



ENGINEERING NOTES

- 51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH AT&T PRACTICES-NONE.
- 52. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.
- 53. REFER TO INTERNATIONAL TRANSLATION GUIDE (ITG5) FOR CLI VALUES.
- 54. THE RLG IS A STANDALONE UNIT. WHEN CONFIGURING A REMOTE UNIT BASE CABINET (RUB), UP TO TWO RLG UNITS CAN BE MOUNTED NEXT TO EACH OTHER ON ONE SHELF. THE MAXIMUM NUMBER OF RLG'S THAT CAN BE LOCATED WITHIN ONE CABINET IS FOUR UNITS WHICH TAKES UP TWO SHELVES. CABINET MOUNTING POSITIONS FOR SHELVES WHEN USING TWO RLG'S OR UP TO FOUR RLG UNIT(S) IN A CABINET ARE AS FOLLOWS:

TWO RLG UNITS IN CABINET

SHELF TYPE	UNIT HORIZONTAL EQL	CABINET VERTICAL EQL
(1ST) RLG	000	62
(2ND) RLG	114	62

FOUR RLG UNITS IN CABINET

SHELF TYPE	UNIT HORIZONTAL EQL	CABINET VERTICAL EQL
(1ST) RLG	000	62
(2ND) RLG	114	62
(3RD) RLG	000	53
(4TH) RLG	114	53

- 55. WHEN MOUNTING 3/4-INCH AND 1-INCH APPARATUS BLANKS WITHIN THE RLG UNIT, SLOTS ARE NUMBERED SEQUENTIALLY.  
FOR 3/4-INCH BLANKS (LIST BL2), POSITIONS ARE:  
SLOT=EQL: 1=000, 2=006, 3=012, 4=018, 9=056, 10=062, 11=068, 12=074  
FOR 1-INCH BLANKS (LIST BL1), POSITIONS ARE:  
SLOT=EQL: 5=026, 6=034, 7=042, 8=050

WHEN MOUNTING A SECOND RLG UNIT TO THE RIGHT OF THE FIRST RLG UNIT, SLOTS ARE NUMBERED AS FOLLOWS:  
FOR 3/4-INCH BLANKS (LIST BL2), POSITIONS ARE:  
SLOT=EQL: 1=114, 2=120, 3=126, 4=132, 9=170, 10=176, 11=182, 12=188  
FOR 1-INCH BLANKS (LIST BL1), POSITIONS ARE:  
SLOT=EQL: 5=140, 6=148, 7=156, 8=164

A TOTAL OF 8 3/4-INCH BLANKS AND 4 1-INCH BLANKS MAY BE REQUIRED. THE SUM OF ALL APPARATUS BLANKS PLUS CIRCUIT PACKS MUST EQUAL 12 FOR EACH RLG UNIT.

- 56. RLG IS EQUIPPED WITH ONE SPARING CONNECTOR (ED-5D585-29, G37) PER RLG ON THE BACKPLANE WIRING SIDE. THIS PLUG IS LOCATED AT EQL 005 TERM 009 FOR AN RLG MOUNTED ON THE LEFT SIDE OF A CABINET WHILE THIS SPARING PLUG IS LOCATED AT EQL 114 TERM 109 FOR AN RLG UNIT MOUNTED ON THE RIGHT SIDE OF CABINET. TO USE THE SPARING OPTION, THE CONNECTOR MUST BE REMOVED AND RE-INSTALLED AT "SPARE" TERMINAL POSITION ON THE BACKPLANE. A MAXIMUM OF ONE MAY BE INSTALLED PER RLG UNIT IN THE SPARING POSITION. THE CONNECTOR IS LOCATED BY ITS LOWER LEFT MOST TERMINAL AS VIEWED FROM THE WIRING SIDE.
- 57. IN ORDER TO PROVIDE FRAME GROUNDING OF COAX CABLE, ONE GROUNDING PLUG CONNECTOR (ED-5D585-29, G37) SHALL BE INSTALLED ON BACKPLANE WIRING SIDE AT FOLLOWING POSITIONS. CONNECTORS ARE LOCATED BY THEIR LOWER LEFT MOST TERMINAL AS VIEWED FROM THE WIRING SIDE. GROUNDING FOR 75 OHM COAX TERMINATION OF T1 LINES WILL BE LOCATED AT EQL-TERM 039-100 FOR LEFT MOUNTED RLG UNITS AND EQL-TERM 153-100 FOR RIGHT MOUNTED RLG UNITS.
- 58. IN ORDER TO PROVIDE MESH GROUNDING, TWO GROUNDING PLUG CONNECTORS (ED-5D585-29, G37) SHALL BE INSTALLED ON BACKPLANE WIRING SIDE. CONNECTORS ARE LOCATED BY THEIR LOWER LEFT MOST TERMINAL WHEN VIEWED FROM THE WIRING SIDE AS SHOWN BELOW. FOR MESH GROUNDING OF RLG UNIT, CONNECTORS ARE LOCATED AT EQL-TERM LOCATED AT 039-103 FOR LEFT MOUNTED UNITS AND EQL-TERM 153-103 FOR RIGHT MOUNTED UNITS.
- 59. LINE ENGINEER MUST EQUIP EHLSC CIRCUIT PACKS, AS VIEWED FROM THE COMPONENT SIDE OF A CABINET, AS FOLLOWS:

LEFT RLG UNIT	RIGHT RLG UNIT
1ST 04-026	1ST 04-140
2ND 04-050	2ND 04-164

- 60. EACH REMOTE LINE SHELF CAN BE EQUIPPED WITH ANY COMBINATION OF LISTS 4A THROUGH 6A UP TO A MAXIMUM COMBINED TOTAL OF 8 CIRCUIT PACKS.

----- CONTINUED ON NEXT SHEET -----

ISSUE NOTES (CONTINUED)

(H8188)=IN ENGINEERING NOTES: NOTES 173,174,499 AND 500 ADDED. IN TABLE A:REFERENCE TO NOTE 500 ADDED;LISTS D1,D2 AND F1 ADDED. LISTS BL1 AND BL2 RATING WAS STANDARD. IN STOCKLIST:ITEM 1155 ADDED. BLANK APPARATUS KIT,848194882,CREATED,MISCELLANEOUS TABLES D4, D5,D7,D8 AND D10 DELETED. POINT ISSUE PT2 INCORPORATED IN FINAL ASSEMBLY KITS. MANUFACTURING NOTES 21 AND 22 ADDED. MISCELLANEOUS TABLE D9 ADDED. (H8446)=IN TABLE A:LISTS 11B,11C,11F,11G,11H,11K RATING WAS STANDARD.

ORIG ISS: 03/01/93 CHANGE CLASS: B  
DRAFT: MAL ENGR: CJP SUPV: GEY CERTIFIED: 11/13/98 ISSUE: 29

(H8250)ENGINEERING NOTE 175 ADDED.REFERENCE TO NOTE 175 ADDED TO LISTS E AND F,"THIS LIST MUST BE SOURCED ON TRES CANTOS,SPAIN, CREATED 848046496,FINAL ASSEMBLY KIT DRAWING. IN STOCKLIST:ITEM 1038 ADDED.

ORIG ISS: 03/01/93 CHANGE CLASS: ME  
DRAFT: MAL ENGR: CJP SUPV: GEY CERTIFIED: 02/26/99 ISSUE: 30

(C94506)=IN STOCKLIST:ITEM 1135 CLEI CODE CHANGED.  
ORIG ISS: 03/01/93 CHANGE CLASS: AC  
DRAFT: MAL ENGR: CJP SUPV: GEY CERTIFIED: 09/29/99 ISSUE: 31

(H09245)=IN TABLE A:LIST 1E,1F,1G,1H,2B,2D,2F,2G,3A,3B,3C,3D, 4E THRU 4R,5E,5F,5H THRU 5M,5P THRU 5T,6B,6C,7A,7B,8A,8B,9A,9B, 10A,10B,11A,11D,11E,11J,A THRU H,D1,D2,F1 RATING WAS STANDARD

ORIG ISS: 03/01/93 NDD NBR: WS0000405 CHANGE CLASS: ME  
DRAFT: MAL ENGR: MAL SUPV: GEY CERTIFIED: 12/07/00 ISSUE: 32

ISSUE NOTES (CONTINUED)

(C54536)=IN STOCKLIST ITEMS 1062,1082,1102 CLEI CHANGED.  
ORIG ISS: 03/01/93 CHANGE CLASS: AC

DRAFT: MAL ENGR: CJP SUPV: GEY CERTIFIED: 01/26/96 ISSUE: 22

(C54537)=IN STOCKLIST ITEM 1122 CLEI E5ALAKBBAA ADDED; IN STOCKLIST ITEM 1290 CLEI E5AL5BBBAA ADDED; IN STOCKLIST ITEM 1300 E5AL4J3BAA ADDED.

ORIG ISS: 03/01/93 CHANGE CLASS: AC  
DRAFT: MAL ENGR: CJP SUPV: GEY CERTIFIED: 01/31/96 ISSUE: 23

(C54538)=IN STOCKLIST ITEM 1310 CHANGED.  
ORIG ISS: 03/01/93 CHANGE CLASS: AC

DRAFT: MAL ENGR: CJP SUPV: GEY CERTIFIED: 02/02/96 ISSUE: 24

(C54549)=IN TABLE A:LISTS 5G AND 5N RATING CHANGED TO DA, LISTS 5S AND 5T ADDED. IN STOCKLIST:ITEM 1104 ADDED.

ORIG ISS: 03/01/93 CHANGE CLASS: AU  
DRAFT: MAL ENGR: CJP SUPV: GEY CERTIFIED: 04/11/96 ISSUE: 25

H7720=ADDED TABLE A LIST 11A - 11K. ADDED STOCK LIST ITEMS 1430 - 1475. ADDED ENGINEERING NOTES 162-171. MODIFIED ENGINEERING NOTES 76-161 TO REFLECT ORDERING LIST OF 1A-1H.

ORIG ISS: 03/01/93 CHANGE CLASS: ME  
DRAFT: CJP ENGR: CJP SUPV: GEY CERTIFIED: 06/11/96 ISSUE: 26

(C64528)=IN STOCKLIST:ADD CLEI E5ALCCJB TO ITEM 1440;ADD CLEI E5ALCHJB TO ITEM 1435;ADD CLEI E5ALCGGB TO ITEM 1455;ADD CLEI E5AL9KJB TO ITEM 1112;ADD CLEI E5ALALHB TO ITEM 1102;ADD CLEI E5ALAHHB TO ITEM 1082;ADD CLEI E5AL8HJB TO ITEM 1072;ADD CLEI E51CCCBAA TO ITEM 1320.

ORIG ISS: 03/01/93 CHANGE CLASS: AC  
DRAFT: MAL ENGR: CJP SUPV: GEY CERTIFIED: 12/02/96 ISSUE: 27

(C74525) CHANGE STOCKLIST ITEM 1440 CLEI TO E5ALCCPB. CHANGE STOCKLIST ITEM 1465 CLEI TO E5ALCMGBL.

ORIG ISS: 03/01/93 CHANGE CLASS: ME  
DRAFT: CJP ENGR: CJP SUPV: GEY CERTIFIED: 06/11/97 ISSUE: 28

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5ESS SWITCHING EQUIPMENT SPECIFICATION  
FOR REMOTE LINE GROUP UNIT

BT10	
DWG SIZE C2	ISSUE 32

ENGINEERING NOTES

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

- MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CKTS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
94. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PORVIDE Z-ANALOG CIRCUIT PACK FOR SAUDI ARABIA COMPATABLE COUNTRIES (MPA9B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CKTS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  95. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PORVIDE Z-ANALOG CIRCUIT PACK FOR BRAZIL COMPATABLE COUNTRIES (MPA11B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CKTS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  96. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK WITH PERIODIC PULSE METERING (PPM) FOR NETHERLANDS COMPATABLE COUNTRIES (MPA2B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CIRCUIT CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  97. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK WITH PERIODIC PULSE METERING (PPM) FOR SPAIN COMPATABLE COUNTRIES (MPA4B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  98. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK WITH PERIODIC PULSE METERING (PPM) FOR POLAND COMPATABLE COUNTRIES (MPA6B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  99. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK WITH PERIODIC PULSE METERING (PPM) FOR INDONESIA COMPATABLE COUNTRIES (MPA8B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  100. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK WITH PERIODIC PULSE METERING (PPM) FOR SAUDI ARABIA COMPATABLE COUNTRIES (MPA10B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  151. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK WITH PERIODIC PULSE METERING (PPM) FOR BRAZIL COMPATABLE COUNTRIES (MPA12B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CIRCUITS MINIMUM OF 1, MAXIMUM OF 8 PER UNIT. PER UNIT.
  152. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PORVIDE Z-ANALOG CIRCUIT PACK WITH PULSE METERING (PPM) FOR NETHERLANDS COMPATABLE COUNTRIES (MPA2B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  153. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PORVIDE Z-ANALOG CIRCUIT PACK WITH PERIODIC PULSE METERING (PPM) FOR SPAIN COMPATABLE COUNTRIES (MPA4B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  154. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PORVIDE Z-ANALOG CIRCUIT PACK WITH PERIODIC PULSE METERING (PPM) FOR POLAND COMPATABLE COUNTRIES (MPA6B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  155. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PORVIDE Z-ANALOG CIRCUIT PACK WITH PERIODIC PULSE METERING (PPM) FOR INDONESIA COMPATABLE COUNTRIES (MPA8B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  156. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PORVIDE Z-ANALOG CIRCUIT PACK WITH PERIODIC PULSE METERING (PPM) FOR SAUDI ARABIA COMPATABLE COUNTRIES (MPA10B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  157. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PORVIDE Z-ANALOG CIRCUIT PACK WITH PERIODIC PULSE METERING (PPM) FOR BRAZIL COMPATABLE COUNTRIES (MPA12B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  158. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE 95 VOLT 2BIQ U-INTERFACE CIRCUIT PACK (MPULB). ALSO PROVIDES SUFFICIENT  
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ENGINEERING NOTES

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- SHELF LOCATION REQUIRED.
76. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE ONE RLG1-1 (MPR1) FOR 30 CHANNEL APPLICATION. MAX 2 LIST 2B'S PER RLG UNIT (1 FOR SIMPLEX 2 FOR DUPLES) . (5EE5.2 OR LATER)
  77. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE ONE RLG-R CIRCUIT PACK (MPR1) FOR 30 CHANNEL APPLICATION. MAX 2 LIST 2D'S PER RLG UNIT (1 FOR SIMPLEX 2 FOR DUPLEX) . (5EE5.2 OR LATER)
  78. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE ONE RLG-R CIRCUIT PACK (MPR2) FOR 24 CHANNEL APPLICATION. MAX 2 LIST 2F PER RLG UNIT ( 1 FOR SIMPLEX OR 2 FOR DUPLEX) . (5EE7 OR LATER)
  79. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE ONE RLG1-R CIRCUIT PACK (MPR2) FOR 24 CHANNEL APPLICATION, MAX 2 LIST 2G PER RLG UNIT ( 1 FOR SIMPLEX 2 FOR DUPLEX) . (5EE7 OR LATER)
  80. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE ONE ENHANCED HIGH LEVEL SERVICE CIRCUIT (TN1412). MAX 2 PER RLG UNIT
  81. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE ONE HIGH LEVEL SERVICE CIRCUIT (MC5D097A3E) MAX 2 PER RLG UNIT.
  82. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE ONE ENHANCED HIGH LEVEL SERVICE CIRCUIT (TN1412) MAX 2 PER RLG UNIT.
  83. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE ONE HIGH LEVEL SERVICE CIRCUIT (MC5D097A3E) MAX 2 PER RLG UNIT.
  84. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK FOR NETHERLANDS COMPATABLE COUNTRIES (MPA1B) . MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CKTS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  85. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK FOR SPAIN COMPATABLE COUNTRIES (MPA3B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CKTS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  86. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK FOR TAIWAN COMPATABLE COUNTRIES (MPA5B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CKTS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  87. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK FOR INDONESIA COMPATABLE COUNTRIES (MPA7B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CKTS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  88. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK FOR SAUDI ARABIA COMPATABLE COUNTRIES (MPA9B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CKTS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  89. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK FOR BRAZIL COMPATABLE COUNTRIES (MPA11B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CKTS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  90. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE Z-ANALOG CIRCUIT PACK FOR NETHERLANDS COMPATABLE COUNTRIDS (MPA1B). MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CKTS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  91. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PORVIDE Z-ANALOG CIRCUIT PACK FOR SPAIN COMPATABLE COUNTRIES (MPA3B) . MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CKTS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  92. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PORVIDE Z-ANALOG CIRCUIT PACK FOR TAIWAN COMPATABLE COUNTRIES (MPA5B) . MEETS 2500 VOLT LIGHTNING SURGE LIMIT RECOMMENDATIONS IN THE LSSGR. PROVIDES 8 LINE CKTS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.
  93. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PORVIDE Z-ANALOG CIRCUIT PACK FOR INDONESIA COMPATIBLE COUNTRIES (MPA7B) .  
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ENGINEERING NOTES

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61. TIP/RING, MTB, T1 FACILITY, AND SCAN/DISTRIBUTE CABLING FOR RLG SHALL BE ORDERED FROM ED5D621-11.
62. POWER CABLING FOR RLG SHALL BE ORDERED FROM ED5D708-15.
63. QUANTITIES IN STOCKLIST ARE FOR ONE REMOTE LINE GROUP.
64. RESERVED FOR FUSING INFORMATION.
65. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS AND/OR CHARACTERS INDICATES HORIZONTALLY LINED OUT INFORMATION.
66. WHEN ORDERING ONE OR TWO RLG UNITS TO BE MOUNTED INTO A CABINET, THE FRONT SUPPORT BAR (847161353) CONTAINED IN THE UNIT GUIDE KIT (847246709) IS ONLY REQUIRED WHEN NO OTHER UNITS OR PLENUMS ARE EQUIPPED DIRECTLY BELOW THE RLG UNIT SHELF. FOR ADDITIONAL REMOTE UNIT EQUIPPAGE SEE J5D003R-().
67. WHEN ORDERING 1 OR 2 RLG UNITS MOUNTED IN A CABINET, EQUIPPED WITH ONLY U-INTERFACE LINE PACKS AND NO PLENUMS OR FAN UNIT ARE ORDERED, CIRCUIT PACKS MUST BE ORDERED LOOSE. CIRCUIT PACKS CANNOT BE ORDERED OR EQUIPPED IN THE CABINET. IN THESE SITUATIONS ORDER J5D004AM-1,LC WHICH PROVIDES CABINET GUIDES, SUPPORT BARS AND FASTENERS.
68. CIRCUIT PACKS ORDERED AND SHIPPED IN THE RLG UNIT WILL NOT BE TESTED AT THE SYSTEM (CABINET) OR NON-X UNIT LEVEL. THESE CIRCUIT PACKS ARE TO BE HEAT TESTED IN A CTS ENVIRONMENT (TESTED) AND INSERTED INTO THE UNIT/CABINET PRIOR TO SHIPMENT TO THE CUSTOMER.
69. THE RLG IS A STAND ALONE UNIT. WHEN CONFIGURING A REMOTE UNIT BASE CABINET (RUB), UP TO TWO RLG UNITS CAN BE HOUSED NEXT TO EACH OTHER IN THE 500EA SHELF. THE MAXIMUM NUMBER OF RLG UNITS THAT CAN LOCATED WITHIN ONE CABINET IS FOUR WHICH EQUATES TO TWO 500EA SHELVES (HOUSINGS). CABINET MOUNTING POSITIONS FOR SHELVES WHEN USING TWO RLG'S OR UP TO FOUR RLG UNIT(S) IN A CABINET ARE AS FOLLOWS:  
TWO RLG UNITS IN A 500EA HOUSING LOCATED IN A 5ESS CABINET.  
UNIT TYPE | UNIT HORIZONTAL EQL | CABINET VERTICAL EQL  
-----  
(1ST) RLG        000                                62  
(2ND) RLG        114                                62  
FOUR RLG UNITS IN A 500EA HOUSING LOCATED IN A 5ESS CABINET.  
UNIT TYPE | UNIT HORIZONTAL EQL | CABINET VERTICAL EQL  
-----  
(1ST) RLG        000                                62  
(2ND) RLG        114                                62  
(3RD) RLG        000                                53  
(4TH) RLG        114                                53
70. EACH REMOTE LINE UNIT CAN BE EQUIPPED WITH ANY COMBINATION OF LISTS 4A THROUGH 6A UP TO A MAXIMUM COMBINED TOTAL OF 8 CIRCUIT PACKS.
71. THE 500EA HOUSING IS DESIGNED TO HOLD TWO RLG UNITS. IT IS THE INTENT OF THIS HOUSING TO PROVIDE ONE RLG BACKPLANE PER LIST (1B, 1F) AND ONE RLG BACKPLANE PER LIST (1C,1H). EACH BACKPLANE IS CONSIDERED A SEPARATE RLG UNIT. WHEN ENGINEERING AN RLG, APPARATUS BLANKS ARE REQUIRED IN ALL EMPTY SLOTS ACROSS BOTH UNITS. FOR PROPER APPARATUS BLANK POSITIONS SEE NOTE 55. THE 500EA HOUSING IS REQUIRED TO BE USED IN ALL 5ESS CABINET APPLICATIONS.
72. LIST (1A,1E) PROVIDES AN RLG BACKPLANE AND HOUSING FOR A SINGLE RLG UNIT. LIST (1A,1E) ARE RESTRICTED TO NON 5ESS CABINET INSTALLATION AND GROWTH IN OFFICES WHICH CONTAIN ONE LIST (1A,1E) THAT ARE IN NEED OF ADDING A SECOND RLG UNIT.
73. WHEN ORDERING LIST (1C,1H) OMIT 847373693 MOUTING BLANK FROM RIGHT SIDE OF 500EA HOUSING.
74. FOR U-SHAPED GUIDES FOR MOUNTING 500-TYPE UNITS IN A CLASSIC CABINET ORDER GUIDE KIT 847196763, ONE KIT PER SHELF LOCATION REQUIRED.
75. FOR U-SHAPED GUIDES FOR MOUNTING 500-TYPE UNITS IN A 5ESS-2000 PHASE I AND II CABINET ORDER UNIT GUIDE KIT 847286747, ONE PER  
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5ESS SWITCHING EQUIPMENT SPECIFICATION  
FOR REMOTE LINE GROUP UNIT

BT10	
DWG SIZE C2	ISSUE 32

TABLE A-FEATURES											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA						SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
ASSEMBLY, WIRING AND EQUIPMENT FOR REMOTE LINE GROUP UNIT. DA:EFF:09/08/95 FE:J5D004AM-1,L1E	72	DA	1A	1	SD5D517-01	1					
ASSEMBLY, WIRING AND EQUIPMENT FOR 1 RLG UNIT MOUNTED ON LEFT SIDE OF 500EA HOUSING TO BE USED IN ALL 5ESS CABINETS. DA EFF:09/08/95 FE:J5D004AM-1,L1F	69 71	DA	1B	1	SD5D517-01	1					
ASSEMBLY, WIRING AND EQUIPMENT FOR ONE RLG UNIT MOUNTED ON RIGHT SIDE OF 500EA HOUSING TO BE USED IN ALL 5ESS CABINETS. DA EFF:09/08/95 FE:J5D004AM-1,L1H	69 71 73	DA	1C	1	SD5D517-01	1					
ASSEMBLY, WIRING AND EQUIPMENT FOR 500EA HOUSING TO HOLD TWO RLG BACKPLANES. TO BE USED IN 5ESS CABINETS. DA EFF:09/08/95 FE:J5D004AM-1,L1G	69	DA	1D	1							
ASSEMBLY, WIRING AND EQUIPMENT FOR ONE RLG UNIT BACKPLANE MOUNTED IN 500E HOUSING. DA EFF:12/11/00 FE/RA:NONE	72	DA	1E	1	SD5D517-01	1					
ASSEMBLY, WIRING AND EQUIPMENT FOR ONE RLG UNIT BACKPLANE MOUNTED ON LEFT SIDE OF 500EA HOUSING TO BE USED IN ALL 5ESS CABINETS.MOUNTING KIT FROM LIST D TO BE USED. DA EFF:12/11/00 FE/RA:NONE	69 71	DA	1F	1	SD5D517-01	1					
ASSEMBLY, WIRING AND EQUIPMENT FOR 500EA HOUSING TO HOLD TWO RLG BACKPLANES. TO BE USED IN 5ESS CABINETS.( LIST H MTG KIT) DA EFF:12/11/00 FE/RA:NONE	69	DA	1G	1							
ASSEMBLY, WIRING AND EQUIPMENT FOR ONE RLG UNIT BACKPLANE TO BE MOUNTED ON RIGHT SIDE OF 500EA HOUSING. (BACKPLANE ONLY) TO BE USED IN ALL 5ESS CABINETS. (THIS IS GROWTH RLG BACKPLANE FOR 500EA HOUSING) DA EFF:12/11/00 FE/RA:NONE	69 71 73	DA	1H	1	SD5D517-01	1					
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE ONE RLG-R CIRCUIT PACK (MPR1) MAX 2 LIST 2A PER RLG UNIT (1 FOR SIMPLEX 2 FOR DUPLEX) DA EFF:05/10/94 FE:J5D004AM-1,L2B		DA	2A	1	SD5D517-01	8					
APPARATUS REQUIRED TO PROVIDE ONE RLG-R CIRCUIT PACK (MPR1). DA EFF:12/11/00 FE/RA:NONE	76 500	DA	2B	1	SD5D517-01	8					
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE ONE RLG-R CIRCUIT PACK (MPR2) FOR 24 CHANNEL APPLICATION. MAX 2 LIST 2C PER RLG UNIT (1 FOR SIMPLEX 2 FOR DUPLEX). (5EE7 OR LATER) DA EFF:08/12/94 FE:J5D004AM-1,L2F		DA	2C	1	SD5D517-01	8					
APPARATUS REQUIRED TO PROVIDE ONE RLG-R CIRCUIT PACK (MPR1). DA EFF:12/07/00 FE/RA:NONE	77 500	DA	2D	1	SD5D517-01	8					

TABLE-A CONTINUED

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ENGINEERING NOTES

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

TO PROVIDE ONE Z-ANALOG CIRCUIT PACK, (MPA24) CONTAINS 16 LINE INTERFACES. LINE CHARACTERISTICS ARE: COMPLEX TERMINATION, A-/U-LAW PCM, PROGRAMMABLE BALNET, FWD/REV BATTERY, 45MA CURRENT LIMIT.  
**<5EE6.1 OR LATER>.**

171. APPARATUS REQUIRED IN ADDITION TO LIST 1A THRU 1H TO PROVIDE ONE Z-ANALOG CIRCUIT PACK, (MPA16B) CONTAINS 8 LINE INTERFACES. LINE CHARACTERISTICS ARE: COMPLEX TERMINATION, A-LAW PCM, FWD BATTERY, 45MA CURRENT LIMIT, 12KHZ PPM TONE.  
(MIN OF 1, MAX OF 8)  
**<5EE6.2 OR LATER>**

173. LOOSE DESIGNATION STRIP LABELS CAN BE ORDERED THROUGH THE CONTROLLING "ED" DRAWING ONLY. REFERENCE TABLE D9 IN MISCELLANEOUS TABLE SECTION TO DETERMINE APPROPRIATE "ED" GROUPS. ON ALL ORDERS, A HORIZONTAL EQL MUST BE SPECIFIED FOR EACH "J" LIST WHICH PROVIDES A CIRCUIT PACK EQUIPPED IN A MULTI-PURPOSE CIRCUIT PACK POSITION OR FOR EACH D LIST. EACH DESIGNATION STRIP LABEL HAS TWO COMPONENTS; STAMPING INFORMATION AND LABEL MATERIAL. TABLE D9 PROVIDES REFERENCES TO APPROPRIATE STAMPING INFORMATION ONLY. DESIGNATION STRIP MATERIAL IS PROVIDED IN THE FINAL ASSEMBLY KIT FOR EACH UNIT.

174. LOOSE FUSE LABELS CAN BE ORDERED THROUGH THE CONTROLLING "ED" DRAWING ONLY. REFERENCE THE FUSE LABEL TABLE IN MANUFACTURING NOTE 22 TO DETERMINE APPROPRIATE "ED" GROUPS.

175. THIS LIST MUST BE SOURCED ON TRES CANTOS, SPAIN.

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

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

ENGINEERING NOTES

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

POWER TO INCLUDE REGENERATORS ON A U-DSL LOOP. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.

159. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE 95 VOLT 2B1Q U-INTERFACE CIRCUIT PACK (MPULB). ALSO PROVIDES SUFFICIENT POWER TO INCLUDE REGENERATORS ON A U-DSL LOOP. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.

160. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE T-INTER. CIRCUIT PACK (MPT1) FOR ALL RLG APPLICATIONS. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 8 PER UNIT.  
(5EE5.2 AND LATER)

161. APPARATUS REQUIRED IN ADDITION TO LIST 1A-1H TO PROVIDE T-INTERFACE CIRCUIT PACK (MPT1) FOR ALL RLG APPLICATIONS. PROVIDES 8 LINE CIRCUITS PER PACK. MINIMUM OF 1, MAXIMUM OF 4 PER UNIT. (5EE5.2 AND LATER)

162. APPARATUS REQUIRED IN ADDITION TO LIST 1A THRU 1H TO PROVIDE ONE Z-ANALOG CIRCUIT PACK, (MPA14B) CONTAINS 8 LINE INTERFACES. LINE CHARACTERISTICS ARE: 900 OHM +2.16UF TERMINATION, U-LAW PCM, FWD BATTERY ,40MA CURRENT LIMIT, 16KHZ PPM TONE. MIN OF 1, MAX OF 8.  
**<5EE6.2 OR LATER>**

163. APPARATUS REQUIRED IN ADDITION TO LIST 1A THRU 1H TO PROVIDE ONE Z-ANALOG CIRCUIT PACK, (MPA23) CONTAINS 16 LINE INTERFACE. LINE CHARACTERISTICS ARE: 600 OHM TERMINATION, A OR U-LAW PCM, PROGRAMMABLE BALNETS, FWD OR REV BATTERY, 45MA CURRENT LIMIT. (MIN 1, MAX 8 LIST 163'S)

164. APPARATUS REQUIRED IN ADDITION TO LIST 1A THRU 1H TO PROVIDE ONE Z-ANALOG CIRCUIT PACK, (MPA27) CONTAINS 16 LINE INTERFACE. LINE CHARACTERISTICS ARE: 600 OHM TERMINATION, A-LAW PCM, ONE BALNET FWD BATTERY, NO CURRENT LIMIT.  
(MIN 1, MAX 8 LIST 164'S)  
**<5EE6.1 OR LATER>**

165. APPARATUS REQUIRED IN ADDITION TO LIST 1A THRU 1H TO PROVIDE ONE Z-ANALOG CIRCUIT PACK, (MPA17B) CONTAINS 8 POTS LINE INTREFACES. LINE CHARACTERISTICS ARE: COMPLEX TERMINATION, A-LAW PCM, FWD/REV BATTERY, 55MA CURRENT LIMIT. (MIN OF 1, MAX OF 8)  
**<5EE6.2 OR LATER>**

166. APPARATUS REQUIRED IN ADDITION TO LIST 1A THRU 1H TO PROVIDE ONE Z-ANALOG CIRCUIT PACK, (MPA18B) CONTAINS 8 LINE INTERFACES. LINE CHARACTERISTICS ARE: COMPLEX TERMINATION, A-LAW PCM, FWD BATTERY, 55MA CURRENT LIMIT, 12KHZ PPM TONE.  
(MIN OF 1 MAX OF 8)  
(5EE6.2 OR LATER)

167. APPARATUS REQUIRED IN ADDITION TO LIST 1A THRU 1H TO PROVIDE ONE Z-ANALOG CIRCUIT PACK, (MPA21) WHICH CONTAINS 16 LINE INTERFACES. CIRCUIT PACK CHARACTERISTICS ARE: 800 OHM TERMINATION IMPEDENCE, A OR U-LAW TYPE PCM, PROGRAMMABLE BALNETS, 45MA CURRENT LIMIT, AND FWD/REV BATTERY OPERATION.  
(MIN OF 1, MAX OF 8 LIST 167'S)

168. APPARATUS REQUIRED IN ADDITION TO LIST 1A THRU 1H TO PROVIDE ONE Z-ANALOG CIRCUIT PACK, (MPA25). THE CIRCUIT PACK CHARACTERISTICS ARE: 900 OHM TERMINATION IMPEDENCE, A OR U-LAW TYPE PCM, PROGRAMMABLE BALNETS, 45MA CURRENT LIMIT, AND FWD/REV BATTERY OPERATION.  
(MIN OF 1, MAX OF 8 LIST 168'S)

169. APPARATUS REQUIRED IN ADDITION TO LIST 1A THRU 1H TO PROVIDE ONE Z-ANALOG CIRCUIT PACK, (MPA29) CONTAINS 16 LINE INTERFACES. LINE CHARACTERISTICS ARE: 600 OHM TERMINATION, A-LAW PCM, ONE BALNETS, FWD BATTERY, NO CURRENT LIMIT.  
**<5EE6.1 OR LATER>**

170. APPARATUS REQUIRED IN ADDITION TO LIST 1A THRU 1H  
----- CONTINUED TO THE LEFT -----

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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
APPARATUS REQUIRED IN ADDITION TO LIST 1B,1C TO PROVIDE ONE RLG-R CIRCUIT PACK (MPR2) FOR 24 CHANNEL APPLICATION. MAX 2 LIST 2E PER RLG UNIT (1 FOR SIMPLEX 2 FOR DUPLEX). (SEE7 OR LATER) DA EFF:08/12/94 FE:J5D004AM-1,L2G		DA	2E	1	SD5D517-01	8					
APPARATUS REQUIRED TO PROVIDE ONE RLG-R CIRCUIT PACK (MPR2). DA EFF:12/11/00 FE/RA:NONE	78 500	DA	2F	1	SD5D517-01	8					
APPARATUS REQUIRED TO PROVIDE ONE RLG-R CIRCUIT PACK (MPR2). DA EFF:12/11/00 FE/RA:NONE	79 500	DA	2G	1	SD5D517-01	8					
APPARATUS REQUIRED TO PROVIDE ONE ENHANCED HIGH LEVEL SERVICE CIRCUIT (TN1412). DA EFF:12/11/00 FE/RA:NONE	80 500	DA	3A	1	SD5D517-01	7					
APPARATUS REQUIRED TO PROVIDE ONE HIGH LEVEL SERVICE CIRCUIT (MC5D097A3E). DA EFF:12/11/00 FE/RA:NONE	81 500	DA	3B	1	SD5D517-01	7					
APPARATUS REQUIRED TO PROVIDE ONE ENHANCED HIGH LEVEL SERVICE CIRCUIT (TN1412). DA EFF:12/11/00 FE/RA:NONE	82 500	DA	3C	1	SD5D517-01	7					
APPARATUS REQUIRED TO PROVIDE ONE HIGH LEVEL SERVICE CIRCUIT (MC5D097A3E). DA EFF:12/11/00 FE/RA:NONE	83 500	DA	3D	1	SD5D517-01	7					
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE EIGHT LINE CIRCUITS FOR NETHERLANDS COMPATIBLE POTS INTERFACE (MPA1). (MIN OF 1, MAX OF 8 PER RLG)		DA	4A	1	SD5D517-01	6					
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE EIGHT LINE CIRCUITS FOR SPAIN COMPATIBLE POTS INTERFACE (MPA3). (MIN OF 1, MAX OF 8 PER RLG)		DA	4B	1	SD5D517-01	6					
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE Z-ANALOG CIRCUITS FOR TAIWAN AND OTHER COUNTRIES WITH COMPATIBLE REQUIREMENTS. (8 LINE CIRCUITS PER MPA7) (MIN OF 1, MAX OF 8 PER RLG UNIT). FE:J5D004AM-1,L4H DA EFF:10/19/93		DA	4C	1	SD5D517-01	6					
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE Z-ANALOG CIRCUITS FOR INDONESIA AND OTHER COUNTRIES WITH COMPATIBLE REQUIREMENTS. (8 LINE CIRCUITS PER MPA7). (MIN OF 1, MAX OF 8 PER RLG UNIT). FE:J5D004AM-1,L4H DA EFF:10/19/93		DA	4D	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA1B). DA EFF:12/11/00	84 500	DA	4E	1	SD5D517-01	6					

TABLE-A CONTINUED

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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
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA3B). DA EFF:12/11/00 FE/RA:NONE	85 500	DA	4F	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA5B). DA EFF:12/11/00 FE/RA:NONE	86 500	DA	4G	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA7B). DA EFF:12/11/00 FE/RA:NONE	87 500	DA	4H	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA9B). DA EFF:12/11/00 FE/RA:NONE	88 500	DA	4J	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA11B). DA EFF:12/11/00 FE/RA:NONE	89 500	DA	4K	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA1B). DA EFF:12/11/00 FE/RA:NONE	90 500	DA	4L	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA3B). DA EFF:12/11/00 FE/RA:NONE	91 500	DA	4M	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA5B). DA EFF:12/11/00 FE/RA:NONE	92 500	DA	4N	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA7B). DA EFF:12/11/00 FE/RA:NONE	93 500	DA	4P	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA9B). DA EFF:12/11/00 FE/RA:NONE	94 500	DA	4Q	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA11B). DA EFF:12/11/00 FE/RA:NONE	95 500	DA	4R	1	SD5D517-01	6					

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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
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE EIGHT LINE CIRCUITS FOR NETHERLANDS COMPATIBLE PPM INTERFACE (MPA2). (MIN OF 1, MAX OF 8 PER RLG UNIT). FE:J5D004AM-1,L5E DA EFF:10/19/93		DA	5A	1	SD5D517-01	6					
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE EIGHT LINE CIRCUITS FOR SPAIN COMPATIBLE PPM INTERFACE (MPA4). (MIN OF 1, MAX OF 8 PER RLG UNIT). FE:J5D004AM-1,L5F DA EFF:10/19/93		DA	5B	1	SD5D517-01	6					
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE Z-ANALOG CIRCUITS WITH PERIODIC PULSE METERING (PPM) FOR POLAND AND OTHER COUNTRIES WITH COMPATIBLE REQUIREMENTS. (8 LINE CIRCUITS PER MPA6). (MIN OF 1, MAX OF 8 PER RLG UNIT). FE:J5D004AM-1,L5G DA EFF:10/19/93		DA	5C	1	SD5D517-01	6					
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE Z-ANALOG CIRCUITS WITH PERIODIC PULSE METERING (PPM) FOR INDONESIA AND OTHER COUNTRIES WITH COMPATIBLE REQUIREMENTS. (8 LINE CIRCUITS PER MPA8). (MIN OF 1, MAX OF 8 PER RLG UNIT). FE:J5D004AM-1,L5H DA EFF:10/19/93		DA	5D	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA2B). DA EFF:12/11/00 FE/RA:NONE	96 500	DA	5E	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA4B). DA EFF:12/11/00 FE/RA:NONE	97 500	DA	5F	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA6B). DA EFF:04/11/96 FE:J5D004AM-1,L5S	98	DA	5G	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA8B). DA EFF:12/11/00 FE/RA:NONE	99 500	DA	5H	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA10B). DA EFF:12/11/00 FE/RA:NONE	100 500	DA	5J	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA12B). DA EFF:12/11/00 FE/RA:NONE	151 500	DA	5K	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA2B). DA EFF:12/11/00 FE/RA:NONE	152 500	DA	5L	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA4B). DA EFF:12/11/00 FE/RA:NONE	153 500	DA	5M	1	SD5D517-01	6					
TABLE-A CONTINUED											

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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
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA6B). DA EFF:04/11/96 FE:J5D004AM-1,L5T	154	DA	5N	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA8B). DA EFF:12/11/00 FE/RA:NONE	155 500	DA	5P	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA10B). DA EFF:12/11/00 FE/RA:NONE	156 500	DA	5Q	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA12B). DA EFF:12/11/00 FE/RA:NONE	157 500	DA	5R	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA6B). REPL:J5D004AM-1,L5G DA EFF:12/11/00 FE/RA:NONE	98 500	DA	5S	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE Z-ANALOG CIRCUIT PACK (MPA6B). REPL:J5D004AM-1,L5N DA EFF:12/11/00 FE/RA:NONE	154 500	DA	5T	1	SD5D517-01	6					
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE EIGHT LINE U-INTERFACE (MPU1). (MIN OF 1, MAX OF 8 PER RLG UNIT). FE:J5D004AM-1,L6B DA EFF:10/19/93		DA	6A	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE U-INTERFACE CIRCUIT PACK (MPU1B). DA EFF:12/11/00 FE/RA:NONE	158 500	DA	6B	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE U-INTERFACE CIRCUIT PACK (MPU1B). DA EFF:12/11/00 FE/RA:NONE	159 500	DA	6C	1	SD5D517-01	6					
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE SPARING PLUG CONNECTOR. (MAX OF 1 PER RLG UNIT). DA EFF:12/11/00 FE/RA:NONE	56	DA	7A	1	SD5D517-01	2 3					
TABLE-A CONTINUED											

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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
APPARATUS REQUIRED IN ADDITION TO LIST 1B,1C TO PROVIDE SPARING PLUG CONNECTOR. (MAX OF 1 PER RLG UNIT). DA EFF:12/11/00 FE/RA:NONE	56	DA	7B	1	SD5D517-01	2 3					
APPARATUS REQUIRED IN ADDITION TO LIST 1A TO PROVIDE GROUNDING FOR T1 FACILITIES USING 75 OHM COAX. (MAX OF 1 PER RLG UNIT). DA EFF:12/11/00 FE/RA:NONE	57	DA	8A	1	SD5D517-01	4					
APPARATUS REQUIRED IN ADDITION TO LIST 1B, 1C TO PROVIDE GROUNDING FOR T1 FACILITIES USING 75 OHM COAX. (MAX OF 1 PER RLG UNIT). DA EFF:12/11/00 FE/RA:NONE	57	DA	8B	1	SD5D517-01	4					
APPARATUS REQUIRED IN ADDITION TO LIST 1A AND 8A TO PROVIDE FOR MESH EARTH GROUNDING. (MAX OF 1 PER RLG UNIT). DA EFF:12/11/00 FE/RA:NONE	57 58	DA	9A	1	SD5D517-01	5					
APPARATUS REQUIRED IN ADDITION TO LIST 1B,1C AND 8B TO PROVIDE FOR MESH EARTH GROUNDING. (MAX OF 1 PER RLG UNIT). DA EFF:12/11/00 FE/RA:NONE	57 58	DA	9B	1	SD5D517-01	5					
APPARATUS REQUIRED TO PROVIDE T-INTERFACE CIRCUIT PACK (MPT1). DA EFF:12/11/00 FE/RA:NONE	160 500	DA	10A	1	SD5D517-01	6					
APPARATUS REQUIRED TO PROVIDE T-INTERFACE CIRCUIT PACK (MPT1). DA EFF:12/11/00 FE/RA:NONE	161	DA	10B		SD5D517-01						
APPARATUS REQUIRED TO PROVIDE ONE Z-ANALOG CIRCUIT PACK, (MPA14B) DA EFF:12/11/00 FE/RA:NONE	162 500	DA	11A								
APPARATUS REQUIRED TO PROVIDE ONE Z-ANALOG CIRCUIT PACK MPA23. DA EFF:11/13/98 FE/RA:NONE	163 500	DA	11B								
APPARATUS REQUIRED TO PROVIDE ONE Z-ANALOG CIRCUIT PACK (MPA27). DA EFF:11/13/98 FE/RA:NONE	164 500	DA	11C								
APPARATUS REQUIRED TO PROVIDE ONE Z-ANALOG CIRCUIT PACK, (MPA17B) DA EFF:12/11/00 FE/RA:NONE	165 500	DA	11D								
APPARATUS REQUIRED TO PROVIDE ONE Z-ANALOG CIRCUIT PACK (MPA18B) DA EFF:12/11/00 FE/RA:NONE	166 500	DA	11E								
APPARATUS REQUIRED TO PROVIDE ONE Z-ANALOG CIRCUIT PACK (MPA21). DA EFF:11/13/98 FE/RA:NONE	167 500	DA	11F								
TABLE-A CONTINUED											

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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
APPARATUS REQUIRED TO PROVIDE ONE Z-ANALOG CIRCUIT PACK (MPA25). DA EFF:11/13/98 FE/RA:NONE	168 500	DA	11G								
APPARATUS REQUIRED TO PROVIDE ONE Z-ANALOG CIRCUIT PACK (MPA29) DA EFF:11/13/98 FE/RA:NONE	169 500	DA	11H								
APPARATUS REQUIRED TO PROVIDE ONE Z-ANALOG CIRCUIT PACK (MPA16B) DA EFF:12/11/00 FE/RA:NONE	171 500	DA	11J								
APPARATUS REQUIRED TO PROVIDE ONE Z-ANALOG CIRCUIT PACK (MPA24). DA EFF:11/13/98 FE/RA:NONE	170 500	DA	11K								
KIT REQUIRED TO MOUNT SECOND RLG UNIT ON RIGHT SIDE OF CABINET. REQUIRED WHEN ORDERING SECOND LIST 1A FOR MOUNTING INTO CABINET. DA EFF:12/11/00 FE/RA:NONE	500	DA	A								
KIT REQUIRED TO MOUNT ONE RLG UNIT ON LEFT SIDE OF CLASSIC CABINET. REQUIRED WHEN ORDERING ONLY ONE LIST 1A FOR MOUNTING INTO CABINET. DA EFF:12/11/00 FE/RA:NONE	74 500	DA	B								
KIT REQUIRED IN ADDITION TO LIST B,E TO PROVIDE 500E HOUSING FRONT SUPPORT BAR. (847246709) DA EFF:12/11/00 FE/RA:NONE	66 67 500	DA	C								
KIT REQUIRED TO HOUSE TWO RLG UNITS MOUNTED IN A 500EA HOUSING FOR MOUNTING IN A CLASSIC CABINET. REQUIRED WHEN ORDERING LIST 1B OR 1F EQUIPPED WITH ONE RLG BACKPLANE AND ONE MOUNTING BLANK. DA EFF:12/11/00 FE/RA:NONE	74 500	DA	D								
KIT, FINAL ASSEMBLY TO MOUNT ONE RLG UNIT ON LEFT SIDE OF AT&T-NSI CABINET. REQUIRED WHEN ORDERING ONLY ONE LIST 1A OR 1E FOR MOUNTING INTO CABINET. (SOURCE ON TRES CANTOS, SPAIN) DA EFF:12/11/00 FE/RA:NONE	175 500	DA	E								
TABLE-A CONTINUED											

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TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		REF NOTE	RAT-ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	QTY				EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
KIT, FINAL ASSEMBLY TO MOUNT RLG(500EA HOUSING) IN AT&T-NSI-CABINET.REQUIRED IN ADDITION TO LIST 1B OR 1F. (SOURCE ON TRES CANTOS,SPAIN) DA EFF:12/11/00 FE/RA:NONE		175 500	DA	F								
KIT, FINAL ASSEMBLY TO MOUNT RLG(500EA HOUSING) IN AT&T-NS-5ESS2000 CABINET. REQUIRED IN ADDITION TO LIST 1B OR 1F. DA EFF:12/11/00 FE/RA:NONE		75 500	DA	G								
KIT, FINAL ASSEMBLY TO MOUNT 500EA HOUSING E/W TWO BACKPLANES.IN ADDITION TO LIST 1G DA EFF:12/11/00 FE/RA:NONE		500	DA	H								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1E. PROVIDES FRONT DESIGNATION STRIP LABEL FOR RLG MOUNTED ON LEFT SIDE OF CABINET. DA EFF:12/11/00 FE/RA:NONE			DA	D1								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1E. PROVIDES FRONT DESIGNATION LABEL FOR RLG MOUNTED ON RIGHT SIDE OF CABINET DA EFF:12/11/00 FE/RA:NONE			DA	D2								
APPARATUS,BLANK KIT (848194882) DA EFF:12/11/00 FE/RA:NONE		499	DA	F1								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE FOR NETHERLANDS COMPATIBLE COUNTRIES. FE:J5D004AM-1,LL1A DA EFF:10/19/93			DA	L1								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE FOR NETHERLANDS COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL15			DA	L1A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE FOR NETHERLANDS COMPATIBLE COUNTRIES. FE:J5D004AM-1,LL2A DA EFF:10/19/93			DA	L2								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE FOR NETHERLANDS COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL16			DA	L2A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE FOR SPAIN COMPATIBLE COUNTRIES. FE:J5D004AM-1,LL3A DA EFF:10/19/93			DA	L3								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE FOR SPAIN COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL15			DA	L3A								

TABLE-A CONTINUED

J5D004AM-1

TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		REF NOTE	RAT-ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	QTY				EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE FOR SPAIN COMPATIBLE COUNTRIES. FE:J5D004AM-1,LL4A DA EFF:10/19/93			DA	L4								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE FOR SPAIN COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL16			DA	L4A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE FOR TAIWAN COMPATIBLE COUNTRIES. FE:J5D004AM-1,LL5A DA EFF:10/19/93			DA	L5								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE FOR TAIWAN COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL15			DA	L5A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE FOR TAIWAN COMPATIBLE COUNTRIES. FE:J5D004AM-1,LL6A DA EFF:10/19/93			DA	L6								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE FOR TAIWAN COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL16			DA	L6A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE FOR POLAND COMPATIBLE COUNTRIES. FE:J5D004AM-1,LL7A DA EFF:10/19/93			DA	L7								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE FOR POLAND COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL15			DA	L7A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE FOR POLAND COMPATIBLE COUNTRIES. FE:J5D004AM-1,LL8A DA EFF:10/19/93			DA	L8								

TABLE-A CONTINUED

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5ESS SWITCHING EQUIPMENT SPECIFICATION  
FOR REMOTE LINE GROUP UNIT

DWG SIZE C2 ISSUE 32

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TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE FOR POLAND COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL16		DA	L8A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE FOR INDONESIA COMPATIBLE COUNTRIES. FE:J5D004AM-1,LL9A DA EFF:10/19/93		DA	L9								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE FOR INDONESIA COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL15		DA	L9A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE FOR INDONESIA COMPATIBLE COUNTRIES. FE:J5D004AM-1,LL10A DA EFF:10/19/93		DA	L10								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE FOR INDONESIA COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL16		DA	L10A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE FOR SAUDI ARABIA COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL15		DA	L11								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE FOR SAUDI ARABIA COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL16		DA	L12								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE FOR BRAZIL COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL15		DA	L13								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE FOR BRAZIL COMPATIBLE COUNTRIES. DA EFF:01/14/94 FE:J5D004AM-1,LL16		DA	L14								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A OR 1E, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON LEFT SIDE. DA EFF:11/13/98 FE/RA:NONE		DA	L15								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1A OR 1E, PROVIDES DESIGNATION LABELS FOR RLG MOUNTED ON RIGHT SIDE. DA EFF:11/13/98 FE/RA:NONE		DA	L16								

TABLE-A CONTINUED

J5D004AM-1

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED IN ADDITION TO LIST 1B OR 1D OR 1F OR 1G, PROVIDES DESIGNATION LABEL FOR 500EA HOUSING. DA EFF:11/13/98 FE/RA:NONE		DA	L17								
178D APPARATUS BLANK REQUIRED FOR RLG. DA EFF:11/13/98 FE:J5D004AM-1,LF1		DA	BL1								
178C APPARATUS BLANK REQUIRED FOR RLG. DA EFF:11/13/98 FE:J5D004AM-1,LF1		DA	BL2								

END OF TABLE-A

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MANUFACTURING NOTES

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

10,11,12	-----	-----
5,6,7,8	178D	106247034

X X

22. FUSE LABEL TABLE

LIST	ED GROUP FOR LABEL
1E,1F,1G	ED5D088-10,G600,G601,G602, G603,G604,G605, G606,G607

X

23. BASIC FRONT LABEL INFORMATION FOR RLG MOUNTED ON LEFT SIDE OF CABINET ONLY.

X

24. BASIC FRONT LABEL INFORMATION FOR RLG MOUNTED ON RIGHT SIDE OF CABINET ONLY.

X

25. FRONT LABEL REQUIRED WHEN RLG IS MOUNTED IN A 500EA HOUSING

X

26. THIS UNIT DOES NOT REQUIRE A REAR LABEL.

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MANUFACTURING NOTES

- 12. CABLE SUPPORTS LOCATED AT UPPER, MIDDLE, AND LOWER POSITIONS OF UNIT ARE INCLUDED AS ITEMS IN THE FINAL ASSEMBLY KITS.
- 13. KEY CODES SHALL BE ASSEMBLED AND EQUIPPED PER TABLE CA.
- 14. WHEN MOUNTING 3/4-INCH AND 1-INCH APPARATUS BLANKS WITHIN THE RLG UNIT, SLOTS ARE NUMBERED SEQUENTIALLY.  
FOR 3/4-INCH BLANKS, POSITIONS ARE:  
SLOT=EQL: 1=000, 2=006, 3=012, 4=018, 9=056, 10=062, 11=068, 12=074  
FOR 1-INCH BLANKS, POSITIONS ARE:  
SLOT=EQL: 5=026, 6=034, 7=042, 8=050

WHEN MOUNTING A SECOND RLG UNIT TO THE RIGHT OF THE FIRST RLG UNIT, SLOTS ARE NUMBERED AS FOLLOWS:  
FOR 3/4-INCH BLANKS, POSITIONS ARE:  
SLOT=EQL: 1=114, 2=120, 3=126, 4=132, 9=170, 10=176, 11=182, 12=188  
FOR 1-INCH BLANKS, POSITIONS ARE:  
SLOT=EQL: 5=140, 6=148, 7=156, 8=164

A TOTAL OF 8 3/4-INCH BLANKS AND 4 1-INCH BLANKS MAY BE REQUIRED. AN APPARATUS BLANK WILL NEED TO BE OMITTED FOR EVERY CP THAT IS EQUIPPED. THE SUM OF ALL APPARATUS BLANKS PLUS CIRCUIT PACKS MUST EQUAL 12 FOR EACH RLG UNIT.

15. RLG IS EQUIPPED WITH ONE SPARING CONNECTOR (ED-5D585-29, G37) PER RLG ON THE BACKPLANE WIRING SIDE. THIS PLUG IS LOCATED AT EQL 005 TERM 009 FOR AN RLG MOUNTED ON THE LEFT SIDE OF A CABINET WHILE THIS SPARING PLUG IS LOCATED AT EQL 114 TERM 109 FOR AN RLG UNIT MOUNTED ON THE RIGHT SIDE OF CABINET. TO USE THE SPARING OPTION, THE CONNECTOR MUST BE REMOVED AND RE-INSTALLED AT "SPARE" TERMINAL POSITION ON THE BACKPLANE. A MAXIMUM OF ONE MAY BE INSTALLED PER RLG UNIT IN THE SPARING POSITION. THE CONNECTOR IS LOCATED BY ITS LOWER LEFT MOST TERMINAL AS VIEWED FROM THE WIRING SIDE.

16. IN ORDER TO PROVIDE FRAME GROUNDING OF COAX CABLE, ONE GROUNDING PLUG CONNECTOR (ED-5D585-29, G37) SHALL BE INSTALLED ON BACKPLANE WIRING SIDE AT FOLLOWING POSITIONS. CONNECTORS ARE LOCATED BY THEIR LOWER LEFT MOST TERMINAL AS VIEWED FROM THE WIRING SIDE. GROUNDING FOR 75 OHM COAX TERMINATION OF T1 LINES WILL BE LOCATED AT EQL-TERM 039-100 FOR LEFT MOUNTED RLG UNITS AND EQL-TERM 153-100 FOR RIGHT MOUNTED RLG UNITS.

17. IN ORDER TO PROVIDE MESH GROUNDING, TWO GROUNDING PLUG CONNECTORS (ED-5D585-29, G37) SHALL BE INSTALLED ON BACKPLANE WIRING SIDE. CONNECTORS ARE LOCATED BY THEIR LOWER LEFT MOST TERMINAL WHEN VIEWED FROM THE WIRING SIDE. FOR MESH GROUNDING OF RLG UNIT; CONNECTORS ARE LOCATED AT EQL-TERM 039-103 FOR LEFT MOUNTED UNITS AND EQL-TERM 153-103 FOR RIGHT MOUNTED UNITS.

18. WHEN ORDERING 1 OR 2 RLG UNITS MOUNTED IN A CABINET, EQUIPPED WITH ONLY U-INTERFACE LINE PACKS AND NO PLENUMS OR FAN ARE ORDERED, CIRCUIT PACKS MUST BE ORDERED LOOSE. CIRCUIT PACKS CANNOT BE ORDERED AND EQUIPPED IN THE CABINET.

19. CIRCUIT PACKS ORDERED AND SHIPPED IN THE RLG UNIT WILL NOT BE TESTED AT THE SYSTEM (CABINET) OR NON-X UNIT LEVEL. THESE CIRCUIT PACKS ARE TO BE HEAT TESTED IN A CTS ENVIRONMENT (TESTBED) AND INSERTED INTO THE UNIT/CABINET PRIOR TO SHIPMENT TO THE CUSTOMER.

20. THE RLG IS A STAND ALONE UNIT. WHEN CONFIGURING A REMOTE UNIT BASE CABINET (RUB), UP TO TWO RLG UNITS CAN BE HOUSED NEXT TO EACH OTHER IN THE 500EA SHELF. THE MAXIMUM NUMBER OF RLG UNITS THAT CAN BE LOCATED WITHIN ONE CABINET IS FOUR WHICH EQUATES TO TWO 500EA SHELVES (HOUSINGS). CABINET MOUNTING POSITIONS FOR SHELVES WHEN USING TWO RLG'S OR UP TO FOUR RLG UNIT(S) IN A CABINET ARE AS FOLLOWS:

TWO RLG UNITS IN A 500EA HOUSING LOCATED IN A 5ESS CABINET

UNIT TYPE	UNIT HORIZONTAL EQL	CABINET VERTICAL EQL
(1ST) RLG	000	62
(2ND) RLG	114	62

FOUR RLG UNITS IN A 500EA HOUSING LOCATED IN A 5ESS CABINET

UNIT TYPE	UNIT HORIZONTAL EQL	CABINET VERTICAL EQL
(1ST) RLG	000	62
(2ND) RLG	114	62
(3RD) RLG	000	53
(4TH) RLG	114	53

X X

21. APPARATUS BLANK TABLE

POSITION NUMBER	APPARATUS BLANK TYPE	COMCODE
1,2,3,4,	178C	106247026

----- CONTINUED TO THE LEFT -----

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1010	1A	1	847077807		ASSEMBLY,BASE UNIT			
1020	A	1	847077815		KIT,FINAL ASSEMBLY			
1025	1B	1	847369287		ASSEMBLY,SHELF 500EA HOUSING			
1026	1C	1	847374501		ASSEMBLY,SHELF			
1028	1D	1	847449782		ASSEMBLY,SHELF E/W TWO RLG BACKPLANES IN A 500EA HOUSING			
1029	1E	1	847623303		ASSEMBLY,SHELF 500E HOUSING			
1030	2A	1	106697311	TN1412	PACK,CIRCUIT FE CLEI=E5PQADBA CLEI = E5PQAPXA LEFT EQPT POS 04 - 026, 050 RIGHT EQPT POS 04 - 140, 164			
1031	2A	1	106843089	MPR1	PACK,CIRCUIT CLEI = E5PQAFBA LEFT EQPT POS 04-034,042 RIGHT EQPT POS 04-148,156			
1032	2B,2D	1	107238040	MPR1	PACK,CIRCUIT CLEI = E5PQALMA LEFT EQPT POS 04-034,042 RIGHT EQPT POS 04-148,156			
1033	1F	1	847623311		ASSEMBLY,SHELF 500EA HOUSING			
1035	2C,2E	1	107085250	MPR2	PACK,CIRCUIT CLEI = E5PQAJPA			
1036	2F,2G	1	107335333	MPR2	PACK,CIRCUIT CLEI = E5PQAMVA			
1037	1G	1	847623337		ASSEMBLY,SHELF			
1038	H	1	848046496		KIT,FINAL ASSEMBLY			
1039	1H	1	847624756		ASSEMBLY,SHELF			
1041	3A,3C	1	106697311	TN1412	PACK,CIRCUIT FE CLEI=E5PQADBA CLEI = E5PQAPXA LEFT EQPT POS 04-026,050 RITGHT EQPT POS 04-140,164			
1050	4A	1	106276009	MPA1	PACK,CIRCUIT CLEI = E5AL4G0B LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1052	4E,4L	1	106898661	MPA1B	PACK,CIRCUIT FE CLEI=E5AL9G0B CLEI = E5AL9G0B LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1060	5A	1	106647340	MPA2	PACK,CIRCUIT CLEI = E5AL5G3B LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1062	5E,5L	1	106898679	MPA2B	PACK,CIRCUIT FE CLEI=E5ALG0B CLEI = E5ALAG0B LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			

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

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1070	4B	1	106284045	MPA3	PACK,CIRCUIT CLEI = E5AL4H0B LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1072	4F,4M	1	106767445	MPA3B	PACK,CIRCUIT FE CLEI=E5AL8HAB FE CLEI=E5AL8HOB CLEI = E5AL8HJB LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1080	5B	1	106651268	MPA4	PACK,CIRCUIT CLEI = E5AL5H4B LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1082	5F,5M	1	106898687	MPA4B	PACK,CIRCUIT FE CLEI=E5ALAHBB FE CLEI=E5ALAHOB CLEI = E5ALAHBB LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1090	4C	1	106284060	MPA5	PACK,CIRCUIT CLEI = E5AL705B LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1092	4G,4N	1	106898695	MPA5B	PACK,CIRCUIT FE CLEI=E5AL9E0B CLEI = E5AL9EBB LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1100	5C	1	106463185	MPA6	PACK,CIRCUIT CLEI = E5PQACBA LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1102	5G,5N	1	106898703	MPA6B	PACK,CIRCUIT FE CLEI=E5ALALOB CLEI = E5ALALBB LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			

STOCKLIST CONTINUED ON SHEET D3

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1104	5S,5T	1	107730517	MPA6B	PACK,CIRCUIT FE CLEI=E5ALALDB CLEI = E5ALALHB LEFT EQPT POS 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS 114,120,126, 132,170,176, 182,188			
1110	4D	1	106463193	MPA7	PACK,CIRCUIT CLEI = E5PQ99KA LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1112	4H,4P	1	106898737	MPA7B	PACK,CIRCUIT FE CLEI=E5AL9KBB FE CLEI=E5AL9K0B CLEI = E5AL9KJB LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1120	5D	1	106463201	MPA8	PACK,CIRCUIT CLEI = E5PQACCA LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1122	5H,5P	1	106898752	MPA8B	PACK,CIRCUIT FE CLEI=E5ALAKOB CLEI = E5ALAKBB LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1130	6A	1	106276025	MPU1	PACK,CIRCUIT CLEI = E5AL6G0C LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1135	3B,3D	1	106761133	MC5D097A-3E	PACK,CIRCUIT,MICROCODED FE CLEI=E5MQAF2A FE CLEI=E5MQACPA CLEI = E5MQAG8A LEFT EQPT POS-04-026,050 (TN844) RIGHT EQPT POS-04-140,164			
1140	BL1	1	106247034	178D	BLANK,APPARATUS PRNTD WIRING BOARD SPACES POS 5,6,7,8			
1150	BL2	1	106247026	178C	BLANK,APPARATUS PRNTD WIRING BOARD SPACES POS 1,2,3,4,9,10, 11,12			
1155	F1	1	848194882		KIT,APPARATUS BLANK			
1160	7A 7B 8A 8B 9A 9B	1	ED5D585-29,G37, G37, G37, G37, G37, G37		ASSEMBLY, BACKPLANE CONNECTOR			15 16 17
1170	L1	1	ED5D768-10,G1, G3		LABEL, DESIGNATION STRIP			
1171	L1A	1	ED5D768-10,G1, G13		LABEL, DESIGNATION STRIP			
1180	L2	1	ED5D768-10,G2, G4		LABEL, DESIGNATION STRIP			

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

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1181	L2A	1	ED5D768-10,G2, G14		LABEL, DESIGNATION STRIP			
1190	L3	1	ED5D768-10,G1, G5		LABEL, DESIGNATION STRIP			
1191	L3A	1	ED5D768-10,G1, G15		LABEL, DESIGNATION STRIP			
1200	L4	1	ED5D768-10,G2, G6		LABEL, DESIGNATION STRIP			
1201	L4A	1	ED5D768-10,G2, G16		LABEL, DESIGNATION STRIP			
1210	L5	1	ED5D768-10,G1, G7		LABEL, DESIGNATION STRIP			
1211	L5A	1	ED5D768-10,G1, G17		LABEL, DESIGNATION STRIP			
1220	L6	1	ED5D768-10,G2, G8		LABEL, DESIGNATION STRIP			
1221	L6A	1	ED5D768-10,G2, G18		LABEL, DESIGNATION STRIP			
1230	L7	1	ED5D768-10,G1, G9		LABEL, DESIGNATION STRIP			
1231	L7A	1	ED5D768-10,G1, G19		LABEL, DESIGNATION STRIP			
1240	L8	1	ED5D768-10,G2, G10		LABEL, DESIGNATION STRIP			
1241	L8A	1	ED5D768-10,G2, G20		LABEL, DESIGNATION STRIP			
1250	L9	1	ED5D768-10,G1, G11		LABEL, DESIGNATION STRIP			
1251	L9A	1	ED5D768-10,G1, G21		LABEL, DESIGNATION STRIP			
1260	L10	1	ED5D768-10,G2, G12		LABEL, DESIGNATION STRIP			
1261	L10A	1	ED5D768-10,G2, G22		LABEL, DESIGNATION STRIP			
1270	B	1	847077823		KIT,FINAL ASSEMBLY			*/
1275	D	1	847369261		KIT,FINAL ASSEMBLY			
1280	4J,4Q	1	106926264	MPA9B	PACK,CIRCUIT FE CLEI=E5AL4BOB CLEI = E5AL4BBB LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1290	5J,5Q	1	106926280	MPA10B	PACK,CIRCUIT FE CLEI=E5AL5BOB CLEI = E5AL5BBB LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			

STOCKLIST CONTINUED ON SHEET D4

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5ESS SWITCHING EQUIPMENT SPECIFICATION  
FOR REMOTE LINE GROUP UNIT

BT10

DWG SIZE C2 ISSUE 32

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1300	4K,4R	1	106926306	MPA11B	PACK,CIRCUIT FE CLEI=E5AL4JOB CLEI = E5AL4J3B LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1310	5K,5R	1	106926314	MPA12B	PACK,CIRCUIT FE CLEI=E5AL5JOB CLEI = E5AL5JBB LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1320	6B,6C	1	106736705	MPULB	PACK,CIRCUIT FE CLEI=E5ICCC0A CLEI = E5ICCCBA LEFT EQPT POS - 000,006,012, 018,056,062, 068,074 RIGHT EQPT POS - 114,120,126, 132,170,176, 182,188			
1330	10A,10B	1	106276017	MPT1	PACK,CIRCUIT CLEI = E5AL800D LEFT EQPT POS - 000,012,056 068 RIGHT EQPT POS - 114,126,170 182			
1340	C	1	847246709		KIT,FINAL ASSEMBLY			*/
1350	L11	1	ED5D768-10,G1, G23		LABEL, DESIGNATION STRIP			
1360	L12	1	ED5D768-10,G2, G24		LABEL, DESIGNATION STRIP			
1370	L13	1	ED5D768-10,G1, G25		LABEL, DESIGNATION STRIP			
1380	L14	1	ED5D768-10,G2, G26		LABEL, DESIGNATION STRIP			
1390	L15	1	ED5D768-10,G27		LABEL, DESIGNATION STRIP			
1400	L16	1	ED5D768-10,G28		LABEL, DESIGNATION STRIP			
1410	L17	1	ED5D768-10,G29		LABEL, DESIGNATION STRIP			
1415	E	1	847398609		KIT,FINAL ASSEMBLY			
1420	F	1	847398617		KIT,FINAL ASSEMBLY			
1425	G	1	847398633		KIT,FINAL ASSEMBLY			
1430	11A	1	106926330	MPA14B	PACK,CIRCUIT CLEI = E5ALCE8B			
1435	11B	1	107106890	MPA23	PACK,CIRCUIT FE CLEI=E5ALCH0B CLEI = E5ALCHJB			
1440	11C	1	107106940	MPA27	PACK,CIRCUIT FE CLEI E5ALCCJB FE CLEI=E5ALCC0B CLEI = E5ALCCPB			
1445	11D	1	107359770	MPA17B	PACK,CIRCUIT FE CLEI=E5AL8BOB CLEI = E5AL8BBB			
1450	11E	1	107359788	MPA18B	PACK,CIRCUIT FE CLEI=E5ALCB8B CLEI = E5ALCBBB			
1455	11F	1	107106858	MPA21	PACK,CIRCUIT FE CLEI=E5ALCG0B CLEI = E5ALCGGB			
1460	11G	1	107106924	MPA25	PACK,CIRCUIT CLEI = E5ALCE0B			
1465	11H	1	107106973	MPA29	PACK,CIRCUIT FE CLEI=E5ALCM0B CLEI = E5ALCMGB			

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

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1470	11K	1	107106916	MPA24	PACK,CIRCUIT CLEI = E5ALDB0B			
1475	11J	1	107359762	MPA16B	PACK,CIRCUIT CLEI = E5ALB0B			

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

TABLE D6

MODIFY TAG: RLG

TABLE D6 - NSI TYPE DESIGNATION LABEL		
UNIT ATTRIBUTES		REFERENCE CODE
COUNTRY	OTHER	847466406

TABLE D9

LIST	ASSOCIATED D LIST	ED GROUP FOR LABEL	NOTE
1E	D1	ED5D768-10,G27	23,26
1E	D2	ED5D768-10,G28	24,26
1F		ED5D768-10,G29	25,26
1G		ED5D768-10,G29	25,26

NOTE 23: BASIC FRONT LABEL INFORMATION FOR RLG MOUNTED ON LEFT SIDE OF CABINET ONLY.  
NOTE 24: BASIC FRONT LABEL INFORMATION FOR RLG MOUNTED ON RIGHT SIDE OF CABINET ONLY.  
NOTE 25: FRONT LABEL REQUIRED WHEN RLG IS MOUNTED IN A 500EA HOUSING.  
NOTE 26: THIS UNIT DOES NOT REQUIRE A REAR LABEL.

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