

ISSUE NOTES (CONTINUED)				
NOTES 97 THRU 100, 151 THRU 153 ADDED; GROUPS W THRU AD ADDED, GROUPS 304 & 305, RATING WAS "NRTO"; MFG NOTE 12 ADDED; SL ITEMS 2480 THRU 2620, FIG. 16A THRU 23 ADDED.				
ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-32 CHANGE CLASS: B				
DRAFT: TMR	ENGR: TMR	SUPV:	CERTIFIED: 03/01/91	ISSUE: 29
GROUPS 98, 99 AND 405 THROUGH 407 ADDED.				
ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-31 CHANGE CLASS: M				
DRAFT: TMR	ENGR: TMR	SUPV:	CERTIFIED: 03/20/91	ISSUE: 30
GROUP 81 RATED 'DA'; GROUP 408 ADDED; SL LINE 2680 ADDED; NOTE 89 REF TO GROUP 81 LINED OUT, GROUP 408 ADDED, NDD5D522NW-34; GROUP 105, 106, 205, 206, SL LINES 2690 THRU 2720 ADDED. NDD5D522NW-35.				
ORIG ISS: 09/23/86 CHANGE CLASS: B				
DRAFT: TMR	ENGR: TMR	SUPV:	CERTIFIED: 05/03/91	ISSUE: 31
GROUP AE; SL ITEMS 1745 & 1746 ADDED ITEM 1740 LINED OUT.				
ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-36 CHANGE CLASS: B				
DRAFT: TMR	ENGR: TMR	SUPV:	CERTIFIED: 05/31/91	ISSUE: 32
IN ENG NOTES, REF TO GROUPS 411 & 412 ADDED TO 154, REF TO GROUP 412 ADDED TO 155; IN TABLE A GROUPS 409 THRU 412 ADDED; IN SL ITEMS 2730 THRU 2760 ADDED.				
ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-38 CHANGE CLASS: M				
DRAFT: TMR	ENGR: TMR	SUPV: EJZ	CERTIFIED: 08/05/91	ISSUE: 33
NOTE 59 MODIFIED; 64 & 66 REF TO 3B2/522 & 600 ADDED; 67 & 68 LINED OUT; 74 REF TO 3B2/522 G11B & 11C ADDED; 94 REF TO REL. 5E7 ADDED; 96 REF TO G11B & 11C ADDED; TBL A G11A & 11C ADDED; 11A,12 & 93 RATED (DA); G91,92 & 95 REF TO 11B & 11C ADDED; SL ITEMS 1267 - 1269, 1271 & 1272 ADDED.				
ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-39 CHANGE CLASS: M				
DRAFT: TMR	ENGR: TMR	SUPV: EJZ	CERTIFIED: 08/05/91	ISSUE: 34
GROUPS 413 - 415; LS LINES 2770 -2790 ADDED.				
ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-41 CHANGE CLASS: ME				
DRAFT: TMR	ENGR: TMR	SUPV: EJZ	CERTIFIED: 02/07/92	ISSUE: 35

ISSUE NOTES (CONTINUED)				
TABLE A GROUPS 1A,78,K & L READ STANDARD. GROUPS 81 THRU 90 & M ADDED; SL ITEMS 1305,1306,2035,2205 THRU 2320 ADDED; SL ITEM 1290 LINED OUT. NOTES 55,71,74 & 75 REVISED, NOTES 83 THRU 90 ADDED; FIG 13 AND 14 ADDED.				
ORIG ISS: 09/23/86 CHANGE CLASS: B				
DRAFT: PKK	ENGR: TMR	SUPV:	CERTIFIED: 03/30/90	ISSUE: 24
GROUP 79 RATED DA, GROUP 87 DESCR READ '(AVAIL. NOV 1990)', GROUP 94 ADDED; IN SL LINE 2293 ADDED, LINE 2295 CC # READ '105467450', CODE READ '7A'.				
ORIG ISS: 09/23/86 CHANGE CLASS: AC				
DRAFT: TMR	ENGR: TMR	SUPV:	CERTIFIED: 08/09/90	ISSUE: 25
NOTE 59 READ 'J5D008H-1', 63 REF TO PHONE NO'S ADDED, 66 REF TO 3B2/300 REMVD, 74 REVISED, 91 THRU 96 ADDED; TBL A G2 REF TO NOTE 63 ADDED, G10 & 11 RATED 'DA', G85 REF TO G67 READ G7,8 OR 9, G90 REF TO G88 READ 87, G81 - 84 & 104 RATING READ NRTO; G11A, 91-94, 95,400-404 & N-T ADDED SL ITEMS 1030 & 1040 REF TO G91 ADDED, ITEM 1230, 1241 G11A READ 11, ITEM 1730REF TO GS ADDED, ITEM 1245 G95 ADDED, ITEMS 1231, 1260 - 1265 & 2340 -2410 ADDED, ITEM 2210 PROD IDENT READ '405966289', ITEM 2205 & 2230 REMVD.				
ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-25 CHANGE CLASS: M				
DRAFT: TMR	ENGR: TMR	SUPV:	CERTIFIED: 08/24/90	ISSUE: 26
TBL A G21 DESCRIPTION READ 'EXPERIENCED OPERATORS', GENERIC READ '5E5'; G22,23,29,30,34,41 & 68 RERATED TO 'DA', G52 RATING WAS 'DA'; ALL REF TO 'U.S.WEST' & 'AT&T NET. SVCS DIV' READ 'SOUTHWESTERN BELL' & 'AT&T COMMUNICATIONS' RESPY; G96 & 97 ADDED; IN SL ALL REF TO '(5E4(2))' READ '(5E42)' ITEMS 2420 & 3430 ADDED				
ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-27 CHANGE CLASS: M				
DRAFT: TMR	ENGR: TMR	SUPV:	CERTIFIED: 08/29/90	ISSUE: 27
IN TABLE A GROUPS 64 & 65 'ALWAYS' ADDED TO DESCRIPTION; GROUPS 304, 305, U & V ADDED; IN SL ITEMS 2210 & 2215 LINED OUT, ITEMS 2216 & 2440 THRU 2470 ADDED.				
ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-29 CHANGE CLASS: B				
DRAFT: TMR	ENGR: TMR	SUPV:	CERTIFIED: 01/04/91	ISSUE: 28

ISSUE NOTES				
GROUPS 33 THRU 54 AND SL ITEMS 1510 THRU 1720 ADDED.				
ORIG ISS: 09/23/86 CHANGE CLASS: B				
DRAFT: RJW	ENGR: RJW	SUPV:	CERTIFIED: 11/30/88	ISSUE: 15
GRP F, SL ITEM 1730; ADDED. SL ITEM 1250 COMCODE READ 405605619.				
ORIG ISS: 09/23/86 CHANGE CLASS: B				
DRAFT: DSL	ENGR: JJR	SUPV:	CERTIFIED: 02/01/89	ISSUE: 16
GROUPS 55,56 & 58 ADDED, G,H & J ADDED. NOTES 75 & 76 ADDED. FIG 1 REVISED. FIG 11 ADDED. GROUPS 57 & 59 READ 'RESERVED FOR FUTURE USE'.				
ORIG ISS: 09/23/86 CHANGE CLASS: B				
DRAFT: DSL	ENGR: JJR	SUPV:	CERTIFIED: 07/12/89	ISSUE: 17
GROUPS 100 & 102 RERATED TO 'DA'. GROUPS 100A & 102A ADDED. SL ITEM 1340 LINED OUT & ITEM 1341 ADDED PER POINT ISSUE.				
ORIG ISS: 09/23/86 CHANGE CLASS: A				
DRAFT: PKK	ENGR: RFK	SUPV:	CERTIFIED: 11/17/89	ISSUE: 18
GROUPS 200A & 202A RERATED TO 'DA'. GROUPS 200B & 202B ADDED.				
ORIG ISS: 09/23/86 CHANGE CLASS: A				
DRAFT: PKK	ENGR: RFK	SUPV:	CERTIFIED: 11/17/89	ISSUE: 19
ENG NOTES 77 & 78; TBL A GROUPS 60-65, 300 & 301; SL ITEMS 1860-1930 ADDED. SL ITEM 1340 LINED OUT & 1341 ADDED ON ISSUE 19. SL ITEMS 1330 & 1350 LINED OUT AND 1331 & 1351 ADDED.				
ORIG ISS: 09/23/86 CHANGE CLASS: B				
DRAFT: ERB	ENGR: ERB	SUPV:	CERTIFIED: 11/28/89	ISSUE: 20
TABLE A GROUPS 302, 303, K & L; SL ITEMS 1940-1990 ADDED.				
ORIG ISS: 09/23/86 CHANGE CLASS: B				
DRAFT: ERB	ENGR: ERB	SUPV:	CERTIFIED: 02/23/90	ISSUE: 21
TABLE A GROUPS 1A, 66, 103 & 104; SL ITEMS 1001, 2000, 2010, 2020 & 2030; ENG NOTE 79 ADDED. ENG NOTES 60 & 73 REVISED BY LINE-OUT.				
ORIG ISS: 09/23/86 CHANGE CLASS: B				
DRAFT: ERB	ENGR: ERB	SUPV:	CERTIFIED: 02/23/90	ISSUE: 22
GROUPS 7,8,9,33,35 THRU 40,42,44 THRU 48,50 THRU 53 READ STANDARD. GROUPS 67 THRU 80 ADDED. SL ITEMS 2040 THRU 2190 ADDED. NOTE 54 REVISED. SL ITEMS 1071,1072 LINED OUT. SL ITEM 1073 ADDED. NOTES 80, 81 & 82 ADDED. GROUPS 21,100A,102A,103,104 & 303 DESCRIPTION REVISED. ENGR NOTE 74 I/O CARD READ 105125223. GROUP 66 ADDED TO SL ITEM 2010.				
ORIG ISS: 09/23/86 CHANGE CLASS: B				
DRAFT: PKK	ENGR: JJR	SUPV:	CERTIFIED: 02/23/90	ISSUE: 23

SHEET INDEX											
SHT NBR	A1 THRU A17 ISSUE 55										
ISSUE											
SHT NBR	D1 THRU D7 ISSUE 55										
ISSUE											
SHT NBR	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
ISSUE	50	50	50	50	50	50	50	50	50	50	50
SHT NBR	B12	B13	B14	B15	B16	B17	B18				
ISSUE	50	50	51	51	51	52	51				
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BT13	
5ESS* SWITCHING EQUIPMENT TERMINAL AND PROCESSOR CONNECTION FOR OPERATOR SERVICES POSITION SYSTEM * LUCENT TRADE MARK	
DWG SIZE C2	ISSUE 55
LUCENT TECHNOLOGIES INC	ED5D522-33
SHEET A1 OF 42	

ISSUE NOTES (CONTINUED)	ISSUE NOTES (CONTINUED)	ISSUE NOTES (CONTINUED)																														
<p>THE FOLLOWING CHANGES INCORPORATED INTO THIS DRAWING:</p> <ul style="list-style-type: none"> <li>- GROUPS 435B, 435C, 435D, 435E, 435F, 435G, 435H, 435J, 450, 460, 470, 480, 490 ADDED TO TABLE A.</li> <li>- GROUPS 435A, 436, 437A, 438, 439A RATED DA EFFECTIVE:09/30/98.</li> <li>- S/L ITEMS #4220-4227, 4230, 4235, 4240, 4250-4253, 4260 ADDED.</li> <li>- NOTE 'X' WAS ADDED TO STOCKLIST ITEMS #1076, 1077, 2346, 4220-4227, 4230, 4235, 4240, 4250-4253 AND 4260.</li> <li>- GROUPS 460, 470, 480, 490 ADDED TO S/L ITEM #2540.</li> <li>- ENGINEERING NOTES 175, 176 AND 500 ADDED.</li> <li>- ENGINEERING NOTES (EN'S) 175,176 &amp; 500 WERE ADDED TO GROUPS 435(B,C,D,E,F,G,H &amp; J); EN'S 176 &amp; 500 WERE ADDED TO GROUPS 5A,450,460,470,480 &amp; 490; EN'S 175 &amp; 176 WERE ADDED TO GROUP 435A; EN'S 176 WAS ADDED TO GROUP 92; EN 500 ADDED TO GROUPS 436,437A,438 AND 439.</li> <li>- GRAPHIC SHEETS B17 AND B18 WERE ADDED.</li> <li>- THE FOLLOWING GRAPHIC SHEETS WERE RENUMBERED IN THE FOLLOWING MANNER: B15 READ B14; B16 READ B15; B18 READ B16.</li> <li>- FIGURES 26A AND 28A WERE ADDED TO GRAPHIC SHEETS B14 &amp; B17, RESPECTIVELY.</li> </ul> <p>ORIG ISS: 09/23/86 CHANGE CLASS: ME</p>	<p>(H7555)TABLE A GRPS 202B,205,206,302, &amp; 303 RATED 'DA'. TABLE A GRPS 105,106,207,208, &amp; 209 MODIFIED.</p> <p>ORIG ISS: 09/23/86 CHANGE CLASS: ME</p> <table border="1"> <tr> <td>DRAFT: GTC</td> <td>ENGR: GTC</td> <td>SUPV: JZG</td> <td>CERTIFIED: 05/18/95</td> <td>ISSUE: 44</td> </tr> </table> <p>(H7558)TABLE A GRPS 1,2,60,61,62,63,64,65,75,76 &amp; E RATED 'DA'. ORIG ISS: 09/23/86 CHANGE CLASS: ME</p> <table border="1"> <tr> <td>DRAFT: GTC</td> <td>ENGR: GTC</td> <td>SUPV: JZG</td> <td>CERTIFIED: 05/22/95</td> <td>ISSUE: 45</td> </tr> </table> <p>ADDED GROUP 429, 426 &amp; 431. DA GROUPS 19, 43, 55, 56, 80, 86, 88, 99, 405, T &amp; AA. NDD5D522NW-60 &amp; NDD5D522NW-61.</p> <p>ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-59 CHANGE CLASS: B</p> <table border="1"> <tr> <td>DRAFT: RRP</td> <td>ENGR: RRP</td> <td>SUPV: JZG</td> <td>CERTIFIED: 09/01/95</td> <td>ISSUE: 46</td> </tr> </table>	DRAFT: GTC	ENGR: GTC	SUPV: JZG	CERTIFIED: 05/18/95	ISSUE: 44	DRAFT: GTC	ENGR: GTC	SUPV: JZG	CERTIFIED: 05/22/95	ISSUE: 45	DRAFT: RRP	ENGR: RRP	SUPV: JZG	CERTIFIED: 09/01/95	ISSUE: 46	<p>LISTS 105,106,200B,201A,N,P &amp; 11B RATING WAS STANDARD. LISTS 11D,207,208 &amp; 209 ADDED.</p> <p>ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-42 CHANGE CLASS: B</p> <table border="1"> <tr> <td>DRAFT: TMR</td> <td>ENGR: TMR</td> <td>SUPV: EJZ</td> <td>CERTIFIED: 05/05/92</td> <td>ISSUE: 36</td> </tr> </table> <p>NOTE 156 ADDED; IN TABLE A GROUPS 416 &amp; AF &amp; REF TO ADDED; ON SHT B12, FIG. 24 &amp; 25 ADDED.</p> <p>ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-43 CHANGE CLASS: B</p> <table border="1"> <tr> <td>DRAFT: TMR</td> <td>ENGR: TMR</td> <td>SUPV: PK</td> <td>CERTIFIED: 02/01/93</td> <td>ISSUE: 37</td> </tr> </table> <p>LISTS 300 &amp; 301 RATING WAS "STANDARD" LIST 210 ADDED.</p> <p>ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-44 CHANGE CLASS: B</p> <table border="1"> <tr> <td>DRAFT: TMR</td> <td>ENGR: TMR</td> <td>SUPV: PK</td> <td>CERTIFIED: 02/02/93</td> <td>ISSUE: 38</td> </tr> </table>	DRAFT: TMR	ENGR: TMR	SUPV: EJZ	CERTIFIED: 05/05/92	ISSUE: 36	DRAFT: TMR	ENGR: TMR	SUPV: PK	CERTIFIED: 02/01/93	ISSUE: 37	DRAFT: TMR	ENGR: TMR	SUPV: PK	CERTIFIED: 02/02/93	ISSUE: 38
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<table border="1"> <tr> <td>DRAFT: AF</td> <td>ENGR: AF</td> <td>SUPV:</td> <td>CERTIFIED: 08/19/98</td> <td>ISSUE: 51</td> </tr> </table>	DRAFT: AF	ENGR: AF	SUPV:	CERTIFIED: 08/19/98	ISSUE: 51	<table border="1"> <tr> <td>DRAFT: RRP</td> <td>ENGR: RRP</td> <td>SUPV: JZG</td> <td>CERTIFIED: 03/07/96</td> <td>ISSUE: 47</td> </tr> </table>	DRAFT: RRP	ENGR: RRP	SUPV: JZG	CERTIFIED: 03/07/96	ISSUE: 47	<table border="1"> <tr> <td>DRAFT: TMR</td> <td>ENGR: TMR</td> <td>SUPV: PK</td> <td>CERTIFIED: 07/16/93</td> <td>ISSUE: 39</td> </tr> </table>	DRAFT: TMR	ENGR: TMR	SUPV: PK	CERTIFIED: 07/16/93	ISSUE: 39															
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<p>IN ISSUE NOTE 51, GROUPS 92 AND 439 SHOULD READ 92A AND 439A, RESPECTIVELY.</p> <p>CASE # H8545 THE FOLLOWING MODIFICATIONS WERE PERFORMED:</p> <ul style="list-style-type: none"> <li>- THE FOLLOWING ENGINEERING NOTES WERE MODIFIED OR CREATED:</li> <li>#81: OAP-2/3 READ OAP-2</li> <li>#94: 5E5,5E6,5E7,5E8 &amp; 5E9 SOFTWARE RELEASE TABLES WERE REMOVED AND REPLACED WITH 5E11.1, 5E12.1 &amp; 5E13.1 SOFTWARE RELEASE TABLES</li> <li>#177: CREATED &amp; ADDED TO REF NOTE SECTION OF GROUPS:435A, 435B,435C,435D,435E,435F,435G,435H,435J,436,437A,438 &amp; 439A</li> </ul> <ul style="list-style-type: none"> <li>- THE FOLLOWING ITEMS IN TABLE A WERE MODIFIED OR CREATED:</li> <li>G436: "GROUP 435A" READ "GROUP 435" IN DESCRIPTION</li> <li>G436,437A,438,439A: "DA EFF:09/30/98" &amp; "FE/RA:NONE" WERE REMOVED</li> <li>G436,438: "REPL:NONE" WAS ADDED</li> <li>G435A,436,437A,438,439A: GIVEN "LA" RATING</li> <li>G435A: "DA EFF:09/30/98" WAS REMOVED AND REPLACED WITH RECOMMENDED ALTERNATIVES ED5D522-33,G435B-H &amp; G435J</li> <li>G435B,435C,435D,435E,435F,435G,435H,435J: "REPL:ED5D522-33 G435A" WAS REMOVED AND REPLACED WITH "REPL:NONE"</li> <li>G438: "GROUP 435A" AND "GROUP 438" READ "GROUP 418" AND "GROUP 421", RESPECTIVELY IN DESCRIPTION</li> <li>G439A: QTY 1 WAS ADDED</li> <li>G500 WAS ADDED</li> </ul> <ul style="list-style-type: none"> <li>- THE FOLLOWING ITEMS IN THE STOCKLIST WERE MODIFIED OR CREATED:</li> <li>S/L ITEM 4205 READ 4200</li> <li>S/L ITEMS 4151 &amp; 4199 WERE LINED OUT AND S/L 4152 &amp; 4200 WERE ADDED, RESPECTIVELY</li> <li>S/L ITEMS 4240 WAS LINED OUT</li> <li>S/L ITEM 4245 WAS ADDED</li> </ul> <ul style="list-style-type: none"> <li>- GRAPHIC SHEET B17 MODIFIED: PARALLEL PORTS REMOVED FROM BOTH SAI/P'S; "SERIAL B" PORT CHANGED TO A 9 PIN PORT; "TPE" ADDED BETWEEN COMPUTER AND WALL SOCKET</li> </ul> <ul style="list-style-type: none"> <li>- IN ENGINEERING NOTE #173, GROUP 440A SUPERCOMCODE KIT 601888530 READ 601868508.</li> </ul> <p>ORIG ISS: 09/23/86 CHANGE CLASS: ME</p>	<p>IN TABLE A GROUP 431 HAS BEEN DA'D AND REPLACED BY GROUP 431A. ADDED STOCK LIST ITEMS 4150,4160,4170 AND 4180.</p> <p>ORIG ISS: 09/23/86 CHANGE CLASS: MF</p> <table border="1"> <tr> <td>DRAFT: RRP</td> <td>ENGR: RRP</td> <td>SUPV: JZG</td> <td>CERTIFIED: 03/07/96</td> <td>ISSUE: 47</td> </tr> </table> <p>IN TABLE A, GROUPS 73,418, 419, 420, 421 AND 422 ARE RATED DA; GROUPS 435,436,437,438 AND 439 WERE ADDED.</p> <p>ORIG ISS: 09/23/86 CHANGE CLASS: ME</p> <table border="1"> <tr> <td>DRAFT: WFB</td> <td>ENGR: WFB</td> <td>SUPV: JGZ</td> <td>CERTIFIED: 11/06/96</td> <td>ISSUE: 48</td> </tr> </table> <p>ADD GROUP 440 TO TABLE A.</p> <p>ORIG ISS: 09/23/86 CHANGE CLASS: ME</p> <table border="1"> <tr> <td>DRAFT: WFB</td> <td>ENGR: WFB</td> <td>SUPV: JZG</td> <td>CERTIFIED: 11/27/96</td> <td>ISSUE: 49</td> </tr> </table>	DRAFT: RRP	ENGR: RRP	SUPV: JZG	CERTIFIED: 03/07/96	ISSUE: 47	DRAFT: WFB	ENGR: WFB	SUPV: JGZ	CERTIFIED: 11/06/96	ISSUE: 48	DRAFT: WFB	ENGR: WFB	SUPV: JZG	CERTIFIED: 11/27/96	ISSUE: 49	<p>NOTES 72, 92 &amp; 96 LINED OUT, 74, 95 &amp; 152 MODIFIED, 94 REF TO 5E8 ADDED, 157 THRU 161 ADDED; TABLE A, GROUP 11C &amp; 11D FE:INFO ADDED GROUPS 17, 18, 92 &amp; 94 RATING WAS "STANDARD", 82A, 92A, 417, AG &amp; AH ADDED GROUPS 91 &amp; 95 REF TO GROUP 11D ADDED; STOCKLIST AND "B" SHEETS CHANGED ACCORDINGLY; LISTS 21, 25, 28, 32, 69 &amp; 69 RATING WAS "STANDARD".</p> <p>ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-45 CHANGE CLASS: MF</p> <table border="1"> <tr> <td>DRAFT: TMR</td> <td>ENGR: TMR</td> <td>SUPV: PK</td> <td>CERTIFIED: 07/16/93</td> <td>ISSUE: 39</td> </tr> </table> <p>NOTES 59, 64, 66, 71, 74, 91, 93, 94, 95, 151, 159, AND 160 MODIFIED. NOTES 162 THRU 165 ADDED. GROUPS 11D, 16, AND 77 RERATED TO DA. GROUPS 418 THRU 422 AND STOCKLIST ITEMS 2960 THRU 3060 ADDED TO INTRODUCE OAP-2. SL ITEMS 2830 AND 2930 WERE DELETED.</p> <p>ORIG ISS: 09/23/86 NDD NBR: NDD5D522NW-52 CHANGE CLASS: B</p> <table border="1"> <tr> <td>DRAFT: JBL</td> <td>ENGR: JBL</td> <td>SUPV: JLO</td> <td>CERTIFIED: 05/25/94</td> <td>ISSUE: 40</td> </tr> </table>	DRAFT: TMR	ENGR: TMR	SUPV: PK	CERTIFIED: 07/16/93	ISSUE: 39	DRAFT: JBL	ENGR: JBL	SUPV: JLO	CERTIFIED: 05/25/94	ISSUE: 40					
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<table border="1"> <tr> <td>DRAFT: AF</td> <td>ENGR: AF</td> <td>SUPV:</td> <td>CERTIFIED: 01/19/99</td> <td>ISSUE: 52</td> </tr> </table>	DRAFT: AF	ENGR: AF	SUPV:	CERTIFIED: 01/19/99	ISSUE: 52	<p>THE FOLLOWING CHANGES WERE INCORPORATED INTO THIS DRAWING:</p> <ul style="list-style-type: none"> <li>- GROUPS 5A, 431B, 435A, 437A, 439A, 440A AND AJ ADDED TABLE A.</li> <li>- GROUPS 5, 58, 66, 74, 83A, 85, 91, 95, 96, 98, 100A, 101, 102A, 103, 104, 203, 207 - 210, 400 - 403, 409 - 415, 425, 427, 428, 431A, 435, 437, 439, 440, F, G, H, J, M, S, U, V, AB AND AE DA'D IN TABLE A; GROUP 99 DA EFF DATE ADDED; GROUP 417 DESCRIPTION READ, "EQUIPMENT REQUIRED TO PROVIDE ONE 3810 STANDALONE DATA SET UNIT".</li> <li>- ENGINEERING NOTES 171, 172 AND 173 ADDED; NOTE 156 MODIFIED TO READ, "...SEE ED5D522-33 FIG. 25 OR 27 FOR HANDSET CONNECTION DETAILS."</li> <li>- ALL GRAPHIC SHEETS CONVERTED TO OR CREATED USING PRO/ENGINEER.</li> <li>- GRAPHIC FIGURES 28, 29 &amp; 30 ADDED ON SHEETS B15 &amp; B16; FIGURES 5A, 6, 7, 10A, 13, 14, 19, 20, 25, 26 &amp; 27 UPDATED; FIGURES 3, 4, 5, 6, 9, 10, 15 AND 18 CROSS HATCHED; FIGURES 1, 2, 7, 8, 11, 12, 13, 14 AND 25 DA'D AND CROSS HATCHED.</li> <li>- S/L ITEM #1074, 2345, 4192 LINED OUT; ITEM #'S 1075, 1076, 1077, 2346, 2601, 4151, 4194, 4199, 4200 AND 4210 ADDED; ITEM #4187 COMCODE READ 407619501;ITEM #4193 COMCODE READ 407619600; ITEM #4185 DESCRIPTION READ "...S5FX1-110-32-P42".</li> <li>- ANY REFERENCES TO A L/G OR FIG FOR ED5D522-33 IN TABLE A WERE REMOVED AND REPLACED WITH REF NOTE 172.</li> <li>- ALL REFERENCES TO 'AT&amp;T' CHANGED TO READ 'LUCENT TECHNOLOGIES'.</li> </ul> <p>ORIG ISS: 09/23/86 CHANGE CLASS: ME</p> <table border="1"> <tr> <td>DRAFT: AF</td> <td>ENGR: AF</td> <td>SUPV:</td> <td>CERTIFIED: 02/26/98</td> <td>ISSUE: 50</td> </tr> </table>	DRAFT: AF	ENGR: AF	SUPV:	CERTIFIED: 02/26/98	ISSUE: 50	<p>NOTES 84 AND 89 WERE MODIFIED. NOTE 166 WAS ADDED. GROUPS 20, 24, 26, 27, 31, 49, 52, 54, 82A, 89, 406, 407, AND 408 WERE RERATED TO DA. GROUP 425 AND STOCKLIST ITEMS 4000 THRU 4030 WERE ADDED. REFERENCE TO NOTE 159 REMOVED FROM STOCKLIST ITEM 2250. STOCKLIST ITEM 3060 MODIFIED TO INDICATE "S" ITEM</p> <p>ORIG ISS: 09/23/86 CHANGE CLASS: B</p> <table border="1"> <tr> <td>DRAFT: JBL</td> <td>ENGR: JBL</td> <td>SUPV: JLO</td> <td>CERTIFIED: 07/11/94</td> <td>ISSUE: 41</td> </tr> </table> <p>GROUPS 83, 84, AND NOTE 89 MODIFIED. GROUP 83 RERATED TO DA. GROUP 83A AND STOCKLIST ITEM 2255 ADDED. STOCKLIST ITEMS 4010 AND 4020 MODIFIED TO INDICATE "S" ITEM. STOCKLIST ITEM 2960 MODIFIED TO ADD "-05" TO DESCRIPTION</p> <p>ORIG ISS: 09/23/86 CHANGE CLASS: B</p> <table border="1"> <tr> <td>DRAFT: JBL</td> <td>ENGR: JBL</td> <td>SUPV: RRP</td> <td>CERTIFIED: 10/10/94</td> <td>ISSUE: 42</td> </tr> </table> <p>GROUP 84 RERATED TO DA. GROUP 84A AND STOCKLIST ITEM 2261 ADDED. NOTE 89 AND FIG. 13 MODIFIED.</p> <p>ORIG ISS: 09/23/86 CHANGE CLASS: B</p> <table border="1"> <tr> <td>DRAFT: JBL</td> <td>ENGR: JBL</td> <td>SUPV: JZ</td> <td>CERTIFIED: 12/15/94</td> <td>ISSUE: 43</td> </tr> </table>	DRAFT: JBL	ENGR: JBL	SUPV: JLO	CERTIFIED: 07/11/94	ISSUE: 41	DRAFT: JBL	ENGR: JBL	SUPV: RRP	CERTIFIED: 10/10/94	ISSUE: 42	DRAFT: JBL	ENGR: JBL	SUPV: JZ	CERTIFIED: 12/15/94	ISSUE: 43					
DRAFT: AF	ENGR: AF	SUPV:	CERTIFIED: 01/19/99	ISSUE: 52																												
DRAFT: AF	ENGR: AF	SUPV:	CERTIFIED: 02/26/98	ISSUE: 50																												
DRAFT: JBL	ENGR: JBL	SUPV: JLO	CERTIFIED: 07/11/94	ISSUE: 41																												
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5ESS\* SWITCHING EQUIPMENT  
TERMINAL AND PROCESSOR  
CONNECTION FOR OPERATOR  
SERVICES POSITION SYSTEM  
\* LUCENT TRADE MARK

BT13	
DWG SIZE C2	ISSUE 55

ENGINEERING NOTES

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

65. IT IS RECOMMENDED THE OAP/OAP-2 BE SUPPLIED WITH PROTECTED POWER WHEN EVER POSSIBLE.
66. CURRENT DRAINS FOR OSPS EQPT IS AS FOLLOWS:
- |                  |        |         |
|------------------|--------|---------|
| 3B2/310          | 115VAC | 4AMPS   |
| 3B2/400          | 115VAC | 6AMPS   |
| 3B2/522          | 115VAC | 7AMPS   |
| 3B2/600          | 115VAC | 12AMPS  |
| ADMIN PRINTER    | 115VAC | .57AMPS |
| ADMIN CRT        | 115VAC | .5AMPS  |
| SUN SPARCCLASSIC | 115VAC | 7AMPS   |
67. \$CABLE FURNISHED WITH TX700 PAD IS 10 FT. LONG. LUCENT TECHNOLOGIES 2096 DATA SET TO BE LOCATED IN CLOSE PROXIMITY TO TX700 PAD.\$
68. \$THIS EQUIPMENT WILL ALLOW THE OAP WHEN USED AS FMC TO BE LOCATED OVER 200 MILES FROM THE OSC.\$
69. REQUIREMENTS AND QUANTITIES FOR THESE GROUPS WILL BE DETERMINED BY THE OSPS CUSTOMER.
70. \$SEE TABLE C ON ED5D643-30 FOR GENERIC PROGRAM AND FIRMWARE COMPATIBILITY.\$
71. \$REPLACEMENT KEY DESIGNATION TABS ARE BEING PROVIDED FOR VDT KEYBOARDS WHICH SHIPPED EARLY OR JOBS SUBJECT TO REARRANGEMENT BASED ON CUSTOMER REQUIREMENTS.\$
72. \$EMULATION CARTRIDGE IS REQUIRED FOR THE 5E4(2) GENERIC ONLY.\$
73. FOR TYPICAL ACD APPLICATIONS, ALTERNATE POWER SOURCES FOR BST'S ARE AVAILABLE AS FOLLOWS:
- | QTY  | INPUT  | OUTPUT     | COMCODE      |
|------|--------|------------|--------------|
| BST  | CABLE  | CABLE      |              |
|      | LENGTH | LENGTH     |              |
| ---  | ---    | ---        | ---          |
| 1    | 6FT.   | ONE-6FT.   | 405736638    |
| \$ 2 | 6FT.   | TWO-7FT.   | 405736646    |
| 3    | 6FT.   | THREE-9FT. | 405736653 \$ |
- INPUT POWER IS 110V AC-OUTPUT POWER IS -48V DC. UNITS ARE CAPABLE OF WALL OR TABLE TOP MOUNTING. QUANTITIES TO BE DETERMINED BY CUSTOMER.
74. \$USING EPORTS FEATURE CARDS ONLY \$(11 BOARDS MAX.), 3B2/400 AND 3B2/522 SUPPORTS 90 SERIAL PORTS.\$ (TYPICALLY 4 CARDS SUPPLYING 32 PORTS.) PROCESSOR AS ORDERED IN GROUP \$11A,11B OR\$ 11D COME EQUIPPED WITH ONE EPORTS CARD. \$PROCESSORS AS ORDERED IN GROUP 11C COME EQUIPPED WITH THREE EPORTS CARDS.\$
75. THE 7516 ACT AND THE 7526 ACT PLUS ARE ENGINEERED FROM THE 5ESS SWITCH CUSTOMER PREMISE PLANNING GUIDE 533-700-100. THE 7516 IS ELECTRICALLY EQUIVALENT TO THE 7506D TERMINAL. THE GUIDE CONTAINS ENGINEERING AND ORDERING INFORMATION REGARDING POWER SUPPLIES, CABLING, TERMINATING RESISTORS, AND THE USE OF OTHER ASSOCIATED HARDWARE.
76. BEFORE READING THIS DOCUMENT, SEE SECTION 6 OF EITHER DOCUMENTS ORDERED IN LIST G OR H.
77. QUANTITIES OF GROUPS SHALL BE DETERMINED BY JOB CONDITIONS.
78. THE FOLLOWING PROCEDURE SHOULD BE USED TO UPDATE THE VDT KEYBOARD FOR GENERIC 5E5:
- MODIFICATIONS TO VDT KEYBOARD 56K114ADR FOR GENERIC 5E5
1. REMOVE TERMINAL FROM SERVICE.
  2. DISCONNECT KEYBOARD FROM DISPLAY.
  3. REMOVE BLANK GRAY KEYCAP (POS 29) (SEE FIG 12) WITH KEYCAP PULLER.\*
  4. INSTALL NEW BLUE KEYCAP (POS 29) (LEGEND-ACCP BLG).
  5. VERIFY PROPER INSTALLATION OF KEYCAP.
  6. RECONNECT KEYBOARD TO DISPLAY.
  7. VERIFY THAT ALL KEYBOARD TESTS PASS ATP.
  8. RETURN TERMINAL TO SERVICE.
- \* KEYCAP PULLER #287PRO10 OR EQUIVALENT.
- KEYCAP PULLER #287PRO10 MAY BE OBTAINED FROM:
- TECHNI-TOOL  
5 APOLLO RD. BOX 368  
PLYMOUTH MEETING, PA. 19462  
(215) 825-4990
79. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS AND/OR CHARACTERS INDICATE HORIZONTALLY LINED OUT INFORMATION.

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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. CABLES FURNISHED WITH AUTO DIAL MODEMS.
54. TERMINALS AND PRINTERS: (1) CONSOLE TERMINAL IS ALWAYS REQUIRED. ADMINISTRATIVE TERMINAL HAVE NO LIMIT. THE SECURITY TERMINAL IS OPTIONAL. ADMINISTRATIVE PRINTER (MAX 13). THE OPERATOR TROUBLE REPORT PRINTER IS OPTIONAL AS IS THE SECURITY PRINTER. THE SECURITY TERMINAL OPTION REQUIRES THE SECURITY PRINTER OPTION.
55. BST-DA WIRING OPTIONS ARE TO BE PROVIDED IN ACCORDANCE WITH THE FOLLOWING:
- | OPT | PROVIDE WHEN  |
|-----|---|
| Z*  | CONNECTION TO DAS/C TERM IS REQ'D & BST PROVIDES PWR FOR POS RLSE.  |
| Y   | CONNECTION TO DAS/C TERM IS REQ'D & BST DOES NOT PROVIDE PWR FOR POS RLSE, OR CONNECTION TO DAS/C TERM IS NOT REQ'D |
| X   | A-LAW SIGNALING IS REQ'D  |
| W*  | M-LAW SIGNALING IS REQ'D  |
- \* INDICATES OPTIONS ARE FACTORY FURNISHED
56. VDT WIRING OPTIONS ARE TO BE PROVIDED IN ACCORDANCE WITH THE FOLLOWING:
- | OPT | PROVIDE WHEN             |
|-----|--------------------------|
| Z   | A-LAW SIGNALING IS REQ'D |
| Y*  | M-LAW SIGNALING IS REQ'D |
- \* INDICATES OPTIONS ARE FACTORY FURNISHED
57. FIGURE 7 DOES NOT APPLY TO IBM DAS/C ARRANGEMENT.
58. DO NOT ORDER GRP 101 & 102 IF GRP 100 IS ORDERED ON INITIAL JOB.
59. \$FOR OSPS GENERIC PROGRAM SEE J5D008P-1.\$
60. \$THE FOLLOWING HEADSETS ONLY MAY BE USED WITH THE BST OR VDT:
- 60A  
61A  
KS22915,L17&L18  
KS22990,L8&L9  
OR EQUIV.\$
- \$SEE ED5D621-11,G11F FOR SUPPLEMENTING LENGTHS TO HEADSET CABLES. FOR HEADSETS SEE OSPS APPLICATION SCHEMATIC SD5D135-01.\$
61. DO NOT ORDER GRP 201,202 OR 203 IF GRP 200 IS ORDERED ON INITIAL JOB.
62. KS TRAINER REQUIRES A 6 MONTH ORDERING INTERVAL FROM THE MANUFACTURER, AND SHOULD BE ORDERED ON A FURNISHED ONLY BASIS BY THE CUSTOMER.
63. IF -48V DC IS NOT ALREADY AVAILABLE AT THE CUSTOMER SITE, THEN PORTABLE AC TO DC CONVERTER TO BE PROVIDED BY CUSTOMER SHOULD BE -48V DC + OR - 5%, 4.5 AMPS MAXIMUM OUTPUT. SIMILAR TO LAMBDA MODEL LDS-P-48 OR EQUIVALENT. LAMBDA MAY BE CONTACTED AT 1-800-526-2324 (EASTERN U.S.) OR 1-800-526-2325 (WESTERN U.S.). CABLE ASSEMBLY (ED5D621-11, GROUP 11) IS REQUIRED TO CONNECT THE THE CONVERTER TO THE VDT. CABLE ASSEMBLY WIRE CONNECTIONS TO THE CONVERTER ARE AS FOLLOWS: BLUE (-48V DC), BROWN (-48V RETURN), GREEN/YELLOW STRIPE (EQUIPMENT GROUND).
64. IT IS RECOMMENDED THAT THE 3B2/522,3B2/600, OR SUN SPARCCLASSIC/SPARCSTATION 5 BE USED IN ALL OAP OR OAP-2 APPLICATION RESPECTIVELY.

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ISSUE NOTES (CONTINUED)

(H8396)ENGINEERING NOTES: NOTES 174 AND 500 ADDED. NOTES 59, 60, 70, 88, 90, 153 AND 156 WERE LINED OUT.  
TABLE A: GROUPS AD AND AF WERE RATED DA. NOTE 174 WAS ADDED ADDED TO GROUPS 84A,87 & 92A; NOTE 500 ADDED TO GROUPS 416,417, 426,429,430,431B,435A,436,437A,438,439A,440A,A,B,C,D,W,X,Y,Z,AD, AF,AG,AH & AJ. NOTE S CHANGED TO NOTE X ON STOCKLIST ITEMS 1100, 1110,1120,1130,2261,2296,2350,2360,2480,2490,2500,2540,2560,2625, 2880,2890,2900,2910,2920,2940,2950,4035,4090 & 4095. NOTE X ADDED TO STOCKLIST ITEMS 2601,4151,4160,4170,4180,4185,4187,4188, 4189,4190,4193,4196,4197,4198,4199,4200 & 4210.

ORIG ISS: 09/23/86 CHANGE CLASS: B

DRAFT: WFB	ENGR: WFB	SUPV: RMB	CERTIFIED: 07/13/99	ISSUE: 53
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(H8658) ENGINEERING NOTES: NOTE 181 WAS ADDED. NOTES 175, 176 AND 177 WERE LINED-OUT. NOTE 499 WAS CHANGED.  
TABLE A: GROUPS 431C, 435L, 435K, 440B AND AK WERE ADDED. GROUPS 431B, 435A, 435B, 435C, 435D, 435E, 435F, 435G, 435H, 435J AND 440A WERE RATED 'DA'. STOCKLIST: SL ITEMS 4228, AND 4229 WERE ADDED. IN SL ITEMS 4160, 4170 AND 4180, GROUP 431C WAS ADDED. IN SL ITEMS 4196, 4197, 4198, 4265 AND 4270, GROUP 440B WAS ADDED.

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DRAFT: WFB	ENGR: WFB	SUPV: RMB	CERTIFIED: 08/04/99	ISSUE: 54
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(H8658) TABLE A: GROUP 440B WAS RATED TO 'DA'. GROUP 440C WAS ADDED. STOCKLIST: GROUP 440C WAS ADDED TO SL ITEMS 4095, 4196, 4198, 4265 AND 4270.

ORIG ISS: 09/23/86 CHANGE CLASS: ME

DRAFT: RAR	ENGR: RAR	SUPV: RMB	CERTIFIED: 10/14/99	ISSUE: 55
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BT13

5ESS\* SWITCHING EQUIPMENT  
TERMINAL AND PROCESSOR  
CONNECTION FOR OPERATOR  
SERVICES POSITION SYSTEM  
\* LUCENT TRADE MARK

DWG SIZE	ISSUE
C2	55

LUCENT TECHNOLOGIES INC ED5D522-33

SHEET	A3
OF	42

ENGINEERING NOTES

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

- 151. THE D8W87 OR M25A87 MODULAR CABLES SPECIFIED IN GROUPS X, Y, Z, AA OR AB ARE PROVIDED IN 7, 25 OR 50 FOOT LENGTHS. ONLY THE SHORTEST PRACTICAL LENGTH SHOULD BE ORDERED FOR EACH CONFIGURATION.
- 152. \$WHEN USING THE 3B2/400 AS AN OAP, USE THE ACU MODEM CONNECTOR AND 8 PIN MODULAR CABLE THAT IS PROVIDED WITH THE 3B2/400 FOR CONNECTION TO THE DII.\$
- 153. \$SEE SD5D135-01 EQUIPMENT NOTE 209 FOR RECOMMENDED MODEMS TO BE USED FOR DII APPLICATIONS.\$
- 154. GROUPS 90 , 99 AND 411, 412 ARE MUTUALLY EXCLUSUVE.
- 155. GROUP 99 & 412 PROVIDE FOR A TOTAL REWRITE OF THE SOFTWARE RELEASE COURSE AND GO BEYOND THE ALTERATION PARAMETERS ALLOWED BY THE KS23364 TRAINER SPECIFICATION.
- 156. \$ONE CABLE IS TO BE USED ON PORTS WITH PRS-300 TO PROVIDE IMPEDANCE MATCHING FEATURE. THIS CABLE MAY ALSO BE PROVIDED ON ALTERNATE PORTS WITH OR WITHOUT PRS-300, SEE ED5D522-33 FIG. 25 OR 27 FOR HEADSET CONNECTION DETAILS.\$
- 157. THE PARADYNE COMSPHERE 3800 SERIES SD MODEMS REPLACE THE LUCENT TECHNOLOGIES 2096/2296 AND ALSO MAY BE USED IN LIEU OF THE GANDALF MODEMS. MODEL 3810 IS STAND ALONE AND THE 3811 IS A RACK MOUNTED CIRCUIT PACK.  
THESE MODEMS MAY BE ORDERED AS FOLLOWS:  

MODEL NUMBER	PEC	COMCODE	DESCRIPTION
3810-A1-001	2270-SA1	106597768	STANDALONE
3811-A1-001	2270-CC1	106597826	CIRCUIT PACK
3000-B2-201	22652	106779366	3000 CARRIER RACK
3000-F1-001	22833	106303274	DIAG. CONTROL PNL.

MODEL 3811-B1-001 MODEM CIRCUIT PACK MOUNTS INSIDE THE 3000 CARRIER RACK WHICH SHOULD ALSO BE ORDERED WITH THE DIAGNOSTIC CONTROL PANEL.
- 158. PARADYNE 3800 SERIES MODEMS REQUIRE AN ACU MODEM ADAPTER (COMCODE: 403417538; PART NO. 232-21-25-005) FOR CABLING TO 3B2, BUT THE ACU MODEM ADAPTER IS NOT REQUIRED FOR CABLING TO OAP-2 SPARCLASSIC PLATFORM
- 159. \$3B2/522 4MB ORDERING INFORMATION PEC 7325-522 (DOMESTIC & INT.) NCR 9732-5522-8090  

PACKAGE CONTENTS:	QUANTITY	DESCRIPTION
WE32100 SYSTEM BOARD/CABINET	1	
WE32106 MAU	1	
EPORTS CARD	1	
4 MB ECC MEMORY CARD	1	
300 MB HARD DISK DRIVE	1	
720 KB FLOPPY DISK DRIVE	1	
SCSI HOST ADAPTER CARD	1	
VIRTUAL CACHE	1	
14' CABLES	4	
25' CABLES	4	
CONNECTORS (8 MALE, 2 FEMALE) DOCUMENTATION\$	10	
- 160. IN ADDITION TO GROUP 418 ONE GROUP 87, 92A OR 417 MUST BE PROVIDED.
- 161. THE D6AP MODULAR CABLES SPECIFIED IN GROUP AH ARE PROVIDED IN 1 FOOT, 2.5 FOOT, 7 FOOT AND 14 FOOT LENGTHS. ONLY THE SHORTEST PRACTICAL LENGTH SHOULD BE ORDERED TO CONNECT THE KS22911,L2 POWER UNIT TO THE 400B2 ADAPTER. (SEE FIGURE 16A.).
- 162. NOTIFY PRODUCT MANAGER BEFORE ORDERING GROUP 66.
- 163. TERMINALS AND PRINTERS: (1) CONSOLE TERMINAL IS ALWAYS REQUIRED. ADMINISTRATIVE TERMINALS (MAX 14). ADMINISTRATIVE PRINTERS (MAX 13). THE OAP-2 WITH TWO SERIAL PARALLEL CONTROLLER (SP/C) PATCH PANELS HAS A PHYSICAL LIMIT OF 16 PORTS WHICH MAY BE ASSIGNED TO TERMINALS AND/OR PRINTERS.
- 164. CD ROM (407185461) USED TO LOAD OPERATING SYSTEM AND TAPE DRIVE (407185388) USED TO LOAD LUCENT TECHNOLOGIES SOFTWARE & PROVIDE BACKUP CAPABILITY. ONLY THE LAST DEVICE IN A SCSI DAISY CHAIN IS TERMINATED. THE NUMBER OF CD ROMS AND TAPE DRIVES REQUIRED TO BE DETERMINED BY THE CUSTOMER.
- 165. DEPENDING ON THE CUSTOMER'S NEEDS, A PARADYNE 3820 MODEM MAY BE ADDED TO THE SP/C PATCH PANEL FOR ASSISTANCE IN TROUBLESHOOTING FROM OSPS CUSTOMER SUPPORT, BUT THERE IS NO SPECIFIC REQUIREMENT TO DO SO. (3820-A1-001; 106597776)
- 166. LUCENT TECHNOLOGIES GIS GLOBALYST 515 PLATFORM IS PROVIDED WITH  
----- CONTINUED ON NEXT SHEET -----

ENGINEERING NOTES

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

- EXTERNAL OPERATOR TROUBLE SYSTEM (E.G. NOTIS) IS EQUIPPED IN THE FMC: HOWEVER, IT CAN BE PRESENT IN EITHER THE FMC OR OSC. THE LUCENT TECHNOLOGIES X.25 NETWORK INTERFACE PACKAGE REL 1.1.1 CONSISTS OF THREE FLOPPY DISKETTES AND LOADING INSTRUCTIONS.\$  
FOR OAP-2, X.25 PACKAGE IS REQUIRED IF OAP-2 INTERFACES TO AN EXTERNAL OTR ANALYSIS SYSTEM (EOAS) SUCH AS NOTIS. THE THE X25-P (407185503) CONSISTS OF 1 CD ROM AND ASSOCIATED DOCUMENTATION.
- 92. \$A 3B2/300 OAP CAN BE UPGRADED WITH A 3B2/310 MIGRATE KIT WITH MATH ACC UNIT. SPECIFY ATTRIBUTE MSG24 UNIX SYSTEM V, REL 3.2 KIT NOT CUSTOMER INSTALLABLE. PREREQUISITES: EITHER A 30 OR 72 MB HARD DISK DRIVE. IF THE 3B2 CONTAINS AN ISC CARD THE POWER SUPPLY MUST BE UPGRADED.\$
- 93. \$THE OAP MUST BE EQUIPPED WITH EPORTS FEATURE CARDS WITH EPORTS 1.3 OR LATER SOFTWARE. REPLACE ALL PORTS AND HPPORTS BOARDS WITH EPORTS BOARDS.\$
- 94. SOFTWARE RELEASE 5E11.1 FOR 3B2  

UNIX	X.25	EPORTS	OAP
3.1	1.1 OR 1.1.1	1.3	5E11.1(1).01.00
3.2(3.1 SHELL)	1.1 OR 1.1.1	1.3	5E11.1(1).01.00
3.2(ENHANCED SHELL)	1.1 OR 1.1.1	1.3	5E11.1(1).01.00

SOLARIS	X.25	OAP-2/3
2.6	5/98	SUNLINK X25-9.1-DT-S 5E11.1(1).01.00

UNIX	X.25	EPORTS	OAP
3.1	1.1 OR 1.1.1	1.3	5E12.1(1).01.00
3.2(3.1 SHELL)	1.1 OR 1.1.1	1.3	5E12.1(1).01.00
3.2(ENHANCED SHELL)	1.1 OR 1.1.1	1.3	5E12.1(1).01.00

SOLARIS	X.25	OAP-2/3
2.6	5/98	SUNLINK X25-9.1-DT-S 5E12.1(1).01.00

UNIX	X.25	EPORTS	OAP
3.1	1.1 OR 1.1.1	1.3	5E13.1(1).01.00
3.2(3.1 SHELL)	1.1 OR 1.1.1	1.3	5E13.1(1).01.00
3.2(ENHANCED SHELL)	1.1 OR 1.1.1	1.3	5E13.1(1).01.00

SOLARIS	X.25	OAP-2/3
2.6	5/98	SUNLINK X25-9.1-DT-S 5E13.1(1).01.00
- 95. THE LUCENT TECHNOLOGIES 705MT TERMINAL PORT WILL REQUIRE A 10 PIN MOD. CORD & A 10 PIN MODULAR TO 25 PIN ADAPTER CONNECTOR. THIS CONNECTOR CABLE ATTACHES TO THE 8 PIN MODULAR TO 25 PIN ADAPTER COMING FROM THE 3B2 CONSOLE PORT. PORT 2 WILL NORMALLY BE USED AS AN AUXILIARY TERMINAL PORT. (LUCENT TECHNOLOGIES 705MT COMCODE: 206610611; PE CODE 3344-705 COL. 19)  
FOR SPARCLASSIC -- THE TERMINAL PORT WILL REQUIRE AN RS232 CABLE WITH A NULL MODEM ADAPTER.
- 96. \$IN ADDITION TO GROUP 11A,11B,11C OR 11D ONE GROUP 15,79,91 OR 92 MUST BE PROVIDED.\$
- 97. ORDERS FOR BASIC SERVICE TERMINALS ARRANGED FOR LISTING SERVICES (BST-LS) MAY BE OBTAINED BY SPECIFYING GROUPS 1 AND 66.
- 98. THE TYPICAL DII CABLING CONFIGURATION CONSISTS OF TWO MODULAR-TO-RS232 ADAPTERS AND A MODULAR CABLE. SEE FIGURES 18 THROUGH 24. THE INDIVIDUAL COMPONENTS TO SUPPORT THESE CONFIGURATIONS ARE ORDERED BY COMCODE AS NEEDED. SEE FIGURES 16A AND 16B FOR DII POWERING OPTIONS AND FIGURE 17 FOR DII OPTION SETTINGS.
- 99. IN LIEU OF ORDERING INDIVIDUAL PREWIRED MODULAR-TO-RS232 ADAPTERS GROUP AD SPECIFIES A MODULAR-TO-RS232 ADAPTER KIT. THIS KIT MAY BE ASSEMBLED PER CAD FIG. 27 THROUGH 32 OF SD5D135-01, TO SUPPORT EACH CONFIGURATION AS REQUIRED.
- 100. DII POWER MAY BE SUPPLIED FROM OFFICE BATTERY (LINE ENGINEERED) OR BY STANDALONE AC POWER SUPPLY. SEE FIGURES 16A AND 16B OF THIS DRAWING AND NOTE 253 OF SD5D135-01.

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ENGINEERING NOTES

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

- 80. THE OAP MUST BE EQUIPPED WITH 4 MEG OF MEMORY.
- 81. THE OAP 3B2 MUST HAVE UNIX SOFTWARE RELEASE 3.1 OR LATER. FOR THE OAP-2/3 (SUNWORKSTATION), SEE NOTE 94 FOR SOLARIS SOFTWARE RELEASE COMPATIBILITY.
- 82. KS23364, LIST 14 ORDERED PER GROUP 74 IS INDEPENDANT OF THE DISK QUANTITY ORDERED. GROUP 74 NEED ONLY BE ORDERED ONCE WHETHER THE ORDER IS FOR ONE DISK OR TEN DISKS.
- 83. THE FOLLOWING PROCEDURE SHOULD BE USED TO UPDATE THE VDT KEYBOARD FOR GENERIC 5E6:  

MODIFICATIONS TO VDT KEYBOARD 56K114ADR FOR GENERIC 5E6	
1.	REMOVE TERMINAL FROM SERVICE.
2.	DISCONNECT KEYBOARD FROM DISPLAY.
3.	REMOVE BLANK KEYCAP (POS 24) (SEE FIG 12) WITH KEYCAP PULLER.*
4.	INSTALL NEW GRAY KEYCAP (POS 24) (LEGEND-AUX DB).
5.	VERIFY PROPER INSTALLATION OF KEYCAP.
6.	RECONNECT KEYBOARD TO DISPLAY.
7.	VERIFY THAT ALL KEYBOARD TESTS PASS ATP.
8.	RETURN TERMINAL TO SERVICE.

* KEYCAP PULLER #287PRO10 OR EQUIVALENT.	
KEYCAP PULLER #287PRO10 MAY BE OBTAINED FROM: TECHNI-TOOL 5 APOLLO RD. BOX 368 PLYMOUTH MEETING, PA. 19462 (215) 825-4990	
- 84. \$DISCARD POWER CABLE SHIPPED WITH SONY MONITOR AND REPLACE WITH \$846183624\$ 406740555 CABLE PROVIDED.\$
- 85. GROUPS 60 AND/OR 61 NOT REQUIRED FOR KEYBOARDS FURNISHED PER GROUP 2 AND 75.
- 86. GROUPS 62 AND/OR 63 NOT REQUIRED FOR KEYBOARDS FURNISHED PER GROUP 2, 75 AND 76.
- 87. GROUPS 64 AND/OR 65 NOT REQUIRED FOR KEYBOARDS FURNISHED PER GROUP 2, 75 AND 76.
- 88. \$HEADSET EXTENSION CABLES ARE REQUIRED AND MUST BE ORDERED PER ED5D621-11,G11H. SOFTWARE FOR THE CST IS ORDERED PER THE 5ESS SOFTWARE J DRAWING J5D008(). ALSO SEE THE OSPS APPLICATION SCHEMATIC, SD5D135-01 FOR MORE INFORMATION.\$
- 89. FOR OSPS GENERIC \$5E6, 5E7, \$ 5E8, AND 5E9 THE CST IS COMPRISED OF ONE OF EACH OF THE FOLLOWING GROUPS:  

\$GROUP 81\$
\$GROUP 82\$
\$GROUP 83\$
GROUP 83A
\$GROUP 84\$
GROUP 84A
\$GROUP 408\$
GROUP 425

\$NOTE:	
WHEN ORDERING GROUP \$81\$,408, THE ORDER MUST BE SPECIFIED AS "REGIONAL FURNISH", (SOURCED RF/RF), AND SHOULD INCLUDE THE FOLLOWING INFORMATION:	
OBTAIN FROM: MR. FRED GRIFFIN/CST 121 FIELDCREST AVE. EDISON, N.J. 08837	
PHONE (201)225-8723 FAX (201)225-8729\$	
- 90. \$THE CST DESCRIPTION AND OPERATION MANUAL MAY BE OBTAINED BY ORDERING 250-520-110 THROUGH CIC OR GROUP M. THIS MANUAL SHOULD BE PROVIDED ONCE PER SITE OR AS SPECIFIED BY THE CUSTOMER.\$
- 91. AN X.25 PACKAGE IS REQUIRED FOR EACH FMC/OSC THAT IS EQUIPPED WITH AN INTELLIGENT SERIAL CONTROLLER (ISC) FEATURE CARD IN THE OAP OR OAP-2; USUALLY THE BOARD ( REQUIRED ONLY IF A LINK TO AN  
----- CONTINUED TO THE LEFT -----

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BT13

5ESS\* SWITCHING EQUIPMENT  
TERMINAL AND PROCESSOR  
CONNECTION FOR OPERATOR  
SERVICES POSITION SYSTEM  
\* LUCENT TRADE MARK

DWG SIZE C2	ISSUE 55
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ENGINEERING NOTES

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

- ELSE IF USING WITHOUT NOTIS OR PORTS, ORDER GROUP 435H  
 ELSE IF USING NOTIS AND WITHOUT PORTS, ORDER GROUP 435J  
 2. ORDER GROUP 450 FOR A 17 INCH COLOR MONITOR.  
 3. ORDER GROUP 92A FOR AN OAP TERMINAL, CABLE AND ADAPTER.  
 4. ORDER GROUP 5A FOR AN OAP PRINTER AND INTERFACE CARD.  
 5. ORDER THE REQUIRED QUANTITY OF CABLES FROM GROUPS 460, 470, 480 OR 490.\$
177. \$THE OAP-2 CONFIGURATION(GROUPS 435A,436,437A,438,439A) IS BEING PHASED OUT. THE RECOMMENDED ALTERNATIVES ARE: GROUPS 435B,435C, 435D,435E,435F,435G,435H OR 435J.\$
181. ED5D522-33, GROUP "AK" IS CREATED TO ORDER CYBEX EQUIPMENT FOR MONITORING OF THE OAP-III EQUIPMENT FOR AT&T USE ONLY.
499. A. FOR OSPS GENERIC PROGRAM SEE J5D008P-1.  
 B. SEE ED5D621-11,G11F FOR SUPPLEMENTING LENGTHS TO HEADSET CABLES. FOR HEADSETS SEE OSPS APPLICATION SCHEMATIC SD5D135-01.  
 C. SEE TABLE C ON ED5D643-30 FOR GENERIC PROGRAM AND FIRMWARE COMPATIBILITY.  
 D. HEADSET EXTENSION CABLES ARE REQUIRED AND MUST BE ORDERED PER ED5D621-11,G11H. SOFTWARE FOR THE CST IS ORDERED PER THE 5ESS SOFTWARE J DRAWING J5D008(). ALSO SEE THE OSPS APPLICATION SCHEMATIC, SD5D135-01 FOR MORE INFORMATION.  
 E. THE CST DESCRIPTION AND OPERATION MANUAL MAY BE OBTAINED BY ORDERING 250-520-110 THROUGH CIC OR GROUP M. THIS MANUAL SHOULD BE PROVIDED ONCE PER SITE OR AS SPECIFIED BY THE CUSTOMER.  
 F. SEE SD5D135-01 EQUIPMENT NOTE 209 FOR RECOMMENDED MODEMS TO BE USED FOR DII APPLICATIONS.  
 G. ONE CABLE IS TO BE USED ON PORTS WITH PRS-300 TO PROVIDE IMPEDANCE MATCHING FEATURE. THIS CABLE MAY ALSO BE PROVIDED ON ALTERNATE PORTS WITH OR WITHOUT PRS-300, SEE ED5D522-33 FIG. 25 OR 27 FOR HEADSET CONNECTION DETAILS.  
 H. SUPERCOMCODE KIT WAS CREATED FOR THE FOLLOWING GROUPS: 431C AND 440B. IF ONE WISHES TO ORDER ALL THE ITEMS OF ONE SPECIFIC GROUP, THEY ONLY NEED TO USE THE APPROPRIATE SUPERCOMCODE KIT. THE GROUPS & KIT ARE AS FOLLOWS:
- | SUPERCOMCODE KIT | GROUPS INCLUDED |
|------------------|-----------------|
| 848373387        | 431C & 440B     |
- I. CODE NUMBER (408176048) INCLUDE ALL PARTS FOR A COMPLETE SUN ULTRA WORKSTATION SYSTEM. E/W (333-MHZ ULTRA SPARC-III, 256-MBYTE DRAM, 2-MB LC CACHE, 9-MBYTE INTERNAL DISK, 1.44-MBYTE FLOPPY, 32X CD-ROM, ONBOARD PGX24 GRAPHICS, NORTH AMERICAN UNIX COUNTRY KIT, SOLARIS 7 INSTALLED. INCLUDE ONE 8-PORT ADAPTER KIT.  
 J. COMCODE NUMBER (408178689) WILL PROVIDE AN ADDITIONAL 8 PORTS SERIAL ASYNCHRONOUS INTERFACE ADAPTER KIT.
500. THIS GROUP MAY BE SPECIFIED AS A MAIN OR SUPPLEMENTAL ITEM.

ENGINEERING NOTES

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

- LISLE, ILLINOIS-60532.  
 ALL THE FOUR STOCK LIST ITEMS ON ED5D522-33 GROUP 440 (407562826 -> THIS COM CODE INCLUDES HP VECTRA VL-4 5/100 , 17" COLOR MONITOR, MOUSE, 24 MEG MEM. TOTAL, 2 MEG. VIDEO MEM TOTAL, ETHERNET EXPRESS CARD.  
 ED5D621-11, G11K -> THESE ARE THE HEAD SET EXTENSION CABLES. THE ASSOCIATED MANUFACTURING DRAWING IS ED5D621-35 GROUP 124D. 407306968 -> OSPS-WINDOWS-CSG KEYBOARD. 847401601 -> EPIPB).  
 ALL THE ABOVE WILL BE ASSEMBLED, SOFTWARE LOADED, TESTED, PACKAGED AND SHIPPED TO THE DESTINATION FROM THE SUPPORT SERVICE CENTER (SSC) LISLE. ALL THE ABOVE ITEMS INCLUDING THE ED CABLES LISTED ABOVE SHOULD BE SENT TO PAUL GINGER.  
 THE GROUP 440 IS AVAILABLE ONLY FOR THE LEC CUSTOMERS.  
 THE ED GROUP 431 IS RATED DA AND HAS BEEN REPLACED BY ED GROUP 431A OR GROUP 440.  
 NOTE: SAME CABLE PROVIDING IMPEDENCE MATCHING FEATURE ON VDT OPEARTOR HEADSET WHEN PRS-300 IS USED, CAN BE REUSED FOR LUCENT TECHNOLOGIES OSPS/OPERATOR WORK STATION (OWS) WHEN PRS-300 IS USED. ANY ADDITIONS NEED TO BE ORDERED. SEE GROUP 416 ON THIS DRAWING.
170. CD ROM (407619576) USED TO LOAD OAP-2 OPERATING SYS AND TAPE DRIVE (407619584) USED TO LOAD LUCENT SOFTWARE AND PROVIDE BACKUP CAPABILITY. ONLY THE LAST DEVICE IN A SCSI DAISY CHAIN IS TERMINATED. THE NUMBER OF CD ROMS AND TAPE DRIVES REQUIRED TO BE DETERMINED BY THE CUSTOMER.
171. RECOMMENDED HEADSETS TO BE USED IN THIS APPLICATION ARE AS FOLLOWS:
- | ITEM | COMCODE   | MODEL                          |
|------|-----------|--------------------------------|
| 1    | 406479972 | KS23839-L1 STARSET OSPS        |
| 2    | 406479980 | KS23839-L2 SUPRA OSPS          |
| 3    | 406479998 | KS23839-L3 MIRAGE OSPS         |
| 4    | 406480004 | KS23839-L4 SUPRA BINAURAL OSPS |
| 5    | 406180034 | KS23767-L1 OSPS (EARHOOK)      |
| 6    | 406180042 | KS23767-L2 OSPS (EARLOOP)      |
| 7    | 406180067 | KS23767-L3 OSPS (HEADBAND)     |
| 8    | 407744192 | KS23767-L4 OSPS (BINAURAL)     |
- NONE OF THE ITEMS MENTIONED ARE INCLUDED IN THE SHIPMENT. IT IS THE CUSTOMER'S RESPONSIBILITY TO AQUIRE ANY OF THESE ITEMS BASED ON THEIR NEEDS OR PREFERENCES.  
 THE VENDOR INFORMATION IS AS FOLLOWS:  
 FOR ITEMS 1-4, CONTACT PLANTRONICS AT 1-800-544-4660.  
 FOR ITEMS 5-8, CONTACT GN NETCOM AT 1-800-800-2095.
172. TWO (2) CONNECTORS ARE REQUIRED PER ORDER. WIRING IS TO BE DONE BY INSTALLER (SEE FIGURES 29 AND 30 OF THIS DRAWING).
173. SUPERCOMCODE KITS WERE CREATED FOR EACH OF THE FOLLOWING GROUPS: 431B, 435A, 436, 437A, 438, 439A AND 440A. IF ONE WISHES TO ORDER ALL THE ITEMS OF ONE SPECIFIC GROUP, THEY ONLY NEED TO USE THE APPROPRIATE SUPERCOMCODE KIT. THE GROUPS & KITS ARE AS FOLLOWS:
- | GROUP | SUPERCOMCODE KIT |
|-------|------------------|
| 431B  | 601868490        |
| 435A  | 601868946        |
| 436   | 601868953        |
| 437A  | 601868961        |
| 438   | 601868979        |
| 439A  | 601868987        |
| 440A  | 601888530        |
174. THIS GROUP IS CONSIDERED A MAIN ITEM FOR ORDER SPECIFICATION PURPOSES.
175. \$RECOMMENDED ALTERNATIVE FOR GROUP 435A IS ONE OF THE FOLLOWING:  
 ED5D522-33 G435B  
 ED5D522-33 G435C  
 ED5D522-33 G435D  
 ED5D522-33 G435E  
 ED5D522-33 G435F  
 ED5D522-33 G435G  
 ED5D522-33 G435H  
 ED5D522-33 G435J  
 THE FOREGOING NEW GROUPS ARE DISTINCT BY THEIR PORT CONFIGURATIONS AND SOFTWARE FEATURES.\$
176. \$TO ORDER AN OAP-3 COMPUTER, ONE MUST FOLLOW THE GUIDELINES:  
 1. IF 8 I/O PORTS, ORDER GROUP 435B  
 ELSE IF 16 I/O PORTS, ORDER GROUP 435C  
 ELSE IF 24 I/O PORTS, ORDER GROUP 435D  
 ELSE IF 32 I/O PORTS, ORDER GROUP 435E  
 ELSE IF USING NOTIS WITH AN 8 I/O PORTS, ORDER GROUP 435F  
 ELSE IF USING NOTIS WITH AN 16 I/O PORTS, ORDER GROUP 435G  
 ----- CONTINUED TO THE LEFT -----

ENGINEERING NOTES

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

- DOS 6.21 OR LATER AND WINDOWS 3.1 OR LATER LOADED ON 170MB HARD DISK. THE MOUSE THAT COMES WITH THE PACKAGE IS FOR OPTIONAL USE WITH LOCAL MAINTENANCE, AND FOR POSSIBLE FUTURE ENHANCEMENTS.
167. MATERIALS ORDERED BY ED5D522-33 GROUP 431 IS TO BE STAGED AT THE SERVICE SUPPORT CENTER LOCATED IN LISLE, ILLINOIS. UNTIL A MORE FIRM PROCESS IS IN PLACE, THE ORDERING ENGINEER SHOULD FORWARD A COPY OF THE SPECIFICATIONS OR REQUISITIONS AND THE ASSOCIATED CUSTOMER SHIPPING INFORMATION TO THE SERVICE SUPPORT CENTER (SSC) LISLE AS FOLLOWS:  
 ATTN: PAUL GINGER (OSPS/OWS)  
 LUCENT TECHNOLOGIES  
 4513 WESTERN AVENUE  
 LISLE, ILLINOIS-60532.  
 ALL THE FOUR STOCK LIST ITEMS ON ED5D522-33 GROUP 431 (107650202 -> THIS COM CODE INCLUDES GLOBALYST 630/75 MHZ, 17" COLOR MONITOR, MOUSE, 24 MEG MEM. TOTAL, 2 MEG. VIDEO MEM TOTAL, ETHERNET EXPRESS CARD.  
 ED5D621-11, G11K -> THESE ARE THE HEAD SET EXTENSION CABLES. THE ASSOCIATED MANUFACTURING DRAWING IS ED5D621-35 GROUP 124D. 406643957 -> KEY BOARD.  
 847401601 -> EPIPB) WILL BE ASSEMBLED, SOFTWARE LOADED, TESTED, PACKAGED AND SHIPPED TO THE DESTINATION FROM THE SUPPORT SERVICE CENTER (SSC) LISLE. ALL THE ABOVE ITEMS INCLUDING THE ED CABLES LISTED ABOVE SHOULD BE SENT TO PAUL GINGER.  
 THE LIST 431 IS RATED LA AND IS AVAILABLE FOR CSG CUSTOMER ONLY. THE ORDERING SHOULD ONLY COVER TO SUPPORT THE INSTALLATION AT THE FOLLOWING SITES:
- | OSC LOCATION  | OPERATOR POSITIONS |
|---------------|--------------------|
| ATHENS GA     | 53                 |
| AUSTIN TX     | 62                 |
| CHARLESTON WV | 62                 |
|               | 177                |
- NOTE: SAME CABLE PROVIDING IMPEDENCE MATCHING FEATURE ON VDT OPEARTOR HEADSET WHEN PRS-300 IS USED, CAN BE REUSED FOR LUCENT TECHNOLOGIES OSPS/OPERATOR WORK STATION (OWS) WHEN PRS-300 IS USED. ANY ADDITIONS NEED TO BE ORDERED. SEE GROUP 416 ON THIS DRAWING.
168. MATERIALS ORDERED BY ED5D522-33 GROUP 431A IS TO BE STAGED AT THE SERVICE SUPPORT CENTER LOCATED IN LISLE, ILLINOIS. THE ORDERING ENGINEER SHOULD FORWARD A COPY OF THE SPECIFICATIONS OR REQUISITIONS AND THE ASSOCIATED CUSTOMER SHIPPING INFORMATION TO THE SERVICE SUPPORT CENTER (SSC) IN LISLE AS FOLLOWS:  
 ATTN: PAUL GINGER (OSPS/OWS)  
 LUCENT TECHNOLOGIES  
 4513 WESTERN AVENUE  
 LISLE, ILLINOIS-60532.  
 ALL THE FOUR STOCK LIST ITEMS ON ED5D522-33 GROUP 431A (407562826 -> THIS COM CODE INCLUDES HP VECTRA VL-4 5/100 , 17" COLOR MONITOR, MOUSE, 24 MEG MEM. TOTAL, 2 MEG. VIDEO MEM TOTAL, ETHERNET EXPRESS CARD  
 ED5D621-11, G11K -> THESE ARE THE HEAD SET EXTENSION CABLES. THE ASSOCIATED MANUFACTURING DRAWING IS ED5D621-35 GROUP 124D. 407387646 -> OSPS-WINDOWS-CSG KEYBOARD. 847401601 -> EPIPB).  
 ALL THE ABOVE WILL BE ASSEMBLED, SOFTWARE LOADED, TESTED, PACKAGED AND SHIPPED TO THE DESTINATION FROM THE SUPPORT SERVICE CENTER (SSC) LISLE. ALL THE ABOVE ITEMS INCLUDING THE ED CABLES LISTED ABOVE SHOULD BE SENT TO PAUL GINGER.  
 THE GROUP 431A IS AVAILABLE ONLY FOR THE CSG CUSTOMERS.  
 THE ED GROUP 431 IS RATED DA AND HAS BEEN REPLACED BY ED GROUP 431A.  
 NOTE: SAME CABLE PROVIDING IMPEDENCE MATCHING FEATURE ON VDT OPEARTOR HEADSET WHEN PRS-300 IS USED, CAN BE REUSED FOR LUCENT TECHNOLOGIES OSPS/OPERATOR WORK STATION (OWS) WHEN PRS-300 IS USED. ANY ADDITIONS NEED TO BE ORDERED. SEE GROUP 416 ON THIS DRAWING.
169. MATERIALS ORDERED BY ED5D522-33 GROUP 440 IS TO BE STAGED AT THE SERVICE SUPPORT CENTER LOCATED IN LISLE, ILLINOIS. THE ORDERING ENGINEER SHOULD FORWARD A COPY OF THE SPECIFICATIONS OR REQUISITIONS AND THE ASSOCIATED CUSTOMER SHIPPING INFORMATION TO THE SERVICE SUPPORT CENTER (SSC) IN LISLE AS FOLLOWS:  
 ATTN: PAUL GINGER (OSPS/OWS)  
 LUCENT TECHNOLOGIES  
 4513 WESTERN AVENUE  
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5ESS\* SWITCHING EQUIPMENT  
 TERMINAL AND PROCESSOR  
 CONNECTION FOR OPERATOR  
 SERVICES POSITION SYSTEM  
 \* LUCENT TRADE MARK

DWG SIZE C2 ISSUE 55

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	
EQUIPMENT FOR ONE BASIC SERVICE TERMINAL ARRANGED FOR DIRECTORY ASSISTANCE. (5E4(1) GENERIC OR LATER.) <5E4(1) OR LATER> DA EFF:05/22/95 FE/RA:NONE	172	DA	1	1					SD5D067-01			
EQUIPMENT FOR ONE BASIC SERVICE TERMINAL ARRANGED FOR LISTING SERVICES (5E6 GENERIC OR LATER). NOTES 55,60 & 73.	172	DA	1A	1					SD5D067-01			
EQUIPMENT FOR ONE VIDEO DISPLAY TERMINAL DOMESTIC. NOTE 56, 60, 63. DA EFF:05/22/95 FE/RA:NONE		DA	2	1					SD5D065-01	2		
EQUIPMENT FOR ONE ADMINISTRATION PROCESSOR,GANDALF MODEM & PLUG. NOTE 59 & 64.	172	DA	3	1					SD5D135-01			
EQUIPMENT FOR ONE(1) ADMINISTRATION CRT & PLUG.	172	DA	4	1					SD5D135-01			
EQUIPMENT FOR ONE ADMINISTRATION PRINTER. DA EFF:02/06/98 FE:ED5D522-33,G5A	172	DA	5	1					SD5D135-01			
EQUIPMENT FOR ONE ADMINISTRATION PRINTER. REPL:ED5D522-33 G5	172 176 500		5A	1					SD5D135-01			
EQUIPMENT FOR ONE AUTO DIAL MODEM. NOTE 53.	172	DA	6	1					SD5D135-01			
EQUIPMENT REQUIRED IN ADDITION TO GRP 2 TO PROVIDE ONE KS23364 TRAINER. NOTE 62.	172	DA	7	1					SD5D135-01			
EQUIPMENT REQUIRED IN ADDITION TO GRP 2 TO PROVIDE ONE KS23364 TRAINER E/W 52 COLUMN,THERMAL TYPE,INTERNAL PRINTER. NOTE 62.	172	DA	8	1					SD5D135-01			
EQUIPMENT REQUIRED IN ADDITION TO GRP 2 TO PROVIDE ONE KS23364 TRAINER E/W 40 COLUMN,INKED RIBBON,DOT MATRIX,INTERNAL PRINTER. NOTE 62.	172	DA	9	1					SD5D135-01			
EQUIPMENT REQUIRED FOR ONE 3B2/310 ADMINISTRATION PROCESSOR, GANDALF MODEM & PLUG. (SEE NOTE 59 & 64).	172	DA	10	1					SD5D135-01			
EQUIPMENT REQUIRED FOR ONE 3B2/400 ADMINISTRATION PROCESSOR, GANDALF MODEM & PLUG. (SEE NOTE 59,64 & 74).	172	DA	11	1					SD5D135-01			
EQUIPMENT REQUIRED FOR ONE 3B2/400 ADMINISTRATION PROCESSOR, SOLUTION C2. (SEE NOTE 59,64,74,80,81,91,93, 94 & 96)	172	DA	11A	1								
EQUIPMENT REQUIRED FOR ONE 3B2/522 ADMINISTRATION PROCESSOR FE:ED5D522-33,G11D DA EFF:05/05/92	59 64 74 80 81 91 93 94 96 172	DA	11B	1								
EQUIPMENT REQUIRED FOR ONE 3B2/600 ADMINISTRATION PROCESSOR DA EFF:07/16/93 FE:ED5D522-33,G11D	59 64 74 80 81 91 93 94 96 172	DA	11C	1								

TABLE-A CONTINUED

ED5D522-33

TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
EQUIPMENT REQUIRED FOR ONE 3B2/522 ADMININSTRATIVE PROCESSOR.\$PROVIDES ED3T060-30, G3 SOLUTION PACKAGE.\$ REPL:ED5D522-33,G11C DA EFF:05/25/94 FE:ED5D522-33,G418	59 64 74 80 81 91 93 94 96 172	DA	11D	1								
EQUIPMENT REQUIRED TO PROVIDE ONE X.25 TX700 4 CHANNEL PAD. (SEE NOTE 68).	172	DA	12	1					SD5D135-01			
EQUIPMENT REQUIRED IN ADDITION TO LIST 7,8 OR 9 TO PROVIDE OPTICAL DISK CONTAINING LESSON MATERIAL USED FOR INITIAL OPERATOR TRAINING FOR THE 5E4(2) GENERIC. (SEE NOTE 62 & 69). <5E4(2)>		DA	13									
EQUIPMENT REQUIRED IN ADDITION TO LIST 7,8 OR 9 TO PROVIDE OPTICAL DISK CONTAINING LESSON MATERIAL USED FOR CUT-OVER OPERATOR TRAINING FOR THE 5E4(2) GENERIC. (SEE NOTE 62 & 69). <5E4(2)>		DA	14									
EQUIPMENT REQUIRED IN ADDITION TO GROUPS 3,10, 11 OR 11A TO PROVIDE 2296 MODEM TO SERVICE DISTANCES OF 5 TO 200 MILES. DA EFF:05/05/92 FE:ED5D522-33,G417	172	DA	15	1								
EQUIPMENT FOR REPLACEMENT KEY DESIGNATION TABS FOR ONE VDT KEY BOARD. (SEE NOTE 71). DA EFF:05/25/94 FE/RA:NONE		DA	16									
EQUIPMENT FOR ONE(1) SECURITY OR ADMINISTRATION CRT & PLUG. (SEE NOTE 54). DA EFF:07/16/93 FE:ED5D522-33,G92	172	DA	17									
EQUIPMENT REQUIRED IN ADDITION TO GROUP 17 TO PROVIDE (1) 4425 EMULATION CARTRIDGE. (SEE NOTE 72). DA EFF:07/16/93 FE:ED5D522-33,G92		DA	18									
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE OPTICAL DISK FOR U.S. WEST CONTAINING THE LESSON MATERIAL USED FOR OPERATOR TRAINING FOR NEW HIRES FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)> FE/RA:NONE		DA	19									

TABLE-A CONTINUED

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5ESS\* SWITCHING EQUIPMENT  
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DWG SIZE C2 ISSUE 55

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SHEET A6 OF 42

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TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE OPTICAL DISK FOR NEW JERSEY BELL CONTAINING THE LESSON MATERIAL USED FOR OPERATOR TRAINING FOR NEW HIRES FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)> DA EFF:07/11/94 FE/RA:NONE		DA	20								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE OPTICAL DISK FOR AT&T NETWORK SERVICES DIVISION CONTAINING THE LESSON MATERIAL USED FOR OPERATOR TRAINING FOR BOTH NEW HIRES AND EXPERIENCED OPERATORS FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E4(2)> DA EFF:07/16/93 FE/RA:NONE		DA	21								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE OPTICAL DISK FOR DUKE UNIVERSITY CONTAINING THE LESSON MATERIAL USED FOR OPERATOR TRAINING FOR NEW HIRES FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)>		DA	22								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE OPTICAL DISK FOR WHIDBEY TELEPHONE CO. CONTAINING THE LESSON MATERIAL USED FOR OPERATOR TRAINING FOR NEW HIRES FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)>		DA	23								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE OPTICAL DISK FOR GTE OF CALIFORNIA CONTAINING THE LESSON MATERIAL USED FOR OPERATOR TRAINING FOR NEW HIRES FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)> DA EFF:07/11/94 FE/RA:NONE		DA	24								
EQUIPMENT REQUIRED IN ADDITION TO GRP 19 TO 24 TO PROVIDE A CHARGE FOR PRODUCING A MASTER DISK FOR OSPS OPERATOR TRAINING OF NEW HIRES FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)> DA EFF:07/16/93 FE/RA:NONE		DA	25								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE AN OPTICAL DISK FOR U.S.WEST CONTAINING THE LESSON MATERIAL USED FOR OPERATOR TRAINING FOR EXPERIENCED OPERATORS FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)> DA EFF:07/11/94 FE/RA:NONE		DA	26								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE AN OPTICAL DISK FOR NEW JERSEY BELL CONTAINING THE LESSON MATERIAL USED FOR OPERATOR TRAINING FOR EXPERIENCED OPERATORS FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)> DA EFF:07/11/94 FE/RA:NONE		DA	27								

TABLE-A CONTINUED

ED5D522-33

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE AN OPTICAL DISK FOR AT&T NETWORK SERVICES DIVISION CONTAINING THE LESSON MATERIAL USED FOR OPERATOR TRAINING FOR EXPERIENCED OPERATORS FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)> DA EFF:07/16/93 FE/RA:NONE		DA	28								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE AN OPTICAL DISK FOR DUKE UNIVERSITY CONTAINING LESSON MATERIAL USED FOR OPERATOR TRAINING FOR EXPERIENCED OPERATORS FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)>		DA	29								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE AN OPTICAL DISK FOR WHIDBEY TELEPHONE CO. CONTAINING LESSON MATERIAL USED FOR OPERATOR TRAINING FOR EXPERIENCED OPERATORS FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)>		DA	30								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE OPTICAL DISK FOR GTE OF CALIFORNIA CONTAINING LESSON MATERIAL USED FOR OPERATOR TRAINING FOR EXPERIENCED OPERATORS FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)> DA EFF:07/11/94 FE/RA:NONE		DA	31								
EQUIPMENT REQUIRED IN ADDITION TO GRP 26 TO 31 TO PROVIDE A CHARGE FOR PRODUCING A MASTER DISK FOR OSPS OPERATOR TRAINING OF EXPERIENCED OPERATORS FOR THE 5E4(2) GENERIC. (SEE NOTES 62 & 69). <5E4(2)> DA EFF:07/16/93 FE/RA:NONE		DA	32								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE U.S. WEST WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR OPERATOR TRAINING OF NEW HIRES FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	33								

TABLE-A CONTINUED

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BT13

5ESS\* SWITCHING EQUIPMENT  
TERMINAL AND PROCESSOR  
CONNECTION FOR OPERATOR  
SERVICES POSITION SYSTEM  
\* LUCENT TRADE MARK

DWG SIZE C2 ISSUE 55

LUCENT TECHNOLOGIES INC ED5D522-33

SHEET A7 OF 42

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA						SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE NEW JERSEY BELL WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR OPERATOR TRAINING OF NEW HIRES FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	34								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE AT&T NETWORK SERVICES DIVISION WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR OPERATOR TRAINING OF NEW HIRES FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69) <5E5>		DA	35								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE DUKE UNIVERSITY WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR OPERATOR TRAINING OF NEW HIRES FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	36								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE THE WHIDBEY TELCO WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR OPERATOR TRAINING OF NEW HIRES FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	37								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE GTE OF CALIFORNIA WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR OPERATOR TRAINING OF NEW HIRES FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	38								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE CINCINNATI BELL WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR OPERATOR TRAINING OF NEW HIRES FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	39								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE PACIFIC BELL WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR OPERATOR TRAINING OF NEW HIRES FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	40								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE THE SOUTHERN NEW ENGLAND TEL. CO. WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR OPERATOR TRAINING OF NEW HIRES AND EXPERIENCED FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	41								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE THE UNITED TELEPHONE CO. WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR OPERATOR TRAINING OF NEW HIRES FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	42								
EQUIPMENT REQUIRED IN ADDITION TO GRP 33 TO 42 TO PROVIDE A CHARGE FOR PRODUCING A MASTER DISK FOR OSPS OPERATOR TRAINING OF NEW HIRES FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5> FE/RA:NONE		DA	43								

TABLE-A CONTINUED

ED5D522-33

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA						SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE U.S. WEST WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR TRAINING EXPERIENCED OPERATORS FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69) <5E5>		DA	44								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE NEW JERSEY BELL WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR TRAINING EXPERIENCED OPERATORS FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	45								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE AT&T NETWORK SERVICES DIVISION WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR TRAINING EXPERIENCED OPERATORS FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69) <5E5>		DA	46								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE DUKE UNIVERSITY WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR TRAINING EXPERIENCED OPERATORS FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	47								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE THE WHIDBEY TELCO WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR TRAINING EXPERIENCED OPERATORS FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	48								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8,9 OR 67 TO PROVIDE GTE OF CALIFORNIA WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR TRAINING EXPERIENCED OPERATORS FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5> DA EFF:07/11/94 FE/RA:NONE		DA	49								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE CINCINNATI BELL WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR TRAINING EXPERIENCED OPERATORS FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	50								

TABLE-A CONTINUED

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SHEET A8 OF 42

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TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE PACIFIC BELL WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR TRAINING EXPERIENCED OPERATORS FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	51								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE THE SOUTHERN NEW ENGLAND TEL. CO. WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR TRAINING EXPERIENCED OPERATORS FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5> DA EFF:07/11/94 FE/RA:NONE		DA	52								
EQUIPMENT REQUIRED IN ADDITION TO GRP 7,8 OR 9 TO PROVIDE THE UNITED TELEPHONE CO. WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR TRAINING EXPERIENCED OPERATORS FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	53								
EQUIPMENT REQUIRED IN ADDITION TO GRP 44 TO 53 TO PROVIDE A CHARGE FOR PRODUCING A MASTER DISK FOR OSPS OPERATOR TRAINING OF EXPERIENCED OPERATORS FOR THE 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5> DA EFF:07/11/94 FE/RA:NONE		DA	54								
EQUIPMENT REQUIRED FOR ONE 7516 AGENT COMMUNICATION TERMINAL. (ACT) (SEE NOTE 75). <5E5> FE/RA:NONE		DA	55								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 55 TO PROVIDE OPERATORS HEADSET INTERFACE. <5E5> FE/RA:NONE		DA	56								
RESERVED FOR FUTURE USE.			57								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 55 WHEN 25 ACT REPLACEMENT DESIGNATION CARDS ARE REQUIRED. <5E5> DA EFF:02/06/98 FE/RA:NONE		DA	58								
RESERVED FOR FUTURE USE.			59								
APPARATUS REQUIRED IN ADDITION TO GRP 2 FOR FIELD MODIFICATION OF 10 KEYBOARDS TO ADD SUB ACCOUNT BILLING FEATURE (5E5). (SEE NOTE 77,78 & 85). <5E5> DA EFF:05/22/95 FE/RA:NONE		DA	60								
APPARATUS REQUIRED IN ADDITION TO GRP 2 FOR FIELD MODIFICATION OF 50 KEYBOARDS TO ADD SUB ACCOUNT BILLING FEATURE (5E5). (SEE NOTE 77,78 & 85). <5E5> DA EFF:05/22/95 FE/RA:NONE		DA	61								
APPARATUS REQUIRED IN ADDITION TO GRP 2 FOR FIELD MODIFICATION OF 10 KEYBOARDS TO ADD MORE EFFICIENT CALL HANDLING FEATURE (5E6). (SEE NOTE 77,83 & 86). <5E6> DA EFF:05/22/95 FE/RA:NONE		DA	62								

TABLE-A CONTINUED

ED5D522-33

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 GRP 2 FOR FIELD MODIFICATION OF 50 KEYBOARDS TO ADD MORE EFFICIENT CALL HANDLING FEATURE (5E6). (SEE NOTE 77,83 & 86). <5E6> DA EFF:05/22/95 FE/RA:NONE		DA	63								
APPARATUS ALWAYS REQUIRED IN ADDITION TO GRP 2 FOR FIELD MODIFICATION OF TEN KEYBOARDS. (5E6) (SEE NOTES 77, 83 & 87). <5E6> DA EFF:05/22/95 FE/RA:NONE		DA	64								
APPARATUS ALWAYS REQUIRED IN ADDITION TO GRP 2 FOR FIELD MODIFICATION OF 50 KEYBOARDS. (5E6) (SEE NOTES 77, 83 & 87). <5E6> DA EFF:05/22/95 FE/RA:NONE		DA	65								
EQUIPMENT REQUIRED FOR FIELD CONVERSION OF BASIC SERVICE TERMINAL ARRANGED FOR DIRECTORY ASSISTANCE TO BASIC SERVICE TERMINAL ARRANGED FOR LISTING SERVICE (5E6). <5E6> DA EFF:02/06/98 FE/RA:NONE	162	DA	66								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE ONE KS23364 TRAINER W/PANASONIC WORM DRIVE. (SEE NOTE 62). <5E5> DA EFF:05/30/97 FE/RA:NONE		DA	67								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE OPTICAL DISK CONTAINING LESSON MATERIAL NOT CUSTOMER SPECIFIC FOR BOTH NEW HIRES AND EXPERIENCED OPERATORS FOR 5E5 GENERIC. (SEE NOTES 62 & 69). <5E5>		DA	68								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE OPTICAL DISK CONTAINING LESSON MATERIAL NOT CUSTOMER SPECIFIC FOR BOTH NEW HIRES AND EXPERIENCED OPERATORS FOR 5E6 GENERIC. (SEE NOTES 62 & 69). <5E6> DA EFF:07/16/93 FE/RA:NONE		DA	69								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 67 TO PROVIDE ADAPTER FOR DOMESTIC TRAINER. <5E5> DA EFF:05/30/97 FE/RA:NONE		DA	70								

TABLE-A CONTINUED

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LUCENT TECHNOLOGIES INC ED5D522-33

SHEET A9 OF 42

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TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA						SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED IN ADDITION TO GROUP 67 TO PROVIDE A 40 COLUMN, INKED RIBBON, DOT MATRIX INTERNAL PRINTER.		DA	71								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 67 TO PROVIDE A 52 COLUMN THERMAL TYPE INTERNAL PRINTER.		DA	72								
REQUIRED IN ADDITION TO GROUPS 7,8 OR 9 TO RETROFIT TO THE EQUIVALENT OF GROUP 67, INCLUDES THE INSTALLATION OF A PANASONIC WORM DRIVE, RESET SWITCH AND FIRMWARE ENHANCEMENTS. FE/RA:NONE DA EFF:09/05/96		DA	73								
REQUIRED IN ADDITION TO GROUPS SPECIFYING OPTICAL DISKS. (PROVIDES DUPLICATION SET-UP CHARGE). (SEE NOTE 82). DA EFF:03/01/97 FE/RA:NONE		DA	74								
APPARATUS ALWAYS REQUIRED IN ADDITION TO GROUP 2. 5E5 GENERIC <5E5> DA EFF:05/22/95 FE/RA:NONE		DA	75	1							
APPARATUS ALWAYS REQUIRED IN ADDITION TO GROUP 2 & 75. 5E6 GENERIC <5E6> DA EFF:05/22/95 FE/RA:NONE		DA	76	1							
EQUIPMENT REQUIRED FOR ONE BASIC SERVICE TERMINAL ARRANGED FOR LISTING SERVICES. 5E6 GENERIC OR LATER <5E6 OR LATER> DA EFF:05/25/94 FE/RA:NONE	55 60 73 97	DA	77	1							
EQUIPMENT REQUIRED FOR FIELD MODIFICATION OF BASIC SERVICE TERMINAL ARRANGED FOR DIRECTORY ASSISTANCE TO PROVIDE LISTING SERVICE FEATURES 5E6 GENERIC. <5E6>		DA	78	1							
EQUIPMENT REQUIRED FOR ONE 7A DISDNI UNIT.		DA	79	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 12 TO PROVIDE ONE FEMALE TO MALE CABLE ADAPTER. FE/RA:NONE		DA	80	1							
EQUIPMENT REQUIRED FOR ONE COMBINED SERVICES TERMINAL PERSONAL COMPUTER WITH POWER CORD.	88 89	DA	81	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 81 OR 408. PROVIDES ONE COMBINED SERVICES TERMINAL MONITOR WITH POWER AND VIDEO CORDS. DA EFF:07/16/93 FE:ED5D522-33,G82A	84 89	DA	82	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 81 OR 408. PROVIDES ONE COMBINED SERVICES TERMINAL MONITOR WITH POWER AND VIDEO CORDS. REPL:ED5D522-33,G82 DA EFF:07/11/94 RA:ED5D522-33,G425	84 89	DA	82A	1							

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 REQUIRED IN ADDITION TO GROUP \$81, 408,\$ OR 425. PROVIDES ONE COMBINED SERVICES TERMINAL KEYBOARD, CABLE, TEMPLATE, AND TABS. DA EFF:10/10/94 FE:ED5D522-33,G83A	89	DA	83	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 425. PROVIDES ONE COMBINED SERVICES TERMINAL KEYBOARD, CABLE, TEMPLATE, AND TABS. REPL:ED5D522-33 G83 DA EFF:02/06/98 FE/RA:NONE	89	DA	83A	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP \$81 OR 408\$ 425. PROVIDES ONE COMBINED SERVICES TERMINAL INTELLIGENT PC INTERFACE BOARD (IPIB). DA EFF:12/15/94 FE:ED5D522-33,G84A	89	DA	84	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 425. PROVIDES ONE COMBINED SERVICES TERMINAL ENHANCED INTELLIGENT PC INTERFACE BOARD (EPIB) REPL:ED5D522-33,G84	89 174		84A	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 67 TO PROVIDE ONE COMBINED SERVICES TERMINAL TRAINER ADAPTER UNIT. DA EFF:02/06/98 FE/RA:NONE		DA	85	1							
EQUIPMENT REQUIRED TO PROVIDE ONE 7526 AGENT COMMUNICATION TERMINAL PLUS. FE/RA:NONE	75	DA	86	1							
EQUIPMENT REQUIRED FOR ONE 7B DII UNIT.	174		87	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE AT&T NETWORK SERVICES DIVISION WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR NEW AND EXPERIENCED OPERATORS FOR 5E6 GENERIC. <5E6> FE/RA:NONE		DA	88	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE GTE NORTH-WEST WITH AN OPTICAL DISK CONTAINING LESSON MATERIAL FOR EXPERIENCED OPERATORS FOR 5E5 GENERIC. <5E5> DA EFF:07/11/94 FE/RA:NONE		DA	89	1							

TABLE-A CONTINUED

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ED5D522-33

LUCENT TECHNOLOGIES INC ED5D522-33

SHEET A10 OF 42

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TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO GROUP 88 TO PROVIDE A CHARGE FOR THE ALTERATION OF LESSON MATERIALS ON AN OPTICAL DISK FOR OS/PS OPERATOR TRAINING FOR BOTH NEW AND EXPERIENCED OPERATORS FOR 5E6 SOFTWARE RELEASE. (SEE NOTE 154) <5E6> DA EFF:07/16/93 FE/RA:NONE		DA	90	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 11A,11B,11C OR 11D TO PROVIDE ONE GANDALF MODEM AND PLUG. DA EFF:02/06/98 FE/RA:NONE	172	DA	91	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 11A, 11B OR 11C TO PROVIDE 705MT TERMINAL AND ADAPTER. DA EFF:07/16/93 FE:ED5D522-33,G92A	95 172	DA	92	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 11A,11B,11C OR 11D TO PROVIDE 705MT TERMINAL AND ADAPTER. REPL:ED5D522-33 G92	95 172 174 176		92A	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 11A TO PROVIDE ONE 3B2/400 PROCESSOR, SOLUTION Q+. (SEE NOTE 59,64,74,80,81,91,93, 94 & 96)	172	DA	93	1							
EQUIPMENT REQUIRED FOR ONE 7A3 DISDNI UNIT DA EFF:07/16/93 FE/RA:NONE		DA	94	1							
REQUIRED IN ADDITION TO GROUP 11A,11B,11C OR 11D. PROVIDES ONE INTELLIGENT SERIAL CONTROLLER (ISC) CARD. DA EFF:02/06/98 FE/RA:NONE	91 92	DA	95								
REQUIRED IN ADDITION TO GROUP 67 TO PROVIDE A TRAINER CONTAINING AN INTERNAL 52 COLUMN THERMAL PRINTER AND A PANASONIC WORM DRIVE. DA EFF:03/01/97 FE/RA:NONE		DA	96								
REQUIRED IN ADDITION TO GROUP 67 TO PROVIDE A TRAINER CONTAINING AN INTERNAL 40 COLUMN DOT MATRIX INKED RIBBON PRINTER AND A PANASONIC WORM DRIVE. DA EFF:05/30/97 FE/RA:NONE		DA	97								
PROVIDES AN OUT-OF-WARRANTY REPAIR CHARGE FOR OS/PS VERSION A OR VERSION B TRAINERS. DA EFF:02/06/98 FE/RA:NONE		DA	98								
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO GROUP 88 TO PROVIDE A CHARGE FOR THE CUSTOMIZATION OF LESSON MATERIALS ON AN OPTICAL DISK FOR OS/PS OPERATOR TRAINING FOR BOTH NEW AND EXPERIENCED OPERATORS FOR 5E6 SOFTWARE RELEASE. (SEE NOTES 154 AND 155) <5E6> DA EFF:09/02/95 FE/RA:NONE		DA	99								
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO GRP 1 TO PROVIDE OS & DSP FIRMWARE. (SEE NOTE 70).		DA	100	1	ED5D643-30	1					

TABLE-A CONTINUED

ED5D522-33

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 ALWAYS REQUIRED IN ADDITION TO GROUP 1 TO PROVIDE OS & DSP FIRMWARE. FOR BST-DA (SEE NOTE 70). DA EFF:02/06/98 FE/RA:NONE		DA	100A	1	ED5D643-30	1A					
EQUIPMENT REQUIRED IN ADDITION TO GRP 1 TO PROVIDE REPLACEMENT OS FIRMWARE. (NOTES 58 & 70). DA EFF:02/06/98 FE/RA:NONE		DA	101	1	ED5D643-30	2					
EQUIPMENT REQUIRED IN ADDITION TO GRP 1 TO PROVIDE REPLACEMENT DSP FIRMWARE. (NOTES 58 & 70).		DA	102	1	ED5D643-30	3					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 1 TO PROVIDE REPLACEMENT DSP FIRMWARE. FOR BST-DA OR BST-LS (NOTES 58 OR 70). DA EFF:02/06/98 FE/RA:NONE		DA	102A	1	ED5D643-30	3A					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 1A TO PROVIDE OS & DSP FIRMWARE FOR BST-LS. (5E6 GENERIC OR LATER). (SEE NOTE 70). <5E6 OR LATER> DA EFF:02/06/98 FE/RA:NONE		DA	103	1	ED5D643-30	14					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 1A TO RETROFIT TO 5E6. ONLY OS FIRMWARE REQUIRED. FOR BST-LS. DA EFF:02/06/98 FE/RA:NONE		DA	104	1	ED5D643-30	13					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 1 AND 66 OR 1 AND 78 OR 1A OR 77 TO PROVIDE 5E7 OS AND DSP FIRMWARE FOR NEW TERMINAL START. <5E7> DA EFF:05/05/92 FE/RA:NONE	70	DA	105	1	ED5D643-30	18					
EQUIPMENT REQUIRED TO RETROFIT BST-LS TO 5E7 OR TO PROVIDE REPLACEMENT FIRMWARE. ONLY OS FIRMWARE PROVIDED. <5E7> DA EFF:05/05/92 FE/RA:NONE	70	DA	106	1	ED5D643-30	4					
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO GRP 2 TO PROVIDE OS, CHAR GEN, DSP & PAL FIRMWARE. (SEE NOTE 70).		DA	200	1	ED5D643-30	4					
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO GRP 2 TO PROVIDE OS, CHAR GEN, DSP & PAL FIRMWARE. (SEE NOTE 70).		DA	200A	1	ED5D643-30	4A					

TABLE-A CONTINUED

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55

LUCENT TECHNOLOGIES INC

ED5D522-33

SHEET All  
OF 42

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TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA						SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE OS, CHAR GEN, AND DSP FIRMWARE. (SEE NOTE 70). DA EFF:05/05/92 FE/RA:NONE		DA	200B	1	ED5D643-30	4B					
EQUIPMENT REQUIRED IN ADDITION TO GRP 2 TO PROVIDE REPLACEMENT OS FIRMWARE. (NOTES 61 & 70).		DA	201	1	ED5D643-30	5					
EQUIPMENT REQUIRED IN ADDITION TO GRP 2 TO PROVIDE REPLACEMENT OS FIRMWARE. (NOTES 61 & 70). DA EFF:05/05/92 FE/RA:NONE		DA	201A	1	ED5D643-30	5A					
EQUIPMENT REQUIRED IN ADDITION TO GRP 2 TO PROVIDE REPLACEMENT DSP FIRMWARE. (NOTES 61 & 70).		DA	202	1	ED5D643-30	6					
EQUIPMENT REQUIRED IN ADDITION TO GRP 2 TO PROVIDE REPLACEMENT DSP FIRMWARE. (NOTES 61 & 70).		DA	202A	1	ED5D643-30	6A					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE REPLACEMENT DSP FIRMWARE. (NOTE 61 & 70). DA EFF:05/18/95 FE/RA:NONE		DA	202B	1	ED5D643-30	6B					
EQUIPMENT REQUIRED IN ADDITION TO GRP 2 TO PROVIDE REPLACEMENT CHAR GEN FIRMWARE. (NOTES 61 & 70). DA EFF:02/06/98 FE/RA:NONE		DA	203	1	ED5D643-30	7					
EQUIPMENT REQUIRED IN ADDITION TO GRP 2 TO PROVIDE REPLACEMENT PAL FIRMWARE. (NOTE 61).		DA	204	1	ED5D643-30	8					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE 5E7 OS, CHAR GEN AND DSP FIRMWARE FOR NEW TERMINAL START. <5E7> DA EFF:05/18/95 FE/RA:NONE	70	DA	205	1	ED5D643-30	20					
EQUIPMENT REQUIRED TO RETROFIT VDT TO 5E7 OR TO PROVIDE REPLACEMENT FIRMWARE. ONLY OS FIRMWARE PROVIDED. <5E7> DA EFF:05/18/95 FE/RA:NONE	70	DA	206	1	ED5D643-30	19					
EQUIPMENT REQUIRED TO RETROFIT VDT TO 5E8 OR TO PROVIDE REPLACEMENT FIRMWARE. ONLY DSP FIRMWARE PROVIDED. DA EFF:02/06/98 FE/RA:NONE	70	DA	207	1	ED5D643-30	21					
EQUIPMENT REQUIRED TO RETROFIT VDT TO 5E8 OR TO PROVIDE REPLACEMENT FIRMWARE. ONLY OS FIRMWARE PROVIDED. DA EFF:02/06/98 FE/RA:NONE	70	DA	208	1	ED5D643-30	22					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE 5E8 OS, CHAR GEN AND DSP FIRMWARE FOR NEW STARTS. DA EFF:02/06/98 FE/RA:NONE	70	DA	209	1	ED5D643-30	23					
EQUIPMENT REQUIRED TO RETROFIT VDT TO 5E9 OR TO PROVIDE REPLACEMENT FIRMWARE. ONLY OS FIRMWARE PROVIDED. DA EFF:02/06/98 FE/RA:NONE		DA	210	1	ED5D643-30	24					

TABLE-A CONTINUED

ED5D522-33

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA						SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED IN ADDITION TO GRP 2 TO PROVIDE 5E5 OS, CHAR GEN, AND DSP FIRMWARE. DA EFF:02/01/93 FE/RA:NONE		DA	300	1	ED5D643-30	10					
EQUIPMENT REQUIRED TO RETROFIT TO 5E5. ONLY OS FIRMWARE REQUIRED. DA EFF:02/02/93 FE/RA:NONE		DA	301	1	ED5D643-30	9					
EQUIPMENT REQUIRED IN ADDITION TO GRP 2 TO PROVIDE 5E6 OS, CHAR GEN, AND DSP FIRMWARE. DA EFF:05/18/95 FE/RA:NONE		DA	302	1	ED5D643-30	12					
EQUIPMENT REQUIRED TO RETROFIT TO 5E6. ONLY OS FIRMWARE REQUIRED. DA EFF:05/18/95 FE/RA:NONE		DA	303	1	ED5D643-30	11					
EQUIPMENT REQUIRED IN ADDITION TO GRP 1A TO PROVIDE OS FIRMWARE FOR BST-LS. (5E6.2) <5E6.2>		DA	304	1	ED5D643-30	15					
EQUIPMENT REQUIRED IN ADDITION TO GRP 2 TO PROVIDE OS FIRMWARE FOR VDT. (5E6.2) <5E6.2>		DA	305	1	ED5D643-30	16					
REQUIRED WITH THERMAL PRINTERS SERIAL NUMBERS 228 AND LOWER TO PROVIDE SPARE PRINTER PAPER. DA EFF:02/06/98 FE/RA:NONE		DA	400								
REQUIRED WITH THERMAL PRINTERS SERIAL NUMBERS 229 AND HIGHER TO PROVIDE SPARE PRINTER PAPER. DA EFF:02/06/98 FE/RA:NONE		DA	401								
REQUIRED WITH DOT MATRIX PRINTERS TO PROVIDE SPARE PRINTER PAPER. DA EFF:02/06/98 FE/RA:NONE		DA	402								
REQUIRED WITH DOT MATRIX PRINTERS TO PROVIDE SPARE RIBBONS. DA EFF:02/06/98 FE/RA:NONE		DA	403								
REQUIRED TO PROVIDE A CARDBOARD SHIPPING CONTAINER FOR ALL TRAINERS. DA EFF:05/30/97 FE/RA:NONE		DA	404								

TABLE-A CONTINUED

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DWG SIZE C2 ISSUE 55

LUCENT TECHNOLOGIES INC ED5D522-33

SHEET A12 OF 42

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA						SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE GTE OF CALIFORNIA WITH AN OPTICAL DISK CONTAINING LESSON MATERIALS FOR NEW AND EXPERIENCED OPERATORS FOR THE 5E6 PROGRAM RELEASE. <5E6> FE/RA:NONE		DA	405								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE AN OPTICAL DISK CONTAINING NON-CUSTOMER SPECIFIC LESSON MATERIALS FOR NEW AND EXPERIENCED OPERATORS FOR THE 5E6.2 PROGRAM RELEASE. <5E6(2)> DA EFF:07/11/94 FE/RA:NONE		DA	406								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE SOUTHERN NEW ENGLAND TELEPHONE WITH AN OPTICAL DISK CONTAINING LESSON MATERIALS FOR NEW AND EXPERIENCED OPERATORS FOR THE 5E6 PROGRAM RELEASE. <5E6> DA EFF:07/11/94 FE/RA:NONE		DA	407								
EQUIPMENT REQUIRED FOR ONE COMBINED SERVICES TERMINAL 6386SX/EL PERSONAL COMPUTER WITH POWER CORD. DA EFF:07/11/94 RA:ED5D522-33,G425 REPL:ED5D522-33,81	88 89	DA	408	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE AT&T NSD WITH AN OPTICAL DISK CONTAINING LESSON MATERIALS FOR NEW AND EXPERIENCED OPERATORS FOR THE 5E7 PROGRAM RELEASE. <5E7> DA EFF:11/03/96 FE/RA:NONE		DA	409								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE AN OPTICAL DISK CONTAINING NON-CUSTOMER SPECIFIC LESSON MATERIALS FOR NEW AND EXPERIENCED OPERATORS FOR THE 5E7 PROGRAM RELEASE. <5E7> DA EFF:03/01/97 FE/RA:NONE		DA	410								
REQUIRED IN ADDITION TO LIST 409 TO PROVIDE A SERVICE CHARGE FOR ALTERATION OF LESSON MATERIALS FOR THE 5E7 PROGRAM RELEASE. <5E7> DA EFF:11/03/96 FE/RA:NONE	154	DA	411								
REQUIRED IN ADDITION TO GROUP 409 TO PROVIDE A SERVICE CHARGE FOR CUSTOMIZATION OF LESSON MATERIALS FOR THE 5E7 PROGRAM RELEASE. <5E7> DA EFF:01/15/97 FE/RA:NONE	154 155	DA	412								
EQUIPMENT REQUIRED TO PROVIDE ONE REPLACEMENT TEMPLATE FOR CST KEYBOARD. DA EFF:02/06/98 FE/RA:NONE		DA	413								
EQUIPMENT REQUIRED TO PROVIDE REPLACEMENT DESIGNATION TABS FOR 10 CST KEYBOARDS. DA EFF:02/06/98 FE/RA:NONE		DA	414								

TABLE-A CONTINUED

ED5D522-33

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA						SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED TO PROVIDE ONE SET OF REPLACEMENT RELEGENDABLE KEYCAPS FOR CST KEYBOARD. (CONSISTS OF 12 ROW 4 KEYCAPS AND 4 ROW 2 KEYCAPS). DA EFF:02/06/98 FE/RA:NONE		DA	415								
CABLING REQUIRED TO PROVIDE IMPEDANCE MATCHING FEATURE ON VDT OR CST/OSPS OPERATOR WORK STATION (OWS) OPERATOR HEADSET WHEN PRS-300 IS PROVIDED.	172 500		416	1							
EQUIPMENT REQUIRED TO PROVIDE ONE 3810 STANDALONE DATA SET UNIT (OPTIONAL, TO BE USED ONLY WHEN OAP IS REMOTE). REPL:ED5D522-33 G15	172 500		417	1							
EQUIPMENT REQUIRED FOR OSPS ADMINISTRATIVE PROCESSOR (OAP) SPARCCLASSIC COLOR WORKSTATION DA EFF:11/06/96 FE:ED5D522-33,G435	59 64 81 94 98 163 172	DA	418	1					SD5D135-01		
EQUIPMENT REQUIRED IN ADDITION TO GROUP 418 TO PROVIDE ONE PARALLEL PORT AND EIGHT SERIAL PORTS. (MAX 2 GROUP 419'S PER GROUP 418) DA EFF:11/06/96 FE:ED5D522-33,G436		DA	419	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 418 TO PROVIDE DESKTOP CD-ROM (MIN. ONE GROUP 420 PER SITE) DA EFF:11/06/96 FE:ED5D522-33,G437	164	DA	420	1							
EQUIPMENT REQUIRED IN ADDITION TO GROUP 435 TO PROVIDE ONE 4-8 GBYTE 4MM DDS-2 TAPE BACKUP PACK. (MIN.ONE GROUP 438 PER SITE). DA EFF:11/06/96 FE:ED5D522-33,G438	167	DA	421	1							
SOFTWARE REQUIRED FOR OAP-2 TO PROVIDE X.25 PACKAGE DA EFF:11/06/96 FE:ED5D522-33,G439	91	DA	422								
EQUIPMENT REQUIRED FOR ONE COMBINED SERVICES TERMINAL GIS GLOBALYST 515 PERSONAL COMPUTER, MONITOR, AND POWER CORDS. REPL:ED5D522-33,G82A REPL:ED5D522-33,G408 DA EFF:02/06/98 FE/RA:NONE	88 89 90 166	DA	425	1							

TABLE-A CONTINUED

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DWG SIZE C2 ISSUE 55

LUCENT TECHNOLOGIES INC ED5D522-33

SHEET A13 OF 42

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	
CONNECTORIZED SWITCHBOARD CABLE ASSEMBLIES FOR CST/OSPS OPERATOR WORK STATION (OWS) OR IPIB BASED EQUIVALENT TERMINALS CONNECTED TO OPERATOR HEAD SET, USED WITH OR WITHOUT "PRS-300".	172 500		426									
EQUIPMENT REQUIRED FOR ONE FACTORY REFURBISHED BASIC SERVICE TERMINAL ARRANGED FOR LISTING SERVICES, EQUIPPED WITH OS & DSP FIRMWARE. (5E4 (1) GENERIC OR LATER). DA EFF:02/06/98 FE/RA:NONE	70 172	DA	427	1					SD5D067-01			
EQUIPMENT REQUIRED FOR ONE FACTORY REFURBISHED BASIC SERVICE TERMINAL ARRANGED FOR DIRECTORY ASSISTANCE, EQUIPPED WITH OS & DSP FIRMWARE. (5E4 (1) GENERIC OR LATER). DA EFF:02/06/98 FE/RA:NONE	70 172	DA	428	1					SD5D067-01			
EQUIPMENT REQUIRED TO PROVIDE ONE COMBINED SERVICES TERMINAL KEYBOARD, CABLE, TEMPLATE, AND TABS ARRANGED FOR WINDOWS FEATURES.	500		429	1					SD5D135-01			
EQUIPMENT REQUIRED TO PROVIDE ONE COMBINED SERVICES TERMINAL KEYBOARD, CABLE, TEMPLATE, AND TABS ARRANGED FOR ENHANCED WINDOWS FEATURES.	500		430	1					SD5D135-01			
EQUIPMENT REQUIRED TO PROVIDE ONE CST/OSPS OPERATOR WORKSTATION (OWS) FOR CSG CUSTOMER FOR THE VDT REPLACEMENT PROJECT. DA EFF:03/07/96 FE:ED5D522-33,G431A	167	DA	431	1								
EQUIPMENT REQUIRED TO PROVIDE ONE CST/OSPS OPERATOR WORK STATION (OWS) FOR THE CSG CUSTOMER FOR THE VDT REPLACEMENT PROJECT. REPL:ED5D522-33 G431 DA EFF:02/06/98 FE:ED5D522-33,G431B	168	DA	431A	1								
EQUIPMENT REQUIRED TO PROVIDE ONE CST/OSPS OPERATOR WORK STATION (OWS) FOR THE CSG CUSTOMER FOR THE VDT REPLACEMENT PROJECT. REPL:ED5D522-33 G431A DA EFF:08/04/99 FE:ED5D522-33,G431C	168 173 500	DA	431B	1								
EQUIPMENT REQUIRED TO PROVIDE ONE CST/OSPS OPERATOR WORK STATION (OWS) FOR THE CSG CUSTOMER FOR THE VDT REPLACEMENT PROJECT. REPL:ED5D522-33 G431B	168 173 499 500		431C	1								
EQUIPMENT REQUIRED FOR OSPS ADMINISTRATIVE PROCESSOR (OAP-2) SPARCSTATION 5COLOR WORKSTATION REPL:ED5D522-33 G418 DA EFF:02/06/98 FE:ED5D522-33,G435A	59 64 81 91 94 98 163	DA	435	1					SD5D135-01			
EQUIPMENT REQUIRED FOR OSPS ADMINISTRATIVE PROCESSOR (OAP-2) SPARCSTATION 5COLOR WORKSTATION REPL:ED5D522-33 G435 DA EFF:08/04/99 FE:ED5D522-33,G435K	59 64 81 91	DA	435A	1					SD5D135-01			

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 REQUIRED FOR OSPS ADMINISTRATIVE PROCESSOR (OAP-3) ULTRA 5 WORKSTATION (8 ASYNC PORTS) REPL:NONE DA EFF:08/04/99 FE:ED5D522-33,G435L	175 176 177 500	DA	435B	1								
EQUIPMENT REQUIRED FOR OSPS ADMINISTRATIVE PROCESSOR (OAP-3) ULTRA 5 WORKSTATION (16 ASYNC PORTS) REPL:NONE DA EFF:08/04/99 FE:ED5D522-33,G435K	175 176 177 500	DA	435C	1								
EQUIPMENT REQUIRED FOR OSPS ADMINISTRATIVE PROCESSOR (OAP-3) ULTRA 5 WORKSTATION (24 ASYNC PORTS) REPL:NONE DA EFF:08/04/99 FE:ED5D522-33,G435K	175 176 177 500	DA	435D	1								
EQUIPMENT REQUIRED FOR OSPS ADMINISTRATIVE PROCESSOR (OAP-3) ULTRA 5 WORKSTATION (32 ASYNC PORTS) REPL:NONE DA EFF:08/04/99 FE:ED5D522-33,G435K	175 176 177 500	DA	435E	1								
EQUIPMENT REQUIRED FOR OSPS ADMINISTRATIVE PROCESSOR (OAP-3) ULTRA 5 WORKSTATION (8 ASYNC PORTS AND X.25 NOTIS FEATURE) REPL:NONE DA EFF:08/04/99 FE:ED5D522-33,G435K	175 176 177 500	DA	435F	1								
EQUIPMENT REQUIRED FOR OSPS ADMINISTRATIVE PROCESSOR (OAP-3) ULTRA 5 WORKSTATION (16 ASYNC PORTS AND X.25 NOTIS FEATURE) REPL:NONE DA EFF:08/04/99 FE:ED5D522-33,G435K	175 176 177 500	DA	435G	1								
EQUIPMENT REQUIRED FOR OSPS ADMINISTRATIVE PROCESSOR (OAP-3) ULTRA 5 WORKSTATION REPL:NONE DA EFF:08/04/99 FE:ED5D522-33,G435K	175 176 177 500	DA	435H	1								
EQUIPMENT REQUIRED FOR OSPS ADMINISTRATIVE PROCESSOR (OAP-3) ULTRA 5 WORKSTATION (X.25 NOTIS FEATURE) REPL:NONE DA EFF:08/04/99 FE:ED5D522-33,G435K	175 176 177 500	DA	435J	1								

TABLE-A CONTINUED

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55

ED5D522-33

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SHEET A14  
OF 42

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TABLE A-FEATURES (CONTINUED)

EQUIPMENT		EQUIPMENT OR CIRCUIT DATA										SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT			
EQUIPMENT REQUIRED FOR OSPS ADMINISTRATIVE PROCESSOR (OAP-3) ULTRA 5 WORKSTATION (ULTRAPARC-III E/W 8-SERIAL PORTS) REPL:ED5D522-33 G435A REPL:ED5D522-33 G435B REPL:ED5D522-33 G435C REPL:ED5D522-33 G435D REPL:ED5D522-33 G435E REPL:ED5D522-33 G435F REPL:ED5D522-33 G435G REPL:ED5D522-33 G435H REPL:ED5D522-33 G435J	499 500		435K	1										
EQUIPMENT REQUIRED IN ADDITION TO GROUP 435K TO PROVIDE ONE EIGHT PORT SERIAL ASYNCHRONOUS PORTS. (KIT) REPL:NONE	499		435L											
EQUIPMENT REQUIRED IN ADDITION TO GROUP 435A TO PROVIDE ONE PARALLEL PORT AND EIGHT SERIAL PORTS. (MAX 2 GROUP 436'S PER GROUP 435A) REPL:NONE	173 177 500	LA	436	1										
EQUIPMENT REQUIRED IN ADDITION TO GROUP 435 TO PROVIDE 2PLUS INTERNAL CD-ROM (MIN. ONE GROUP 437 PER SITE) DA EFF:02/06/98 FE:ED5D522-33,G437A	170	DA	437	1										
EQUIPMENT REQUIRED IN ADDITION TO GROUP 435A TO PROVIDE 2PLUS INTERNAL CD-ROM (MIN. ONE GROUP 437A PER SITE) REPL:ED5D522-33 G437	170 173 177 500	LA	437A	1										
EQUIPMENT REQUIRED IN ADDITION TO GROUP 435A TO PROVIDE ONE 5-GBYTE 4MM TAPE DESKTOP BACKUP PACK. (MIN. ONE GROUP 438 PER SITE) REPL:NONE	170 173 177 500	LA	438	1										
SOFTWARE REQUIRED FOR OAP-2 TO PROVIDE SUNLINK X.25, SOLARIS PACKAGE DA EFF:02/06/98 FE:ED5D522-33,G439A	91	DA	439											
SOFTWARE REQUIRED FOR OAP-2 TO PROVIDE SUNLINK X.25, SOLARIS PACKAGE (AT&T ONLY) REPL:ED5D522-33 G439	91 173 177 500	LA	439A	1										
EQUIPMENT REQUIRED TO PROVIDE ONE CST/OSPS OPERATOR WORK STATION (OWS) FOR THE CSG CUSTOMER FOR THE VDT REPLACEMENT PROJECT. AVAILABLE ONLY FOR THE LEC CUSTOMERS REPL:ED5D522-33 G431A DA EFF:02/06/98 FE:ED5D522-33,G440A	169	DA	440	1										
EQUIPMENT REQUIRED TO PROVIDE ONE CST/OSPS OPERATOR WORK STATION (OWS) FOR THE CSG CUSTOMER FOR THE VDT REPLACEMENT PROJECT. AVAILABLE ONLY FOR THE LEC CUSTOMERS REPL:ED5D522-33 G440 DA EFF:08/04/99 FE:ED5D522-33,G440B	169 173 500	DA	440A	1										
EQUIPMENT REQUIRED TO PROVIDE ONE CST/OSPS OPERATOR WORK STATION (OWS) FOR THE CSG CUSTOMER FOR THE VDT REPLACEMENT PROJECT. AVAILABLE ONLY FOR THE LEC CUSTOMERS REPL:ED5D522-33 G440A DA EFF:11/01/99 FE:ED5D522-33,G440C	169 173 499 500	DA	440B	1										

TABLE-A CONTINUED

ED5D522-33

TABLE A-FEATURES (CONTINUED)

EQUIPMENT		EQUIPMENT OR CIRCUIT DATA										SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT			
EQUIPMENT REQUIRED TO PROVIDE ONE CST/OSPS OPERATOR WORK STATION (OWS) WITH THE 176 KEY KEYBOARD FOR THE CSG CUSTOMER FOR THE VDT REPLACEMENT PROJECT. AVAILABLE ONLY FOR THE LEC CUSTOMERS. REPL:ED5D522-33 G440B	169 173 499 500		440C	1										
EQUIPMENT REQUIRED TO PROVIDE A 17 INCH ENTRY COLOR MONITOR. REPL:NONE	176 500		450	1										
CABLE ASSEMBLY ALWAYS REQUIRED IN ADDITION TO LISTS 435B OR 435C OR 435D OR 435E OR 435F OR 435G FOR CABLE LENGTH 10 FEET. REPL:NONE	176 500		460	1										
CABLE ASSEMBLY ALWAYS REQUIRED IN ADDITION TO LISTS 435B OR 435C OR 435D OR 435E OR 435F OR 435G FOR CABLE LENGTH 25 FEET. REPL:NONE	176 500		470	1										
CABLE ASSEMBLY ALWAYS REQUIRED IN ADDITION TO LISTS 435B OR 435C OR 435D OR 435E OR 435F OR 435G FOR CABLE LENGTH 50 FEET. REPL:NONE	176 500		480	1										
CABLE ASSEMBLY ALWAYS REQUIRED IN ADDITION TO LISTS 435B OR 435C OR 435D OR 435E OR 435F OR 435G FOR CABLE LENGTH 100 FEET. REPL:NONE	176 500		490	1										
ADAPTER ALWAYS REQUIRED IN ADDITION TO GROUPS 435B, 435C, 435D, 435E, 435F, 435G, 435H, 435J. REPL:NONE	500		500	1										
CONNECTORIZED CABLE ASSEMBLY. 7 FEET LONG.	500		A											
CONNECTORIZED CABLE ASSEMBLY. 14 FEET LONG.	500		B											
CONNECTORIZED CABLE ASSEMBLY. 25 FEET LONG.	500		C											
CONNECTORIZED CABLE ASSEMBLY. 50 FEET LONG.	500		D											
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE AN EXTERNAL TEST FIXTURE FOR TRAINER PORT OF VIDEO DISPLAY TERMINALS. (SEE NOTE 69). DA EFF:05/22/95 FE/RA:NONE		DA	E	1	ED5D463-31	1								
EQUIPMENT REQUIRED IN ADDITION TO GROUPS 10, 11 OR 11A PROVIDES ONE 2MB 1/2 HEIGHT RAM CARD. (MAX. 2 GRP F'S PER GRP 10, MAX. 1 GRP F PER GRP 11 OR 11A). DA EFF:02/06/98 FE/RA:NONE		DA	F											

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LUCENT TECHNOLOGIES INC ED5D522-33

SHEET A15 OF 42

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	
REQUIRED IN ADDITION TO GROUP 55 WHEN ACD/MIS AGENT COMMUNICATION TERMINAL GUIDE IS REQUIRED. (SEE NOTE 76). DA EFF:02/06/98 FE/RA:NONE		DA	G									
REQUIRED IN ADDITION TO GROUP 55 WHEN ACD/MIS SUPERVISOR COMMUNICATION TERMINAL GUIDE IS REQUIRED. (SEE NOTE 76). DA EFF:02/06/98 FE/RA:NONE		DA	H									
REQUIRED IN ADDITION TO GROUP 55 WHEN ISDN 7505, 7506 AND 7507 USERS MANUAL IS REQUIRED. DA EFF:02/06/98 FE/RA:NONE		DA	J									
APPARATUS REQUIRED IN ADDITION TO GROUP 2 FOR THE 5E5 GENERIC. <5E5>		DA	K	1								
APPARATUS REQUIRED IN ADDITION TO GROUP 2 & K FOR THE 5E6 GENERIC. <5E6>		DA	L	1								
REQUIRED IN ADDITION TO GROUP 81 WHEN THE CST USERS MANUAL IS REQUIRED. DA EFF:02/06/98 FE/RA:NONE	90	DA	M	1								
EQUIPMENT REQUIRED TO RETROFIT TO 5E6 IF UPGRADING A 3B2/300. 3B2/310 MIGRATE KIT WITH MATH ACC UNIT. (SEE NOTE 92) DA EFF:05/05/92 FE/RA:NONE		DA	N									
EQUIPMENT REQUIRED TO RETROFIT TO 5E6 IF UPGRADING A 3B2/300. 3B2 POWER SUPPLY UPGRADE. (SEE NOTE 92) DA EFF:05/05/92 FE/RA:NONE		DA	P									
EQUIPMENT REQUIRED TO RETROFIT TO 5E6 IF UPGRADING A 3B2/300. 72MB HARD DISK. (SEE NOTE 92) DA EFF:05/05/92 FE/RA:NONE		DA	R									
EQUIPMENT REQUIRED TO RETROFIT TO 5E6 IF UPGRADING A 3B2/300, 310 OR 400. 2MB 1/2 HEIGHT RAM CARD. (SEE NOTE 80) DA EFF:02/06/98 FE/RA:NONE		DA	S									
EQUIPMENT REQUIRED TO RETROFIT TO 5E6 IF UPGRADING A 3B2/300, 310 OR 400. EPORTS BOARD. FE/RA:NONE	74 93	DA	T									
REQUIRED IN ADDITION TO GRP 86 WHEN ACD/MIS ACT PLUS AGENT GUIDE IS REQUIRED. DA EFF:02/06/98 FE/RA:NONE		DA	U									
REQUIRED IN ADDITION TO GRP 86 WHEN ACD/MIS ACT PLUS SUPERVISOR GUIDE IS REQUIRED. DA EFF:02/06/98 FE/RA:NONE		DA	V									
EQUIPMENT REQUIRED IN ADDITION TO GROUP 87 WHEN USED FOR 3B2 DATA LINKS (OAP, MIS/C, W/O MODEMS).	98 172 500		W	1					SD5D135-01	27	E	
EQUIPMENT REQUIRED IN ADDITION TO GROUP 87 WHEN USED FOR ASYNCHRONOUS DTE COMMUNICATIONS (HOBIS/HOBIC W/O MODEMS).	98 151 172 500		X	1					SD5D135-01	28	D	

TABLE-A CONTINUED

ED5D522-33

TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
EQUIPMENT REQUIRED IN ADDITION TO GROUP 87 WHEN USED FOR ASYNCHRONOUS DCE COMMUNICATION (OAP, HOBIS/HOBIC, MIS/C WITH MODEMS).	98 151 172 500		Y	1						SD5D135-01	29	B
EQUIPMENT REQUIRED IN ADDITION TO GROUP 87 WHEN USED FOR ASYNCHRONOUS LOW SPEED DCE COMMUNICATION (AUTOQUOTE).	98 151 172 500		Z	1						SD5D135-01	30	A
EQUIPMENT REQUIRED IN ADDITION TO GROUP 87 WHEN USED FOR SYNCHRONOUS DTE COMMUNICATION (DAS/C, AMLB, RTRS WITHOUT MODEMS).	98 151 172	DA	AA	1						SD5D135-01	31	ZZ
EQUIPMENT REQUIRED IN ADDITION TO GROUP 87 WHEN USED FOR SYNCHRONOUS DCE COMMUNICATION (DAS/C, AMLB, ATRS WITH MODEMS).	98 151 172	DA	AB	1						SD5D135-01	32	YY
EQUIPMENT REQUIRED IN ADDITION TO GROUP 87 WHEN STANDALONE AC POWER IS REQUIRED.	100 172	LA	AC	1						SD5D135-01		XX
PROVIDES A MODULAR TO EIA ADAPTER KIT TO REPLACE PREWIRED ADAPTERS PROVIDED WITH GROUPS W THROUGH Z OR AB. DA EFF:07/13/99 FE/RA:NONE	99	DA	AD									
REQUIRED IN ADDITION TO GROUP 55 TO UPGRADE TEN 7516 AGENT COMMUNICATION TERMINALS (ACT) TO FEATURE PACKAGE 2.5.8. PROVIDES PARTS KIT FOR TEN SETS. DA EFF:02/06/98 FE/RA:NONE		DA	AE									
EQUIPMENT REQUIRED IN ADDITION TO GROUPS 87 OR 94 WHEN USED FOR SYNCHRONOUS DCE COMMUNICATIONS WITH DBU (EIS). DA EFF:07/13/99 FE/RA:NONE	98 151 172	DA	AF	1						SD5D135-01	34	ZA
EQUIPMENT REQUIRED IN ADDITION TO GROUP 87 WHEN STANDALONE AC POWER IS REQUIRED. REPL:ED5D522-33,GAC	100 172 500		AG	1						SD5D135-01		XX
WIRING REQUIRED IN ADDITION TO GROUP AG TO PROVIDE ONE D6AP CORD. REPL:ED5D522-33,GAC	161 172 500		AH	1								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 87 WHEN USED FOR SYNCHRONOUS DCE COMMUNICATION, (DAS/C, AMLB, RTRS WITHOUT MODEMS). FIELD WIRING IS REQUIRED. REPL:ED5D522-33 GAB	172 500		AJ	2								

TABLE-A CONTINUED

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SHEET  
OF

A16  
42

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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
PROVIDE CYBEX EQUIPMENT FOR ORDERING PURPOSE ONLY. (FOR AT&T ONLY) REPL:NONE	181		AK	1						
END OF TABLE-A										

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BT13

5ESS\* SWITCHING EQUIPMENT  
TERMINAL AND PROCESSOR  
CONNECTION FOR OPERATOR  
SERVICES POSITION SYSTEM  
\* LUCENT TRADE MARK

DWG SIZE C2	ISSUE 55
----------------	-------------

ED5D522-33

LUCENT TECHNOLOGIES INC ED5D522-33

SHEET OF	A17 42
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FIG. 1  
DIST FR T-INTERFACE CONNECTION  
FOR BASIC SERVICE TERMINAL

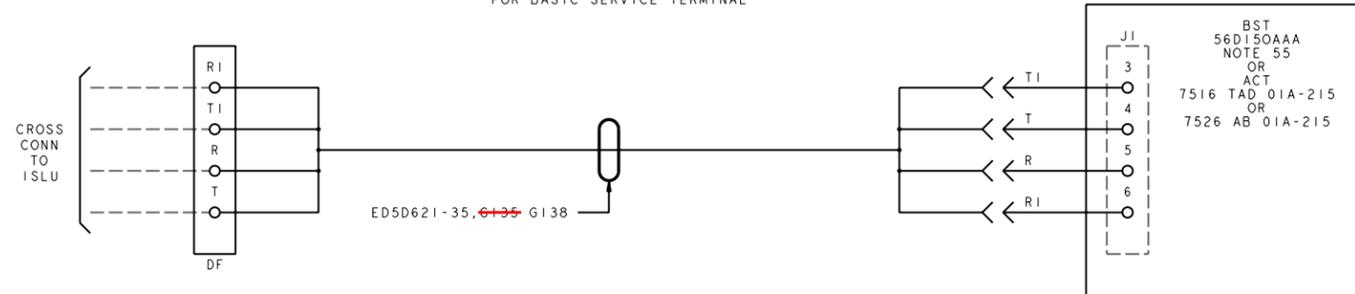
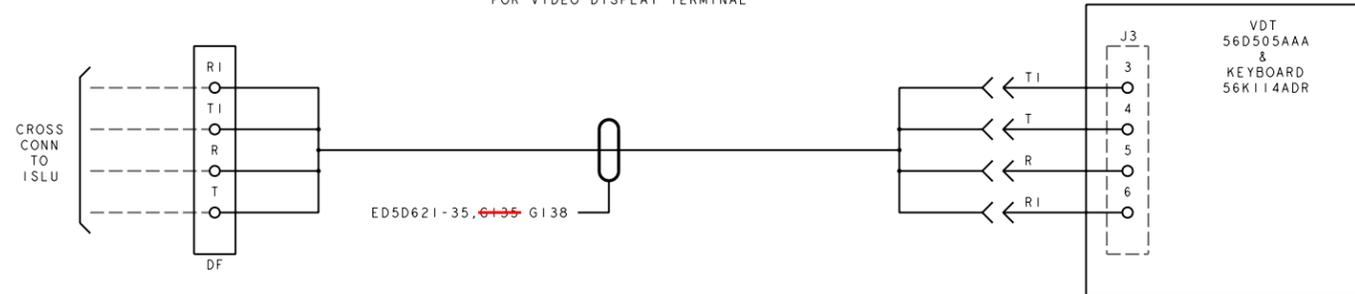


FIG. 2  
DIST FR T-INTERFACE CONNECTION  
FOR VIDEO DISPLAY TERMINAL



PROJ-EOEDFORM, FRM-FEB 96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		
OPERATOR SERVICES POSITION SYSTEM	THIRD ANGLE PROJ ⊕	
DWG SIZE C2	ISSUE 50W02	SHEET NO. B1
LUCENT TECHNOLOGIES	ED5D522-33	

FIG. 3 ( DA )  
OSPS ADMINISTRATIVE PROCESSOR  
AND ASSOCIATED EQUIPMENT  
SEE NOTE 54

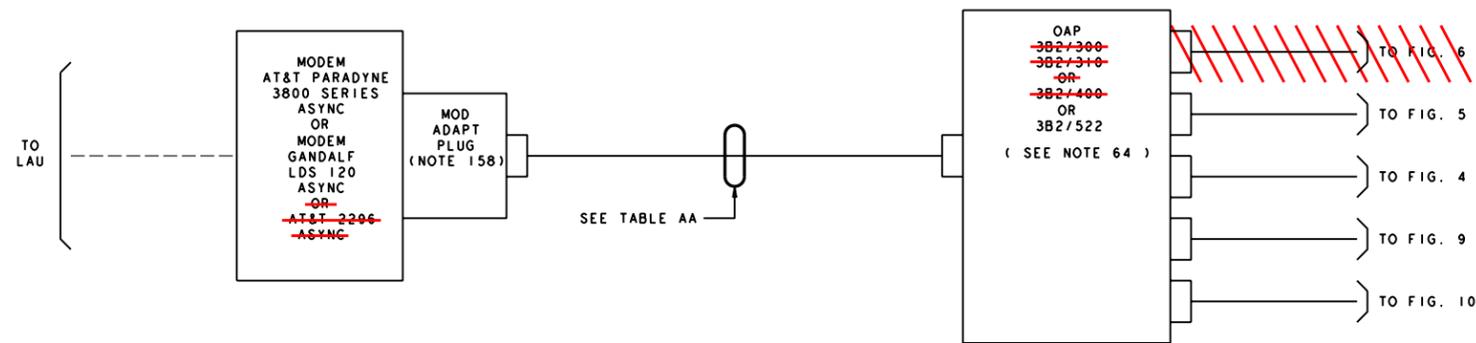


TABLE AA

RS 232 CABLE	
GRP	FEET
A	7
B	14
C	25
D	50

PROJ-EGEDFORM.FRM-FEB-96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		
OPERATOR SERVICES POSITION SYSTEM	THIRD ANGLE PROJN 	
	DWG SIZE C2	ISSUE 50W02
LUCENT TECHNOLOGIES	ED5D522-33	SHEET NO. B2

NOTE:

I. CORD	LENGTH	COMCODE
D8W-87	25 FT.	103786828
	50 FT.	103866109
	75 FT.	103866125
	100 FT.	103866141

FIG. 4 (DA)  
ADMINISTRATION CRT  
SEE NOTE 54

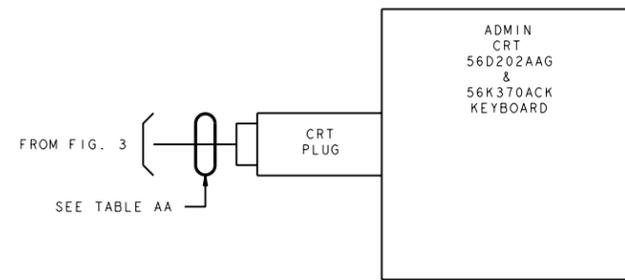


FIG. 5 (DA)  
ADMINISTRATION PRINTER  
SEE NOTE 54

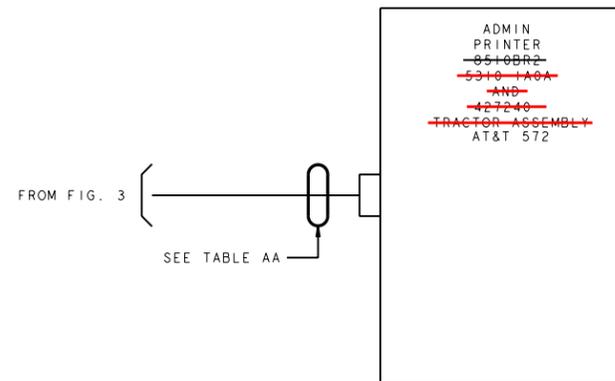


FIG. 5A  
~~ADMINISTRATION PRINTER~~  
~~SEE NOTE 163~~  
ADMINISTRATION, SECURITY OR OPERATOR TRAFFIC  
REPORT PRINTER (SEE NOTE 163)

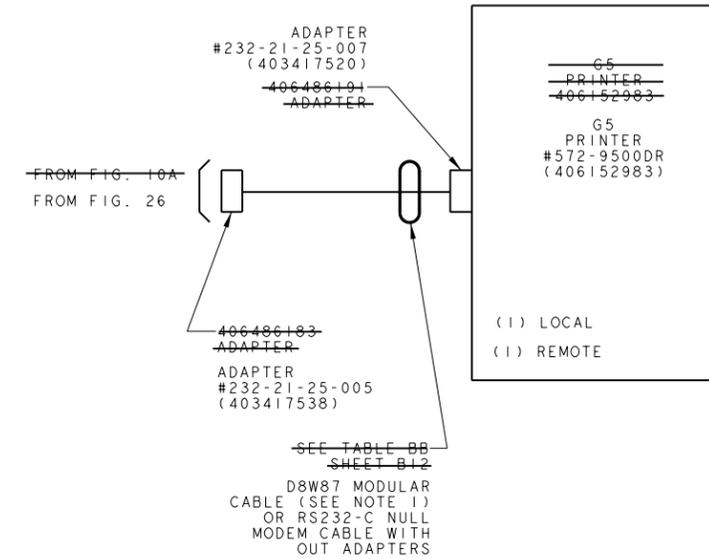
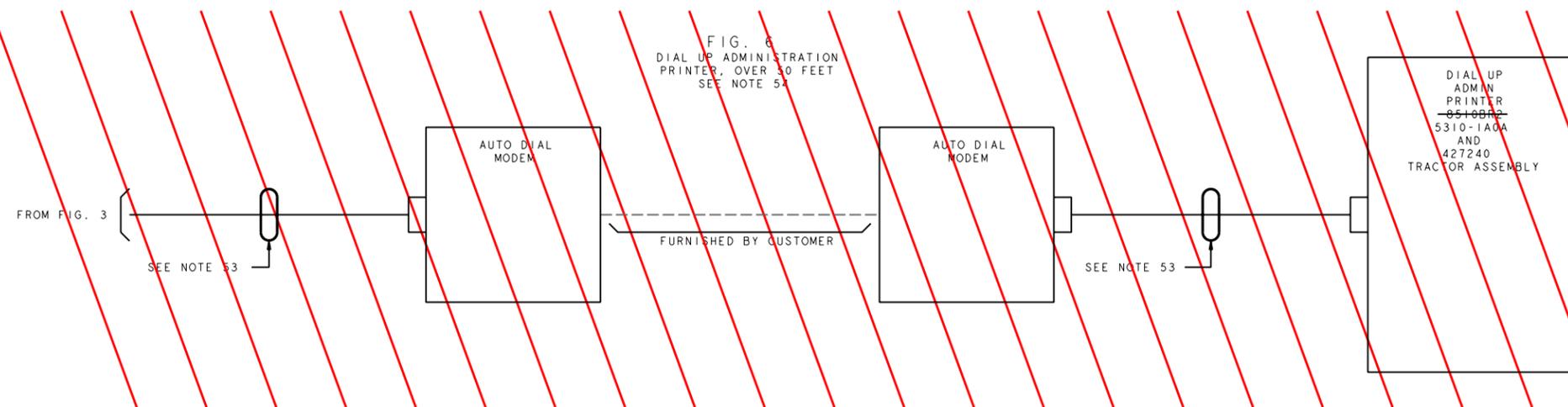


FIG. 6  
DIAL UP ADMINISTRATION  
PRINTER, OVER 50 FEET  
SEE NOTE 54

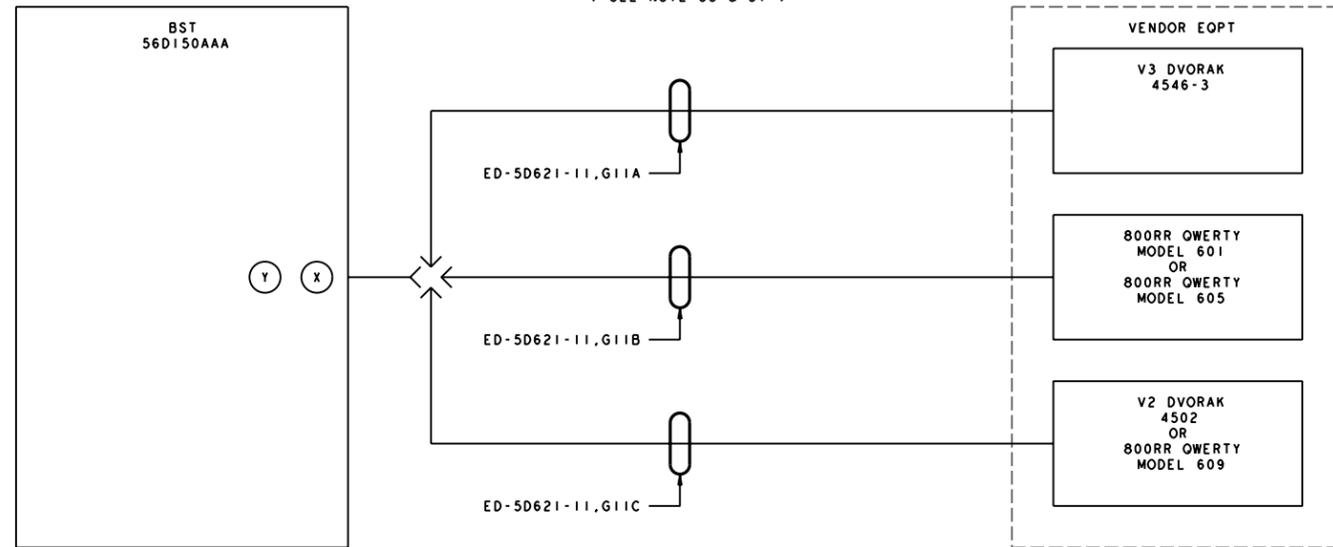


PROJ-EGEDFORM.FRM-FEB-96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJN	
OPERATOR SERVICES POSITION SYSTEM			
(P)	DWG SIZE C2	ISSUE 50W02	SHEET NO. B3
LUCCENT TECHNOLOGIES	ED5D522-33		

FIG. 7  
 BASIC SERVICE TERMINAL  
 INTERFACE TO COMPUTER CONSELS INC. ONLY ( DAS/C )  
 ( SEE NOTE 55 & 57 )



PROJ-EOEDFORM.FRM-FEB-96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		
OPERATOR SERVICES POSITION SYSTEM	THIRD ANGLE PROJ 	
(P) DWG SIZE C2	ISSUE 50W02	SHEET NO. B4
LUCENT TECHNOLOGIES	ED5D522-33	

FIG. 8  
KS23364 TRAINER TO VDT  
INTERFACE

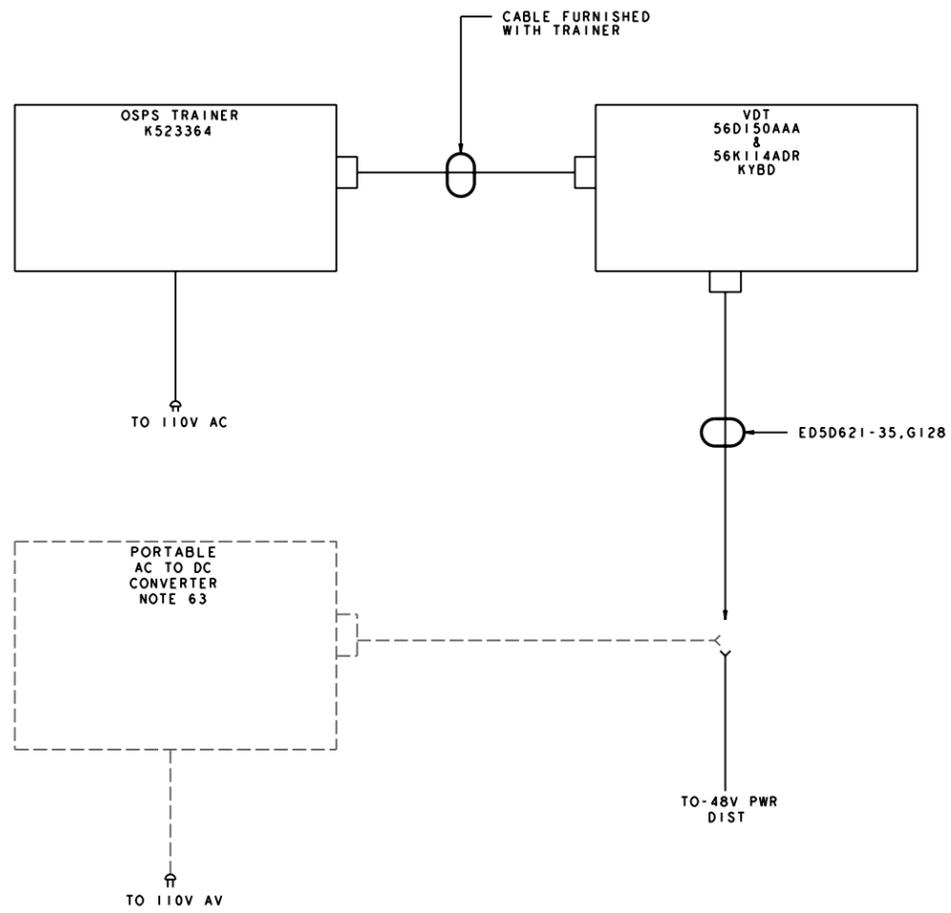
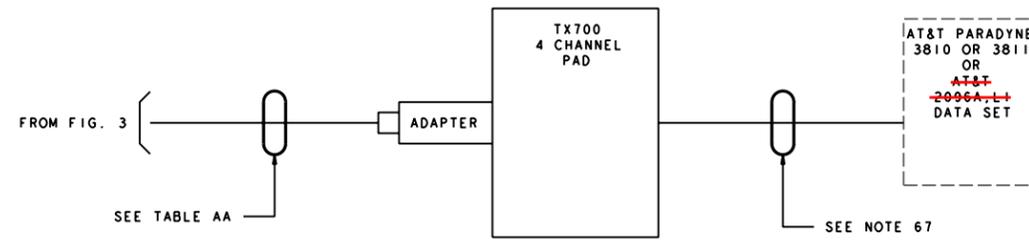


FIG. 9 ( DA )  
TX700 X.25 PAD



PROJ-EOEDFORM.FRM-FEB-96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		
OPERATOR SERVICES POSITION SYSTEM	THIRD ANGLE PROJ ⊕	ISSUE 50W02
(P)	DWG SIZE C2	SHEET NO. B5
LUCENT TECHNOLOGIES	ED5D522-33	

NOTE:

I. CORD	LENGTH	COMCODE
D8W-87	25 FT.	103786828
	50 FT.	103866109
	75 FT.	103866125
	100 FT.	103866141

FIG. 10 ( DA )  
ADMINISTRATION CRT OR  
SECURITY CRT  
SEE NOTE 54 & 95

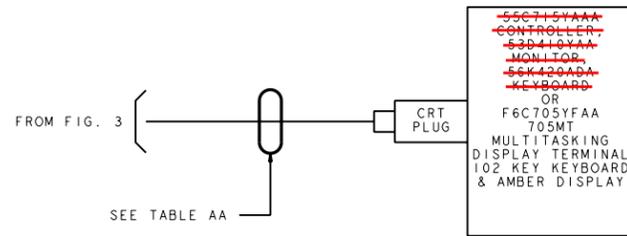


FIG. 10A  
~~ADMINISTRATION CRT OR~~  
~~SECURITY CRT~~  
~~SEE NOTE 95 & 163~~  
ADMINISTRATION TERMINAL OR SECURITY TERMINAL  
(SEE NOTE 95 & 163)

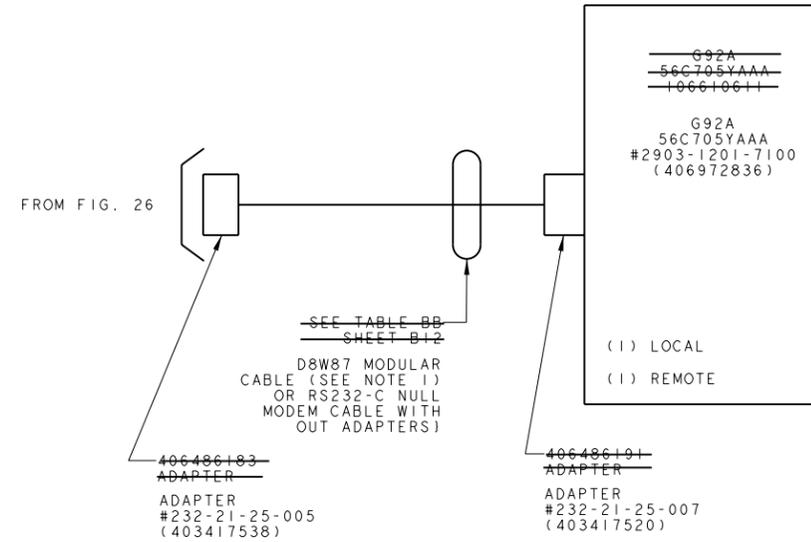
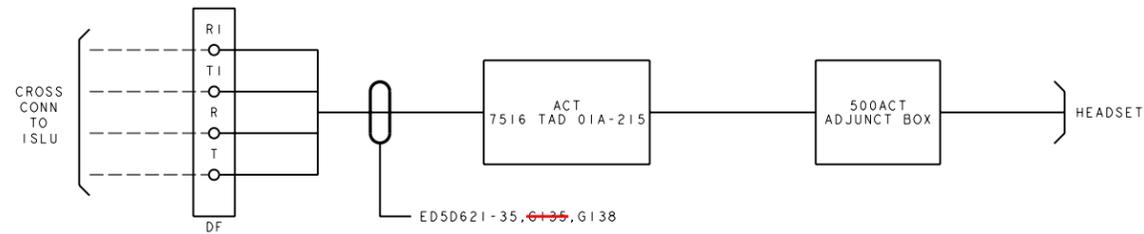


FIG. 11  
AGENT COMMUNICATIONS TERMINAL



PROJ-EGEDFORM, FRM-FEB 96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		
OPERATOR SERVICES POSITION SYSTEM		THIRD ANGLE PROJ ⊕
DWG SIZE C2		ISSUE 50W02
LUCENT TECHNOLOGIES	ED5D522-33	SHEET NO. B6

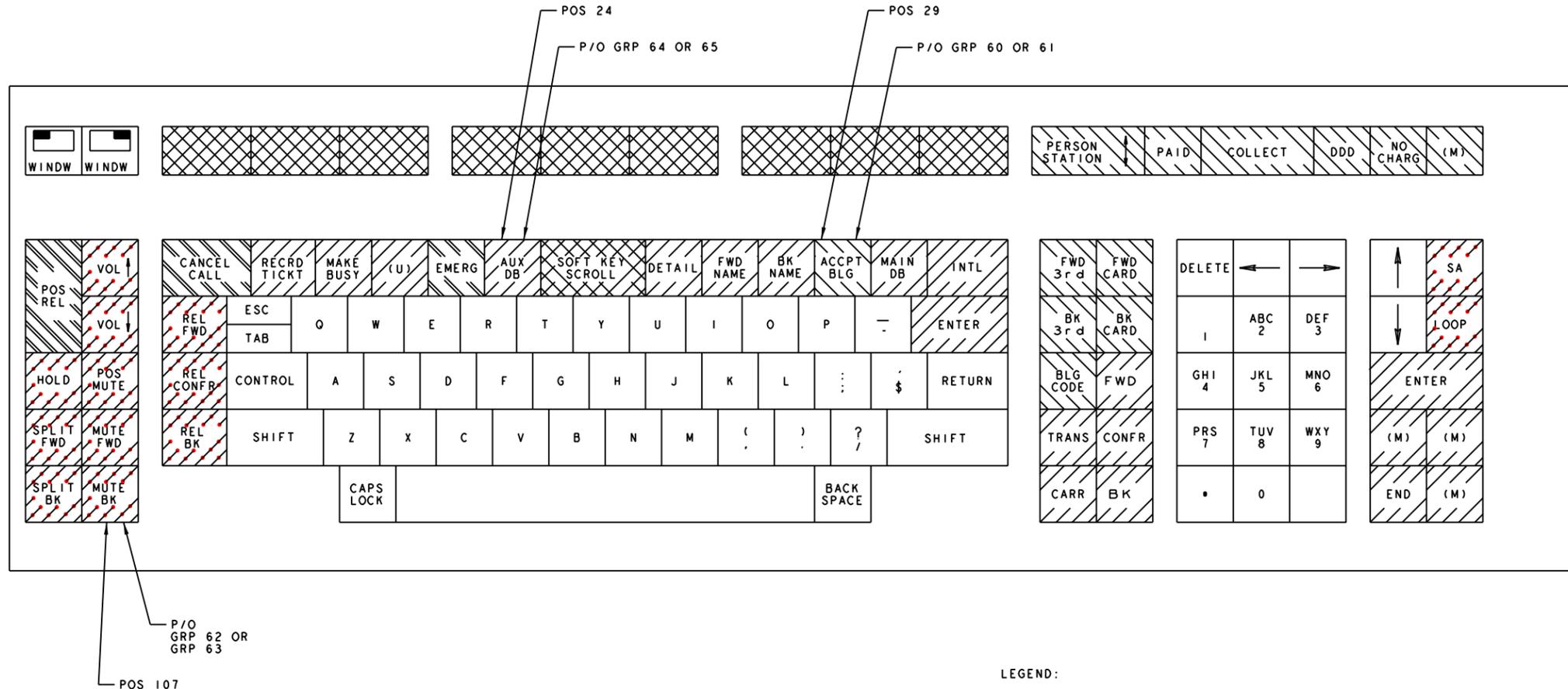
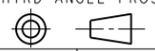


FIG 12  
VIDEO DISPLAY TERMINAL KEYBOARD

- LEGEND:
-  DARK GRAY
  -  LIGHT BLUE
  -  MEDIUM GRAY
  -  ROSE
  -  LIGHT GRAY
  -  OFF-WHITE
- (M) MACRO-TRANSPARENT CAP  
(U) UNUSED-BLANK CAP

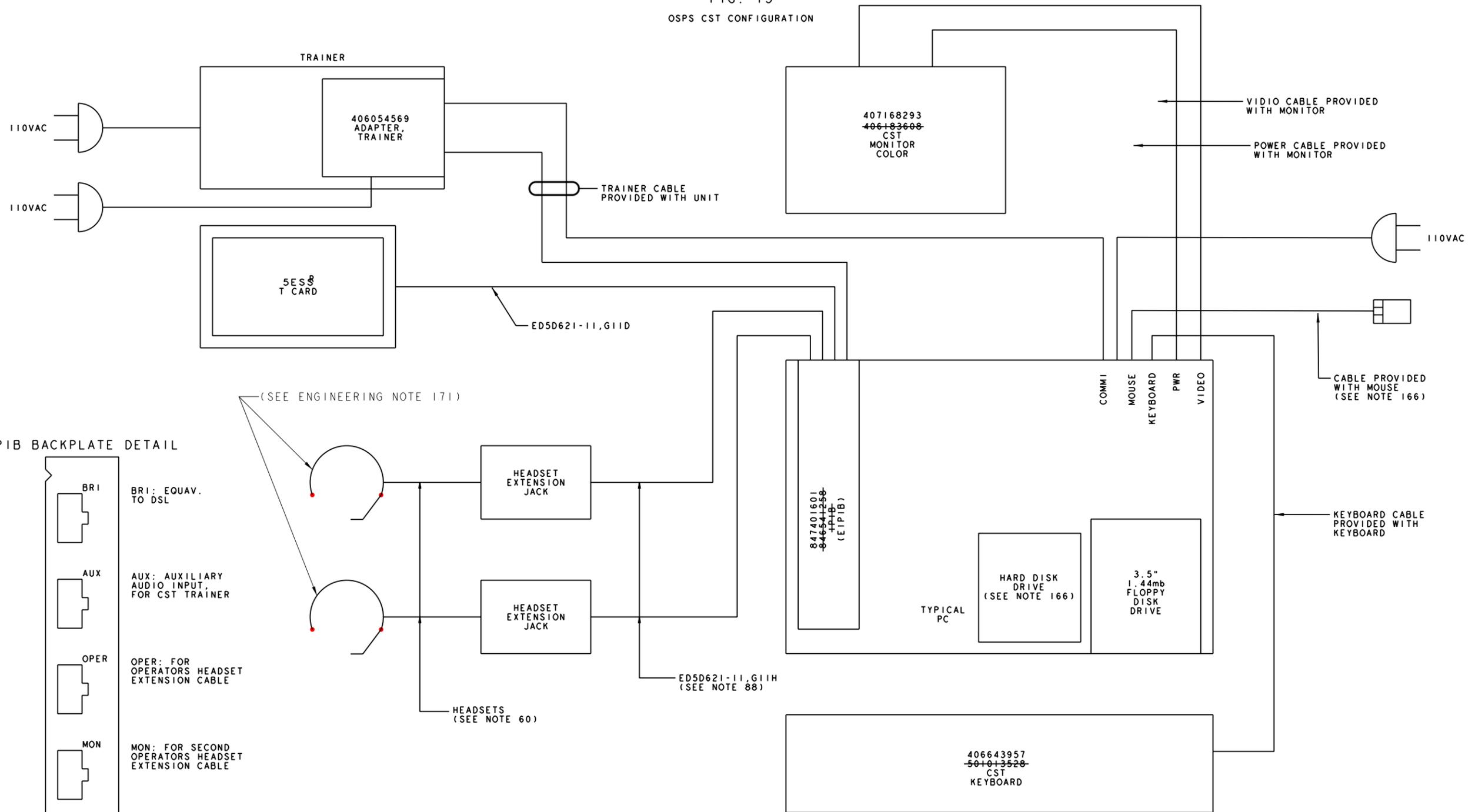
PROJ-EGEDFORM.FRM-FEB-96

ED5D522-33

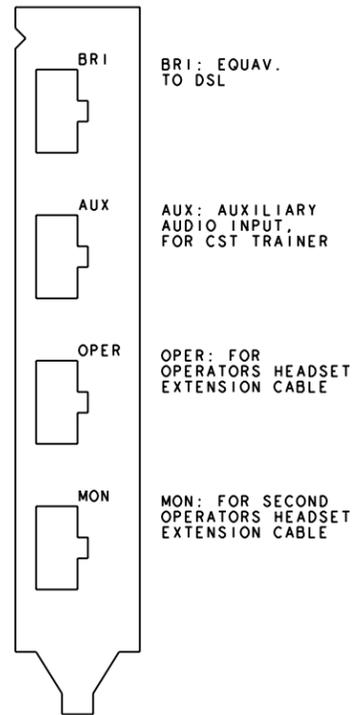
FOR PROPRIETARY NOTICE SEE SHEET A1	
OPERATOR SERVICES POSITION SYSTEM	THIRD ANGLE PROJ 
DWG SIZE C2	ISSUE 50W02
LUCENT TECHNOLOGIES	SHEET NO. B7

ED5D522-33

FIG. 13  
OSPS CST CONFIGURATION



IPIB BACKPLATE DETAIL



(SEE ENGINEERING NOTE 171)

HEADSETS (SEE NOTE 60)

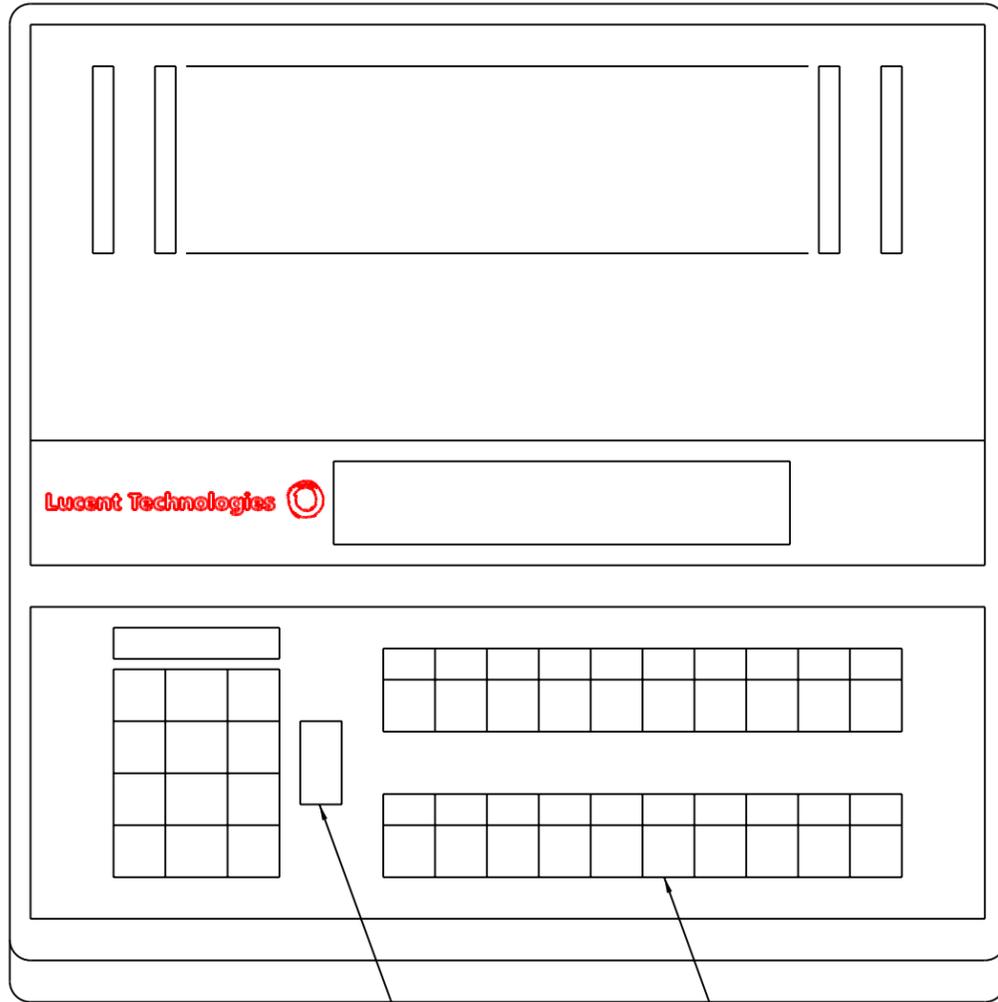
ED5D621-11, G11H (SEE NOTE 88)

PROJ-EGEDFORM, FRM-FEB 96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJ	
OPERATOR SERVICES POSITION SYSTEM			
DWG SIZE C2	ISSUE 50W02	SHEET NO. B8	
LUCCENT TECHNOLOGIES	ED5D522-33		

FIG. 14  
 BASIC SERVICES TERMINAL  
 DIRECTORY ASSISTANCE  
 FIELD MODIFICATION  
 TO PROVIDE LISTING SERVICE FEATURES



BASIC SERVICES TERMINAL

DIAL			EMER		CTRL	LOGIN	VOL ↓	↑ VOL	POS REL	S0
SPCL	TRANS	SA	HOLD					MAKE BUSY	MUTE	S1

SK A  
 LOCATION OF KEY DESIGNATION TABS  
 PROVIDED WITH GROUP 1 BASIC SERVICES TERMINAL  
 ARRANGED FOR DIRECTORY ASSISTANCE

RTE FWD	BK	CONFR	REL	SHIFT	EMER	LOGIN	BRT VOL ↓	↑ BRT VOL	POS REL	S0
DEL	ENTER	TRANS	SA	TRBL	OPER INIT	CANCL CALL	SPLIT BK	MAKE BUSY	— TONE MUTE	S1

SK B  
 LOCATION OF KEY DESIGNATION TABS  
 PROVIDED WITH GROUP 66 FOR FIELD MODIFICATION  
 OF BASIC SERVICES TERMINAL ARRANGED FOR  
 DIRECTORY ASSISTANCE TO PROVIDE LISTING SERVICE  
 FEATURES



SK C  
 PROVIDED WITH  
 GROUP 1



SK D  
 PROVIDED WITH  
 GROUP 66

SEE SK C OR SK D

SEE SK A OR SK B

PROJ - EGEDFORM, FRM - FEB 96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJN	
OPERATOR SERVICES POSITION SYSTEM			
	DWG SIZE C2	ISSUE 50W02	
LUCENT TECHNOLOGIES	ED5D522-33	SHEET NO. B9	

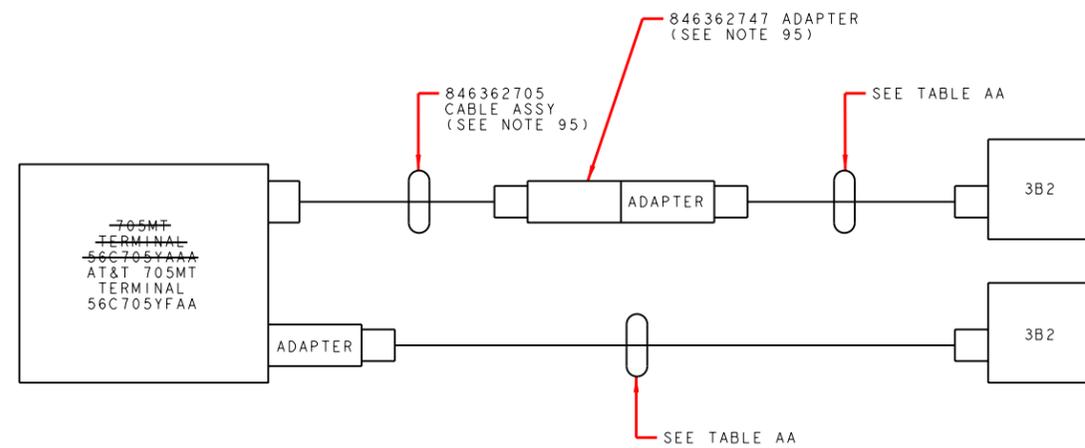


FIG. 15 ( DA )  
3B2 CONNECTION

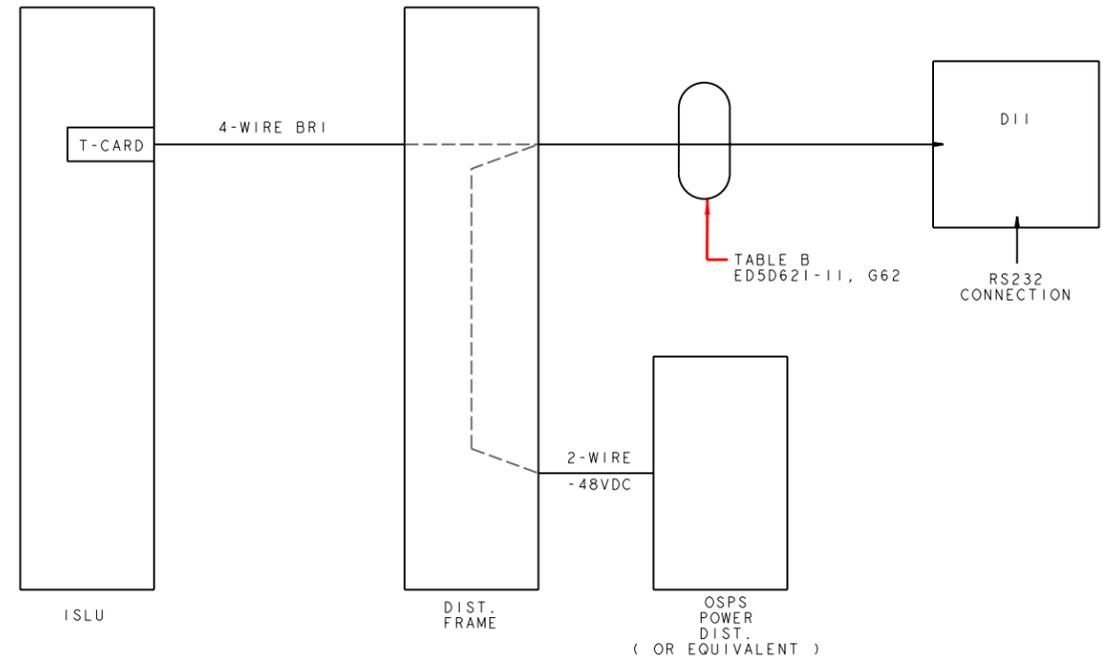


TABLE B

	FROM	TO	FUNCTION
DII	PIN 1 2	DISTRIBUTION FRAME, TIE BACK - UNUSED	INACTIVE "
	3 4 5 6	ISLU VIA DISTRIBUTION FRAME	TI TO RO RI
	7 8	OSPS POWER DIST. VIA D.F.	-48VDC -48RTN

FIG. 16B  
DII POWER VIA DISTRIBUTING FRAME

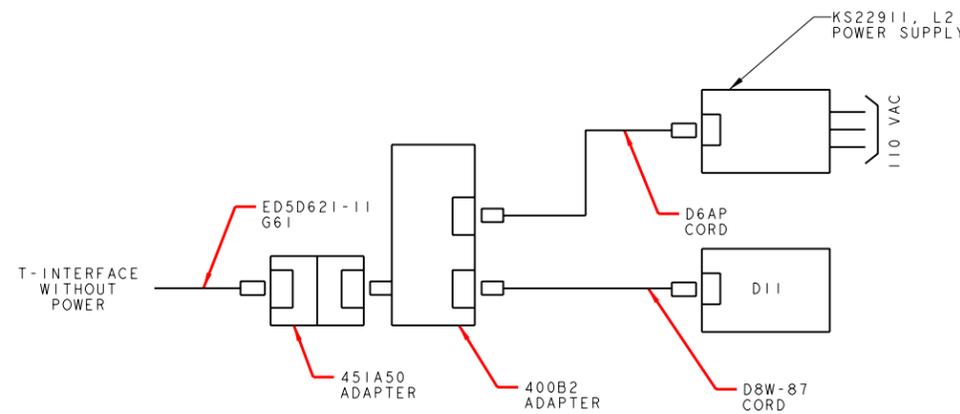
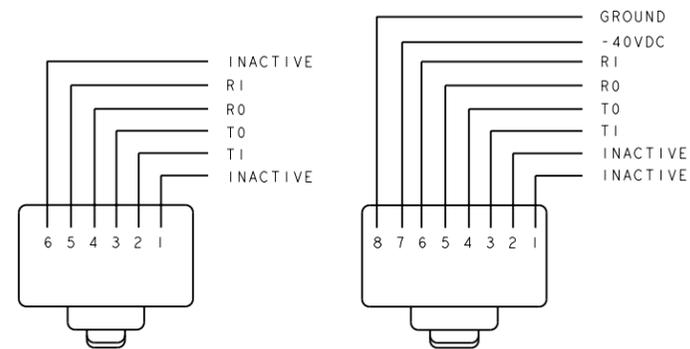
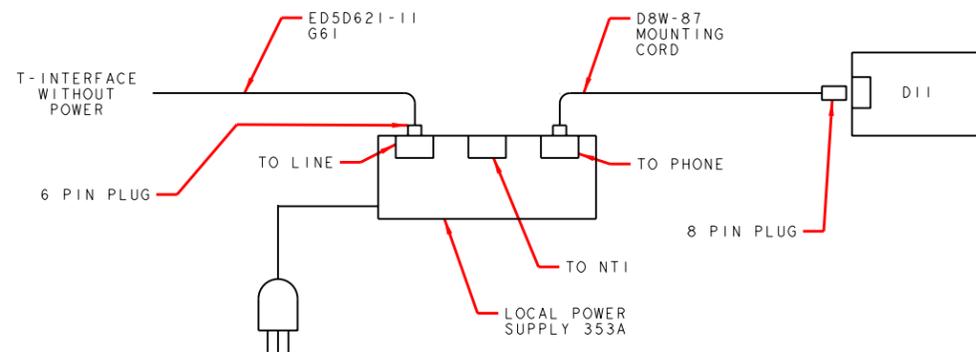


FIG. 16A  
DII POWER VIA LOCAL POWER  
353A OR KS22911, L2 POWER SUPPLY

PROJ-EGEDFORM, FRM-FEB 96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJ	
OPERATOR SERVICES POSITION SYSTEM			
	DWG SIZE C2	ISSUE 50W02	SHEET NO. B10
LUCCENT TECHNOLOGIES	ED5D522-33		

FIG. 17  
DII OPTION SETTINGS  
( SEE NOTE 153 )

APPLICATION	OPTION SETTINGS SEE NOTE 2	CONFIGURATION ( FIGURE )
EIS SYNC MODEMS W/DBU	DDUDU DUDUD	24
OAP W/O MODEMS W/ASYNC MODEMS	DDUDU „ DUDUD	18, 26 20
RTRS W/O MODEMS W/ASYNC MODEMS	DDUDU DUDDU DUDDU DUDDU	22 23
HOBIS/HOBIC W/O MODEMS W/ASYNC MODEMS	DDUDU „ UDUUD	19 20
AMLB 9.6 KBS W/O MODEMS W/ASYNC MODEMS	UDDUU DUDDD UDDUD DUDDD	22 23
19.2 KBS W/O MODEMS W/ASYNC MODEMS	UDDUU DUDDU UDDUD DUDDU	22 23
AUTOQUOTE W/ASYNC MODEMS	DDUDD UUUUD	21
DAS/C W/O MODEMS W/ASYNC MODEMS	DDUDU DUDDU DDUDD DUDDU	22 23
MIS W/O MODEMS SEE NOTE 1	DDUDU DUDUD	18
W/ASYNC MODEMS	„	20

D = SWITCH CLOSED ( DOWN )  
U = SWITCH OPEN ( UP )  
( SEE NOTE 12 )

FIG. 18 ( DA )  
DII USED FOR DATA LINKS  
OAP, MIS/C W/O MODEMS  
WITH MODEMS

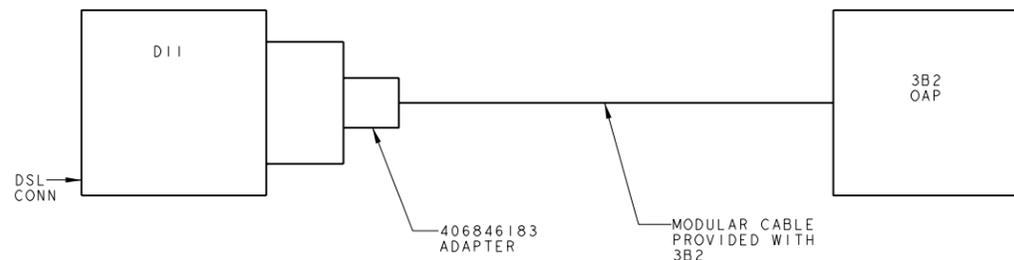


FIG. 19

DII USED FOR ASYNC DTE  
COMMUNICATION, HOBIS/HOBIC, OAP-2  
W/O MODEMS  
( SEE NOTE 98 )

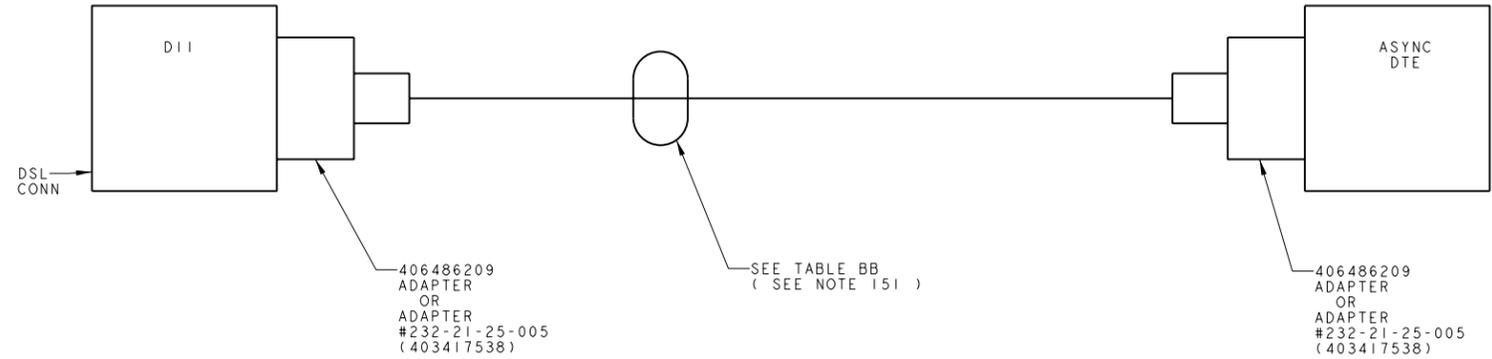


FIG. 20

DII USED FOR ASYNC DCE  
COMMUNICATION, HOBIS/HOBIC, OAP-2,  
MIS/C WITH MODEMS  
( SEE NOTE 98 )

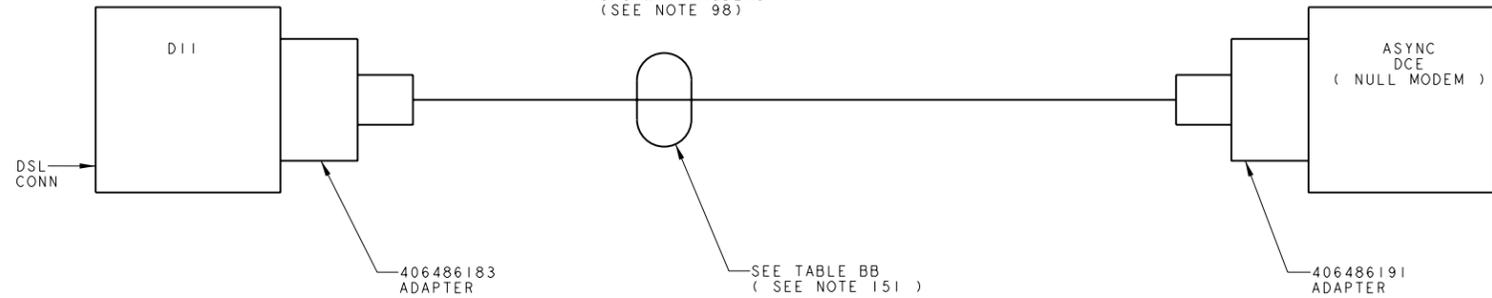
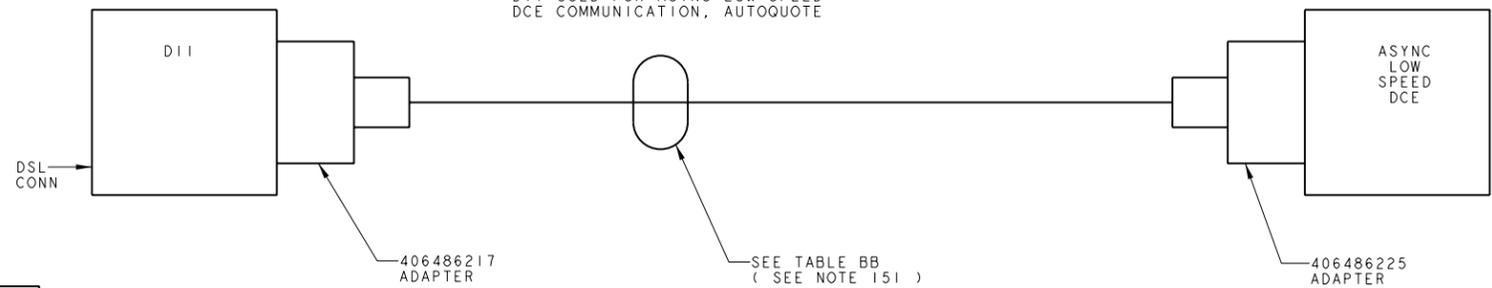


FIG. 21

DII USED FOR ASYNC LOW SPEED  
DCE COMMUNICATION, AUTOQUOTE



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FOR PROPRIETARY NOTICE SEE SHEET AI		THIRD ANGLE PROJ	
OPERATOR SERVICES POSITION SYSTEM			
(P)		DWG SIZE C2	ISSUE 50W02
LUCENT TECHNOLOGIES	ED5D522-33	SHEET NO. B11	

FIG. 22  
DII USED FOR SYNCHRONOUS  
DTE COMMUNICATION, DAS/C, AMLB,  
RTRS W/O MODEMS

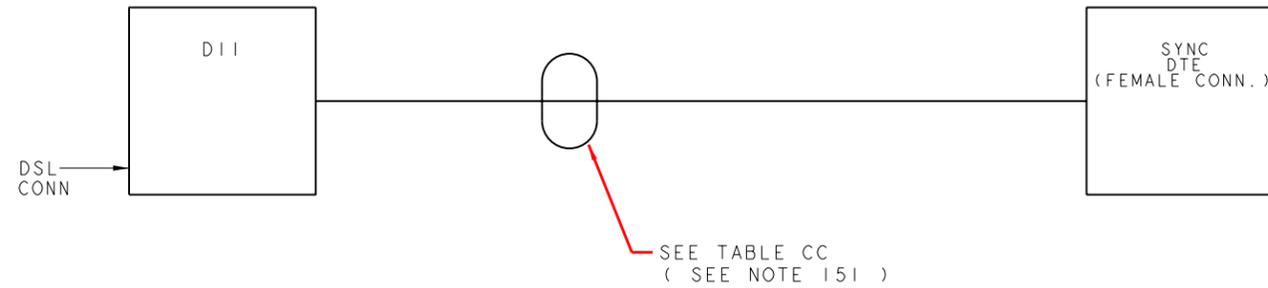


FIG. 23  
DII USED FOR SYNCHRONOUS  
DCE COMMUNICATION, DAS/C, AMLB  
ATRS WITH MODEMS

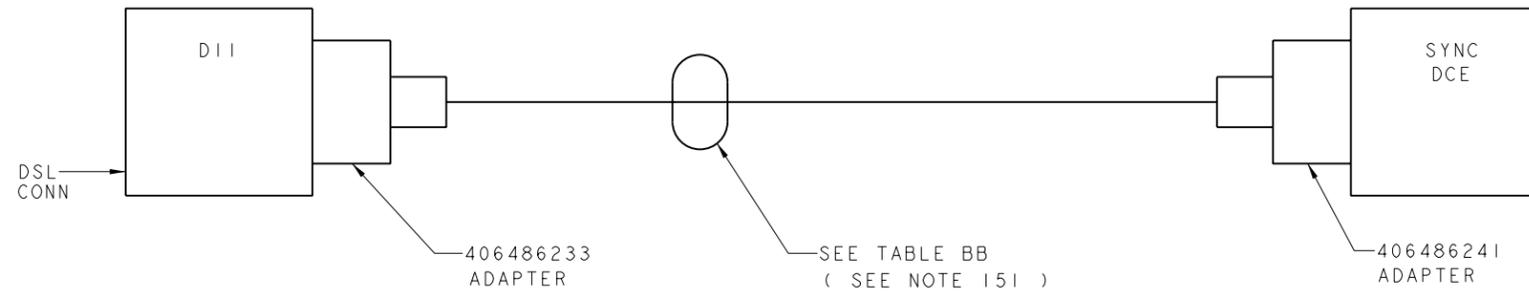


FIG. 24  
DISDNI OR DII USED FOR  
SYNCHRONOUS DCE COMMUNICATIONS  
WITH DBU, EIS

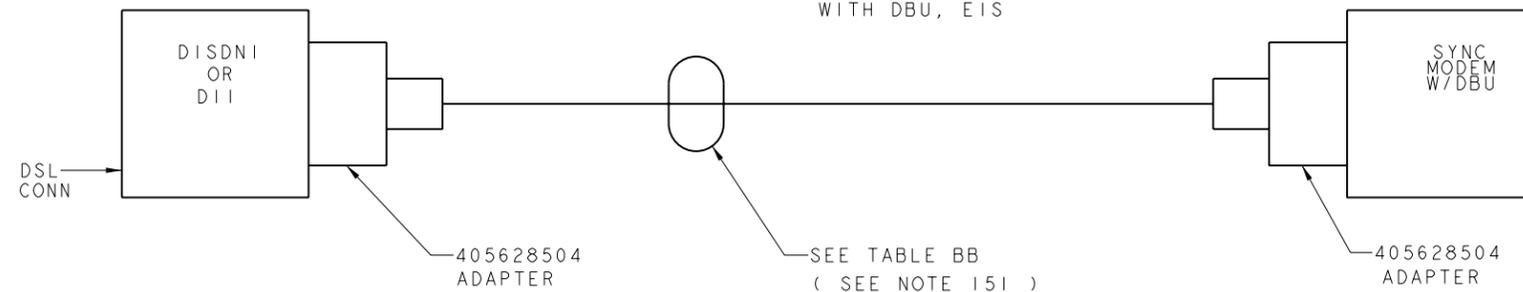


FIG. 25  
VDT HEADSET CONNECTIONS  
WHEN PRS-300 IS PROVIDED

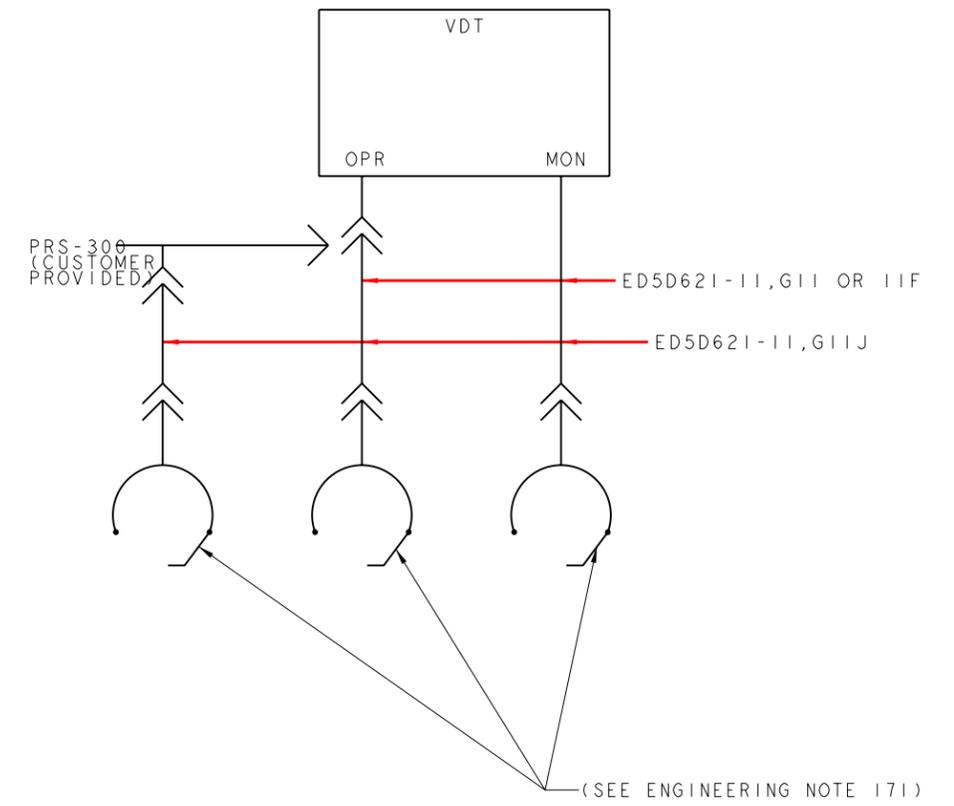


TABLE BB	
D8W87 MODULAR CABLES FOR DII	
COMCODE	LENGTH
103786786	7'
103786828	25'
103866109	50'

TABLE CC	
M25A87 MODULAR CABLES FOR DII	
COMCODE	LENGTH
102269602	7'
102269628	25'
102269636	50'

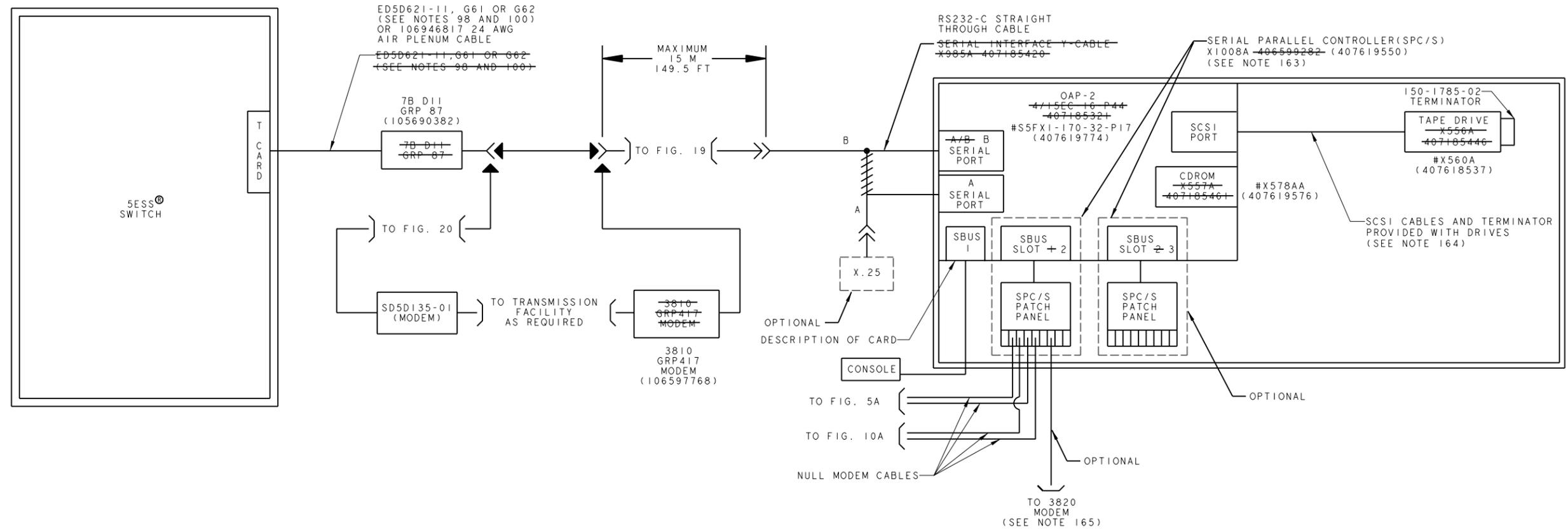
PROJ-EGEDFORM.FRM-FEB-96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJ	
OPERATOR SERVICES POSITION SYSTEM			
(P)		DWG SIZE C2	ISSUE 50W02
LUCENT TECHNOLOGIES		ED5D522-33	SHEET NO. B12

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FIG. 26  
 OPERATOR SERVICES CENTER/FORCE MANAGEMENT CENTER  
 CSC/FMC  
 CONFIGURATIONS FOR OAP-2 AND THE 5ESS<sup>®</sup> SWITCH

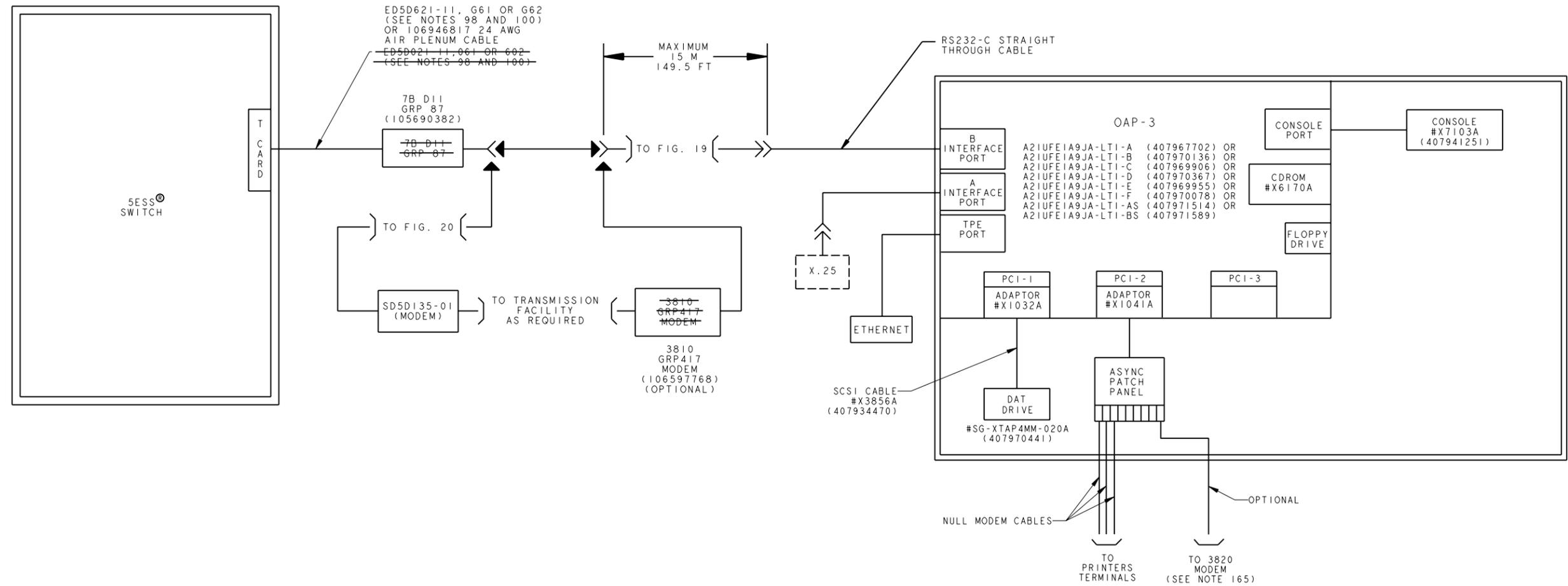


PROJ-EGEDFORM, FRM-FEB 96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		
OPERATOR SERVICES POSITION SYSTEM		THIRD ANGLE PROJ 
DWG SIZE C2	ISSUE 50W02	SHEET NO. B13
LUCENT TECHNOLOGIES	ED5D522-33	

FIG. 26A  
 OPERATOR SERVICES CENTER/FORCE MANAGEMENT CENTER  
 CSC/FMC  
 CONFIGURATIONS FOR OAP-3 AND THE 5ESS<sup>®</sup> SWITCH

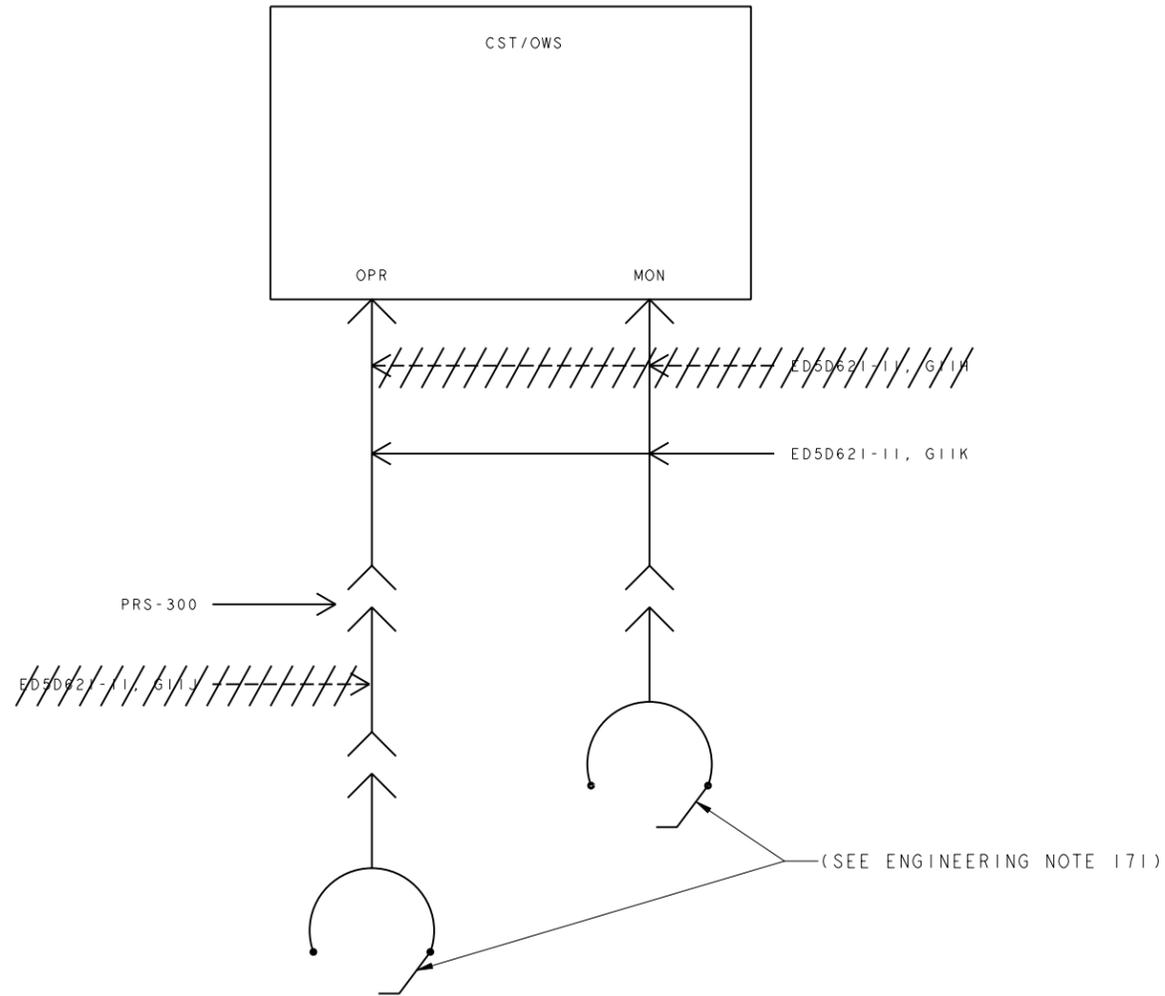


PROJ-EGEDFORM.FRM-FEB-96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJ	
OPERATOR SERVICES POSITION SYSTEM			
	DWG SIZE C2	ISSUE 51	
LUCENT TECHNOLOGIES	ED5D522-33	SHEET NO. B14	

FIG. 27  
CST/OWS HEADSET CONNECTIONS  
WITH OR WITHOUT PRS-300



PROJ-EGEDFORM.FRM-FEB-96

ED5D522-33

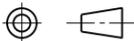
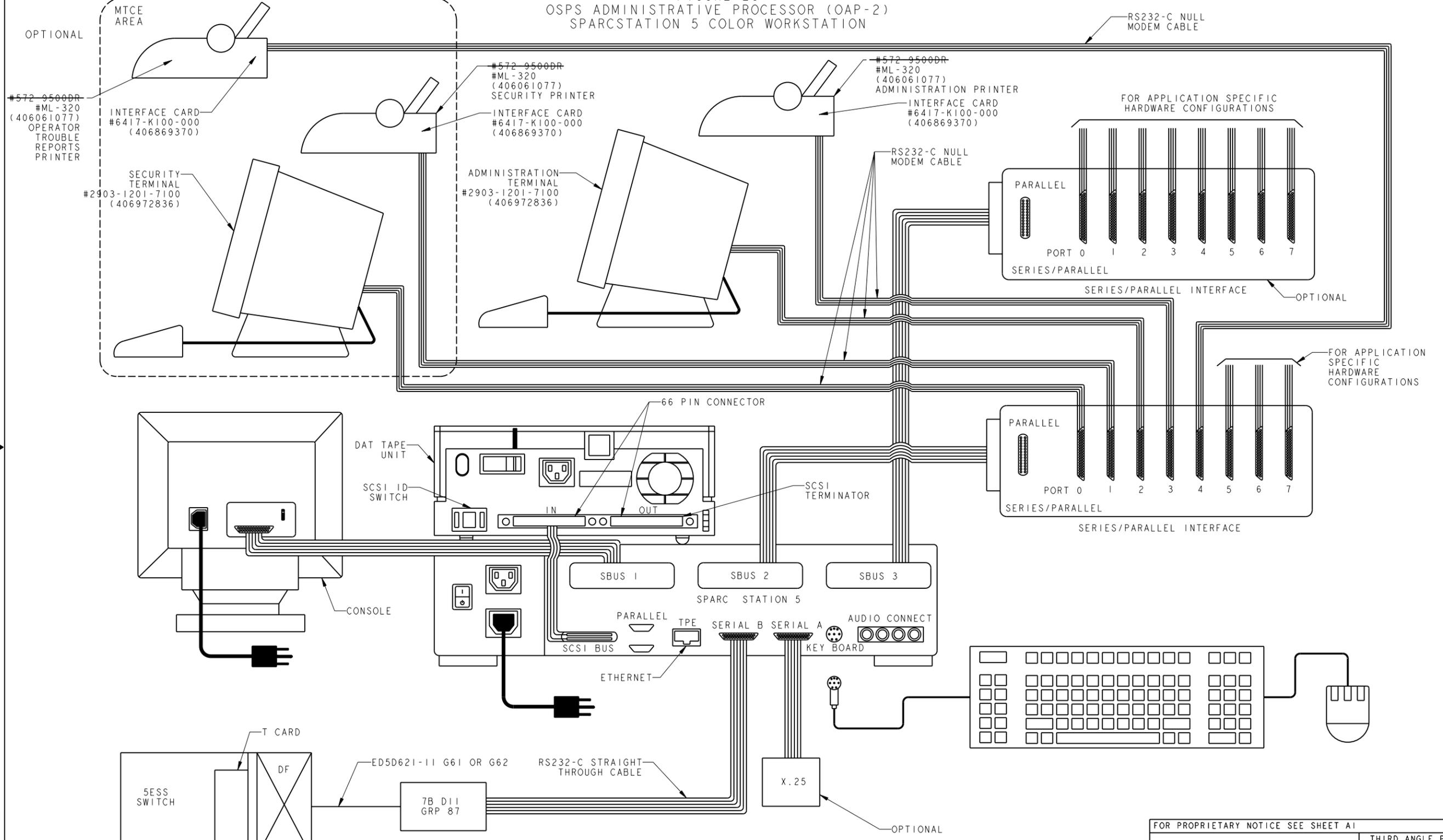
FOR PROPRIETARY NOTICE SEE SHEET A1		
OPERATOR SERVICES POSITION SYSTEM		THIRD ANGLE PROJ 
(P)	DWG SIZE C2	ISSUE 51
LUCENT TECHNOLOGIES	ED5D522-33	SHEET NO. B15

FIGURE 28  
OSPS ADMINISTRATIVE PROCESSOR (OAP-2)  
SPARCSTATION 5 COLOR WORKSTATION



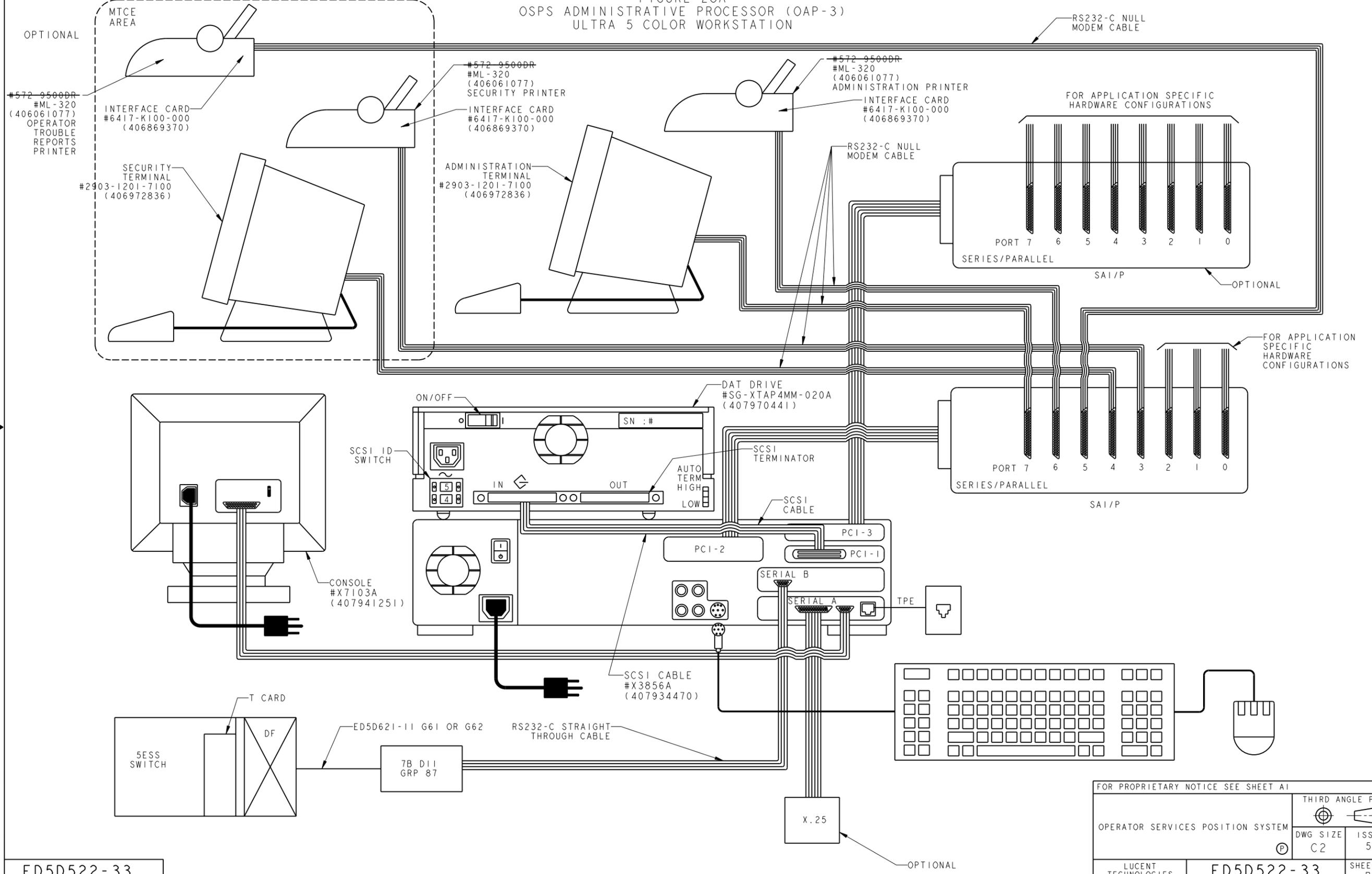
PROJ-EGEDFORM.FRM-FEB-96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJ	
OPERATOR SERVICES POSITION SYSTEM		DWG SIZE	ISSUE
		C2	51
LUCENT TECHNOLOGIES	ED5D522-33	SHEET NO. B16	

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FIGURE 28A  
OSPS ADMINISTRATIVE PROCESSOR (OAP-3)  
ULTRA 5 COLOR WORKSTATION



PROJ-EGEDFORM.FRM-FEB-96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJ	
OPERATOR SERVICES POSITION SYSTEM		DWG SIZE	ISSUE
		C2	52
LUCENT TECHNOLOGIES		ED5D522-33	
		SHEET NO. B17	

2322125065

WIRING DIAGRAM FOR SITE INSTALLATION

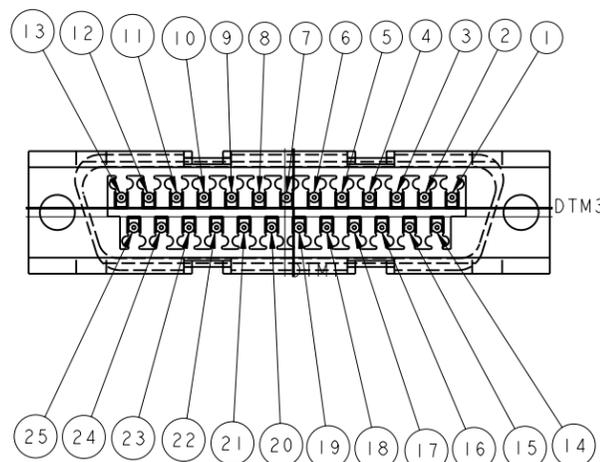
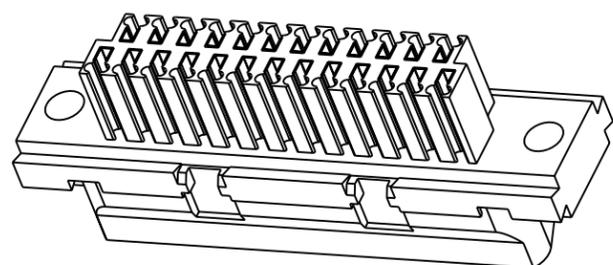
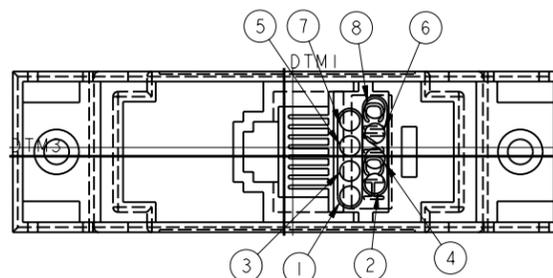
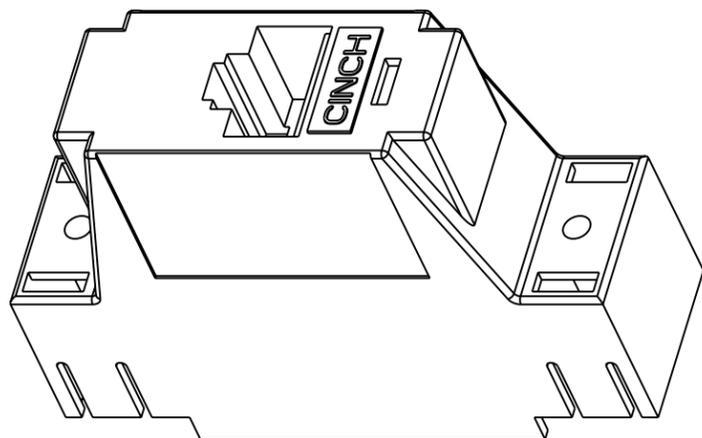


FIG. 29

TYPICAL #232-21-25-072, ELECTRICAL, MALE TO FEMALE ADAPTER IS EQUIVALENT TO #232-21-25-065, 25 PIN TO 8 PIN MODULAR TRW-CINCH ADAPTER WHEN WIRED IN THE FOLLOWING MANNER:

CONNECTOR #233-21-25-065		
TERM	COLOR	TERM
1	R	24
2	BK	5
3	BR	2
4	W/O	20
5	W/G	3
6	W	8
7	Y	7
8	BL	25

FIG. 30

TYPICAL #232-21-25-072, ELECTRICAL, MALE TO FEMALE ADAPTER IS EQUIVALENT TO #232-21-25-066, 25 PIN TO 8 PIN MODULAR TRW-CINCH ADAPTER WHEN WIRED IN THE FOLLOWING MANNER:

CONNECTOR #233-21-25-066		
TERM	COLOR	TERM
1	R	15
2	BK	4
3	BR	3
4	W/O	8
5	W/G	2
6	W	20
7	Y	7
8	BL	17

PROJ - EGEDFORM, FRW - FEB 96

ED5D522-33

FOR PROPRIETARY NOTICE SEE SHEET A1		
OPERATOR SERVICES POSITION SYSTEM		THIRD ANGLE PROJ 
(P)	DWG SIZE C2	ISSUE 51
LUCCENT TECHNOLOGIES	ED5D522-33	SHEET NO. B18

2322125065

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	1	1	500066998		TERMINAL #56D150AAA BASIC SERVICES TELETYPE CORP.		S	
1001	1A	1	501000863	56D150AAC	TERMINAL OSPS BASIC SVCS		S	
1010	2	1	500067004		TERMINAL, VIDEO DISPLAY #56D505AAA TELETYPE CORP.		S	
1011	2	1	501000327	56K114ADR	KEYBOARD		S	
1020	3	1	103921839	3B2/300	COMPUTER 3B2/300 PACKAGE B DOMESTIC		S	
1030	3,10,11, 91	1	405208927		SET, DATA #LDS120A GANDALF DATA INC.		S	
1040	3,10,11, 91	1	405246729		ADAPTER #232-21-25-033 TRW CINCH MFG CO.		S	
1050	4	1	500066543		DISPLAY #56D202AAG WHITE WITH BLACK HOUSING TELETYPE CORP.		S	
1055	4	1	500064902		KEYBOARD #56K370ACK TELETYPE CORP.		S	
1060	4,17	1	403602717		PLUG, TERMINAL PRINTER F/3B2 #232-21-25-010 TRW INC.		S	
1070	5	1	403318942		PRINTER #851UBRZ CITOH ELECTRONICS INC.		S	
1071	5	1	500064704		PRINTER #531U-1AUA TELETYPE CORP.		S	
1072	5	1	524272408		ASSEMBLY, TRACTOR PULL TYPE #1P427240 TELETYPE CORP.		S	
1073	5	1	405705419		PRINTER #57Z-9500XR CITOH		S	
1074	5	1	406152983		PRINTER, DOT MATRIX #57Z-9500DR CITOH ELECTRONICS		S	
1075	5	1	407677210		PRINTER, DOT MATRIX #62411701 (INTERFACE-70012801) INCLD OKIDATA		S	
1076	5A	1	406061077		PRINTER, DOT MATRIX #ML-320 OKIDATA		X	
1077	5A	1	406869370		BOARD, INTERFACE #6417-K100-0000 NCR		X	
1080	6	1	103924114	3B2	PACKAGE, FEATURE MODEM ACU		S	
1085	7	1	405163593	KS23364L1	TRAINER OSPS		S	
1090	8	1	405356239	KS23364L2	TRAINER W/THERMAL PRINTER		S	
1095	9	1	405356247	KS23364L3	TRAINER W/DOT MATRIX PRINTER		S	
1100	A	1	403600968		CABLE ASSEMBLY #DKH-7 ANDIRONDACK WIRE & CABLE		X	
1110	B	1	403600976		CABLE ASSEMBLY #DKH-14 14 FT SHIELDED ANDIRONDACK WIRE & CABLE		X	
1120	C	1	403600984		CABLE ASSEMBLY #DKH-25 25 FT SHIELDED ANDIRONDACK WIRE & CABLE		X	

STOCKLIST CONTINUED ON SHEET D2

ED5D522-33

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MANUFACTURING NOTES

1. X PARTS REQUIRED FOR INSTALLATION.

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

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

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

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

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

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

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

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

"S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.

A/R AS REQUIRED.

"B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.

X X 12. SEE THE DIP SWITCH OPTION LABEL ON THE BOTTOM OF THE 7B DII AND THE 7B DII USERS GUIDE, 555-021-723, FOR FURTHER INFORMATION.

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5ESS\* SWITCHING EQUIPMENT  
TERMINAL AND PROCESSOR  
CONNECTION FOR OPERATOR  
SERVICES POSITION SYSTEM  
\* LUCENT TRADE MARK

DWG SIZE C2 ISSUE 55

LUCENT TECHNOLOGIES INC ED5D522-33

SHEET D1 OF 42

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1130	D	1	403600992		CABLE ASSEMBLY #DKH-50 ANDIRONDACK WIRE & CABLE		X	
1140	100	1	ED5D643-30,G1		KIT, FIRMWARE		S	
1150	101	1	ED5D643-30,G2		KIT, FIRMWARE		S	
1160	102	1	ED5D643-30,G3		KIT, FIRMWARE		S	
1170	200	1	ED5D643-30,G4		KIT, FIRMWARE		S	
1171	200A	1	ED5D643-30,G4A		KIT, FIRMWARE		S	
1180	201	1	ED5D643-30,G5		KIT, FIRMWARE		S	
1181	201A	1	ED5D643-30,G5A		KIT, FIRMWARE		S	
1190	202	1	ED5D643-30,G6		KIT, FIRMWARE		S	
1191	202A	1	ED5D643-30,G6A		KIT, FIRMWARE		S	
1200	203	1	ED5D643-30,G7		KIT, FIRMWARE		S	
1210	204	1	ED5D643-30,G8		KIT, FIRMWARE		S	
1220	10	1	105292601	3B2/310	PACKAGE SOLUTION B2 DOMESTIC		S	
1230	11,11A	1	105292684	3B2/400	PACKAGE SOLUTION C2 DOMESTIC		S	
1240	10,11	1	105310007	3.0V2-OS	PACKAGE SOFTWARE/DOCUMENTATION		S	
1241	10,11,11A	1	105438162	3.2OS	PACKAGE SVR3.2 OPERATING SYSTEM		S	
1245	11,95	1	104245956	3B2	KIT, CONTROLLER INTELLIGENT SERIAL CLEI = NCGQ018AAA		S	
1250	12	1	405646621		PAD #T7004S-H1A1 X.25 4 CHANNEL TX 700 WITH AT&T BCP FIRMWARE COMDESIGN CORP.		S	
1260	11A	1	105980841		SOFTWARE X.25 INTERFACE		S	
1261	N	1	105040539	3B2/310	PACKAGE UPGRADE KIT WITH MAU		S	
1262	P	1	105146450	3B2/310	PACKAGE POWER SUPPLY UPGRADE		S	
1263	R	1	105008270	3B2	PACKAGE HARD DISK DRIVE 86MBYTE		S	
1264	T	1	105450563	195AY	PACKAGE, ENHANCED PORTS CLEI = NCGQ019AAA		S	
1265	93	OMIT 1	105292684	3B2/400	PACKAGE SOLUTION C2 DOMESTIC		S	
1266	93	1	105457790	3B2/400	PACKAGE SOLUTION Q DOM S		S	
1267	11B	1	105253264	3B2/MEM	PACKAGE, MEMORY 4 MB WITH ERROR CORRECTION CODE ECC SOLUTION CLEI = NCGQ020AAA		S	
1268	11B,11C	1	106209935	SVR3.2.3OSP	PACKAGE, UPGRADE 3B2 OPERATING SYSTEM		S	
1269	11B	1	106561863	3B2/522NWC	PACKAGE, COMPUTER & DOCUMENTATION 3B2/522NWC HW/DOC BOX		S	
1270	13	1	405559378	KS23364L20	DISK, OPTICAL INITIAL DOMESTIC OPER. TRAINING		S	
1271	11C	1	105457865	3B2/600	PACKAGE SOLUTION A,DOMESTIC		S	
1272	11C	1	105577100	3B2/600	COMPUTER ED3T023-30,G3P		S	
1273	11D	OMIT 1	106561863	3B2/522NWC	PACKAGE, COMPUTER & DOCUMENTATION 3B2/522NWC HW/DOC BOX		S	
1274	11D	1	106290422	3B2/500	PACKAGE		S	

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

ED5D522-33

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1280	14	1	405559238	KS23364L40	DISK, OPTICAL CUT-OVER DOMESTIC OPER. TRAINING		S	
1290	15	1	405531807		SET, DATA #LDM-419 GANDALF DATA INC.		S	
1300	15	OMIT 1	405208927		SET, DATA #LDS120A GANDALF DATA INC.		S	
1305	15	1	105246565	2296A-L1/2	SET, DATA		S	
1306	15	1	105304893	140A1	MEMORY		S	
1310	E	1	ED5D643-31,G1		FIXTURE, VDT EXTERNAL TEST		S	
1320	16	1	527834782	TP783478	TAB, KEY DESIGNATION		S	
1330	17	1	501002349	55C715AAAA	CONTROLLER 615BCT TELETYPE INC.		S	
1331	17	1	501006878	55C715ACAA	CONTROLLER 615 MT CLEI = GCPQAH7AAA		S	
1340	17	1	501001143	53D410YAA	MONITOR 14 IN. AMBER 115 VAC		S	
1341	17	1	501007983	53D410YAA	MONITOR VERSION 3 CLEI = XCPQ44L1AA 14 IN, AMBER, 110 VAC		S	
1350	17	1	501004865	56K420ADA-V2	KEYBOARD		S	
1351	17	1	501009013	56K420ADA	KEYBOARD VERSION 3 OEM		S	
1360	18	1	524605524	TP460552	CARTRIDGE 4425 EMULATION		S	
1370	19	1	405732264	KS23364L20A	DISK OPTICAL NEW HIRES U.S. WEST (5E4(2))		S	
1380	20	1	405732520	KS23364L20B	DISK OPTICAL NEW HIRES NEW JERSEY BELL (5E4(2))		S	
1390	21	1	405732538	KS23364L20C	DISK OPTICAL NEW HIRES AT&T NET.SERV.DIV.(5E4(2))		S	
1400	22	1	405732553	KS23364L20D	DISK OPTICAL NEW HIRES DUKE UNIVERSITY (5E4(2))		S	
1410	23	1	405732579	KS23364L20E	DISK OPTICAL NEW HIRES WHIDBEY TELCO (5E4(2))		S	
1420	24	1	405732587	KS23364L20F	DISK OPTICAL NEW HIRES GTE OF CALIF. (5E4(2))		S	
1430	25	1	405732611	KS23364L30	SERVICE, CHARGE NEW HIRES DOMESTIC		S	
1440	26	1	405732595	KS23364L40A	DISK OPTICAL EXP OPERATORS US WEST (5E4(2))		S	
1450	27	1	405732660	KS23364L40B	DISK OPTICAL EXP OPERATORS NEW JERSEY BELL (5E4(2))		S	
1460	28	1	405732686	KS23364L40C	DISK OPTICAL EXP OPERATORS AT&T NET.SVCS.DIV.(5E4(2))		S	
1470	29	1	405732694	KS23364L40D	DISK OPTICAL EXP OPERATORS DUKE UNIVERSITY (5E4(2))		S	

STOCKLIST CONTINUED ON SHEET D3

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TERMINAL AND PROCESSOR  
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\* LUCENT TRADE MARK

DWG SIZE C2 ISSUE 55

LUCENT TECHNOLOGIES INC ED5D522-33

SHEET OF D2 42

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1480	30	1	405732926	KS23364L40E	DISK OPTICAL EXP OPERATORS WHIDBEY TELCO (5E4(2))		S	
1490	31	1	405732710	KS23364L40F	DISK OPTICAL OPERATORS GTE OF CALIF. (5E4(2))		S	
1500	32	1	405732637	KS23364L50	SERVICE, CHARGE EXP OPERATORS DOMESTIC			
1510	33	1	405878588	KS23364L21A	DISK OPTICAL NEW HIRES US WEST (5E5)		S	
1520	34	1	405878596	KS23364L21B	DISK OPTICAL NEW HIRES NEW JERSEY BELL (5E5)		S	
1530	35	1	405878604	KS23364L21C	DISK OPTICAL NEW HIRES AT&T NET.SVCS.DIV. (5E5)		S	
1540	36	1	405878612	KS23364L21D	DISK OPTICAL NEW HIRES DUKE UNIVERSITY (5E5)		S	
1550	37	1	405878620	KS23364L21E	DISK OPTICAL NEW HIRES WHIDBEY TEL CO. (5E5)		S	
1560	38	1	405878638	KS23364L21F	DISK OPTICAL NEW HIRES GTE OF CALIF (5E5)		S	
1570	39	1	405878646	KS23364L21G	DISK OPTICAL NEW HIRES CINCINNATI BELL (5E5)		S	
1580	40	1	405878653	KS23364L21H	DISK OPTICAL NEW HIRES PACIFIC BELL (5E5)		S	
1590	41	1	405878661	KS23364L21I	DISK OPTICAL NEW HIRES & EXP OPERATORS SOUTHERN NEW ENG. TEL 5E5		S	
1600	42	1	405878687	KS23364L21J	DISK OPTICAL NEW HIRES UNITED TEL. CO. (5E5)		S	
1610	43	1	405878703	KS23364L31	SERVICE CHARGE NEW HIRES DOMESTIC (5E5)			
1620	44	1	405878729	KS23364L41A	DISK OPTICAL EXP OPERATORS US WEST (5E5)		S	
1630	45	1	405878745	KS23364L41B	DISK OPTICAL EXP OPERATORS NEW JERSEY BELL (5E5)		S	
1640	46	1	405878778	KS23364L41C	DISK OPTICAL EXP OPERATORS AT&T NET.SVCS.DIV. (5E5)		S	
1650	47	1	405878786	KS23364L41D	DISK OPTICAL EXP OPERATORS DUKE UNIVERSITY (5E5)		S	
1660	48	1	405878828	KS23364L41E	DISK OPTICAL EXP OPERATORS WHIDBEY TEL CO (5E5)		S	
1670	49	1	405878851	KS23364L41F	DISK OPTICAL EXP OPERATORS GTE OF CALIF (5E5)		S	
1680	50	1	405878877	KS23364L41G	DISK OPTICAL EXP OPERATORS CINCINNATI BELL (5E5)		S	
1690	51	1	405878901	KS23364L41H	DISK OPTICAL EXP OPERATORS PACIFIC BELL (5E5)		S	
1700	52	1	405878927	KS23364L41I	DISK OPTICAL EXP OPERATORS SOUTHERN NEW ENG. TEL 5E5		S	
1710	53	1	405878935	KS23364L41J	DISK OPTICAL EXP OPERATORS UNITED TEL CO (5E5)		S	
1720	54	1	405878869	KS23364L51	SERVICE, CHARGE EXP OPERATORS DOMESTIC 5E5			
1730	F,S	1	105134530	3B2/310	PACKAGE 2MB MEMORY CARD PACKAGE		S	
1740	55	1	105714372	7516TAD01A-215	SET, TELEPHONE		S	
1745	55	1	106377757	7516TAD02C-215	SET, TELEPHONE TOUCH TONE		S	
1746	AE	1	106498900	D182525	KIT, PARTS		S	
1750	56	1	103867552	500A	ADAPTER		S	
1770	58	1	846352722		CARD, DESIGNATION 25 SHEETS (7516)		S	

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

ED5D522-33

STOCKLIST										
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE			
							SYM	NBR		
1790	G	1	106420524		DOCUMENT, INSTRUCTIONS 475-550-114		S			
1800	H	1	106427388		DOCUMENT, INSTRUCTIONS 475-550-115		S			
1810	J	1	105429146	#555-021-708	MANUAL, ISDN ASYNCHRONOUS DATA MODULE		S			
1820	100A	1	ED5D643-30,G1A		KIT, FIRMWARE		S			
1830	102A	1	ED5D643-30,G3A		KIT, FIRMWARE		S			
1840	200B	1	ED5D643-30,G4B		KIT, FIRMWARE		S			
1850	202B	1	ED5D643-30,G6B		KIT, FIRMWARE		S			
1860	300	1	ED5D643-30,G10		KIT, FIRMWARE		S			
1870	301	1	ED5D643-30,G9		KIT, FIRMWARE		S			
1880	60	1	846385979		KEYCAP POS 29 PACKAGE OF 10		S			
1890	61	1	846385987		KEYCAP POS 29 PACKAGE OF 50		S			
1900	62	1	846386001		KEYCAP POS 107 PACKAGE OF 10		S			
1910	63	1	846386019		KEYCAP POS 107 PACKAGE OF 50		S			
1920	64	1	846386035		KEYCAP POS 24 PACKAGE OF 10		S			
1930	65	1	846386043		KEYCAP POS 24 PACKAGE OF 50		S			
1940	K	OMIT 1	501000327	56K114ADR	KEYBOARD		S			
1950	K	1	501013783	56K114ADR	KEYBOARD		S			
1960	L	OMIT 1	501013783	56K114ADR	KEYBOARD		S			
1970	L	1	501013809	56K114ADR	KEYBOARD		S			
1980	302	1	ED5D643-30,G12		KIT, FIRMWARE		S			
1990	303	1	ED5D643-30,G11		KIT, FIRMWARE		S			
2000	103	1	ED5D643-30,G14		KIT, FIRMWARE		S			
2010	66,104	1	ED5D643-30,G13		KIT, FIRMWARE		S			
2020	66	1	846021913		BUTTON, KEY		S			
2030	66	1	846021921		TAB, KEY DESIGNATION		S			
2040	67	1	406127183	KS23364L12	TRAINER, DOMESTIC		S			
2050	68	1	406127373	KS23364L21K	DISK, OPTICAL NEW & EXP OPERATORS (NON CUSTOMER - SPECIFIC)		S			
2060	69	1	406157487	KS23364L22K	DISK, OPTICAL NEW & EXP OPERATORS (NON CUSTOMER - SPECIFIC)		S			
2070	70	1	406054569	KS23741L1	ADAPTER 120V, 60HZ MU-LAW OSPS TRAINER		S			
2080	71	1	405558818	KS23364L8	PRINTER, INTERNAL 40 COL. INKED RIBBON MATRIX		S			

STOCKLIST CONTINUED ON SHEET D4

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\* LUCENT TRADE MARK

DWG SIZE C2 ISSUE 55

LUCENT TECHNOLOGIES INC ED5D522-33

SHEET OF D3 42

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
2090	72	1	405558792	KS23364L9	PRINTER, INTERNAL 52 COL. THERMAL TYPE		S	
2100	73	1	406173203	KS23364L13	CHRG, SERVICE		S	
2110	74	1	406177246	KS23364L14	CHRG, SET-UP		S	
2120	75	OMIT 1	501000327	56K114ADR	KEYBOARD		S	
2130	75	1	501013783	56K114ADR	KEYBOARD		S	
2140	76	OMIT 1	501013783	56K114ADR	KEYBOARD		S	
2150	76	1	501013809	56K114ADR	KEYBOARD		S	
2160	77	1	501000863	56D150AAC	TERMINAL OSPS BASIC SVCS		S	
2170	78	1	846021913		BUTTON, KEY		S	
2180	78	1	846021921		TAB, KEY DESIGNATION		S	
2190	79	1	105467450	7A	UNIT, INTERFACE CLEI = NATAB00AXX		S	
2200	80	1	405510751		ADAPTER #232-21-25-021 FEMALE TO MALE TRW INC. OR EQUIV.		S	
2210	81	1	106210289	G2/M31	COMPUTER, DESKTOP		S	
2215	81	1	524188281	TP418828	KIT, MEMORY UPGRADE .5 MB		S	
2216	81	1	406426205		UNIT, CENTRAL PROCESSING #80286 INTEL		S	88 89
2220	82	1	406183608		MONITOR, ELECTRIC DISPLAY #CPD-1304 SONY CORP.		S	
2230	82A	1	406764795		MONITOR, ELEC DISPLAY #CPD-1304S SONY		S	
2240	82,82A	1	406183624		CABLE, POWER #10855-0006 CABLES TO GO		S	
2245	82	1	406740555		CABLE, POWER #DPWEXT06F CABLES TO GO		S	
2250	83	1	501013528	56K122AGP	KEYBOARD OPERATOR SERVICE POSITION SYSTEM		S	
2255	83A	1	406643957		KEYBOARD, PERSONAL COMPUTER OSPS-SERV-SEL KEYTRONIC		S	
2260	84	1	846541258		ASSEMBLY, BOARD COMBINED SERVICE TERM OSPS		S	
2261	84A	1	847401601		ASSEMBLY, BOARD OSPS ENHANCED INTELL PC		X	
2270	85	1	406054569	KS23741L1	ADAPTER 120V, 60HZ MU-LAW OSPS TRAINER		S	
2280	86	1	106080674	7526AD01A-215	SET, TEL		S	
2290	M	1	406207233		MANUAL, USER GUIDE #250-520-110 CIC		S	90
2293	94	1	106362601	7A3	UNIT, INTERFACE DISDNI		S	
2296	87	1	105690382	7B	UNIT, INTERFACE DII		X	
2300	88	1	406209478	KS23364L22C	DISK OPT NEW & EXP OPERATORS AT&T NETWORK SRV DIVISION		S	
2310	89	1	406209502	KS23364L41L	DISK OPTICAL EXP OPERATORS GTE NORTHWEST		S	
2320	90	1	406157479	KS23364L32	DISK OPTICAL NEW HIRES & EXP OPERATORS (DOMESTIC)		S	

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

ED5D522-33

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
2340	92	1	501013965	56C705YAAA	TERMINAL 705MT MULTITASKING		S	
2345	92A	1	106610611	56C705YFAA	TERMINAL, KEYBOARD		S	
2346	92A	1	406972836		TERMINAL #2903-1201-7100 AT&T GIS		X	
2350	92,92A	1	846362705		CABLE ASSEMBLY STRAIGHT 1 TO 1,RJ-45 10 PIN PLUGS,10 FT.		X	
2360	92,92A	1	846362747		ADAPTER DTE,RJ-45 10 PIN TO DB-25 FEMALE		X	
2370	400	1	406289892		PAPER, THERMAL PRINTER #GEI 10217-0002 B & G INSTRUMENTS (25 ROLLS)		S	
2380	401	1	406289777		PAPER, THERMAL PRINTER #GEI 10218-0007 PAPER MATE (25 ROLLS)		S	
2390	402	1	406289728		PAPER, DOT MATRIX PRINTER #GEI 10217-0004 PAPER MATE (25 ROLLS)		S	
2400	403	1	406289850		RIBBON, DOT MATRIX PRINTER #GEI 10217-0005 PAPER MATE (6)		S	
2410	404	1	406289918		CONTAINER, TRAINER CARDBOARD SHIPPING #GEI 10851-0009 GOLDEN ENTERPRISES, INC.		S	
2420	96	1	406338566	KS23364L15	TRAINER, DOMESTIC		S	
2430	97	1	406338558	KS23364L16	TRAINER, DOMESTIC		S	
2440	U	1	106268618	5D5-550-118	DOCUMENT, TERMINAL GUIDE ACD/MIS AGENT COMMUNICATION		S	
2450	V	1	106268634	5D5-550-119	DOCUMENT, TERMINAL GUIDE ACD/MIS SUPERVISOR COMMUNICATIONS		S	
2460	304	1	ED5D643-30,G15		KIT, FIRMWARE		S	
2470	305	1	ED5D643-30,G16		KIT, FIRMWARE		S	
2480	X,Y,Z,AB,AF	1	103786786	D8W-87	CORD 7 FT.		X	151
2490	X,Y,Z,AB,AF	1	103786828	D8W-87	CORD 25 FT.		X	151
2500	X,Y,Z,AB,AF	1	103866109	D8W-87	CORD 50 FT.		X	151
2510	AA	1	102269602	M25A-87	CORD 5 FT		S	151
2520	AA	1	102269628	M25A-87	CORD 25 FT		S	151
2530	AA	1	102269636	M25A-87	CORD 50 FT		S	151
2540	460,470,480,490,W,Y	1	403417538		PLUG, ACU MODEM F/3B2 #232-21-25-005 TRW INC.		X	

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DWG SIZE C2 ISSUE 55

LUCENT TECHNOLOGIES INC ED5D522-33

SHEET D4 OF 42

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STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
2550	Y	1	403417520		PLUG #232-21-25-007 TRW CORP		S		
2560	X	1	406486209		ADAPTER, ELECTRICAL, MALE TO FEMALE #232-21-25-023 25 PIN EIA TO 8 PIN MODULAR TRW-CINCH		X		
2570	Z	1	406486217		ADAPTER, ELECTRICAL, MALE TO FEMALE #232-21-25-030 25 PIN EIA TO 8 PIN MODULAR TRW-CINCH		S		
2580	Z	1	406486225		ADAPTER, ELECTRICAL, MALE TO FEMALE #232-21-25-031 25 PIN EIA TO 8 PIN MODULAR TRW-CINCH		S		
2590	AB	1	406486233		ADAPTER, ELECTRICAL, MALE TO FEMALE #232-21-25-065 25 PIN EIA TO 8 PIN MODULAR TRW-CINCH		S		
2600	AB	1	406486241		ADAPTER, ELECTRICAL, MALE TO FEMALE #232-21-25-066 25 PIN EIA TO 8 PIN MODULAR TRW-CINCH		S		
2601	AJ	2	407764729		ADAPTER, ELECTRICAL, MALE TO FEMALE #232-21-25-072 25 PIN EIA TO 8 PIN MODULAR TRW-CINCH		X		
2610	AC	1	104380753	353A	UNIT, POWER		X		
2620	AD	1	405628504		KIT #351-2 INMAC CORPORTATION		X	99	
2625	AF	2	405628504		KIT #351-2 INMAC CORPORTATION		X	99	
2630	98	1	406465914	KS23364L17	CHARGE, SERVICE OUT-OF-WARRANTY REPAIR				
2640	99	1	406465922	KS23364L32B	CHARGE, SERVICE CUSTOMIZATION ALTERATION				
2650	405	1	406508556	KS23364L22F	DISKETTE, OPTICAL NEW & EXP OPERATORS GTE OF OF CALIFORNIA (5E6)		S		
2660	406	1	406508564		DISKETTE, OPTICAL #KS23364L22K2 NEW & EXP OPERATORS DOMESTIC (5E6(2))		S		
2670	407	1	406511923	KS23364L22I	DISKETTE, OPTICAL NEW & EXP. OPERATORS SOUTHERN NEW ENGLAND TEL. (5E6)		S		
2680	408	1	406525162		UNIT, CENTRAL PROCESSING #6386SX/EL INTEL				
2690	105	1	ED5D643-30,G18		KIT, FIRMWARE		S		
2700	106	1	ED5D643-30,G17		KIT, FIRMWARE		S		
2710	205	1	ED5D643-30,G20		KIT, FIRMWARE		S		
2720	206	1	ED5D643-30,G19		KIT, FIRMWARE		S		
2730	409	1	406588566	KS23364L23C	DISK, OPTICAL NEW & EXP OPERATORS AT&T NET. SVCS. DIV. (5E7)		S		
2740	410	1	406588574	KS23364L23K	DISK, OPTICAL NEW & EXP OPERATORS NON-CUSTOMER SPECIFIC (5E7)		S		
2750	411	1	406588582	KS23364L33A	CHARGE, SERVICE, ALTERATION (5E7)		S		
2760	412	1	406588608	KS23364L33B	CHARGE, SRV, CUSTOMIZATION (5E7)		S		
2770	413	1	846539971		TEMPLATE SINGLE-SIDED FOLDABLE, LAMINATED PAPER & PLASTIC 3.354 WD, 19.350 LG.		S		
2780	414	1	846609196		TAB, DESIGNATION WHITE SULPHITE BOND, 16LB		S		
2790	415	1	406478933		SET, KEY BOARD PARTS #69784 ELITE DESIGN AMD MFG.		S		
2800	207	1	ED5D643-30,G21		KIT, FIRMWARE		S		
2810	208	1	ED5D643-30,G22		KIT, FIRMWARE		S		
2820	209	1	ED5D643-30,G23		KIT, FIRMWARE		S		

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

ED5D522-33

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
2840	210	1	ED5D643-30,G24		KIT, FIRMWARE		S		
2860	416	1	ED5D621-11,G11J		CABLING, INTERCABINET				
2870	417	1	106597768	3810-A1-001	MODEM, DATA TRANSFER			X	
2880	AG	1	405331711	KS22911L2	SUPPLY, POWER WALL PLUG-IN 120 VOLT AC INPUT -48 VOLT DC 200 MA OUTPUT			X	
2890	AG	1	104152558	400B2	ADAPTER, POWER			X	
2900	AG	1	103786240	451A	ADAPTER			X	
2910	AG	1	103786760	D8W-87	CORD 1 FT			X	161
2920	AH	1	104160148	D8W-87	CORD 2 FT 6 IN			X	161
2940	AH	1	102937620	D6AP-87	CORD 7 FT.			X	161
2950	AH	1	102937604	D6AP-87	CORD 14 FT.			X	161
2960	418	1	407185321		COMPUTER, DESKTOP #4/15EC-16-P44-05 16MB SUN MICROSYSTEMS			S	
2970	418	1	407185446		KIT, DISK DRIVE #X556A SUN MICROSYSTEMS			S	
2980	418	1	407185420		KIT, CABLE #X985A SUN MICROSYSTEMS			S	
2990	418	1	407185354		KIT, COMPUTER #X3540R SUN MICROSYSTEMS			S	
3010	418	1	407185545		KIT, COMPUTER #SOLD-C SUN MICROSYSTEMS INC.			S	
3030	419	1	406599282		MULTIPLEXER, SERIAL PARALLEL CONTROLLER #X1008W S-BUS SUN MICROSYSTEMS INC.			S	
3040	420	1	407185461		KIT, DISK DRIVE #X557A SUN MICROSYSTEMS			S	
3050	421	1	407185388		KIT, BACKUP #X822A SUN MICROSYSTEMS			S	
3060	422	1	407185503		KIT, COMPUTER #X25-P SUN MICROSYSTEMS			S	
4000	425	1	407193630		COMPUTER, DESKTOP #3232-2003-8000 486SX/33 4MB AT&T GIS			S	
4010	425	1	407193523		MEMORY, VIDEO UPGRADE #3232-F079-0000 AT&T GIS			S	
4020	425	1	407193556		DRIVE, HARD INTERNAL DISK #3232-F755-0000 AT&T GIS			S	

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LUCENT TECHNOLOGIES INC ED5D522-33

SHEET D5 OF 42

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
4030	425	1	407168293		MONITOR, COLOR VIDEO #3415-3501-8090 SAMSUNG ELECTRIC CORP		S	
4035	426	1	ED5D621-11,G11K		CABLING, INTERCABINET		X	
4040	428	1	107585689	56D150AAA-RFB	UNIT, TERMINAL TELEPHONE LINE			
4050	428	1	ED5D643-30,G1A		KIT, FIRMWARE			
4060	427	1	107585697	56D150AAC-RFB	UNIT, TERMINAL TELEPHONE LINE			
4070	427	1	ED5D643-30,G14		KIT, FIRMWARE			
4090	429	1	407306968		KEYBOARD, PERSONAL COMPUTER #OSPS-WINDOWS 138 KEYS KEYTRONIC		X	
4095	430,440C	1	407387646		KEYBOARD, PERSONAL COMPUTER #OSPS-WINDOWS-CSG KEYTRONIC		X	
4100	431	1	107650202	334800SPS	COMPUTER, DESKTOP			
4110	431	1	ED5D621-11,G11K		CABLING, INTERCABINET		S	
4130	431	1	406643957		KEYBOARD, PERSONAL COMPUTER OSPS-SERV-SEL KEYTRONIC			
4140	431	1	847401601		ASSEMBLY, BOARD OSPS ENHANCED INTELL PC			
4150	431A	1	407562826		COMPUTER, DESKTOP #HPC-D3804B-OSPS EMO COMPUTER PRODUCTS			
4151	431B	1	407857887		COMPUTER, MINI-TOWER #HPC-D522UA-OSPSB EMO COMPUTER PRODUCTS		X	
4152	431B	1	408053015		COMPUTER, HP-VL7,MINI TOWER,MSWIN 95 #D5736T 32MB RAM, 4.3GB HD, 3.5 FLOPPY,32X CDROM,17" MONITOR EMO COMPUTER PRODUCTS			
4160	431A, 431B, 431C	1	ED5D621-11,G11K		CABLING, INTERCABINET		X	
4170	431A, 431B, 431C	1	407387646		KEYBOARD, PERSONAL COMPUTER #OSPS-WINDOWS-CSG KEYTRONIC		X	
4180	431A, 431B, 431C	1	847401601		ASSEMBLY, BOARD OSPS ENHANCED INTELL PC		X	
4185	435,435A	1	407619774		COMPUTER, DESKTOP #S5FX1-170-32-P17		X	
4186	435	1	407618537		KIT, DISK DRIVE #X560A			
4187	435A	1	407858117		KIT, 1.44MB INTERNAL FLOPPY DRV #X6002A SUN MICROSYSTEMS		X	
4188	435,435A	1	407619527		KIT, COMPUTER #X3540A TYPE 5 COUNTRY KIT FOR U.S. AND CANADA ONLY, UNIX SUN MICROSYSTEMS		X	
4189	435,435A	1	407619543		KIT, COMPUTER #SOLD-2.3-C		X	
4190	436	1	407619550		KIT, COMPUTER #X1008A		X	
4191	437	1	407619576		KIT, DISK DRIVE #X578AA			
4192	438	1	407619584		KIT, BACKUP #X6254A			
4193	438	1	407803246		KIT, BACKUP #X6262A		X	
4194	439	1	407619600		KIT, SOFTWARE #9X-25-7.0-4-4-21			

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ED5D522-33

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
4195	440	1	407562826		COMPUTER, DESKTOP #HPC-D3804B-OSPS EMO COMPUTER PRODUCTS			
4196	440,440A, 440B, 440C	1	ED5D621-11,G11K		CABLING, INTERCABINET			X
4197	440,440A, 440B	1	407306968		KEYBOARD, PERSONAL COMPUTER #OSPS-WINDOWS 138 KEYS KEYTRONIC			X
4198	440,440A, 440B, 440C	1	847401601		ASSEMBLY, BOARD OSPS ENHANCED INTELL PC			X
4199	440A	1	407857887		COMPUTER, MINI-TOWER #HPC-D522UA-OSPSB EMO COMPUTER PRODUCTS			X
4200	440A	1	408053015		COMPUTER, HP-VL7,MINI TOWER,MSWIN 95 #D5736T 32MB RAM, 4.3GB HD, 3.5 FLOPPY,32X CDROM,17" MONITOR EMO COMPUTER PRODUCTS			X
4205	437A	1	407875947		KIT, INTERNAL CD ROM DRIVE #X6162A SUN MICROSYSTEMS			X
4210	439A	1	407858372		KIT, SOFTWARE & DOCUMENTATION #25-9.0-DT-P FOR AT&T ONLY, TO BE USED WHEN NETWORKING IS DESIRED SUN MICROSYSTEMS			X
4220	435B, 440A	1	407967702	A21UFE1A9JALTIA	COMPUTER, DESKTOP,BASIC OAP-3,ULTRA5 8 ASYNCH PORTS SUN MICROSYSTEMS			X
4221	435C	1	407969906	A21UFE1A9JALTIC	COMPUTER, DESKTOP,BASIC OAP-3,ULTRA5 16 ASYNCH PORTS SUN MICROSYSTEMS			X
4222	435D	1	407969955	A21UFE1A9JALTIE	COMPUTER, DESKTOP,BASIC OAP-3,ULTRA5 24 ASYNCH PORTS SUN MICROSYSTEMS			X
4223	435E	1	407970078	A21UFE1A9JALTIF	COMPUTER, DESKTOP,BASIC OAP-3,ULTRA5 32 ASYNCH PORTS SUN MICROSYSTEMS			X
4224	435F	1	407970136	A21UFE1A9JALTIB	COMPUTER, DESKTOP,BASIC OAP-3,ULTRA5 8 ASYNCH PORTS,X.25 FOR NOTIS FEATURE SUN MICROSYSTEMS			X
4225	435G	1	407970367	A21UFE1A9JALTID	COMPUTER, DESKTOP,BASIC OAP-3,ULTRA5 16 ASYNCH PORTS,X.25 FOR NOTIS FEATURE SUN MICROSYSTEMS			X
4226	435H	1	407971514	A21UFE1A9JALTIA	COMPUTER, DESKTOP,ULTRA 5, SPARE USE CODE: A21UFE1A9JALTIA SUN MICROSYSTEMS			X
4227	435J	1	407971589	A21UFE1A9JALTIB	COMPUTER, DESKTOP,ULTRA 5, SPARE X.25 FOR NOTIS FEATURE USE CODE: A21UFE1A9JALTIBS SUN MICROSYSTEMS			X
4228	435K	1	408176048		COMPUTER, MINI #A21UHCL9PB256CP SUN MICROSYSTEMS			
4229	435L	1	408178689		KIT, ADAPTER #X1156A SUN MICROSYSTEM			

STOCKLIST CONTINUED ON SHEET D7

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
4230	435B, 435C, 435D, 435E, 435F, 435G, 435H, 435J	1	407970441	SG-XTAP4MM-020A	TAPE, DDS-2, EXTERNAL, 4-8GB SUN MICROSYSTEMS		X	
4235	435B, 435C, 435D, 435E, 435F, 435G, 435H, 435J	1	407934470		CABLE #X3856A SUN MICROSYSTEMS		X	
4240	435B, 435C, 435D, 435E, 435F, 435G, 435H, 435J	1	846494383		CABLE ASSEMBLY, DATA 9/25SER.ADAPTER CABLE ASM.			
4245	500	1	408066314		CABLE ASSEMBLY, ADAPTER #CBP82683 9-25 PIN FEMALE TO FEMALE, STRAIGHT THRU; RS232 SPEC BLACK BOX			
4250	460	1	103895645	DW8A-DE	CORD 10 FT		X	
4251	470	1	103730321	DW8A-DE	CORD LIGHT OLIVE GRAY 25FT		X	
4252	480	1	103730339	DW8A-DE	CORD, 50 FT., INDIVIDUAL PACK		X	
4253	490	1	103895652	DW8A-DE	CORD, 100 FT., INDIVIDUAL PACK		X	
4260	450	1	407941251	X7130A	MONITOR, 17 INCH COLOR MONITOR SUN MICROSYSTEMS		X	
4265	431C, 440B, 440C	1	408156685		MONITOR, COLOR #D2837A HEWLETT PACKARD		X	
4270	431C, 440B, 440C	1	408156677		COMPONENT, MINI #D7958T HEWLETT PACKARD		X	
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OF 42

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