

ENGINEERING NOTES

- 51. RESERVED.
- 52. FOR ORDERING PURPOSES ALL FEATURE RTU LISTS REFERENCED TO THIS NOTE MUST ALWAYS BE SUFFIXED WITH AN APPLICATION CODE LETTER 'R' OR 'S'; E.G., 'MAPR' OR 'MAPS'. FOLLOWING IS A DESCRIPTION OF THESE APPLICATION CODE LETTERS:
 R - INITIAL ORDER, SM GROWTH AND/OR FEATURE ADDITIONS IN EXISTING OFFICES.
 S - FEATURES PURCHASED FOR THE FIRST TIME WHEN RETROFITTING TO 5E4(2).
 FOR INITIAL ORDERS OF SM GROWTH ('R' SUFFIX), RTU FEES MUST BE SHIPPED AT HARDWARE MAIN SHIP DATE (MSD). (I.E., 3B20 DUPLEX COMPUTER FOR NEW OFFICES AND SWITCHING MODULE FOR GROWTH OFFICES).
- 53. FOR ORDERING PURPOSES ALL FEATURE RTU LISTS REFERENCED TO THIS NOTE MUST ALWAYS BE SUFFIXED WITH AN APPLICATION CODE LETTER 'R', 'S' OR 'U'; E.G., 'MPBR' OR 'MPBU'. FOLLOWING IS A DESCRIPTION OF THESE APPLICATION CODE LETTERS:
 R - INITIAL ORDER, SM GROWTH AND/OR FEATURE ADDITIONS IN EXISTING OFFICES.
 S - FEATURES PURCHASED FOR THE FIRST TIME WHEN RETROFITTING TO 5E4(2).
 U - FEATURE UPGRADE OR CONVERSION
 FOR INITIAL ORDERS OR SM GROWTH ('R' SUFFIX), RTU FEES MUST BE SHIPPED AT HARDWARE MAIN SHIP DATE (MSD). (I.E., 3B20 DUPLEX COMPUTER FOR NEW OFFICES AND SWITCHING MODULE FOR GROWTH OFFICES).
- 54. LISTS 'MA' THROUGH 'MP' AND 'M1' THROUGH 'M24' DO NOT REQUIRE AN APPLICATION CODE LETTER SUFFIX.
- 55. TAPES MUST BE IDENTIFIED IN THE 'B' SECTION OF THE JOB SPECIFICATION; E.G., TP-ODD-1234-03-02 IDENTIFIES A TAPE (TP) WHICH PROVIDES MAGNETIZING INFORMATION FOR OFFICE DEPENDENT DATA (ODD) FOR AN OFFICE WITH BASE NUMBER (1234) IN A 2-WIRE CONTROL GROUP (03) AND THIS TAPE IS THE SECOND (02) SUCH MAGNETIZING TAPE TO BE ISSUED FOR THE CONTROL GROUP.
- 56. ON INITIAL ORDERS ONLY ONE COPY OF THE TOP, AM AND SM GENERIC, ECD, VTOC AND ODD TAPES ARE REQUIRED. FOR RETROFIT ORDERS, ONE COPY OF THE TOP, 2 COPIES OF THE (AM) AND (SM) GENERIC, ODD AND NO COPIES OF THE ECD TAPES ARE REQUIRED. THE ECD SHALL BE PROVIDED PER L-MC OR L-MP. DO NOT SPECIFY L-M4 THROUGH L-M11, OR L-M15 THROUGH L-M22 FOR RETROFIT ORDERS.
- 57. DO NOT SPECIFY ANY RTU LISTS WITH DUPLICATE, SPARE OR REPLACEMENT TAPES.
- 58. THE TERM 'EXTENDED OFFICE' AS USED IN THIS DOCUMENT SHALL MEAN THE EQUIPMENT AT BOTH THE HOST SITE AND THE EQUIPMENT AT THE REMOTE SITE(S). THEREFORE, WHEN THE PHRASE 'PER SM PER EXTENDED OFFICE' IS USED, IT REFERS TO ALL HOST AND REMOTE SWITCHING MODULES. WHEN THE PHRASE 'PER SM PER SITE' IS USED, IT REFERS ONLY TO THE SM'S AT THE HOST SITE OR THE SM'S AT THE REMOTE SITE. THE OTC MUST GET BILLED ONCE AND ONLY ONCE FOR EACH SM IN THE EXTENDED OFFICE FOR EACH EXTENDED OFFICE FEATURE REQUESTED.
- 59. THE BASE GENERIC RTU LIST INCLUDES EITHER A LOCAL OR TOLL OPTIONAL FEATURE AND ONE BILLING OPTION AMAT,CAMA OR LAMA. IF A SECOND BILLING OPTION IS REQUIRED, SPECIFY L-MAB().
- 60. THE MAINTENANCE AND ADMINISTRATION FEATURE PACKAGE, L-MEA(), CONSISTS OF THE FOLLOWING FEATURES:
 LIST FEATURE
 MEB() MLT II
 MEC() ROTL
 MED() CTTU
 MEE() ALIT
 MEF() EADAS
 MEG() SES
 MEH() RMAS
 MEJ() NO.2 SCCS
 MEK() BASIC TRK & LN MTCE
 MEL() EXTND MTCE & ADMIN
- 61. THE CIVIC SERVICES FEATURE PACKAGE, L-MBA(), CONSISTS OF THE FOLLOWING FEATURES:
 LIST FEATURE
 MBB() E911
 MBC() TRC
- 62. THE ENHANCED MAINTENANCE AND ADMINISTRATION FEATURE, L-MEN(), INCLUDES TOLL MAINTENANCE AND ADMINISTRATION FEATURES IN ADDITION TO THE LOCAL MAINTENANCE AND ADMINISTRATION FEATURES, L-MEA().
- 63. WHEN GROWING SMS IN AN OFFICE THAT TURNED OVER ON 5E1(2) OR EARLIER, RTU LISTS FOR THE FOLLOWING UNBUNDLED FEATURES NOT REQUESTED BY THE OTC SHALL NOT BE SPECIFIED IN THE JOB SPEC OR ON THE WIRING LIST FOR THE GROWTH SMS:
 LIST FEATURE
 ----- CONTINUED ON NEXT SHEET -----

ISSUE NOTES (CONTINUED)

IN TABLE A, LIST MHA RATED 'DA'. THIS DRAWING IS MANUFACTURED DISCONTINUED.
 ORIG ISS: 08/18/87 CHANGE CLASS: M
 DRAFT: RRH ENGR: RRH SUPV: FNG CERTIFIED: 06/29/98 ISSUE: 35

ISSUE NOTES (CONTINUED)

TABLE A: LISTS MML AND MMM ADDED, LIST MXA RATING WAS STANDARD. ENGINEERING NOTES 157 AND 158 ADDED.
 ORIG ISS: 08/18/87 CHANGE CLASS: M
 DRAFT: RAM ENGR: RAM SUPV: SDS CERTIFIED: 10/23/89 ISSUE: 26

ENGINEERING NOTE 89 REMOVED AND READ AS FOLLOWS 'THIS RTU FEATURE PACKAGE IS APPLICABLE ONLY TO BELL ATLANTIC OFFICES SHIPPING 1/1/87 THROUGH 9/30/88'. REF TO NOTE 89 REMOVED FROM TABLE A LIST MFH AND MFJ.
 ORIG ISS: 08/18/87 CHANGE CLASS: M
 DRAFT: EAK ENGR: EAK SUPV: CERTIFIED: 03/19/90 ISSUE: 27

ENGINEERING NOTE 56 CORRECTED TO CONFORM AS TO THE NUMBER OF TAPES REQUIRED FOR RETROFIT ORDERS.
 ORIG ISS: 08/18/87 CHANGE CLASS: M
 DRAFT: PKK ENGR: EAK SUPV: CERTIFIED: 08/30/90 ISSUE: 28

IN TABLE A LISTS MDU, MEV, MEW AND MEX ADDED.
 ORIG ISS: 08/18/87 CHANGE CLASS: M
 DRAFT: PKK ENGR: EAK SUPV: CERTIFIED: 03/22/91 ISSUE: 29

IN TABLE A LIST MEW "VIRTUAL PRIVATE NETWORK" READ "V-PATH". LIST MIG REFERENCE TO NOTE 98 REMOVED, LISTS MKB,MKF AND MKG REFERENCE TO NOTE 88 ADDED.
 ORIG ISS: 08/18/87 CHANGE CLASS: M
 DRAFT: PKK ENGR: EAK SUPV: CERTIFIED: 04/24/91 ISSUE: 30

ENGINEERING NOTE 51 REMOVED AND NOTE 95 CHANGED.
 ORIG ISS: 08/18/87 CHANGE CLASS: M
 DRAFT: PKK ENGR: EAK SUPV: CERTIFIED: 07/25/91 ISSUE: 31

ENGINEERING NOTE 159 ADDED. IN TABLE A LISTS 1,5,A,B,C,D, M12 THRU M18, M23,M24,MD,ME,MF, MAB THRU MAG, MAJ THRU MAQ, MSA,MSB, MSC,MCA,MCB,MCC, MDA THRU MDU, MEA THRU MEX, MEK, MEB THRU MHH, MIA THRU MIG, MKA THRU MKH, MMM,MZA,MZB, MZC AND MZD RATED "DA" DISCONTINUED AVAILABILITY. RATING OF THESE LISTS INITIATED PER CIR # 235-099-227NP.
 ORIG ISS: 08/18/87 CHANGE CLASS: M
 DRAFT: PKK ENGR: EAK SUPV: CERTIFIED: 05/08/92 ISSUE: 32

IN TABLE A LISTS MWU AND MWV ADDED.
 ORIG ISS: 08/18/87 CHANGE CLASS: M
 DRAFT: RRH ENGR: RRH SUPV: EJZ CERTIFIED: 05/14/96 ISSUE: 33

IN TABLE A, LISTS MWU AND MWV RATED 'DA'.
 ORIG ISS: 08/18/87 CHANGE CLASS: M
 DRAFT: RRH ENGR: RRH SUPV: EJZ CERTIFIED: 05/15/96 ISSUE: 34

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BT13
 5ESS* SWITCHING EQUIPMENT
 SPECIFICATION FOR
 3B20* DMERT OPERATION SYSTEM,
 5E4(2) APPLICATION
 SOFTWARE, LIBRARY TOOLS, EQUIPMENT
 CONFIGURATION DATA, AND OFFICE DEPENDENT
 DATABASE FOR GENERIC PROGRAM 5E4(2)
 PG-5D009
 *AT&T TRADEMARK

DWG SIZE C2 ISSUE 35

ENGINEERING NOTES

***** CONTINUED *****

- D4 CHANNEL EQUIPMENT.
87. BRCS IV FEATURE PACKAGE L-MFE & L-MGE INCLUDES THE BRCS IV ETS L-MFF & L-MGF AND THE BRCS IV AP L-MFG & L-MGG FEATURE PACKAGES.
88. THIS RTU FEATURE PACKAGE IS APPLICABLE ONLY TO AT&T - NSD OFFICES.
89. REQUIRES BRCS I AND II FOR 5E2(1) FEATURES; BRCS I, II AND III FOR 5E2(2) FEATURES; AND BRCS I, II, III AND IV FOR 5E3 AND 5E4 FEATURES.
91. 4-WIRE SUBSCRIBER ACCESS REQUIRES 5E3 BRCS ADAPTATION TO DSN/AUTOVON, THE BRCS I, II, III, IV AND BRCS CUSTOMIZATION PACKAGES (PER DRAWING J5D008AA-1) FOR MLPP CAPABILITY.
92. IN ORDER TO IMPLEMENT SSP/800 SERVICE, THE SERVICE SWITCHING POINT (L-MDK), TRANSACTION CAPABILITY (L-MDL), AND 800 NUMBER SERVICES (L-MDM) FEATURES ARE REQUIRED. ADDITIONALLY, ALL OF THESE FEATURES REQUIRE CCS7 SIGNALING.
93. THIS FEATURE PACKAGE REQUIRES A BASE BRCS PACKAGE PER DRAWING J5D008AA-1. ADDITIONALLY THE ISDN I PACKAGE (L-MIA) IS REQUIRED WHEN DATA SERVICE IS ADDED TO ANY MBKS SERVICE.
94. THIS FEATURE PACKAGE REQUIRES A BASE BRCS PACKAGE PER DRAWING J5D008AA-1 AS WELL AS THE ISDN I PACKAGE (L-MIA).
95. THIS FEATURE PACKAGE REQUIRES A BASE BRCS PACKAGE. ADDITIONALLY THE ISDN I PACKAGE (L-MIA) MBKS BASIC (LIST MIB) OR MBKS DELUXE (LIST MIC) IS REQUIRED.
96. THIS FEATURE PACKAGE REQUIRES THE BRCS I, II, III, IV AND CUSTOMIZATION PACKAGES PER DRAWING J5D008AA-1. ADDITIONALLY THE ISDN I PACKAGE IS ALSO REQUIRED.
97. THE ANLB (L-MAN) AND AUTO RATE QUOTATION (L-MAP) RTU PACKAGES ARE APPLICABLE PER POSITION FOR ALL POSITIONS EQUIPPED FOR TOLL ASSIST & COIN (L-MAM). THE IPAM INTERFACE (L-MAQ) RTU PACKAGE IS APPLICABLE TO ALL POSITIONS EQUIPPED FOR DA (L-MAJ) AND TOLL ASSIST & COIN (L-MAM).
98. THIS SOFTWARE PACKAGE REQUIRES A BASE BRCS PACKAGE PER DRAWING J5D008AA-1. HOWEVER, A BASE BRCS PACKAGE IS NOT REQUIRED WHEN THE ISDN I PACKAGE IS APPLIED IN AN OSPS ENVIRONMENT.
99. OPTIONAL FEATURE. IF FEATURE IS ORDERED, IT IS REQUIRED ONCE PER OFFICE.
100. RTU LISTS SHALL BE SHOWN AS POINT ITEMS IN THE 'B' SECTION OF THE JOB SPEC FOR RETROPIT ORDERS.
EXAMPLE:
S 2 J5D008J-1 L-1
E/W
2 L-M1
S 1 J5D008J-1 L-3
E/W
1 L-M2
21 L-MAAS
21 L-MAES
21 L-MAGS
S 1 J5D008J-1 L-3
E/W
1 L-M2
S 2 J5D008J-1 L-A
E/W
2 L-MB
S 2 J5D008J-1 L-A
E/W
2 L-MC
151. VTOC TAPES WERE ORIGINALLY ORDERED AS A SEPARATE ENTITY. THEY NOW HAVE BEEN INTEGRATED INTO THE 'AM TEXT' TAPE.
152. SOFTWARE PACKAGES REFERENCED TO THIS NOTE ARE NO LONGER AVAILABLE FROM THIS DRAWING. EQUIVALENT REPLACEMENT SOFTWARE PACKAGES ARE AVAILABLE FROM DRAWING J5D008AA-1.
153. LIST MAA WAS RATED 'DA' AND WAS REPLACED BY LIST MZA() FOR THE OPERATING SYSTEM PORTION (INITIAL ORDER OR SM GROWTH) AND LIST MZB() FOR THE APPLICATIONS SYSTEM PORTION (INITIAL ORDER, SM GROWTH OR RETROPIT ORDER) OF THE 5E4.2 BASE GENERIC SOFTWARE.
154. WHEN RETROFITTING MZB(R) AND MZD(R) TO THE NEXT HIGHER LEVEL GENERIC, LIST MZB(S) IS TO BE ORDERED.
155. LIST A IS ONLY TO BE ORDERED WHEN ORDERING 6250 BPI ODD, ECD OR GENERIC TAPES.
156. THE COMMERCIAL ACD FEATURE IS PURCHASED INSTEAD OF THE BASIC
----- CONTINUED ON NEXT SHEET -----

ENGINEERING NOTES

***** CONTINUED *****

| 5E4(2) OPTIONAL DISK CAPACITIES (MEGABYTES) | | |
|---|-----|-----|
| OPTION | ODD | AMA |
| 1 | 0 | 264 |
| 2 | 128 | 128 |
| 3 | 256 | 0 |

76. 1/1A ESS SWITCH TO 5ESS SWITCH DATA CONVERSION IS INITIALLY ORDERABLE IN A MINIMUM QUANTITY (CALCULATED PER EXTENDED OFFICE) OF 10,000 LINES AND, FOR LINES IN EXCESS OF 10,000, IN MULTIPLES OF 1000 LINES.
77. THIS FEATURE REQUIRES THE OPTIONAL TOLL FEATURE PACKAGE (L-MAC) FOR LOCAL OFFICES.
78. FOR ORDERING PURPOSES ALL FEATURE RTU LISTS REFERENCED TO THIS NOTE MUST ALWAYS BE SUFFIXED WITH AN APPLICATION CODE LETTER 'R', 'S', 'E' OR 'F'; E.G. 'MCAR' OR MCAS'. FOLLOWING IS A DESCRIPTION OF THESE APPLICATION LETTERS:
R - INITIAL ORDER OR SM GROWTH.
S - PURCHASE FOR THE FIRST TIME WHEN RETROFITTING TO 5E4(2).
E - INITIAL ORDER OR SM GROWTH FOR THE METRO DIGITAL TRANSITION PROGRAM (1A ESS SWITCH CAPPING).
F - PURCHASE FOR THE FIRST TIME WHEN RETROFITTING TO 5E4(2) FOR THE METRO DIGITAL TRANSITION PROGRAM (1A ESS SWITCH CAPPING).
79. THIS RTU FEATURE PACKAGE IS ONLY AVAILABLE TO NYNEX OFFICES.
80. THE BRCS II FEATURE PACKAGE REQUIRES BRCS I. THE BRCS III FEATURE PACKAGE REQUIRES BRCS I AND II. THE BRCS IV FEATURE PACKAGE REQUIRES BRCS I, II AND III.
81. THIS RTU FEATURE PACKAGE IS ONLY APPLIED TO THE INTER-EXCHANGE CARRIER.
82. THIS RTU FEATURE PACKAGE IS ONLY APPLIED TO THE LOCAL EXCHANGE CARRIER (LEC).
83. BILLING FOR BRCS PER LINE CONVERSION TO BRCS PER SM SHOULD BE DONE USING THE FOLLOWING ALGORITHM.
EXAMPLE: L-MFB(U) = {L-MFB (R OR S) X SM QUANTITY} - L-MGB (R OR S) X LINE QUANTITY PREVIOUSLY PAID}
ONCE THE CUSTOMER CHOOSES OR CONVERTS TO THE BRCS PER SM BILLING OPTION FOR A PARTICULAR OFFICE, THE BRCS PER LINE BILLING OPTION IS NO LONGER AVAILABLE FOR THAT OFFICE.
84. FOR ORDERING PURPOSES, ALL FEATURE RTU LISTS REFERRED TO THIS NOTE MUST ALWAYS BE SUFFIXED WITH AN APPLICATION CODE LETTER 'U' FEATURE UPGRADE OR CONVERSION. E.G., 'MHEU'. FOLLOWING IS A DESCRIPTION OF THE APPLICATION CODE LETTER:
U - FEATURE UPGRADE OR CONVERSION.
85. RTU LISTS SHALL BE SHOWN AS MAIN ITEMS IN THE 'B' SECTION OF THE JOB SPEC FOR INITIAL ORDERS, SM GROWTH, FEATURE ADDITIONS, AND FEATURE UPGRADES OR CONVERSIONS. EXAMPLE 1.
INITIAL ORDER
S 1 J5D008J-1 L-1
E/W
1 L-M1
S 1 J5D008J-1 L-2
E/W
L-M2
S 1 J5D008J-1 L-1
E/W
L-M3
S 1 J5D008J-1 L-A
E/W
L-MA
S 1 J5D008J-1 L-A
E/W
L-MB
S 13 J5D008J-1 L-MAAR
S 13 J5D008J-1 L-MADR
S 13 J5D008J-1 L-MAFR
S 13 J5D008J-1 L-MEAR
S 13 J5D008J-1 L-MFAR
S 143 J5D008J-1 L-MGBR
S 8 J5D008J-1 L-MAAR
S 8 J5D008J-1 L-MADR
S 21 J5D008J-1 L-MBAR
86. BRCS PER TRUNK FEATURES ARE APPLICABLE TO DIGITAL TRUNKS WHICH ARE TERMINATED TO 4-WIRE TELEPHONE SETS OR CPE EQUIPMENT VIA
----- CONTINUED TO THE LEFT -----

ENGINEERING NOTES

***** CONTINUED *****

- MAB() 2ND BILLING OPTION
MEA() MAINTENANCE AND ADMINISTRATION
MAD() NM
MAE() EXTENDED NM
MBA() CIVIC SERVICES

64. EACH PAIR OF 300 MBYTE DISKS AFTER THE FIRST PAIR ADDS 250 MBYTE OF AMA SPACE OR 5.4 MILLION BILLED CALLS. EACH PAIR OF 340 MBYTE DISKS AFTER THE FIRST PAIR ADDS 275 MBYTE OF AMA SPACE OR 6.0 MILLION BILLED CALLS.
65. THE PBX RTU PROVIDES THE CUSTOMER PREMISES RTU FOR PBX APPLICATION ONLY. IT INCLUDES THE BASIC RTU L-MZA() OPERATING SYSTEM AND L-MZB() APPLICATION SYSTEM. IT IS NOT NECESSARY TO ORDER L-MZA() AND L-MZB() IN ADDITION TO L-MZC() AND L-MZD() FOR PBX APPLICATIONS.
66. THE EXTENDED NETWORK MANAGEMENT FEATURE PROVIDES AN ON-SITE INTERFACE WHICH IS AN ALTERNATIVE TO EADAS.
67. THE DCIS6 FEATURE PROVIDES DIRECT SIGNALING TO A NCP DATA BASE FOR TOLL OFFICES. ORIGINATING SCREENING OFFICE (OSO) INWATS AND NETWORK CALL DENIAL (NCD) REQUIRE DCIS6, CCIS6, CCIS6/OR CCS7. THE NCP DATA BASE IS REQUIRED FOR THESE FEATURES.
68. BRCS 'PER LINE' (OR TRUNK) FEATURES ARE INITIALLY ORDERABLE IN A MINIMUM QUANTITY (CALCULATED PER EXTENDED OFFICE) OF 100 LINES AND, FOR SUBSEQUENT ORDERS, IN MULTIPLES OF 100 LINES. THE CALCULATION OF THE 100 LINE MINIMUM IS PER EXTENDED OFFICE (I.E., THE TOTAL NUMBER OF BRCS LINES ORDERED FOR HOST AND REMOTE SM'S IS INCLUDED IN MEETING THE 100 LINE MINIMUM REQUIREMENT). FOR EXAMPLE, IF 25 LINES OF BRCS IS ORDERED FOR AN RSM AND 75 LINES OF BRCS FOR ITS HOST OFFICE, THE 100 LINE MINIMUM REQUIREMENT IS SATISFIED.
69. THE COMMON CHANNEL SIGNALING SYSTEM 6 AND SYSTEM 7 FEATURE PACKAGE CONSISTS OF THE FOLLOWING FEATURES:
LIST FEATURE
MDF() CCS6 (ECIS6/CCI56)
MDG() CCS7
70. THE DSN-MFS FEATURE PACKAGE PROVIDES THE CAPABILITY TO PERFORM BOTH THE FUNCTIONS OF AN AUTOVON II END OFFICE AND THE FUNCTIONS OF THE AUTOVON TANDEM CLASS 4/5 OFFICE. IT REQUIRES THE BRCS I, II, III, IV AND BRCS CUSTOMIZATION PACKAGES, PER DRAWING J5D008AA-1, AND CONSISTS OF:
LIST FEATURE
MHC() AUTOVON II
MHD() AUTOVON TANDEM
71. THE AUTOVON II FEATURE PROVIDES PRECEDENCE AND PRE-EMPTION CAPABILITY FOR CALLS WITHIN THE AUTOVON INTERFACE SWITCH, AS WELL AS FOR CALLS THAT INTERFACE WITH THE AUTOVON NETWORK (CLASS 5) SWITCH. THIS FEATURE REQUIRES THE BRCS I, II, III, IV AND BRCS CUSTOMIZATION PACKAGES, PER DRAWING J5D008AA-1.
72. FOR ORDERING PURPOSES, ALL FEATURE RTU LISTS REFERENCED TO THIS NOTE MUST ALWAYS BE SUFFIXED WITH AN APPLICATION CODE LETTER 'R'; E.G., 'MAKR'. FOLLOWING IS A DESCRIPTION OF THE APPLICATION CODE LETTER:
R-INITIAL ORDER OR SM GROWTH
FOR INITIAL ORDERS ('R' SUFFIX), RTU FEES MUST BE SHIPPED AT HARDWARE MAIN SHIP DATE (MSD). (I.E., 3B20 DUPLEX COMPUTER FOR NEW OFFICES).
73. OFFICES USING KEYSTONE III TAPE DRIVES SHOULD SPECIFY 6250 BPI TAPES (AVAILABLE MARCH 1, 1986).
74. THE STAND-ALONE FEATURE DOES NOT APPLY TO ORM.
75. THE FOLLOWING CHART SHOULD BE USED FOR DISK PAIR ENGINEERING:
5E4(2)
DISK CONFIGURATION CAPACITIES (MB)
CONFIGURATION DISKS BASE ODD MAX ODD MAX SM'S BASE AMA MAX
300A(SMALL) 2 64 64 25 65 65
340A(SMALL) 2 60 180 80 83 1403
340B(MED) 2 108 228 100 29 1349
340C(LARGE) 3 248 496 192 140 1196
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- 5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR
3B20* DMERT OPERATION SYSTEM,
5E4(2) APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E4(2)
PG-5D009
*AT&T TRADEMARK
- DWG SIZE C2 ISSUE 35
- AT&T J5D008J-1 SHEET A3 OF 13

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 |
| ONE BLANK MAGNETIC TAPE (FULL REEL, 9 TRACK, 1600 BPI) DA EFF:04/30/92 FE/RA:NONE | | DA | 1 | | | | | | | | |
| TWO BLANK MAGNETIC TAPES (FULL REEL, 9 TRACK, 1600 BPI) DA EFF:03/09/89 FE/RA:NONE | | DA | 2 | | | | | | | | |
| ONE BLANK MAGNETIC TAPE (MINI REEL, 9 TRACK, 1600 BPI) DA EFF:03/09/89 FE/RA:NONE | | DA | 3 | | | | | | | | |
| THREE BLANK MAGNETIC TAPES (FULL REEL, 9 TRACK, 1600 BPI) DA EFF:03/09/89 FE/RA:NONE | | DA | 4 | | | | | | | | |
| FOUR DOUBLE-SIDED, DOUBLE-DENSITY 96 TRACK PER INCH 5 1/4 INCH DISKETTES. DA EFF:04/30/92 FE/RA:NONE | | DA | 5 | | | | | | | | |
| ONE BLANK MAGNETIC TAPE (FULL REEL, 9 TRACK, 6250 BPI) DA EFF:04/30/92 FE/RA:NONE | 155 | DA | A | | | | | | | | |
| EIGHT BLANK MAGNETIC TAPES REQUIRED WHEN RETROFITTING TO THE 5E4(2) GENERIC. (SEE TABLE AB). (6250 BPI) DA EFF:04/30/92 FE/RA:NONE | | DA | B | | | | | | | | |
| FOUR BLANK MAGNETIC TAPES REQUIRED IN ADDITION TO LIST B WHEN RETROFITTING TO THE 5E4(2) GENERIC. (SEE TABLE AB). (6250 BPI). DA EFF:04/30/92 FE/RA:NONE | | DA | C | | | | | | | | |
| ONE BLANK MAGNETIC TAPE (MINI REEL) 9 TRACK WITH AN INFORMATION DENSITY OF 6250 BPI. DA EFF:04/30/92 FE/RA:NONE | | DA | D | | | | | | | | |
| REQUIRED IN ADDITION TO LIST 3 FOR MAGNETIZATION FOR THE 5E4(2) GENERIC TAPE OPERATING PROGRAM. (1600 BPI) DA EFF:03/09/89 FE/RA:NONE | 54 56 151 | DA | M1 | | TP-5D009-01 (ZZ.ZZ) VOL. 1 | | | | | | |
| REQUIRED IN ADDITION TO LIST 4 FOR MAGNETIZATION OF DATA FOR (AM) ADMINISTRATIVE MODULE GENERIC PROGRAM. (1600 BPI) REQUIRED ONCE PER OFFICE. DA EFF:03/09/89 FE/RA:NONE | 54 56 | DA | M2 | | TP-5D009-02 (ZZ.ZZ) VOL. 1 TP-5D009-02 (ZZ.ZZ) VOL. 2 TP-5D009-02 (ZZ.ZZ) VOL. 3 | | | | | | |
| REQUIRED IN ADDITION TO LIST 2, FOR MAGNETIZATION FOR THE TEXT DATA FOR (SM) SWITCHING MODULE GENERIC PROGRAM. (1600 BPI) (REQUIRED ONCE PER OFFICE) DA EFF:03/09/89 FE/RA:NONE | 54 56 64 75 | DA | M3 | | TP-5D009-03 (ZZ.ZZ) VOL. 1 TP-5D009-03 (ZZ.ZZ) VOL. 2 | | | | | | |
| REQUIRED IN ADDITION TO LIST 3, FOR MAGNETIZATION FOR THE EQUIPMENT CONFIGURATION DATA ARRANGED FOR OFFICES WITH A 300A (SMALL) DISK CONFIGURATION. (1600 BPI) DA EFF:03/09/89 FE/RA:NONE | 54 56 64 | DA | M4 | | TP-5D009-04 (ZZ.ZZ) VOL. 1 | | | | | | |
| REQUIRED IN ADDITION TO LIST 3, EQUIPMENT CONFIGURATION DATA ARRANGED FOR OFFICES WITH A 340A (SMALL) DISK CONFIGURATION. (1600 BPI). DA EFF:03/09/89 FE/RA:NONE | 75 | DA | M5 | | TP-5D009-05 (ZZ.ZZ) VOL. 1 | | | | | | |

TABLE-A CONTINUED

J5D008J-1

ENGINEERING NOTES

***** CONTINUED *****

AUTOMATIC CALL DISTRIBUTOR (ACD) FEATURE (L-MAL) WHEN THE TELCO WILL RESELL ACD SERVICE TO END (CENTREX) USERS.

157. THIS IS A SECURED FEATURE.

158. THE 1/1A ESS SWITCH TO 5ESS SWITCH CONVERSION FEATURE LIST MVA(R) AND RIGHT-TO-USE FEE HAS BEEN DROPPED FROM ALL GENERICS. NETWORK SYSTEMS ENGINEERING, SINCE ASSUMING CONTROL OF 5ECONV, WILL ALSO ASSUME THE BILLING RESPONSIBILITY FOR THE CONVERSION PROCESS.

159. EFFECTIVE APRIL 30, 1992, THE 5ESS SWITCH SOFTWARE SUPPORT PLAN PRODUCT RATINGS FOR THE 5E4.2 RELEASE ARE AS FOLLOWS:

| RELEASE | DATE | SOFTWARE PRODUCT RATING |
|---------|---------|---------------------------|
| 5E4.2 | 4/30/91 | LIMITED AVAILABILITY |
| | 4/30/92 | DISCONTINUED AVAILABILITY |

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BT13

5ESS* SWITCHING EQUIPMENT SPECIFICATION FOR 3B20* DMERT OPERATION SYSTEM, 5E4(2) APPLICATION SOFTWARE, LIBRARY TOOLS, EQUIPMENT CONFIGURATION DATA, AND OFFICE DEPENDENT DATABASE FOR GENERIC PROGRAM 5E4(2) PG-5D009 *AT&T TRADEMARK

DWG SIZE C2
ISSUE 35

AT&T

J5D008J-1

SHEET A4 OF 13

| TABLE A-FEATURES (CONTINUED) | | | | | | | | | | | | |
|--|-----------------------------------|-------------|---------------------|-----|-------------------------------|------------------|-----|-----|---------------|-----|-----|--|
| EQUIPMENT | | RAT- ING | LIST OR GROUP | QTY | EQUIPMENT OR CIRCUIT DATA | | | | SD EQUIVALENT | | | |
| DESCRIPTION | REF NOTE | | | | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT | |
| REQUIRED IN ADDITION TO LIST 3, EQUIPMENT CONFIGURATION DATA ARRANGED FOR OFFICES WITH A 340B (MEDIUM) DISK CONFIGURATION. (1600 BPI). DA EFF:03/09/89 FE/RA:NONE | 75 | DA | M6 | | TP-5D009-06 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST 3, EQUIPMENT CONFIGURATION DATA ARRANGED FOR OFFICES WITH A 340C (LARGE) DISK CONFIGURATION. (1600 BPI). DA EFF:03/09/89 FE/RA:NONE | 75 | DA | M7 | | TP-5D009-07 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST 1, VTOC DATA FOR OFFICES WITH A 300A(SMALL) DISK CONFIGURATION. (1600 BPI). (SEE NOTES 54,56,64,71,74) (1600 BPI). DA EFF:11/25/87 FE/RA:NONE | 151 | DA | M8 | | TP-5D009-08 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST 1, VTOC DATA FOR OFFICES WITH A 340A(SMALL) DISK CONFIGURATION. (1600 BPI)(SEE NOTES 54,56,73) DA EFF:11/25/87 FE/RA:NONE | 151 | DA | M9 | | TP-5D009-09 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST 1, VTOC DATA FOR OFFICES WITH A 340B(MEDIUM) DISK CONFIGURATION. (1600 BPI). DA EFF:11/25/87 FE/RA:NONE | 151 | DA | M10 | | TP-5D009-10 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST 1 FOR VTOC DATA FOR OFFICES WITH A 340C(LARGE) DISK CONFIGURATION. (1600 BPI). DA EFF:11/25/87 FE/RA:NONE | 151 | DA | M11 | | TP-5D009-11 (ZZ.ZZ) | | | | | | | |
| REQUIRED IN ADDITION TO LIST D FOR MAGNETIZATION FOR THE 5E4 (2) GENERIC TAPE OPERATING PROCEDURE (TOP). (6250 BPI). DA EFF:04/30/92 FE/RA:NONE | 54 56 73 | DA | M12 | | TP5D009-12 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST A, FOR MAGNETIZATION FOR THE TEXT DATA FOR (AM)ADMINISTRATIVE MODULE, GENERIC PROGRAM. (6250 BPI)(REQUIRED ONCE PER OFFICE) DA EFF:04/30/92 FE/RA:NONE | 54 56 64 73 75 151 | DA | M13 | | TP-5D009-13 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST A, FOR MAGNETIZATION FOR THE TEXT DATA FOR (SM)SWITCHING MODULE GENERIC PROGRAM. (6250 BPI) (REQUIRED ONCE PER OFFICE) DA EFF:04/30/92 FE/RA:NONE | 54 56 64 73 | DA | M14 | | TP-5D009-14 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST D, FOR MAGNETIZATION FOR THE EQUIPMENT CONFIGURATION DATA ARRANGED FOR OFFICES WITH A 300A (SMALL) DISK CONFIGURATION. (6250 BPI) DA EFF:04/30/92 FE/RA:NONE | 54 56 64 73 75 | DA | M15 | | TP-5D009-15 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST D, EQUIPMENT CONFIGURATION DATA (ECD) ARRANGED FOR OFFICES WITH A 340A(SMALL) DISK CONFIGURA- TION. (6250 BPI) DA EFF:04/30/92 FE/RA:NONE | 75 | DA | M16 | | TP5D009-16 (ZZ.ZZ) VOL. 1 | | | | | | | |

TABLE-A CONTINUED

| TABLE A-FEATURES (CONTINUED) | | | | | | | | | | | | |
|---|----------------------|-------------|---------------------|-----|--|------------------|-----|-----|---------------|-----|-----|--|
| EQUIPMENT | | RAT- ING | LIST OR GROUP | QTY | EQUIPMENT OR CIRCUIT DATA | | | | SD EQUIVALENT | | | |
| DESCRIPTION | REF NOTE | | | | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT | |
| REQUIRED IN ADDITION TO LIST D, EQUIPMENT CONFIGURATION DATA (ECD) ARRANGED FOR OFFICES WITH 340B(MEDIUM) DISK CONFIGURATION. (6250 BPI) DA EFF:04/30/92 FE/RA:NONE | 75 | DA | M17 | | TP-5D009-17 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST D, EQUIPMENT CONFIGURATION DATA (ECD) ARRANGED FOR OFFICES WITH 340C(LARGE) DISK CONFIGURATION. (6250 BPI) DA EFF:04/30/92 FE/RA:NONE | 75 | DA | M18 | | TP-5D009-18 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST 1, VTOC DATA FOR OFFICES WITH A 300A(SMALL) DISK CONFIGURATION. (6250 BPI). DA EFF:11/25/87 FE/RA:NONE | 151 | DA | M19 | | TP-5D009-19 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST 1, VTOC DATA FOR OFFICES WITH A 340A(SMALL) DISK CONFIGURATION. (6250 BPI). DA EFF:11/25/87 FE/RA:NONE | 151 | DA | M20 | | TP-5D009-20 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST 1, VTOC DATA FOR OFFICES WITH A 340B(MEDIUM) DISK CONFIGURATION. (6250 BPI). DA EFF:11/25/87 FE/RA:NONE | 151 | DA | M21 | | TP-5D009-21 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST 1, FOR VTOC DATA FOR OFFICES WITH A 340C(LARGE) DISK CONFIGURATION. (6250 BPI). DA EFF:11/25/87 FE/RA:NONE | 151 | DA | M22 | | TP5D009-22 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST 5 FOR OSPS ADMINISTRATIVE PROCESSOR SOFTWARE. DA EFF:04/30/92 FE/RA:NONE | | DA | M23 | | TP-5D009-23 (ZZ.ZZ) VOL. 1 TP-5D009-23 (ZZ.ZZ) VOL. 2 TP-5D009-23 (ZZ.ZZ) VOL. 3 TP-5D009-23 (ZZ.ZZ) VOL. 4 | | | | | | | |
| REQUIRED IN ADDITION TO LIST 1, AMA BILLING TEST DATA MEMORY. DA EFF:04/30/92 FE/RA:NONE | 99 | DA | M24 | | TP-5D009-24 (ZZ.ZZ) VOL. 1 | | | | | | | |
| REQUIRED IN ADDITION TO LIST 1 FOR MAGNETIZATION OF DATA FOR OFFICE DEPENDENT DATA (ODD) - SLATTS. (1600 BPI) DA EFF:03/09/89 FE/RA:NONE | 54 55 56 57 | DA | MA | | TP-ODD-XXXX-YY- ZZ (SLATTS) | | | | | | | |
| REQUIRED IN ADDITION TO LIST 1 FOR MAGNETIZATION OF DATA FOR OFFICE DEPENDENT DATA (ODD) - FULL. (1600 BPI) DA EFF:03/09/89 FE/RA:NONE | 54 55 56 | DA | MB | | TP-ODD-OXXXX-YY- ZZ (FULL) | | | | | | | |

TABLE-A CONTINUED

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BT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR
3B20* DMERT OPERATION SYSTEM,
5E4(2) APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E4(2)
PG-5D009
*AT&T TRADEMARKDWG SIZE
C2ISSUE
35

J5D008J-1

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J5D008J-1

SHEET A5
OF 13

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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 | |
| REQUIRED IN ADDITION TO LIST 1 WHEN RETROFITTING TO 5E3(1). PROVIDES EVOLVED ECD TAPE. (1600 BPI) DA EFF:03/09/89 FE/RA:NONE | 54 55 56 | DA | MC | | TP-ECD-XXXX-YY- ZZ (EVOLVED ECD) | | | | | | | |
| REQUIRED IN ADDITION TO LIST A FOR MAGNETIZATION OF DATA FOR OFFICE DEPENDENT DATA (ODD) - SLATTS. (6250 BPI) DA EFF:04/30/92 FE/RA:NONE | 54 55 56 | DA | MD | | TP-ODD-XXXX-YY- ZZ (SLATTS) | | | | | | | |
| REQUIRED IN ADDITION TO LIST A FOR MAGNETIZATION OF DATA FOR OFFICE DEPENDENT DATA (ODD) - FULL. (6250 BPI) DA EFF:04/30/92 FE/RA:NONE | 54 55 56 | DA | ME | | TP-ODD-0XXXX-YY- ZZ (FULL) | | | | | | | |
| REQUIRED IN ADDITION TO LIST A WHEN RETROFITTING TO 5E4(2). PROVIDES EVOLVED ECD TAPE. (6250 BPI) DA EFF:04/30/92 FE/RA:NONE | 54 55 56 | DA | MF | | TP-ECD-XXXX-YY- ZZ (EVOLVED ECD) | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE 5E4(2) BASE GENERIC. SPECIFY ONE LIST MAA() PER SM PER EXTENDED OFFICE. DA EFF:05/05/88 FE/RA:NONE | 52 57 59 153 | DA | MAA | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR SECOND BILLING OPTION. SPECIFY ONE LIST MAB() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 59 63 | DA | MAB | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR A LOCAL OFFICE WITH OPTIONAL TOLL FEATURES. SPECIFY ONE LIST MAC() PER SM PER SITE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 59 | DA | MAC | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR NETWORK MANAGEMENT CODE CONTROL AND TRUNK GROUP CONTROL. SPECIFY ONE L-MAD() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 63 | DA | MAD | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR EXTENDED NETWORK MANAGEMENT (ON SITE INTERFACE). SPECIFY ONE L-MAE() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 63 66 | DA | MAE | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR CARRIER INTERCONNECT. SPECIFY ONE L-MAF() PER SM PER SITE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 82 | DA | MAF | | | | | | | | | |
| REQUIRED IN ADDITION TO LIST MC TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR REVERTIVE PULSING FEATURE. SPECIFY ONE L-MAG() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 | DA | MAG | | | | | | | | | |

TABLE-A CONTINUED

| TABLE A-FEATURES (CONTINUED) | | | | | | | | | | | | |
|--|----------------|-------------|---------------------|---------------------------|----------------------------|------------------|-----|-----|---------------|-----|-----|--|
| EQUIPMENT | | RAT- ING | LIST OR GROUP | EQUIPMENT OR CIRCUIT DATA | | | | | SD EQUIVALENT | | | |
| DESCRIPTION | REF NOTE | | | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR PBX REGISTRATION. THIS LIST IS ALWAYS REQUIRED IN ADDITION TO LIST MC IF THE 5ESS SWITCH IS USED FOR A PBX APPLICATION. SPECIFY ONE L-MAH() PER SM PER SITE AS REQUIRED. DA EFF:05/05/88 FE/RA:NONE | 52 57 65 | DA | MAH | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS DIRECTORY ASSISTANCE (DA) FEATURE. SPECIFY ONE L-MAJ PER POSITION. THIS FEATURE REQUIRES THE ACD FEATURE (L-MAL). DA EFF:04/30/92 FE/RA:NONE | 52 57 | DA | MAJ | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BASIC MAILUP FEATURE. SPECIFY ONE L-MAK() PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 52 57 | DA | MAK | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS BASIC 'AUTOMATIC CALL DISTRIBUTOR' (ACD) FEATURE. SPECIFY ONE L-MAL PER POSITION THIS FEATURE REQUIRES ISDN I (L-MIA). DA EFF:04/30/92 FE/RA:NONE | 57 98 | DA | MAL | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS TOLL AND ASSISTANCE (TA) AND COIN FEATURES. SPECIFY ONE L-MAM() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE BASIC ACD(L-MAL) AND THE CLASS 4X OFFICE (L-MKE) FEATURES. DA EFF:04/30/92 FE/RA:NONE | 52 57 | DA | MAM | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS AUTOMATED MULTI-LEAF INTERFACE. SPECIFY ONE L-MAN() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TA/COIN FEATURE(L-MAM). DA EFF:04/30/92 FE/RA:NONE | 52 57 97 | DA | MAN | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS AUTOQUOTE SERVICE. SPECIFY ONE L-MAP() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TA/COIN FEATURE (L-MAM). DA EFF:04/30/92 FE/RA:NONE | 52 57 97 | DA | MAP | | | | | | | | | |

TABLE-A CONTINUED

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BT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR
3B20* DMERT OPERATION SYSTEM,
5E4(2) APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E4(2)
PG-5D009
*AT&T TRADEMARK

DWG SIZE
C2

ISSUE
35

J5D008J-1

AT&T

J5D008J-1

SHEET A6
OF 13

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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 |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS FORCE MANAGEMENT SYSTEM (IFAMS) INTERFACE. SPECIFY ONE L-MAQ() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TA/COIN FEATURE (L-MAM), OR THE DIRECTORY ASSISTANCE FEATURE (L-MAJ). DA EFF:04/30/92 FE/RA:NONE | 52 57 97 | DA | MAQ | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR CIVIC SERVICES FEATURE PACKAGE. SPECIFY ONE L-MBA() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 61 63 | DA | MBA | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR EMERGENCY 911. SPECIFY ONE L-MBB() PER SM PER EXTENDED OFFICE REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 61 | DA | MBB | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR CALL TRACE. SPECIFY ONE L-MBC() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 61 | DA | MBC | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR RSM BASIC. SPECIFY ONE L-MCA() PER SM PER RSM SITE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 57 78 | DA | MCA | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR RSM STAND-ALONE. SPECIFY ONE L-MCB() PER SM PER RSM SITE AS REQUIRED. THIS FEATURE REQUIRES THE RSM BASIC FEATURE (L-MCA). DA EFF:04/30/92 FE/RA:NONE | 57 78 | DA | MCB | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ORM. SPECIFY ONE L-MCC() PER SM PER ORM SITE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 57 74 78 | DA | MCC | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR A TOLL OFFICE WITH OPTIONAL LOCAL FEATURE. SPECIFY ONE LIST MDA() PER SM PER SITE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 59 | DA | MDA | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR CARRIER INTERCONNECT FOR TOLL OFFICES. SPECIFY ONE L-MDB() PER SM PER SITE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 81 | DA | MDB | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR DIRECT SIGNALLING TO A NCP DATA BASE FOR TOLL OFFICES (DCIS6). SPECIFY ONE L-MDC() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 67 | DA | MDC | | | | | | | | |

TABLE-A CONTINUED

| TABLE A-FEATURES (CONTINUED) | | | | | | | | | | | |
|--|----------------------|-------------|---------------------|---------------------------|----------------------------|------------------|-----|---------------|-----------|-----|-----|
| EQUIPMENT | | RAT- ING | LIST OR GROUP | EQUIPMENT OR CIRCUIT DATA | | | | SD EQUIVALENT | | | |
| DESCRIPTION | REF NOTE | | | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ORIGINATION SCREENING OFFICE PLUS NETWORK CALL DENIAL (OSO+NCD). SPECIFY ONE L-MDD() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 67 81 | DA | MDD | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE COMMON CHANNEL SIGNALING SYSTEM 6 AND COMMON CHANNEL SIGNALING SYSTEM 7 TRUNK SIGNALING FEATURE PACKAGE (CCS6/7). SPECIFY ONE L-MDE() PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 52 57 69 | DA | MDE | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE COMMON CHANNEL SIGNALING SYSTEM 6 (CCS6) TRUNK SIGNALING FEATURE. SPECIFY ONE L-MDF() PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 52 57 | DA | MDF | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE COMMON CHANNEL SIGNALING SYSTEM 7 (CCS7) TRUNK SIGNALING FEATURE. SPECIFY ONE L-MDG() PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 53 57 | DA | MDG | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE SERVICE SWITCHING POINT (SSP) FEATURE. SPECIFY ONE L-MDK() PER SWITCH AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 92 | DA | MDK | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR TRANS-ACTION CAPABILITIES (TCAP). SPECIFY ONE L-MDL() PER SWITCH AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 92 | DA | MDL | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR 800 NUMBER SERVICE (800NS). SPECIFY ONE L-MDM() PER SWITCH AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 92 | DA | MDM | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE COMMERCIAL ACD FEATURE. SPECIFY ONE L-MDN() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES ISDN I (L-MIA). DA EFF:04/30/92 FE/RA:NONE | 52 57 156 | DA | MDN | | | | | | | | |

TABLE-A CONTINUED

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BT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR
3B20* DMERT OPERATION SYSTEM,
5E4(2) APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E4(2)
PG-5D009
*AT&T TRADEMARK

DWG SIZE
C2

ISSUE
35

J5D008J-1

AT&T

J5D008J-1

SHEET A7
OF 13

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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 |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS 0+0- RATE DIFFERENTIAL FEATURE. SPECIFY ONE L-MDO PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TA/COIN FEATURE (L-MAM). DA EFF:04/30/92 FE/RA:NONE | 52 57 | DA | MDO | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR TANDEM ACCESS FOR INTERLATA SENT-PAID COIN CALLS (TAISP). SPECIFY ONE LIST MDU() PER SWITCH AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 | DA | MDU | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FOR MAINTENANCE AND ADMINISTRATION FEATURE PACKAGE. SPECIFY ONE L-MEA() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 60 63 | DA | MEA | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR MECHANIZED LOOP TEST II (MLTII). SPECIFY ONE L-MEB() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 60 | DA | MEB | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR REMOTE OFFICE TEST LINE (ROTL). SPECIFY ONE L-MEC() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 60 | DA | MEC | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR CENTRAL TRUNK TEST UNIT (CTTU). SPECIFY ONE L-MED() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 60 | DA | MED | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR AUTOMATIC LINE INSULATION TEST, (ALIT). SPECIFY ONE L-MEE() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 60 | DA | MEE | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ENGINEERING AND ADMINISTRATION DATA ACQUISITION SYSTEM (EADAS). SPECIFY ONE L-MEF() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 60 | DA | MEF | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR SERVICE EVALUATION SYSTEM (SES). SPECIFY ONE L-MEG() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 60 | DA | MEG | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR REMOTE MEMORY ADMINISTRATION SYSTEM (RMAS). SPECIFY ONE L-MEH PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 52 57 60 | DA | MEH | | | | | | | | |

TABLE-A CONTINUED

| TABLE A-FEATURES (CONTINUED) | | | | | | | | | | | |
|--|----------------------|-------------|---------------------|---------------------------|----------------------------|------------------|-----|-----|---------------|-----|-----|
| EQUIPMENT | | RAT- ING | LIST OR GROUP | EQUIPMENT OR CIRCUIT DATA | | | | | SD EQUIVALENT | | |
| DESCRIPTION | REF NOTE | | | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR NO. 2 SWITCHING CONTROL CENTER SYSTEM (SCCS). SPECIFY ONE L-MEJ() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 60 | DA | MEJ | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BASIC TRUNK AND LINE MAINTENANCE. SPECIFY ONE L-MEK() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 60 | DA | MEK | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR EXTENDED MAINTENANCE AND ADMINISTRATION. SPECIFY ONE L-MEL() PER SM PER EXTENDED OFFICE AS REQUIRED. THIS FEATURE REQUIRES THE BASIC TRK & LN MTCE FEATURE. DA EFF:04/30/92 FE/RA:NONE | 52 57 60 | DA | MEL | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR LOCAL TRAFFIC CHANNEL. SPECIFY ONE L-MEM() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 | DA | MEM | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ENHANCED MAINTENANCE AND ADMINISTRATION FEATURES. SPECIFY ONE L-MEN() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 62 81 | DA | MEN | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE INTERFACE TO THE MULTIFUNCTIONAL OPERATIONS SUPPORT SYSTEM (MFOS). SPECIFY ONE L-MEP() PER SM PER SITE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 | DA | MEP | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR CIRCUIT SWITCHED TRUNK SERVICE (CST). SPECIFY ONE LIST-MEV() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES SERVICE SWITCHING POINT (LIST MDK), 800 NUMBER SERVICES (LIST MDM) AND OPTIONAL 7/10 DIGIT OUTPUTS (LIST MEW). DA EFF:04/30/92 FE/RA:NONE | 52 57 157 | DA | MEV | | | | | | | | |

TABLE-A CONTINUED

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BT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR
3B20* DMERT OPERATION SYSTEM,
5E4(2) APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E4(2)
PG-5D009
*AT&T TRADEMARK

DWG SIZE
C2

ISSUE
35

J5D008J-1

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J5D008J-1

SHEET 88
OF 13

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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 | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR OPTIONAL 7/10 DIGIT OUTPULSING FOR VIRTUAL PRIVATE NETWORK. SPECIFY ONE LIST-MEW() PER SWITCH AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 157 | DA | MEW | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR AUTOMATIC NUMBER IDENTIFICATION (ANI) OVER PRIVATE FACILITIES. SPECIFY ONE LIST-MEX() PER SWITCH AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 157 | DA | MEX | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BUSINESS AND RESIDENCE CUSTOMER SERVICES I (BRCS I). SPECIFY ONE L-MFA() PER SM PER SITE AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 152 | DA | MFA | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BRCS II FEATURES PER SM. SPECIFY ONE L-MFB() PER SM PER SITE AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 80 83 152 | DA | MFB | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BRCS CUSTOMIZATION I PER SM. SPECIFY ONE L-MFC() PER SM PER SITE AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 83 90 152 | DA | MFC | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BRCS III FEATURES PER SM. SPECIFY ONE L-MFD() PER SM PER SITE AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 80 83 152 | DA | MFD | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BRCS IV FEATURES PER SM. SPECIFY ONE L-MFE() PER SM PER SITE. DA EFF:02/01/88 FE/RA:NONE | 52 57 80 83 87 152 | DA | MFE | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BRCS IV BTS PER SM FEATURE. SPECIFY ONE L-MFF() PER SM PER SITE. DA EFF:02/01/88 FE/RA:NONE | 52 57 80 83 87 152 | DA | MFF | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BRCS IV AP PER SM FEATURE. SPECIFY ONE L-MFG() PER SM PER SITE. DA EFF:02/01/88 FE/RA:NONE | 52 57 80 83 87 152 | DA | MFG | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE RESSET A PER SM FEATURES SPECIFY ONE L-MFH() PER SM PER SITE AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 152 | DA | MFH | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR UPDATE FROM RESSET A TO BRCS II PER SM. SPECIFY ONE L-MFU() PER SM PER SITE AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 57 84 152 | DA | MFU | | | | | | | | | |

TABLE-A CONTINUED

| TABLE A-FEATURES (CONTINUED) | | | | | | | | | | | | |
|---|-----------------------------------|-------------|---------------------|---------------------------|----------------------------|------------------|-----|-----|---------------|-----|-----|--|
| EQUIPMENT | | RAT- ING | LIST OR GROUP | EQUIPMENT OR CIRCUIT DATA | | | | | SD EQUIVALENT | | | |
| DESCRIPTION | REF NOTE | | | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CCSA PER SM FEATURE. SPECIFY ONE L-MFK() PER SM PER SITE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 88 | DA | MFK | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE INTELLIPATH FEATURES PER SM. SPECIFY ONE L-MFL() PER SM PER SITE AS REQUIRED. THIS FEATURE REQUIRES BRCS II, III AND IV. DA EFF:02/01/88 FE/RA:NONE | 52 57 79 152 | DA | MFL | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE INTELLIPATH FEATURES PER LINE. SPECIFY ONE L-MFM() PER LINE PER SITE AS REQUIRED. THIS FEATURE REQUIRES BRCS II, III AND IV. DA EFF:02/01/88 FE/RA:NONE | 52 57 79 152 | DA | MFM | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BRCS II FEATURES PER LINE OR DSL. SPECIFY ONE L-MGB() PER INSTALLED BRCS II LINE OR DSL AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 68 80 152 | DA | MGB | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BRCS CUSTOMIZATION I PER LINE OR DSL. SPECIFY ONE L-MGC() PER INSTALLED BRCS LINE OR DSL AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 68 90 152 | DA | MGC | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BRCS III FEATURES PER LINE OR DSL. SPECIFY ONE L-MGD() PER INSTALLED BRCS III LINE OR DSL AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 68 80 152 | DA | MGD | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BRCS IV PER LINE OR DSL FEATURE. SPECIFY ONE L-MGE() PER LINE OR DSL AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 68 80 87 152 | DA | MGE | | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BRCS IV BTS PER LINE OR DSL FEATURE. SPECIFY ONE L-MGF() PER LINE OR DSL AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 68 80 87 152 | DA | MGF | | | | | | | | | |

TABLE-A CONTINUED

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5ESS* SWITCHING EQUIPMENT
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DATABASE FOR GENERIC PROGRAM 5E4(2)
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J5D008J-1

SHEET A9
OF 13

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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 |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BRCS IV AP PER LINE OR DSL FEATURE. SPECIFY ONE L-MGG() PER LINE OR DSL AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 68 80 87 152 | DA | MGG | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE MULTIPLE DIRECTORY NUMBERS (DN) WITH DISTINCTIVE RINGING FEATURE. SPECIFY ONE L-MGH() PER SM PER EXTENDED OFFICE. DA EFF:02/01/88 FE/RA:NONE | 52 57 152 | DA | MGH | | | | | | | | |
| RESERVED. DA EFF:06/29/98 FE/RA:NONE | | DA | MHA | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE DEFENSE SWITCHED NETWORK MULTI-FUNCTION SWITCH (DSN-MFS). SPECIFY ONE L-MHB() PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 52 57 70 | DA | MHB | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE AUTOVON INTERFACE-END OFFICE FEATURE. SPECIFY ONE L-MHC() PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 52 57 71 | DA | MHC | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE AUTOVON TANDEM FEATURE. SPECIFY ONE L-MHD PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 52 57 91 | DA | MHD | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE 5E4 AUTOVON INTERFACE FEATURE (AUTOVON II) UPDATE TO THE DEFENSE SWITCHED NETWORK MULTI-FUNCTION SWITCH (DSN-MFS). SPECIFY ONE L-MHF PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 52 70 84 | DA | MHF | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE AUTOVON INTERFACE UPDATE FOR ISDN ADAPTATION. SPECIFY ONE L-MHG() PER ISDN SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 52 57 96 | DA | MHG | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FOR THE AUTOVON INTERFACE-CENTREX FEATURE. SPECIFY ONE L-MHH() PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 52 57 71 | DA | MHH | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE INTEGRATED SERVICES DIGITAL NETWORK (ISDN) I FEATURE. SPECIFY ONE L-MIA() PER DSL. DA EFF:04/30/92 FE/RA:NONE | 52 57 98 | DA | MIA | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN MULTIBUTTON KEY SERVICE (MBKS). SPECIFY ONE L-MIB() PER DSL AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 93 | DA | MIB | | | | | | | | |

TABLE-A CONTINUED

| TABLE A-FEATURES (CONTINUED) | | | | | | | | | | | |
|---|-----------------------------------|-------------|---------------------|---------------------------|----------------------------|------------------|-----|-----|---------------|-----|-----|
| EQUIPMENT | | RAT- ING | LIST OR GROUP | EQUIPMENT OR CIRCUIT DATA | | | | | SD EQUIVALENT | | |
| DESCRIPTION | REF NOTE | | | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN DELUXE MULTIBUTTON KEY SERVICE. SPECIFY ONE L-MIC() PER DSL AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 53 57 93 | DA | MIC | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN ATTENDANT SERVICES. SPECIFY ONE L-MID() PER DSL AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 95 | DA | MID | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN ELECTRONIC DIRECTORY SERVICE. SPECIFY ONE L-MIE() PER DSL TO THE AP AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 94 | DA | MIE | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN MESSAGE SERVICES. SPECIFY ONE L-MIF() PER DSL TO THE AP AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 94 | DA | MIF | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ISDN EXTENDED DIGITAL SUBSCRIBER LINE (EDSL). SPECIFY ONE L-MIG() PER EDSL AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 | DA | MIG | | | | | | | | |
| RESERVED. | | | MJA | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BRCS II FEATURES PER TRUNK. SPECIFY ONE L-MJB() PER INSTALLED BRCS II TRUNK AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 68 80 86 152 | DA | MJB | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BRCS CUSTOMIZATION I PER TRUNK. SPECIFY ONE L-MJC() PER INSTALLED BRCS TRUNK AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 68 86 90 152 | DA | MJC | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR BRCS III FEATURES PER TRUNK. SPECIFY ONE L-MJD() PER INSTALLED BRCS III TRUNK AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 68 80 86 152 | DA | MJD | | | | | | | | |

TABLE-A CONTINUED

J5D008J-1

| | |
|---|-------------|
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| BT13 | |
| 5ESS* SWITCHING EQUIPMENT SPECIFICATION FOR 3B20* DMERT OPERATION SYSTEM, 5E4(2) APPLICATION SOFTWARE, LIBRARY TOOLS, EQUIPMENT CONFIGURATION DATA, AND OFFICE DEPENDENT DATABASE FOR GENERIC PROGRAM 5E4(2) PG-5D009 *AT&T TRADEMARK | |
| DWG SIZE C2 | ISSUE 35 |
| AT&T | J5D008J-1 |
| SHEET A10 OF 13 | |

| 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 |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BRCS IV PER TRUNK FEATURE. SPECIFY ONE L-MJE() PER TRUNK AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 68 85 86 152 | DA | MJE | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BRCS IV ETS PER TRUNK FEATURE. SPECIFY ONE L-MJF PER TRUNK AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 68 80 87 152 | DA | MJF | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BRCS IV AP PER TRUNK FEATURE. SPECIFY ONE L-MJG PER TRUNK AS REQUIRED. DA EFF:02/01/88 FE/RA:NONE | 52 57 68 80 86 87 152 | DA | MJG | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR COMMON CHANNEL SIGNALING (CCS) ADMINISTRATIVE MODULE (AM) REAL TIME RELIEF FEATURE (DIRECT LINK NODE). SPECIFY ONE L-MKA() PER SM PER EXTENDED OFFICE AS REQUIRED. THIS FEATURE REQUIRES CCIS6 OR CCS7 SIGNALING. DA EFF:04/30/92 FE/RA:NONE | 52 57 | DA | MKA | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR COMMON CHANNEL SIGNALING (CCS) COVERING DOMAIN CONTROLLED ROUTING. SPECIFY ONE L-MKB() PER SM PER EXTENDED OFFICE AS REQUIRED. THIS FEATURE REQUIRES CCIS6 OR CCS7 SIGNALING. DA EFF:04/30/92 FE/RA:NONE | 52 57 77 88 | DA | MKB | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE RMS-D3 AND TESTING, OPERATIONS, PROVISIONING, AND ADMINISTRATION SYSTEM (TOPAS) INTERFACES. SPECIFY ONE L-MKC() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 77 | DA | MKC | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ALLIANCE TELECONFERENCING ACCESS. SPECIFY ONE L-MKD() PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 52 57 88 | DA | MKD | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR A CLASS 4X OFFICE INTERMEDIATE SWITCH POINT (ISP). SPECIFY ONE L-MKE() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 77 | DA | MKE | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR MAC-OSS ACCESS OF BATCH RECENT CHANGE. SPECIFY ONE L-MKF() PER SM PER EXTENDED OFFICE AS REQUIRED. THIS FEATURE REQUIRES THE ENHANCED MAINTENANCE AND ADMINISTRATION FEATURE (L-MEN). DA EFF:04/30/92 FE/RA:NONE | 52 57 77 88 | DA | MKF | | | | | | | | |

TABLE-A CONTINUED

| TABLE A-FEATURES (CONTINUED) | | | | | | | | | | | |
|---|----------------------|-------------|---------------------|---------------------------|----------------------------|------------------|-----|---------------|-----------|-----|-----|
| EQUIPMENT | | RAT- ING | LIST OR GROUP | EQUIPMENT OR CIRCUIT DATA | | | | SD EQUIVALENT | | | |
| DESCRIPTION | REF NOTE | | | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR DATA BASE QUERY SELECT-TRUNK REPORTS. SPECIFY ONE L-MKG() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 77 88 | DA | MKG | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LEASED NETWORK 100 SECOND SCAN FEATURE. SPECIFY ONE L-MKH() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:04/30/92 FE/RA:NONE | 52 57 88 | DA | MKH | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE AGENT POSITION MONITORING WITH INTERRUPT FEATURE. SPECIFY ONE LIST MML() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES COMMERCIAL ACD (LIST MDN). DA EFF:04/30/92 FE/RA:NONE | 52 57 157 | DA | MML | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OPERATOR POSITION MONITORING WITH INTERRUPT FEATURE. SPECIFY ONE LIST MMM() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES DIRECTORY ASSISTANCE (LIST MAJ). DA EFF:04/30/92 FE/RA:NONE | 52 57 157 | DA | MMM | | | | | | | | |
| REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ISDN MESSAGE SERVICES FEATURE. PROVIDE ONE LIST MWU() PER BRI TO SMSI OR PMIT AS REQUIRED. THIS FEATURE REQUIRES INTEGRATED SERVICES DIGITAL NETWORK ISDN I-BASIC VOICE/DATA FEATURE PACKAGE (LIST MIA). DA EFF:05/15/96 FE/RA:NONE | 51 57 94 | DA | MWU | | | | | | | | |
| REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ISDN ELECTRONIC DIRECTORY SERVICES. PROVIDE ONE LIST MWV() PER BRI TO MEDS AS REQUIRED. THIS FEATURE REQUIRES INTEGRATED SERVICES DIGITAL NETWORK ISDN I-BASIC VOICE/DATA FEATURE PACKAGE (LIST MIA). DA EFF:05/15/96 FE/RA:NONE | 51 57 94 | DA | MWV | | | | | | | | |
| REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR A 1/1A ESS SWITCH TO 5ESS SWITCH DATA CONVERSION. SPECIFY ONE L-MXA() PER 1,000 LINES PER SITE. DA EFF:10/23/89 FE/RA:NONE | 72 76 158 | DA | MXA | | | | | | | | |

TABLE-A CONTINUED

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CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E4(2)
PG-5D009
*AT&T TRADEMARK

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C2

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J5D008J-1

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J5D008J-1

SHEET A11
OF 13

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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 |
| ALWAYS REQUIRED IN ADDITION TO LIST MZB() TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OPERATING SYSTEM PORTION OF THE 5E4.2 BASE GENERIC SOFTWARE. SPECIFY ONE LIST MZA() PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 57 72 153 159 | DA | MZA | | | | | | | | |
| ALWAYS REQUIRED IN ADDITION TO LIST MZA() TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE APPLICATIONS SYSTEM PORTION OF THE 5E4.2 BASE GENERIC SOFTWARE. SPECIFY ONE LIST MZB() PER SM PER EXTENDED OFFICE. DA EFF:04/30/92 FE/RA:NONE | 52 57 59 153 154 159 | DA | MZB | | | | | | | | |
| ALWAYS REQUIRED IN ADDITION TO LIST MZD() TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OPERATING SYSTEM PORTION OF THE 5E4.2 CUSTOMER PREMISES SOFTWARE. SPECIFY ONE LIST MZC() PER SM PER SITE. DA EFF:04/30/92 FE/RA:NONE | 57 65 72 | DA | MZC | | | | | | | | |
| ALWAYS REQUIRED IN ADDITION TO LIST MZC() TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE APPLICATIONS SYSTEM PORTION OF THE 5E4.2 CUSTOMER PREMISES SOFTWARE. SPECIFY ONE LIST MZD() PER SM PER SITE. DA EFF:04/30/92 FE/RA:NONE | 57 65 72 154 | DA | MZD | | | | | | | | |

END OF TABLE-A

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ISSUE 35

J5D008J-1

AT&T

J5D008J-1

SHEET A12
OF 13

STOCKLIST

| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
|----------|-----------------|--------------|--------------------|------|---|--------------------|------|--------|
| | | | | | | | SYM | NBR |
| 1000 | 1 | 1 | 405421173 | | TAPE, MAGNETIC 9 TRACK FULL REEL 1600 BPI | | | 1 2 |
| 1010 | 2 | 2 | 405421173 | | TAPE, MAGNETIC 9 TRACK FULL REEL 1600 BPI | | | 1 2 |
| 1020 | 3 | 1 | 405654047 | | TAPE, MAGNETIC 9 TRACK MINI REEL 1600 BPI | | | 2 8 |
| 1025 | 4 | 3 | 405421173 | | TAPE, MAGNETIC 9 TRACK FULL REEL 1600 BPI | | | 1 2 |
| 1030 | 5 | 4 | 404056350 | | DISKETTE 5-1/4 IN. DOUBLE SIDED DENSITY SOFT SECTOR 96 TPI BETTER BUSINESS | | | 2 5 |
| 1050 | A | 1 | 405526922 | | TAPE, MAGNETIC 9 TRACK FULL REEL 6250 BPI | | | 2 3 |
| 1060 | B | 8 | 405526922 | | TAPE, MAGNETIC 9 TRACK FULL REEL 6250 BPI | | | 3 4 |
| 1070 | C | 4 | 405526922 | | TAPE, MAGNETIC 9 TRACK FULL REEL 6250 BPI | | | 3 4 |
| 1080 | D | 1 | 405654021 | | TAPE, MAGNETIC 9 TRACK MINI REEL 6250 BPI | | | 2 7 |

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

TABLE AB

| TABLE AB | | | |
|--|---------|---------|---|
| BLANK TAPES REQUIRED WHEN RETROFITTING TO 5E4(2) | | | |
| NO. OF SM'S | QTY L-B | QTY L-C | NUMBER OF 'TOTAL TAPES' BLANK MAGNETIC TAPES REQUIRED |
| 1-29 | 1 | 1 | 12 |
| 30-59 | 1 | 2 | 16 |
| 60-89 | 1 | 3 | 20 |
| 90-119 | 1 | 4 | 24 |
| 120-149 | 1 | 5 | 28 |
| 150-179 | 1 | 6 | 32 |
| 180-192 | 1 | 7 | 36 |

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MANUFACTURING NOTES

- MAGNETIC TAPES ARE 9 TRACK, FULL REEL, WITH AN INFORMATION DENSITY OF 1600 BITS PER INCH WITH A PHYSICAL FORMAT CONFORMING WITH THE U.S.A. STANDARDS INSTITUTE (USASI) SPECIFICATION X3.22-1967. THE MAXIMUM PHYSICAL RECORD LENGTH IS 682 WORDS (24 BIT WORD SIZE).
- 'NWQ' INDICATES ITEM TO BE SOURCED AT THE NETWORK SOFTWARE CENTER.
- MAGNETIC TAPES ARE 9 TRACK, FULL REEL, WITH AN INFORMATION DENSITY OF 6250 BITS PER INCH WITH A PHYSICAL FORMAT CONFORMING WITH THE U.S.A. STANDARDS INSTITUTE (USASI) SPECIFICATION X3.22-1967.
- 'WNT' INDICATES ITEM TO BE SOURCED AT THE WARRENVILLE DATA CENTER.
- DISKETTES ARE DOUBLE SIDED, DOUBLE DENSITY 96 TRACK PER INCH, 5 1/4 INCH DISKETTES.
- FOR ORDERING PURPOSES THE BASE GENERIC RTU LIST SUFFIXED WITH AN APPLICATION CODE LETTER 'R' ARE ITEMS TO BE SOURCED AT THE OKLAHOMA CITY WORKS.(OCY)
- MAGNETIC TAPES ARE 9 TRACK, MINI REEL, WITH AN INFORMATION DENSITY OF 6250 BITS PER INCH WITH A PHYSICAL FORMAT CONFORMING WITH THE U.S.A. STANDARDS INSTITUTE (USASI) SPECIFICATION X3.22-1967.
- MAGNETIC TAPES ARE 9 TRACK, MINI REEL, WITH AN INFORMATION DENSITY OF 1600 BITS PER INCH WITH A PHYSICAL FORMAT CONFORMING WITH THE U.S.A. STANDARDS INSTITUTE (USASI) SPECIFICATION X3.22-1967.
- 'IDG2' INDICATES ITEM TO BE SOURCED AT THE CUSTOMER INFORMATION CENTER (C.I.C.).

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BT13

5ESS* SWITCHING EQUIPMENT
 SPECIFICATION FOR
 3B20* DMERT OPERATION SYSTEM,
 5E4(2) APPLICATION
 SOFTWARE, LIBRARY TOOLS, EQUIPMENT
 CONFIGURATION DATA, AND OFFICE DEPENDENT
 DATABASE FOR GENERIC PROGRAM 5E4(2)
 PG-5D009
 *AT&T TRADEMARK

DWG SIZE C2
 ISSUE 35

J5D008J-1

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J5D008J-1

SHEET D1
 OF 13