC CABINET)			13
1096	13	1	848164679		ASSEMBLY 4-BAY CM2 (NON-EMC 5ESS-2000 CABINET)			13
1097	13E	1	848214854		ASSEMBLY 4-BAY CM2 (EMC 5ESS-2000 CABINET)			13
1098	14	1	848178752		ASSEMBLY 4-BAY CM2 (CLASSIC CABINET)			13
1100	100	2	106075377	MC5D078A-1C	PACK,CIRCUIT,MICROCODED FE CLEI=E5MQAEHA FE CLEI=E5MQ940A CLEI = E5MQAHLA (TN856C)			
1110	100	2	105024632	TN870	PACK,CIRCUIT CLEI = E5MQ803AXX			
1115	101	2	103753299	UN25B	PACK,CIRCUIT CLEI = SP3Q01AAXX			
1117	102	2	103803656	495FB	UNIT,POWER FE CLEI=PWPQAPWA FE CLEI=PWPQAC4A FE CLEI=PWPQ54CA CLEI = PWPQASFA			
1118	102	2	107598146	SN516C	PACK,CIRCUIT CLEI = E5PQAPUA			
1119	102	2	406599324	WP92458L11	FUSE,10.0 AMP VERY FAST ACTING POS 68-127A			
1120	200,201, 202,202A, 203	2	106502537	982TTC	CONNECTOR FE CLEI=E5PQ51WA CLEI = E5PQAYZA			
1130	201,202, 202A,203	2	105001747	TN888	PACK, CIRCUIT FE CLEI=E5PQ893AAA CLEI = E5PQA3AA			
1140	201 202 202A 203	2	ED5D584-10,G25, G25, G25, G25		LABEL			

STOCKLIST CONTINUED ON SHEET D2

J5D020Z-1

S H O P T	I N S T	MANUFACTURING NOTES	
		SYM	NBR
			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. FOR NON-X ORDERS OF THE TMSU3 UNIT, THE 982TTC & BKF1 PADDLE BOARD WILL BE SHIPPED LOOSE.
X	X		13. APPLY THE Z STAMP (OR LABEL) BETWEEN THE SD AND J STAMPS (OR LABELS) APPROXIMATELY CENTERED ON THE SAME CROSS MEMBER.

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BT13	
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR COMMUNICATION MODULE GROWTH PACKAGES	
DWG SIZE C2	ISSUE 21
LUCENT TECHNOLOGIES INC	J5D020Z-1
SHEET D1 OF 31	

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1150	202,202A,203,205,205A,206	2	105001697	KBN2	PACK,CIRCUIT CLEI = E5PQ895A EQL 173			
1160	202,205	2	104060611	410AA	UNIT,POWER CLEI = PWPQACNA EQL 096			
1165	202A,205A	2	108133232	410AA2	UNIT CLEI = PWPQAS7A EQL 096			
1170	204,205,205A,206	2	106759905	BKF1	PACK,CIRCUIT FE CLEI=E5PQAE3A CLEI = E5PQAK9A			
1180	204,205,205A,206	2	106441587	TN1681	PACK,CIRCUIT CLEI = E5PQAFGA			
1190	204,205,205A,206	2	ED5D584-10,G24,G24,G24		LABEL			
1200	300,301,302,302A,303	4	106502537	982TTC	CONNECTOR FE CLEI=E5PQ51WA CLEI = E5PQAYZA			12
1210	301,302,302A,303	4	105001747	TN888	PACK, CIRCUIT FE CLEI=E5PQ893AAA CLEI = E5PQA3AA			
1220	301,302,302A,303	4	ED5D584-10,G25,G25,G25		LABEL			
1230	302,302A,303,305,305A,306	4	105001697	KBN2	PACK,CIRCUIT CLEI = E5PQ895A EQL 173			
1240	302,305	4	104060611	410AA	UNIT,POWER CLEI = PWPQACNA EQL 096			
1245	302A,305A	4	108133232	410AA2	UNIT CLEI = PWPQAS7A EQL 096			
1250	304,305,305A,306	4	106759905	BKF1	PACK,CIRCUIT FE CLEI=E5PQAE3A CLEI = E5PQAK9A			12
1260	304,305,305A,306	4	106441587	TN1681	PACK,CIRCUIT CLEI = E5PQAFGA			
1270	304,305,305A,306	4	ED5D584-10,G24,G24,G24		LABEL			
1280	A	2	ED5D518-30,G19,G19		CABLE, FIBER-OPTIC LIGHTGUIDE			
1290	A	2	ED5D518-30,G20,G20		CABLE, FIBER-OPTIC LIGHTGUIDE			
1300	110C	2	103753299	UN25B	PACK,CIRCUIT CLEI = SP3Q01AAXX			
1310	110C	1	848106043		KIT,UNIT ASSEMBLY MSPU3 (BAYS 4 & 7)			
1312	110C	1	848798278		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1314	110C	1	ED5D890-60,G27		EQUIPMENT, STD MODEL HARWARE			S
1320	307	4	104386537	KBN4	PACK,CIRCUIT CLEI = E5PQ38LA			
1330	307	4	ED5D584-10,G29		LABEL			

***** 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
1410	51	1	848275368		ASSEMBLY,CABINET CM2 GROWTH BAYS 4 & 7 (NON-EMC, NON-APR, 5ESS-2000 CABINET)			13
1412	51	1	848798187		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1414	51	1	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT			S
1416	51	1	ED5D890-60,G24		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1420	51E	1	848275376		ASSEMBLY,CABINET CM2 GROWTH BAYS 4 & 7 (EMC, NON-APR, 5ESS-2000 CABINET)			13
1422	51E	1	848798187		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1424	51E	1	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT			S
1426	51E	1	ED5D890-60,G24		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1428	51E	1	ED5D890-60,G23		EQUIPMENT, STD MODEL HARWARE EMC KIT			S
1430	52	1	848275384		ASSEMBLY,CABINET CM2 GROWTH BAYS 4 & 7 (NON-EMC, APR, 5ESS-2000 CABINET)			13
1432	52	1	848798187		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1434	52	1	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT			S
1436	52	1	ED5D890-60,G24		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1440	52E	1	848275392		ASSEMBLY,CABINET CM2 GROWTH BAYS 4 & 7 (EMC, APR, 5ESS-2000 CABINET)			13
1442	52E	1	848798187		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1444	52E	1	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT			S
1446	52E	1	ED5D890-60,G24		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1448	52E	1	ED5D890-60,G23		EQUIPMENT, STD MODEL HARWARE EMC KIT			S
1450	53	1	848275400		ASSEMBLY,CABINET CM2 GROWTH BAYS 4 & 7 (NON-EMC, NON-APR, CLASSIC CABINET)			13
1452	53	1	848798195		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1454	53	1	ED5D890-60,G22B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT			S
1456	53	1	ED5D890-60,G24		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1460	61	1	848275418		ASSEMBLY,CABINET CM2 GROWTH BAYS 3 & 8 (NON-EMC, NON-APR, 5ESS-2000 CABINET)			13

STOCKLIST CONTINUED ON SHEET D3

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BT13	
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR COMMUNICATION MODULE GROWTH PACKAGES	
DWG SIZE C2	ISSUE 21
LUCENT TECHNOLOGIES INC	J5D020Z-1
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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1462	61	1	848798203		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1464	61	1	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1466	61	1	ED5D890-60,G25		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1470	61E	1	848275426		ASSEMBLY,CABINET CM2 GROWTH BAYS 3 & 8 (EMC, NON-APR, 5ESS-2000 CABINET)			13
1472	61E	1	848798203		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1474	61E	1	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1476	61E	1	ED5D890-60,G25		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1478	61E	1	ED5D890-60,G23		EQUIPMENT, STD MODEL HARWARE EMC KIT		S	
1480	62	1	848275434		ASSEMBLY,CABINET CM2 GROWTH BAYS 3 & 8 (NON-EMC, APR, 5ESS-2000 CABINET)			13
1482	62	1	848798203		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1484	62	1	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1486	62	1	ED5D890-60,G25		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1490	62E	1	848275442		ASSEMBLY,CABINET CM2 GROWTH BAYS 3 & 8 (EMC, APR, 5ESS-2000 CABINET)			13
1492	62E	1	848798203		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1494	62E	1	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1496	62E	1	ED5D890-60,G25		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1498	62E	1	ED5D890-60,G23		EQUIPMENT, STD MODEL HARWARE EMC KIT		S	
1500	63	1	848275459		ASSEMBLY,CABINET CM2 GROWTH BAYS 3 & 8 (NON-EMC, NON-APR, CLASSIC CABINET)			13
1502	63	1	848798211		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1504	63	1	ED5D890-60,G22B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1506	63	1	ED5D890-60,G25		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1510	110D	1	848287231		KIT,UNIT ASSEMBLY MPSU3 (BAYS 3 & 8)			
1512	110D	1	848798286		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1514	110D	1	ED5D890-60,G27		EQUIPMENT, STD MODEL HARWARE		S	
1520	320	1	848287272		KIT,UNIT ASSEMBLY TMSU3/EBUS, NON-APR (BAYS 4 & 7)			12
1522	320	1	848798328		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1524	320	1	848798427		KIT,HARDWARE TMSU3/EBUS CIRCUIIT PACK AND FUSE KIT			
1530	321	1	848287314		KIT,UNIT ASSEMBLY TMSU3/EBUS, APR (BAYS 4 & 7)			12
1532	321	1	848798336		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1534	321	1	848798427		KIT,HARDWARE TMSU3/EBUS CIRCUIT PACK AND FUSE KIT			

***** 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
1540	322	1	848287348		KIT,UNIT ASSEMBLY TMSU3/EBUS, NON-APR (BAYS 3 & 8)			12
1542	322	1	848798344		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1544	322	1	848798435		KIT,HARDWARE TMSU3/EBUS CIRCUIT PACK AND FUSE KIT			
1550	323	1	848287363		KIT,UNIT ASSEMBLY TMSU3/EBUS, APR (BAYS 3 & 8)			12
1552	323	1	848798351		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1554	323	1	848798435		KIT,HARDWARE TMSU3/EBUS CIRCUIT PACK AND FUSE KIT			
1600	71	1	848349528		ASSEMBLY,CABINET CM2 GROWTH BAYS 2 & 9 (NON-EMC, NON-APR, 5ESS-2000 CABINET)			13
1602	71	1	848798229		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1604	71	1	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1610	71E	1	848349536		ASSEMBLY,CABINET CM2 GROWTH BAYS 2 & 9 (EMC, NON-APR, 5ESS-2000 CABINET)			13
1612	71E	1	848798229		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1614	71E	1	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1616	71E	1	ED5D890-60,G23		EQUIPMENT, STD MODEL HARWARE EMC KIT		S	
1620	72	1	848349544		ASSEMBLY,CABINET CM2 GROWTH BAYS 2 & 9 (NON-EMC, APR, 5ESS-2000 CABINET)			13
1622	72	1	848798229		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1624	72	1	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1630	72E	1	848349551		ASSEMBLY,CABINET CM2 GROWTH BAYS 2 & 9 (EMC, APR, 5ESS-2000 CABINET)			13
1632	72E	1	848798229		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1634	72E	1	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1636	72E	1	ED5D890-60,G23		EQUIPMENT, STD MODEL HARWARE EMC KIT		S	
1640	73	1	848349569		ASSEMBLY,CABINET CM2 GROWTH BAYS 2 & 9 (NON-EMC, NON-APR, CLASSIC CABINET)			13
1642	73	1	848798237		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1644	73	1	ED5D890-60,G22B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	

STOCKLIST CONTINUED ON SHEET D4

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BT13

5ESS SWITCHING EQUIPMENT SPECIFICATION
FOR COMMUNICATION MODULE GROWTH
PACKAGES

DWG SIZE C2 ISSUE 21

LUCENT TECHNOLOGIES INC J5D020Z-1

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1660	81	1	848349577		ASSEMBLY,CABINET CM2 GROWTH BAYS 1 & 10 (NON-EMC, NON-APR, 5ESS-2000 CABINET)			13
1662	81	1	848798187		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1664	81	1	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1666	81	1	ED5D890-60,G26		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1670	81E	1	848349585		ASSEMBLY,CABINET CM3 GROWTH BAYS 1 & 10 (EMC, NON-APR, 5ESS-2000 CABINET)			13
1672	81E	1	848798187		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1674	81E	1	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1676	81E	1	ED5D890-60,G26		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1678	81E	1	ED5D890-60,G23		EQUIPMENT, STD MODEL HARWARE EMC KIT		S	
1680	82	1	848349593		ASSEMBLY,CABINET CM2 GROWTH BAYS 1 & 10 (NON-EMC, APR, 5ESS-2000 CABINET)			13
1682	82	1	848798187		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1684	82	1	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1686	82	1	ED5D890-60,G26		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1690	82E	1	848349601		ASSEMBLY,CABINET CM2 GROWTH BAYS 1 & 10 (EMC, APR, 5ESS-2000 CABINET)			13
1692	82E	1	848798187		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1694	82E	1	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1696	82E	1	ED5D890-60,G26		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1698	82E	1	ED5D890-60,G23		EQUIPMENT, STD MODEL HARWARE EMC KIT		S	
1700	83	1	848349619		ASSEMBLY,CABINET CM2 GROWTH BAYS 1 & 10 (NON-EMC, NON-APR, CLASSIC CABINET)			13
1702	83	1	848798245		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1704	83	1	ED5D890-60,G22B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1706	83	1	ED5D890-60,G26		EQUIPMENT, STD MODEL HARWARE CIRCUIT PACK KIT			
1720	91	1	848349627		ASSEMBLY,CABINET CM2 GROWTH BAYS 0 & 11 (NON-EMC, NON-APR, 5ESS-2000 CABINET)			13
1722	91	1	848798252		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1724	91	1	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
1730	91E	1	848349635		ASSEMBLY,CABINET CM2 GROWTH BAYS 0 & 11 (EMC, NON-APR, 5ESS-2000 CABINET)			13
1732	91E	1	848798252		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1734	91E	1	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	

***** 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
1736	91E	1	ED5D890-60,G23		EQUIPMENT, STD MODEL HARWARE EMC KIT			S
1740	92	1	848349643		ASSEMBLY,CABINET CM2 GROWTH BAYS 0 & 11 (NON-EMC, APR, 5ESS-2000 CABINET)			13
1742	92	1	848798252		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1744	92	1	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT			S
1750	92E	1	848349650		ASSEMBLY,CABINET CM2 GROWTH BAYS 0 & 11 (EMC, APR, 5ESS-2000 CABINET)			13
1752	92E	1	848798252		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1754	92E	1	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT			S
1756	92E	1	ED5D890-60,G23		EQUIPMENT, STD MODEL HARWARE EMC KIT			S
1760	93	1	848349676		ASSEMBLY,CABINET CM2 GROWTH BAYS 0 & 11 (NON-EMC, NON-APR, CLASSIC CABINET)			13
1762	93	1	848798260		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1764	93	1	ED5D890-60,G22B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT			S
1800	324	1	848352456		KIT,UNIT ASSEMBLY TMSU3/EBUS, NON-APR (BAYS 2 & 9)			12
1802	324	1	848798369		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1804	324	1	848798443		KIT,HARDWARE TMSU3/EBUS UNIT FUSE KIT			
1810	325	1	848352472		KIT,UNIT ASSEMBLY TMSU3/EBUS, APR (BAYS 2 & 9)			12
1812	325	1	848798377		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1814	325	1	848798443		KIT,HARDWARE TMSU3/EBUS UNIT FUSE KIT			
1820	326	1	848352480		KIT,UNIT ASSEMBLY TMSU3/EBUS, NON-APR (BAYS 1 & 10)			12
1822	326	1	848798385		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1824	326	1	848798468		KIT,HARDWARE TMSU3/EBUS CIRCUIT PACK AND FUSE KIT			
1830	327	1	848352498		KIT,UNIT ASSEMBLY TMSU3/EBUS, APR (BAYS 1 & 10)			12
1832	327	1	848798393		CABLE ASSEMBLY,COAXIAL CABLE KIT			
1834	327	1	848798468		KIT,HARDWARE TMSU3/EBUS CIRCUIT PACK AND FUSE KIT			
1840	328	1	848352506		KIT,UNIT ASSEMBLY TMSU3/EBUS, NON-APR (BAYS 0 & 11)			12

STOCKLIST CONTINUED ON SHEET D5

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BT13	
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR COMMUNICATION MODULE GROWTH PACKAGES	
DWG SIZE C2	ISSUE 21
LUCENT TECHNOLOGIES INC	J5D020Z-1
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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1842	328	1	848798401		CABLE ASSEMBLY, COAXIAL CABLE KIT			
1844	328	1	848798443		KIT, HARDWARE TMSU2/EBUS UNIT FUSE KIT			
1850	329	1	848352514		KIT, UNIT ASSEMBLY TMSU3/EBUS, APR (BAYS 0 & 11)			12
1852	329	1	848798419		CABLE ASSEMBLY, COAXIAL CABLE KIT			
1854	329	1	848798443		KIT, HARDWARE TMSU3/EBUS UNIT FUSE KIT			
1900	110E	1	848355707		KIT, UNIT ASSEMBLY MSPU3 (BAYS 2 & 9)			
1902	110E	1	848798294		CABLE ASSEMBLY, COAXIAL CABLE KIT			
1904	110E	1	ED5D890-60,G27		EQUIPMENT, STD MODEL HARWARE		S	
1910	110F	1	848355715		KIT, UNIT ASSEMBLY MSPU3 (BAYS 1 & 10)			
1912	110F	1	848798302		CABLE ASSEMBLY, COAXIAL CABLE KIT			
1914	110F	1	ED5D890-60,G27		EQUIPMENT, STD MODEL HARWARE		S	
1920	110G	1	848355723		KIT, UNIT ASSEMBLY MSPU3 (BAYS 0 & 11)			
1922	110G	1	848798310		CABLE ASSEMBLY, COAXIAL CABLE KIT			
1924	110G	1	ED5D890-60,G27		EQUIPMENT, STD MODEL HARWARE		S	
2000	11A	1	848426144		ASSEMBLY, CABINET 2-BAY CM2 FOR CONVERSION OFFICES (NON-EMC, 5ESS-2000 CABINET)			
2002	11A	1	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2010	11AE	1	848426151		ASSEMBLY, CABINET 2-BAY CM2 FOR CONVERSION OFFICES (EMC, 5ESS-2000 CABINET)			
2012	11AE	1	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2020	12A	1	848426177		ASSEMBLY, CABINET 2-BAY CM2 FOR CONVERSION OFFICES (NON-EMC, CLASSIC CABINET)			
2022	12A	1	ED5D890-60,G22B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2030	13A	1	848426185		ASSEMBLY, CABINET 4-BAY CM2 FOR CONVERSION OFFICES (NON-EMC, 5ESS-2000 CABINET)			
2032	13A	2	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2040	13AE	1	848426193		ASSEMBLY, CABINET 4-BAY CM2 FOR CONVERSION OFFICES (EMC, 5ESS-2000 CABINET)			
2042	13AE	2	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2050	14A	1	848426201		ASSEMBLY, CABINET 4-BAY CM2 FOR CONVERSION OFFICES (NON-EMC, CLASSIC CABINET)			
2052	14A	2	ED5D890-60,G22B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2060	15	1	848426219		ASSEMBLY, CABINET 6-BAY CM2 FOR CONVERSION OFFICES (NON-EMC, 5ESS-2000 CABINET)			
2062	15	3	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2070	15E	1	848426227		ASSEMBLY, CABINET 6-BAY CM2 FOR CONVERSION OFFICES (EMC, 5ESS-2000 CABINET)			

***** 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
2072	15E	3	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2080	16	1	848426235		ASSEMBLY, CABINET 6-BAY CM2 FOR CONVERSION OFFICES (NON-EMC, CLASSIC CABINET)			
2082	16	3	ED5D890-60,G22B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2090	21	1	848426243		ASSEMBLY, CABINET 2-BAY CM2 FOR NEW OFFICES (NON-EMC, 5ESS-2000 CABINET)			
2092	21	1	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2100	21E	1	848426250		ASSEMBLY, CABINET 2-BAY CM2 FOR NEW OFFICES (EMC, 5ESS-2000 CABINET)			
2102	21E	1	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2110	22	1	848426268		ASSEMBLY, CABINET 4-BAY CM2 FOR NEW OFFICES (NON-EMC, 5ESS-2000 CABINET)			
2112	22	2	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2120	22E	1	848426276		ASSEMBLY, CABINET 4-BAY CM2 FOR NEW OFFICES (EMC, 5ESS-2000 CABINET)			
2122	22E	2	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2130	23	1	848426284		ASSEMBLY, CABINET 6-BAY CM2 FOR NEW OFFICES (NON-EMC, 5ESS-2000 CABINET)			
2132	23	3	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2140	23E	1	848426300		ASSEMBLY, CABINET 6-BAY CM2 FOR NEW OFFICES (EMC, 5ESS-2000 CABINET)			
2142	23E	3	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2150	24	1	848441184		ASSEMBLY, CABINET 8-BAY CM2 FOR NEW OFFICES (NON-EMC, 5ESS-2000 CABINET)			
2152	24	4	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2160	24E	1	848441192		ASSEMBLY, CABINET 8-BAY CM2 FOR NEW OFFICES (EMC, 5ESS-2000 CABINET)			
2162	24E	4	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2170	25	1	848441200		ASSEMBLY, CABINET 10-BAY CM2 FOR NEW OFFICES (NON-EMC, 5ESS-2000 CABINET)			
2172	25	5	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2180	25E	1	848441218		ASSEMBLY, CABINET 10-BAY CM2 FOR NEW OFFICES (EMC, 5ESS-2000 CABINET)			

STOCKLIST CONTINUED ON SHEET D6

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BT13

5ESS SWITCHING EQUIPMENT SPECIFICATION
FOR COMMUNICATION MODULE GROWTH
PACKAGES

DWG SIZE C2 ISSUE 21

LUCENT TECHNOLOGIES INC J5D020Z-1

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STOCKLIST

ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
2182	25E	5	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2190	26	1	848441226		ASSEMBLY,CABINET 12-BAY CM2 FOR NEW OFFICES (NON-EMC, 5ESS-2000 CABINET)			
2192	26	6	ED5D890-60,G21B		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
2200	26E	1	848441234		ASSEMBLY,CABINET 12-BAY CM2 FOR NEW OFFICES (EMC, 5ESS-2000 CABINET)			
2202	26E	6	ED5D890-60,G21BE		EQUIPMENT, STD MODEL HARWARE SITE HARDWARE KIT		S	
3000	A30	1	848496840		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(30FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3010	A40	1	848496857		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(40FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3020	A50	1	848496865		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(50FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3030	A60	1	848496873		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(60FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3040	A70	1	848496881		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(70FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3050	A80	1	848496899		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(80FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3060	A90	1	848496907		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(90FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3070	A100	1	848496915		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(100FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3080	A110	1	848496923		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(110FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3090	A120	1	848496931		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(120FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3100	A130	1	848496949		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(130FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3110	A140	1	848496956		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(140FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3120	A150	1	848496964		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(150FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3130	A160	1	848496972		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(160FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3140	A170	1	848496980		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(170FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			
3150	A180	1	848496998		CABLE ASSEMBLY FIBER OPTIC LIGHTGUIDE (2 BLUE, 2 WHITE)(180FT. EACH) MAY BE 2 DUAL CABLES W/BUE & WHITE ENDS			

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

TABLE D2

LIST 1 CURRENT DRAIN FOR CM2 BAY 5						
BUS	A0	A1	A2	A3	A4	A5
	11.20	10.20	7.80	7.80	9.90	6.00
LIST 2 CURRENT DRAIN FOR CM2 BAY 5						
BUS	A0	A1	A2	A3	A4	A5
	13.70	12.40	9.60	9.60	12.10	7.30
LIST 1 CURRENT DRAIN FOR CM2 BAY 6						
BUS	B0	B1	B2	B3	B4	B5
	11.20	10.20	7.80	7.80	9.90	6.00
LIST 2 CURRENT DRAIN FOR CM2 BAY 6						
BUS	B0	B1	B2	B3	B4	B5
	13.70	12.40	9.60	9.60	12.10	7.30
LIST 1 CURRENT DRAIN FOR CM2 BAYS 0, 1, 2, 3 AND 4						
BUS	A0	A1	A2	A3	A4	A5
	3.60	0.50	7.80	7.80	9.90	6.00
LIST 2 CURRENT DRAIN FOR CM2 BAYS 0, 1, 2, 3 AND 4						
BUS	A0	A1	A2	A3	A4	A5
	4.40	0.60	9.60	9.60	12.10	7.30
LIST 1 CURRENT DRAIN FOR CM2 BAYS 7, 8, 9, 10 AND 11						
BUS	B0	B1	B2	B3	B4	B5
	3.60	0.50	7.80	7.80	9.90	6.00
LIST 2 CURRENT DRAIN FOR CM2 BAYS 7, 8, 9, 10 AND 11						
BUS	B0	B1	B2	B3	B4	B5
	4.40	0.60	9.60	9.60	12.10	7.30