ISSUE NOTES (CONTINUED)

IN TABLE A, LISTS 1, 2, 5 THRU 8, A, B, D, M1 THRU M7, M11 THRU M13, MA THRU MC, MAA, MDN, MDS, MFK, MIP, MKC, MLL, MLX, MLY, MMG, MMJ, MMU, MTV, MUA, MUH, MUX, MUZ, MVA, MVE, MYV, M2K, NAB, NAF, NAG, NAI THRU NAL AND NFF RATED "DA".

ORIG ISS: 04/29/91   CHANGE CLASS: M

| DRAFT: RRH | ENGR: RRH | SUPV: EJZ | CERTIFIED: 11/22/96 | ISSUE: 15 |

ISSUE NOTES (CONTINUED)

IN TABLE A, LISTS D,MCT,MXJ,MXK,MXY,NAF & NAG ADDED. TABLE AC CHANGED TO REFLECT LISTS ADDED TO TABLE A. ENGINEERING NOTE 191 ADDED.

ORIG ISS: 04/29/91   CHANGE CLASS: M

| DRAFT: PKK | ENGR: EAK | SUPV: | CERTIFIED: 08/27/92 | ISSUE: 10 |

IN TABLE A: LISTS MCW,MLW,MLX,MLY,MNY,MWU,MWV,MYV,MYZ,NAI,NAJ, NAK,NAL ADDED. LISTS MMI,MMO, M14 THRU M25 RATED "DA". ENG. NOTE 165 ADDED.

ORIG ISS: 04/29/91   CHANGE CLASS: M

| DRAFT: PKK | ENGR: EAK | SUPV: | CERTIFIED: 05/04/93 | ISSUE: 11 |

IN TABLE A, LISTS MCQ AND MVJ RATED "DA". IN TABLE AC, LISTS MAY AND MTI SECURED FEATURE ID NUMBER ADDED.

ORIG ISS: 04/29/91   CHANGE CLASS: M

| DRAFT: PKK | ENGR: EAK | SUPV: | CERTIFIED: 07/08/93 | ISSUE: 12 |

IN TABLE A, LISTS NFA,NFB,NFC,NFD,NFE,NFG AND NFH ADDED. LIST MXE RATED "DA".

ORIG ISS: 04/29/91   CHANGE CLASS: M

| DRAFT: PKK | ENGR: EAK | SUPV: | CERTIFIED: 09/09/93 | ISSUE: 13 |

IN TABLE A, LISTS MAG, MAH, MAJ, MAK ,MAL, MAM, MAN, MAP, MAQ, MAR, MAS, MAT, MAV, MAW, MAX, MAY, MBD, MBE, MCA, MCB, MCC, MCD, MCJ, MCQ, MCT, MCW, MDB, MDC, MDD, MDE, MDF, MDG, MDK, MDL, MDM, MDO, MDP, MDQ, MDR, MDT, MDU, MDW, MDX, MDY, MDZ, MEP, MEQ, MER, MES, MET, MEU, MEV, MEW, MEX, MEY, MEZ, MHB, MHC, MHD, MHF, MHG, MHH, MHJ, MHK, MHL, MHM, MIA, MIB, MIC, MID, MIE, MIF, MIG, MIH, MIJ, MIK, MIL, MIM, MIN, MIQ, MIR, MIS, MIX, MIY, MIZ, MKA, MKB, MKD, MKE, MKF, MKG, MKH, MKJ, MKK, MKL, MKM, MKN, MKO, MKP, MKQ, MKR, MKS, MKT, MKU, MKV, MKW, MKX, MKY, MKZ, MLA, MLB, MLC, MLD, MLE, MLF, MLG, MLH, MLJ, MLK, MLM, MLN, MLP, MLW, MMA, MMB, MMC, MMD, MME, MMF, MMK, MMN, MMP, MMQ, MMR, MMS, MMT, MMV, MMW, MMX, MMY, MMZ, MNA, MNB, MNC, MND, MNE, MNF, MNG, MNH, MNI, MNJ, MNK, MNL, MNM, MNN, MNP, MNQ, MNR, MNS, MNU, MNV, MNW, MNY, MTA, MTB, MTC, MTF, MTG, MTI, MTJ, MTK, MTL, MTM, MTN, MTO, MTQ, MTR, MTS, MTT, MTX, MTY, MTZ, MUB, MUC, MUD, MUE, MUF, MUG, MUI, MUJ, MUK, MUL, MUW, MUY, MVB, MVC, MVD, MVG, MVH, MVK, MVL, MVM, MVN, MVP, MVT, MWB, MWC, MWD, MWU, MWV, MXB, MXC, MXD, MXF, MXG, MXI, MXJ, MXK, MXR, MXY, MYZ, MZE, MZF, MZG, MZH, MZN, NAA, NFA, NFB, NFC, NFD, NFE, NFG AND NFH RATED 'DA'.

ORIG ISS: 04/29/91   CHANGE CLASS: M

| DRAFT: RRH | ENGR: RRH | SUPV: EJZ | CERTIFIED: 05/22/96 | ISSUE: 14 |

ISSUE NOTES

ORIG ISS: 04/29/91   CHANGE CLASS:

| DRAFT: PKK | ENGR: EAK | SUPV: RJH | CERTIFIED: 04/29/91 | ISSUE: 1 |

IN TABLE A LISTS MMT, MMW, MTK, MTL, MTM, MTN AND MTO ADDED. ENGINEERING NOTES 176, 177 AND 178 ADDED. IN TABLE A LIST M4 AND MVF RATED "DA".

ORIG ISS: 04/29/91   CHANGE CLASS: M

| DRAFT: PKK | ENGR: EAK | SUPV: | CERTIFIED: 06/20/91 | ISSUE: 2 |

IN TABLE A LIST 3,4, AND M1 AND TABLE AB 5E7 READ 5E6.

ORIG ISS: 04/29/91   CHANGE CLASS: M

| DRAFT: PKK | ENGR: EAK | SUPV: | CERTIFIED: 07/11/91 | ISSUE: 3 |

IN TABLE A LISTS MDW,MUJ,MUK,MUL,MTQ,MTR,MTS,MTT,MTV,MTX,MTY, MTZ,MUW,MUX,MUY,MUZ,MWD,MXD MZN ADDED. LIST MLQ & MTH RATED DA. ENGINEERING NOTES 179 & 180 ADDED. TABLE AC ADDED.

ORIG ISS: 04/29/91   CHANGE CLASS: M

| DRAFT: PKK | ENGR: EAK | SUPV: | CERTIFIED: 10/03/91 | ISSUE: 4 |

IN TABLE A LISTS 7,M14,M15,M16,M17,M18,M19,MXC,MXE,MXF AND MXG ADDED. ENGINEERING NOTES 181,182,183 AND 184 ADDED. IN STOCKLIST LIST 7 ADDED.

ORIG ISS: 04/29/91   CHANGE CLASS: B

| DRAFT: PKK | ENGR: EAK | SUPV: | CERTIFIED: 11/01/91 | ISSUE: 5 |

IN TABLE A, LISTS M20,M21,M22,M23,M24 AND M25 ADDED. ENGINEERING NOTES 185,186 AND 187 ADDED.

ORIG ISS: 04/29/91   CHANGE CLASS: B

| DRAFT: PKK | ENGR: EAK | SUPV: | CERTIFIED: 11/21/91 | ISSUE: 6 |

IN TABLE A, LISTS MCQ,MNV AND MXB ADDED. IN TABLE A, LISTS MIT, MIU AND MIV RATED "DA". ENGINEERING NOTE 188 ADDED.

ORIG ISS: 04/29/91   CHANGE CLASS: M

| DRAFT: PKK | ENGR: EAK | SUPV: | CERTIFIED: 12/19/91 | ISSUE: 7 |

IN TABLE A, LISTS 8,MHM & MNW ADDED. ENG NOTE 189 ADDED. TABLE AD ADDED. IN TABLE A LIST 3 & 4 RATED "DA". IN TABLE A LIST MEU REF TO ENG NOTE 163 REMOVED. IN TABLE A LISTS MTJ & MTM REF TO ENG NOTE 163 ADDED. IN TABLE A LISTS MNA THRU MND, MNF THRU MNL REF TO ENG NOTE 189 ADDED.

ORIG ISS: 04/29/91   CHANGE CLASS: M

| DRAFT: PKK | ENGR: EAK | SUPV: | CERTIFIED: 03/06/92 | ISSUE: 8 |

IN TABLE A, LISTS MBE,MDY,MDZ,MXI,MXR,NAA & NAB ADDED. IN TABLE A, LISTS MTD AND MTE RATED "DA". ENGINEERING NOTE 190 ADDED. IN TABLE A, LISTS MZE,MZF & MZK REFERENCE TO NOTE 190 ADDED. IN TABLE AC, COLUMNS "PREREQUISITE REQ RTU LISTS" AND "APPLICATION RTU PER" ADDED.

ORIG ISS: 04/29/91   CHANGE CLASS: M

| DRAFT: PKK | ENGR: EAK | SUPV: | CERTIFIED: 06/17/92 | ISSUE: 9 |

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RT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR
3B20* DMERT OPERATION SYSTEM,
5E7 APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E7
PG-5D013
*AT&T TRADEMARK

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ENGINEERING NOTES

***** CONTINUED *******

```
                 L-M1
       S    1    J5D008M-1 L-1
                 E/W
                 L-M3
       S    1    J5D008M-1 L-1
                 E/W
                 L-MA
       S    1    J5D008M-1 L-1
                 E/W
                 L-MB
       S   13    J5D008M-1 L-MAGR
       S   13    J5D008M-1 L-MDER
```

86. RESERVED.

87. RESERVED.

88. THIS RTU FEATURE PACKAGE IS APPLICABLE ONLY TO AT&T - NSD OFFICES.

89. RESERVED.

90. RESERVED.

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 AND THE ISDN I PACKAGE (L-MIA) OR MBKS BASIC (LIST MIB) OR MBKS DELUXE (LIST MIC).

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 AMLB (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 IFAM INTERFACE (L-MAQ) RTU PACKAGE IS APPLICABLE TO ALL POSITIONS EQUIPPED FOR DA (L-MAJ) AND TOLL ASSIST & COIN (L-MAM).

98. THIS 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 A DEDICATED OSPS OFFICE.

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 RETROFIT ORDERS.
EXAMPLE:
```
       S    1    J5D008M-1 L-1
                 E/W
            1    L-M2
       S    1    J5D008M-1 L-2
                 E/W
            1    L-M1
           21    L-MAAS
           21    L-MAGS
       S    1    J5D008M-1 L-1
                 E/W
            1    L-M3
       S    1    J5D008M-1 L-1
                 E/W
            1    L-MB
       S    1    J5D008M-1 L-1
                 E/W
            1    L-MC
```

151. VTOC TAPES WERE ORIGINALLY ORDERED AS A SEPARATE ENTITY. THEY NOW HAVE BEEN INTEGRATED INTO THE 'AM ODD' TAPE.

152. THE TOLL ASSIST (TA) ENHANCEMENTS FEATURE PACKAGE (L-MAS) CONSISTS OF THE FOLLOWING FEATURES:
ACCESS TO LINE INFORMATION DATABASE (LIDB)
EXCHANGE ALTERNATE BILLING SERVICES (ABS)
EXPANDED CALL TYPE DETERMINATION
--------- CONTINUED ON NEXT SHEET ----------

ENGINEERING NOTES

***** CONTINUED *******

NETWORK CALL DENIAL (NCD) REQUIRE DCIS6, CCIS6, CCIS6/OR CCS7. THE NCP DATA BASE IS REQUIRED FOR THESE FEATURES.

68. SEE J5D008AA-1 FOR BRCS FEATURES ORDERING INFORMATION.

69. THE COMMON CHANNEL SIGNALING SYSTEM 6 AND SYSTEM 7 FEATURE PACKAGE CONSISTS OF THE FOLLOWING FEATURES:
```
       LIST       FEATURE
       MDF( )     CCS6 (ECIS6/CCIS6)
       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., 'MAXR'. 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 USE 6250 BPI TAPES.

74. THE BASIC RATE INTERFACE (BRI) DATA SERVICES PACKAGE (L-MIM) CONSISTS OF THE FOLLOWING FEATURES:
FEATURE
IMPROVED BRI PACKET SWITCHING
SIMULTANEOUS PACKET SWITCHING ON BOTH B CHANNELS OF A BRI

75. THE COMMERCIAL ACD FEATURE, LIST MAA(), IS PURCHASED INSTEAD OF THE BASIC AUTOMATIC CALL DISTRIBUTOR (ACD) FEATURE, LIST MAL(), WHEN THE CUSTOMER WILL RESELL ACD SERVICE TO END (CENTREX) USERS.

78. THE LASS I PACKAGE PER SM (L-MNA) AND PER LINE OR DSL (L-MNB) CONSISTS OF THE FOLLOWING FEATURES:
LASS AUTOMATIC CALLBACK (L-MNC)
LASS AUTOMATIC RECALL (L-MND)
LASS CUSTOMER ORIGINATED TRACE (L-MNE)
LASS ICLID (L-MNF)

79. BILLING FOR LASS I OR LASS II PER LINE, OR DSL TO PER SM CONVERSION SHOULD BE DONE USING THE FOLLOWING ALGORITHM:
EXAMPLE: L-MNA= (L-MNA * SM QUANTITY) - (L-MNB * LINE QUANTITY PREVIOUSLY PAID)
ONCE THE CUSTOMER INITIALLY CHOOSES OR CONVERTS TO THE LASS I OR LASS II PER SM BILLING OPTION FOR A PARTICULAR OFFICE, THE LASS I OR LASS II PER LINE, OR DSL BILLING OPTION IS NO LONGER AVAILABLE FOR THAT OFFICE.

80. AUTOMATIC CALL DISTRIBUTOR (ACD) INTRAFLOW CAN BE PURCHASED PER POSITION (L-MAU) OR PER SWITCH (L-MAZ).

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. OSPS SUB ACCOUNT BILLING CAN BE PURCHASED PER POSITION (L-MAY) OR PER PSM (L-MAH).

84. FOR ORDERING PURPOSES, ALL FEATURE RTU LISTS REFERRING 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:
INITIAL ORDER
```
       S    1    J5D008M-1 L-1
                 E/W
            1    L-M2
       S    1    J5D008M-1 L-2
                 E/W
       ------ CONTINUED TO THE LEFT ------
```

ENGINEERING NOTES

51. 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 'MAFS'. FOLLOWING IS A DESCRIPTION OF THESE APPLICATION CODE LETTERS:
R - INITIAL ORDERS, SM GROWTH, AND/OR FEATURE ADDITIONS IN EXISTING OFFICES.
S - RETROFIT OR FEATURES PURCHASED FOR THE FIRST TIME WHEN RETROFITTING TO 5E6.
FOR INITIAL ORDERS OF RSM 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).

52. THE ISDN OA&M FEATURE PACKAGE (L-MES) CONSISTS OF THE FOLLOWING FEATURES:
REMOTE DIGITAL TESTING
BASIC RATE INTERFACE (BRI) DIAL-UP TEST LINE
PACKET SWITCHING DATA BUSINESS GROUP SERVICES
SWITCH-BASED PROTOCOL MONITORING

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., 'MFBR' OR MFBU. 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 5E6.
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 'MC' AND 'M1' THROUGH 'M25' 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 AND ODD TAPES ARE REQUIRED. FOR RETROFIT ORDERS, ONE COPY OF 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. DO NOT SPECIFY L-M4 THROUGH L-M7 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 CUSTOMER MUST GET BILLED ONCE AND ONLY ONCE FOR EACH SM IN THE EXTENDED OFFICE FOR EACH EXTENDED OFFICE FEATURE REQUESTED.

59. RESERVED.

60. RESERVED.

61. RESERVED.

64. EACH PAIR OF 300 MBTYE DISKS AFTER THE FIRST PAIR ADDS 250 MBYTES OF AMA SPACE OR 5.4 MILLION BILLED CALLS. EACH PAIR OF 340 MBYTE DISKS AFTER THE FIRST PAIR ADDS 275 MBYTES 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-MZE( ) OPERATING SYSTEM AND L-MZF( ) BASE APPLICATION. IT IS NOT NECESSARY TO ORDER L-MZE( ) AND L-MZF( ) IN ADDITION TO L-MZG( ) AND MZH( ) FOR PBX APPLICATIONS.

67. THE DCIS6 FEATURE PROVIDES DIRECT SIGNALING TO A NCP DATA BASE FOR TOLL OFFICES. ORIGINATING SCREENING OFFICE (OSO) INWATS AND
------ CONTINUED TO THE LEFT ------

RT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR
3B20* DMERT OPERATION SYSTEM,
5E7 APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E7
PG-5D013
*AT&T TRADEMARK

DWG SIZE	ISSUE
C2	15

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SHEET	A2
OF	30

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AND M19 SHOULD BE ORDERED, (MAX OF 25 LISTS M18 AND M19 PER CSS).

185. IN EACH NSD OFFICE, FOR EACH CSS PRESENT, ONE EACH OF LIST M20,M21,M22 AND M23 SHOULD BE ORDERED.

186. IN EACH NSD OFFICE, FOR EACH APS PRESENT, ONE EACH OF LISTS M24 AND M25 SHOULD BE ORDERED. (THERE WOULD BE A MAXIMUM OF 25 LISTS M24 AND M25 PER CLUSTER.)

187. THE CUSTOMER NEEDS TO DISCUSS ANNOUNCEMENT WORDINGS, RECORDING AND DIGITIZATION WITH THEIR ACCOUNT TEAM BEFORE THE DATA ON THIS TAPE CAN BE GENERATED.

188. EFFECTIVE 1/1/92, THE MULTIPOINT BRI RTU FEES WILL BE RESTRUC-TURED AS FOLLOWS:
    1) ORDER LIST MIR( ) FOR U- OR T- INTERFACE MULTIPOINT BRIS WITH FULLY INITIALIZING TERMINALS.
    2) ORDER LIST MIS( ) FOR U- OR T- INTERFACE MULTIPOINT BRIS WITH NON-INITIALIZING TERMINALS.
    3) LIST MIT( ), LIST MIU( ) AND LIST MIV( ) ARE NO LONGER ORDERABLE.

189. WHEN THIS LASS FEATURE IS USED INTERSWITCH BY AN ISDN CUSTOMER USING AN ISDN SET, THEN Q.931/CCS7 INTERWORKING (LIST MDQ) IS REQUIRED.

190. EFFECTIVE APRIL 30, 1992, THE 5ESS SWITCH SOFTWARE SUPPORT PLAN PRODUCT RATINGS FOR THE 5E7 SOFTWARE RELEASE ARE AS FOLLOWS:

RELEASE	DATE	SOFTWARE PRODUCT RATING
5E7	4/30/91	PROVISIONAL
	4/30/92	STANDARD
	4/30/93	ADDITIONS AND MAINTENANCE
	4/30/94	LIMITED AVAILABILITY
	4/30/95	DISCONTINUED AVAILABILITY

191. THIS FEATURE MAY REQUIRE NEW ANNOUNCEMENTS. THE CUSTOMER NEEDS TO CONTACT HIS/HER ACCOUNT TEAM TO DISCUSS THE PROCUREMENT OF ANY NEW ANNOUNCEMENTS.

192. RESERVED.

193. WHEN THIS LASS FEATURE IS USED INTERSWITCH BY AN ISDM CUSTOMER USING AN ISDN SET, THEN Q.931/CCS7 INTERWORKING (LIST MDQ) IS REQUIRED.

SWITCHED ACCESS EXTERNAL ARU INTERFACE
AND ONE OF THE FOLLOWING:

CCI EXTERNAL ARU INTERFACE
OR
IBM LISTING SERVICES INTERFACE

169. FOR ORDERING PURPOSES THE 340A,340B AND 340C DISK CONFIGURATION SUPPORT SCSI MOVING HEAD DISK'S (M.D.H'S). THE 300A DISK CONFIGURATION DOES NOT SUPPORT THE SCSI MOVING HEAD DISK (MHD).

170. LIST M11 REQUIRES A SPECIAL SOFTWARE SCHEDULE TWO WEEKS PRIOR TO RETROFIT. THIS INTERVAL REQUIRED ONLY FOR RETROFIT ORDERS.

171. LIST M13 REQUIRES A SPECIAL SOFTWARE SCHEDULE THREE WEEKS TO INSTALLATION TURNOVER.

172. THE CSCANS IMPROVEMENTS I FEATURE PACKAGE INCLUDES THE FOLLOWING FEATURES:
    CSCANS BWM DOWNLOAD SESSION AUTOMATION
    CSCANS BWM NUMBER UPLOAD

173. THE INTERSWITCH SIGNALING ENHANCEMENTS FEATURE PACKAGE INCLUDES THE FOLLOWING FEATURES:
    CCS7 ISDN USER PART ENHANCEMENTS
    Q.931/CCS7 ISDN USER PART INTERWORKING ENHANCEMENTS

174. BEGINNING WITH 5E7, THE BASE APPLICATIONS PACKAGE INCLUDES THE FOLLOWING FEATURE PACKAGES:
    J5D008L-1
    LISTS

    MDA( )   LOCAL OPTION
    MAC( )   TOLL OPTION
    MAB( )   SECOND BILLING OPTION
    MAF( )   CARRIER INTERCONNECT - LOCAL
    MEA( )   BASIC MAINTENANCE & ADMINISTRATION PACKAGE
    MBA( )   CIVIC SERVICES PACKAGE
    MAD( )   NETWORK MANAGEMENT CONTROLS
    MAE( )   EXTENDED NETWORK MANAGEMENT
    MEM( )   LOCAL TRAFFIC CHANNEL
    THESE LISTS ARE NOT ORDERABLE SEPARATELY WITH 5E7 AND LATER SOFTWARE RELEASES.

175. THE MECH USAGE DATA OAP REPORTS FEATURE CONSISTS OF THE FOLLOWING FEATURES:
    MECH 15 MINUTE USAGE DATA
    MECH 24 HOUR USAGE DATA

176. THE BASIC CALL VECTORING (ACD) CALL HANDLING FEATURE PACKAGE CONTAINS THE FOLLOWING FEATURES:
    CALL VECTORING
    MUSIC ON QUEUE
    ANSWER SUPERVISION CONTROL.

177. THE ENHANCED PROMPTING ON INBOUND CALLS (EPIC) FEATURE REPRESENTS THE FOLLOWING FEATURE:
    CALL INTERACTION INTERFACE TO INBOUND CALL MANAGEMENT.

178. THE COMBINED SERVICES TERMINAL (CST) EMULATOR SOFTWARE FOR ACCEPTANCE TEST CAPABILITY IS USED FOR INITIAL INSTALLATIONS BY AT&T INSTALLERS ONLY. ANY USE OTHER THAN INTENDED TESTING OF THE CST CAN CAUSE PROBLEMS WITH THE PERFORMANCE OF THE 5ESS SWITCH HARDWARE.

179. ADVANCED SERVICES PLATFORM (ASP) SERVICE SWITCHING POINT (SSP) ENHANCEMENTS IS A FEATURE PACKAGE WHICH INCLUDES THE FOLLOWING FEATURES:
    ADVANCED SERVICES PLATFORM (ASP) ENHANCEMENTS
    (5E6 VIA BWM) ADDITIONAL ADVANCED SERVICES PLATFORM (ASP) CAPABILITIES (5E8).

180. THE CICADA FEATURE PACKAGE CONSISTS OF THE FOLLOWING FEATURES:
    CICADA
    CICADA - AUTOMATED ANNOUNCEMENT PROMPT.
    REAL TIME RATING IMPROVEMENTS FOR DIRECTORY ASSISTANCE CALL COMPLETION.
    THIS FEATURE PACKAGE REQUIRES NEW ANNOUNCEMENTS THAT THE CUSTOMER MUST PROVISION THROUGH THE STANDARD CUSTOM ANNOUNCEMENTS PROCESS.

181. EACH APS CLUSTER CONSISTS OF ONE (1) CSS AND UP TO 25 APS'S.

182. IN EACH LEC OFFICE, FOR EACH CSS PRESENT, ONE EACH OF LIST M14 AND LIST M15 SHOULD BE ORDERED.

183. FOR NEW JERSEY BELL OFFICES ONE EACH OF LISTS M16 AND M17 SHOULD BE ORDERED FOR EACH CSS PRESENT.

184. IN EACH LEC OFFICE, FOR EACH APS PRESENT, ONE EACH OF LISTS M18
------ CONTINUED TO THE LEFT ------

NON-ISP TRUNK GROUP TO A VDT POSITION

153. (A). MZE( ) IS REQUIRED FOR THE OPERATING SYSTEM PORTION (INITIAL ORDER OR SM GROWTH) AND LIST MZF( ) FOR THE APPLICATIONS SYSTEMS PORTION (INITIAL ORDER, SM GROWTH OR RETROFIT ORDER).
    (B). WHEN RETROFITTING MZF(R) AND MZH(R) TO THE NEXT HIGHER LEVEL SOFTWARE RELEASE, LIST MZF(S) WHICH APPLIES ONCE PER SWITCH IS TO BE ORDERED.
    (C). SPECIFIC TO 5E7 RETROFITS, LIST MZF(S) IS TO BE ORDERED TO RETROFIT FROM 5E6.1 AND LIST MZK(S) IS TO BE ORDERED TO RETROFIT FROM 5E6.2.

154. THIS FEATURE REQUIRES A BASE BRCS PACKAGE AND, FOR INTERSWITCH APPLICATIONS, CCS7 AND TCAP. CCS7 NETWORK INTERCONNECT IS RE-QUIRED FOR INTERLATA APPLICATION.

155. THE LASS II PACKAGE PER SM (LIST MNG) AND PER LINE OR DSL (LIST MNH) CONSISTS OF THE FOLLOWING FEATURES:
    LASS SELECTIVE CALL REJECTION (LIST MNI).
    LASS SELECTIVE CALL ACCEPTANCE (LIST MNJ).
    LASS SELECTIVE CALL FORWARDING (LIST MNK).
    LASS SELECTIVE DISTINCTIVE ALERT (LIST MNL).

156. RESERVED.

157. THIS FEATURE REQUIRES ISDN I (LIST MIA), A MBKS PACKAGE (LIST MIB OR LIST MIC), OR BASIC PRI (LIST MIG). THIS FEATURE ALSO REQUIRES CCS7 (LIST MDG) AND Q.931/CCS7 INTERWORKING (LIST MDQ).

158. THIS FEATURE REQUIRES ISDN I (LIST MIA) OR A MBKS PACKAGE (LIST MIB OR LIST MIC). THIS FEATURE ALSO REQUIRES CCS7 (LIST MDG) AND Q.931/CCS7 INTERWORKING (LIST MDQ).

159. THIS FEATURE REQUIRES BASIC PRI (LIST MIG), CCS7 (LIST MDG) AND Q.931/CCS7 INTERWORKING (LIST MDQ).

160. THIS FEATURE REQUIRES CCS7 (LIST MDG) OR ECIS6/CCIS6 AND CCS7 (LIST MDE).

161. THE SCREEN LIST EDITING CAPABILITY IS INCLUDED IN THIS FEATURE.

162. THIS FEATURE REQUIRES ISDN I (LIST MIA), A MBKS PACKAGE (LIST MIB OS LIST MIC) OR BASIC PRI (LIST MIG). THIS FEATURE ALSO REQUIRES CCS7 SIGNALING (LIST MDG).

163. THIS IS A SECURED FEATURE.

164. TOLL ASSIST (TA) ENHANCEMENTS CAN BE PURCHASED ON A "PER POSI-TION" (LIST MAS) OR "PER SWITCH" (LIST MMK) BASIS. IF THERE ARE NO TA POSITIONS ON A SWITCH, THEN THE PER SWITCH FEATURE PACKAGE (LIST MMK) IS SELECTED.

165. THIS FEATURE CURRENTLY HAS TWO PHASES. PHASE 1 IS TITLED "LASS UNIDENTIFIED CALL REJECTION" WITH FEATURE NUMBER 99-5E-0790. PHASE 2 IS TITLED "LASS UNIDENTIFIED CALL REJECTION DIAL CODES" WITH FEATURE NUMBER 99-5E-1275.
    ONLY PHASE 1 OF THIS FEATURE IS AVAILABLE IN 5E5. THERE ARE CURRENTLY NO PLANS TO IMPLEMENT PHASE 2 IN 5E5. BOTH PHASE 1 AND 2 OF THIS FEATURE WILL BE AVAILABLE IN 5E6 AND LATER GENERICS. A NEW PHASE 3 IS PLANNED FOR FUTURE RELEASE, BUT WILL NOT BE MADE AVAILABLE IN 5E5.

166. AN X.25 PACKAGE IS REQUIRED FOR EACH FMC/OSC THAT IS EQUIPPED WITH AN INTELLIGENT SERIAL CONTROLLER (ISC) FEATURE CARD IN THE OAP; USUALLY THE ISC BOARD (REQUIRED ONLY IF A LINK TO AN EXTERNAL OPERATOR TROUBLE SYSTEM (E.G.,NOTES)) IS EQUIPPED IN THE FMC; HOWEVER, IT CAN BE PRESENT IN EITHER THE FMC OR OSC. THE AT&T X.25 NETWORK INTERFACE PACKAGE IS ORDERED FROM THE ED5D522-33 DRAWING.

167. THE FLEXIBLE AUTOMATIC CALL DISTRIBUTOR (ACD) CALL HANDLING FEATURE PACKAGE CAN BE ORDERED BY PC-BASED MIS CUSTOMER OR BY 3B-BASED MIS CUSTOMER. THE FEATURE PACKAGE CONTAINS THE FOLLOWING FEATURES:
    CALL VECTORING
    MUSIC ON QUEUE
    ANSWER SUPERVISION CONTROL

168. THE EXTERNAL AUDIO RESPONSE UNIT (ARU) INTERFACE FEATURE PACKAGE CONTAINS THE FOLLOWING FEATURES:
    ------ CONTINUED TO THE LEFT ------

RT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR
3B20* DMERT OPERATION SYSTEM,
5E7 APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E7
PG-5D013
*AT&T TRADEMARK

DWG SIZE	ISSUE
C2	15

J5D008M-1

AT&T

J5D008M-1

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TABLE A-FEATURES

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, 6250 BPI. DA EFF:11/22/96 FE/RA:NONE		DA	1								
ONE BLANK MAGNETIC TAPE (MINI REEL) 9 TRACK WITH AN INFORMA-TION DENSITY OF 6250 BPI. DA EFF:11/22/96 FE/RA:NONE		DA	2								
EIGHT BLANK MAGNETIC TAPES REQUIRED WHEN RETROFITTING TO THE 5E7 (PRELIMINARY) GENERIC. (SEE TABLE AB). (6250 BPI). DA EFF:03/06/92 FE:J5D008M-1,L8		DA	3								
FOUR BLANK MAGNETIC TAPES REQUIRED IN ADDITION TO LIST 3 WHEN RETROFITTING TO THE 5E7 GENERIC. (SEE TABLE AB). (6250 BPI). DA EFF:03/06/92 FE:J5D008M-1,L8		DA	4								
FOUR DOUBLE-SIDED, DOUBLE-DENSITY 96 TRACK PER INCH 5 1/4 INCH DISKETTES. DA EFF:11/22/96 FE/RA:NONE		DA	5								
ONE FLOPPY DISKETTE. DOUBLE SIDED, HIGH DENSITY, 135 TRACK PER INCH. 3 1/2 INCH DISKETTE. DA EFF:11/22/96 FE/RA:NONE		DA	6								
ONE BLANK CARTRIDGE TAPE 1/4 INCH. 10K BPI, 150 MEGABYTE CAPACITY. DA EFF:11/22/96 FE/RA:NONE		DA	7								
THREE BLANK MAGNETIC TAPES REQUIRED WHEN RETROFITTING THE 5E7 GENERIC. (SEE TABLE AD). (6250 BPI). DA EFF:11/22/96 FE/RA:NONE		DA	8								
ONE BLANK MAGNETIC TAPE (MINI REEL) 9 TRACK WITH AN INFORMATION DENSITY OF 6250 BPI. DA EFF:11/22/96 FE/RA:NONE		DA	A								
REQUIRED IN ADDITION TO LIST 6, DISKETTE INFORMATION FOR THE "COMBINED SERVICES TERMINAL (CST) EMULATOR FOR ACCEPTANCE TEST CAPABILITY." THIS FEATURE IS REQUIRED FOR THE CST SOFTWARE LIST M13, FOR INITIAL INSTALLATION ONLY, ONCE PER SITE. THIS LIST ALSO REQUIRES A SPECIAL SOFTWARE SCHEDULE THREE WEEKS PRIOR TO INSTALLATION TURNOVER. DA EFF:11/22/96 FE/RA:NONE	178	DA	B	1	TP-5D013-0B						
TWO (2) BLANK MAGNETIC TAPES (FULL REEL) 9 TRACK, 6250 BPI. DA EFF:11/22/96 FE/RA:NONE		DA	D								
REQUIRED IN ADDITION TO LIST 2 FOR MAGNETIZATION OF THE 5E7 GENERIC (TOP) TAPE OPERATING PROGRAM. DA EFF:11/22/96 FE/RA:NONE	54 56 73	DA	M1	1	TP-5D013-01 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 1 FOR MAGNETIZATION OF THE TEXT DATA FOR ADMINITRATION MODULE (AM) GENERIC PROGRAM. (REQUIRED ONCE PER OFFICE). DA EFF:11/22/96 FE/RA:NONE	54 56 64 73	DA	M2	1	TP-5D013-02 (ZZ.ZZ) VOL. 1						

TABLE-A CONTINUED

TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED IN ADDITION TO LIST 1, FOR MAGNETIZATION OF THE TEXT DATA FOR (SM)SWITCHING MODULE GENERIC PROGRAM. (REQUIRED ONCE PER OFFICE). DA EFF:11/22/96 FE/RA:NONE	54 56 64 73	DA	M3	1	TP-5D013-03 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 2, FOR MAGNETIZATION OF THE (ECD 300A) EQUIPMENT CONFIGURATION DATA ARRANGED FOR OFFICES WITH A 300A (SMALL) DISK CONFIGURATION.	54 56 64 73 169	DA	M4	1	TP-5D013-04 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 2, FOR MAGNETIZATION OF THE (ECD 340A) EQUIPMENT CONFIGURATION DATA ARRANGED FOR OFFICES WITH A 340A (SMALL) DISK CONFIGURATION. DA EFF:11/22/96 FE/RA:NONE	54 56 64 73 169	DA	M5	1	TP-5D013-05 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 2, FOR MAGNETIZATION OF THE (ECD 340B) EQUIPMENT CONFIGURATION DATA ARRANGED FOR OFFICES WITH A 340B (MEDIUM) DISK CONFIGURATION DA EFF:11/22/96 FE/RA:NONE	54 56 64 73 169	DA	M6	1	TP-5D013-06 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 2, FOR MAGNETIZATION OF THE (ECD 340C) EQUIPMENT CONFIGURATION DATA ARRANGED FOR OFFICES WITH A 340C (LARGE) DISKCONFIGURATION. DA EFF:11/22/96 FE/RA:NONE	54 56 64 73 169	DA	M7	1	TP-5D013-07 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 5 FOR THE MAGNETIZATION OF THE (OSPSAP) OSPS ADMINISTRATIVE PROCESSOR SOFTWARE. DA EFF:11/22/96 FE/RA:NONE	54 166 170	DA	M11	1 1 1 1	TP-5D013-11 (ZZ.ZZ) VOL. 1 TP-5D013-11 (ZZ.ZZ) VOL. 2 TP-5D013-11 (ZZ.ZZ) VOL. 3 TP-5D013-11 (ZZ.ZZ) VOL. 4						
REQUIRED IN ADDITION TO LIST A FOR THE MAGNETIZATION OF THE AMA BILLING TEST DATA MEMORY. DA EFF:11/22/96 FE/RA:NONE	54 99	DA	M12	1	TP-5D013-12 (ZZ.ZZ) VOL 1						
REQUIRED IN ADDITION TO LIST 6, DISKETTE INFORMATION FOR THE COMBINED SERVICES TERMINAL SOFT-WARE (CST DISK) PER POSITION. FOR RTU SEE LIST MME. FOR CST EMULATOR DISK SEE LIST B. DA EFF:11/22/96 FE/RA:NONE	54 171	DA	M13	1	TP-5D013-13 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 6, DISKETTE INFORMATION FOR OSPS CLUSTER SUPPORT SYSTEM (CSS) LOCAL EXCHANGE CARRIER (LEC) BOOT PROGRAM. DA EFF:05/04/93 FE:J5D008AC-1,LB1	181 182	DA	M14	1	TP-5D013-14 (ZZ.ZZ) VOL.1						

TABLE-A CONTINUED

RT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR
3B20* DMERT OPERATION SYSTEM,
5E7 APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E7
PG-5D013
*AT&T TRADEMARK

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TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED IN ADDITION TO LIST 7 TAPE INFORMATION FOR OSPS CLUSTER SUPPORT SYSTEM (CSS) LOCAL EXCHANGE CARRIER (LEC) APPLICATION PROGRAM. DA EFF:05/04/93 FE:J5D008AC-1,LB2	181 182	DA	M15	1	TP-5D013-15 (ZZ.ZZ) VOL 1						
REQUIRED IN ADDITION TO LIST 7, TAPE INFORMATION FOR OSPS CLUSTER SUPPORT SYSTEM (CSS) AUTOMATED ALTERNATE BILLING SERVICE (AABS) APPLICATION RECENT CHANGE DATA INITIAL LOAD FOR NEW JERSEY BELL. DA EFF:05/04/93 FE:J5D008AC-1,LB3	183	DA	M16	1	TP-5D013-16 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 7, TAPE INFORMATION FOR OSPS CLUSTER SUPPORT SYSTEM (CSS) AUTOMATED ALTERNATE BILLING SERVICE (AABS) APPLICATION DATA FOR NEW JERSEY BELL. DA EFF:05/04/93 FE:J5D008AC-1,LC2	183 187	DA	M17	1	TP-5D013-17 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 6, DISKETTE INFORMATION FOR OSPS AUTOMATED POSITION SYSTEM (APS) LOCAL EXCHANGE CARRIER (LEC) BOOT SOFTWARE. DA EFF:05/04/93 FE:J5D008AC-1,LB4	181 182 184	DA	M18	1	TP-5D013-18 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 7, TAPE INFORMATION FOR OSPS AUTOMATED POSITION SYSTEM (APS) LOCAL EXCHANGE CARRIER (LEC) APPLICATION SOFTWARE. DA EFF:05/04/93 FE:J5D008AC-1,LB5	181 182 184	DA	M19	1	TP-5D013-19 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 6, DISKETTE INFORMATION FOR OSPS CLUSTER SUPPORT SYSTEM (CSS) NSD BOOT PROGRAM SOFTWARE. DA EFF:05/04/93 FE:J5D008AC-1,LR1	181 185	DA	M20	1	TP-5D013-20 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 7, TAPE INFORMATION FOR OSPS CLUSTER SUPPORT SYSTEM (CSS) NSD APPLICATION PROGRAM SOFT-WARE. DA EFF:05/04/93 FE:J5D008AC-1,LR2	181 185	DA	M21	1	TP-5D013-21 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 7, TAPE INFORMATION FOR OSPS CLUSTER SUPPORT SYSTEM (CSS) AUTOMATED ALTERNATE BILLING SERVICE (AABS) APPLICATION RECENT CHANGE DATA INITIAL LOAD FOR NSD. DA EFF:05/04/93 FE:J5D008AC-1,LR3	181 185	DA	M22	1	TP-5D013-22 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 7, TAPE INFORMATION FOR OSPS CLUSTER SUPPORT SYSTEM (CSS) AUTOMATED ALTERNATE BILLING SERVICE (AABS) APPLICATION DATA FOR NSD. DA EFF:05/04/93 FE:J5D008AC-1,LR4	181 185 187	DA	M23	1	TP-5D013-23 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 6, DISKETTE INFORMATION FOR OSPS AUTOMATED POSITION SYSTEM (APS) NSD BOOT SOFTWARE. DA EFF:05/04/93 FE:J5D008AC-1,LR5	181 186	DA	M24	1	TP-5D013-24 (ZZ.ZZ) VOL. 1						
REQUIRED IN ADDITION TO LIST 7, TAPE INFORMATION FOR OSPS AUTOMATED POSITION SYSTEM (APS) NSD APPLICATION SOFTWARE. DA EFF:05/04/93 FE:J5D008AC-1,LR6	181 186	DA	M25	1	TP-5D013-25 (ZZ.ZZ) VOL. 1						

TABLE-A CONTINUED

TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED IN ADDITION TO LIST 1 FOR MAGNETIZATION OF DATA FOR OFFICE DEPENDENT DATA (ODD) - SLATTS. (INITIAL OFFICE). DA EFF:11/22/96 FE/RA:NONE	54 55 56	DA	MA	1	TP-ODD-XXXX-YY-ZZ (SLATTS)						
REQUIRED IN ADDITION TO LIST 1 FOR MAGNETIZATION OF DATA FOR OFFICE DEPENDENT DATA (ODD) - FULL. (INITIAL OFFICE). DA EFF:11/22/96 FE/RA:NONE	54 55 56	DA	MB	1	TP-ODD-0XXXX-YY-ZZ (FULL)						
REQUIRED IN ADDITION TO LIST D TO PROVIDE "AM ODD", "EVOLVED ECD", "SM ODD" AND "VTOC" FOR RETROFIT TO GENERIC 5E7. DA EFF:11/22/96 FE/RA:NONE	54 55 56 151	DA	MC	2	TP-ECD-XXXX-YY-ZZ (EVOLVED ECD)						
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE COMMERCIAL AUTOMATIC CALL DIS-TRIBUTOR FEATURE (CACD). SPECIFY ONE LIST MAA( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE ISDN I BASIC VOICE/DATA FEATURE PACKAGE (LIST MIA). DA EFF:11/22/96 FE/RA:NONE	51 57 75	DA	MAA								
REQUIRED IN ADDITION TO LIST MC TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR REVERTIVE PULSING FEATURE. SPECIFY ONE LIST MAG( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MAG								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE SUB ACCOUNT BILLING PER POSITION SWITCHING MODULE (PSM) FEATURE. SPECIFY ONE LIST MAH( ) PER PSM. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 83	DA	MAH								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS DIRECTORY ASSISTANCE (DA) FEATURE. SPECIFY ONE LIST MAJ( ) PER POSITION. THIS FEATURE REQUIRES THE ACD FEATURE (LIST MAL). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MAJ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BASIC NAILUP FEATURE. SPECIFY ONE LIST MAK( ) PER SM PER EX-TENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MAK								

TABLE-A CONTINUED

RT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR
3B20* DMERT OPERATION SYSTEM,
5E7 APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E7
PG-5D013
*AT&T TRADEMARK

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TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 BASIC 'AUTOMATIC CALL DISTRIBUTOR' (ACD) FEATURE. SPECIFY ONE LIST MAL( ) PER POSITION. THIS FEATURE REQUIRES ISDN I (LIST MIA). DA EFF:05/22/96 FE/RA:NONE	51 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 LIST MAM( ) PER POSITION AS AS REQUIRED. THIS FEATURE REQUIRES THE BASIC ACD(LIST MAL) AND THE CLASS 4X OFFICE (LIST MKE) FEATURES. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MAM								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS AUTOMATED MULTI-LEAF INTER-FACE. SPECIFY ONE LIST MAN( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TA/COIN FEATURE(LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 97	DA	MAN								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS AUTOQUOTE SERVICE. SPECIFY ONE LIST MAP( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TA/COIN FEATURE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 97	DA	MAP								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS FORCE MANANGEMENT SYSTEM (IFAMS) INTERFACE. SPECIFY ONE LIST MAQ( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TA/COIN FEATURE (LIST MAM) OR THE DIRECTORY ASSISTANCE FEATURE (LIST MAJ) OR THE LISTING SERVICES (LIST - MMG). DA EFF:05/22/96 FE/RA:NONE	51 57 97	DA	MAQ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS INTERFLOW FEATURE. SPECIFY ONE L-MAR( ) PER PRIMARY RATE INTERFACE (PRI). THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN (LIST MAM) AND BASIC PRI (LIST MIG FEATURES. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MAR								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE TOLL ASSIST (TA) ENHANCEMENTS PER POSITION FEATURE PACKAGE. SPECIFY ONE LIST MAS( ) PER POSITION AS REQUIRED. THIS FEATURE PACKAGE REQUIRES THE OSPS TOLL ASSIST AND COIN FEA-TURE (LIST MAM), AND THE COMMON CHANNEL SIGNALING SYSTEM 7 (CCS7) FEATURE (LIST MDG). DA EFF:05/22/96 FE/RA:NONE	51 57 164	DA	MAS								

TABLE-A CONTINUED

TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 O+/O- DIFFERENTIAL FEATURE. SPECIFY ONE LIST MAT( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MAT								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CUSTOMER ACCOUNT SERVICES (CAS)-RELEASE 1 FEATURE. SPECIFY ONE LIST MAV( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MAV								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CUSTOMER ACCOUNT SERVICES (CAS)-RELEASE 2 FEATURE. SPECIFY ONE LIST MAW( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM) AND THE CUSTOMER ACCOUNT SERVICES (CAS) RELEASE 1 FEATURE. (LIST MAV). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MAW								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS FULLY CODED ADDRESSING FEATURE. SPECIFY ONE LIST MAX( ) PER SWITCHING MODULE. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MAX								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS SUB ACCOUNT BILLING FEATURE. SPECIFY ONE LIST MAY( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE. (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 83	DA	MAY								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ENHANCED 911 (E911). SPECIFY ONE LIST MBD PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MBD								

TABLE-A CONTINUED

RT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR
3B20* DMERT OPERATION SYSTEM,
5E7 APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E7
PG-5D013
*AT&T TRADEMARK

DWG SIZE	ISSUE
C2	15

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TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT				**EQUIPMENT OR CIRCUIT DATA**					**SD EQUIVALENT**		
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR DUAL POINT CODE. SPECIFY ONE LIST MBE( ) PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MBE								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR RSM BASIC. SPECIFY ONE LIST MCA( ) PER SM PER RSM SITE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MCA								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR RSM STAND-ALONE. SPECIFY ONE LIST MCB( ) PER SM PER RSM SITE AS REQUIRED. THIS FEATURE RE-QUIRES THE RSM BASIC FEATURE (LIST MCA). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MCB								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ORM. SPECIFY ONE LIST MCC( ) PER SM PER ORM SITE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MCC								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ORM STAND-ALONE. SPECIFY ONE LIST MCD( ) PER SM PER ORM SITE AS REQUIRED. THIS FEATURE RE-QUIRES THE ORM FEATURE (LIST MCC). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MCD								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR LINE TIME SLOT BRIDGING PER SWITCH. SPECIFY ONE L-MCJ() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MCJ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR 5ESS SWITCH CIRCUIT PACK RETURN TAG. SPECIFY ONE LIST MCQ( ) PER SWITCH AS REQUIRED. DA EFF:07/08/93 FE/RA:NONE	51 57 163	DA	MCQ								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR INTRASWITCH ANALOG LINE TRANSFER (IALT). SPECIFY ONE LIST MCT( ) PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MCT								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR 108 TEST LINE CAPACITY ENHANCE-MENTS FEATURE. SPECIFY ONE LIST MCW( ) PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MCW								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR CARRIER INTERCONNECT FOR TOLL OFFICES. SPECIFY ONE LIST MDB( ) PER SM PER SITE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 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 LIST MDC( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 67	DA	MDC								

TABLE-A CONTINUED

TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT				**EQUIPMENT OR CIRCUIT DATA**					**SD EQUIVALENT**		
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ORIGINATION SCREENING OFFICE PLUS NETWORK CALL DENIAL (OSO+NCD). SPECIFY ONE LIST MDD( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 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 LIST MDE( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 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 LIST MDF( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 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 LIST MDG( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 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 LIST MDK( ) PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 92	DA	MDK								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR TRANS-ACTION CAPABILITIES (TCAP). SPECIFY ONE LIST MDL( ) PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 92	DA	MDL								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR 800 NUMBER SERVICE (800NS). SPECIFY ONE LIST MDM( ) PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 92	DA	MDM								

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PG-5D013
*AT&T TRADEMARK

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TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 ADVANCED SERVICES PLATFORM/ PRIVATE VIRTUAL NETWORK (ASP/PVN)-NETWORK ACCESS POINT (NAP) FEATURE. SPECIFY ONE LIST MDN( ) PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES CCS7 SIGNALING (LIST MDG). DA EFF:11/22/96 FE/RA:NONE	51 57 163	DA	MDN								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ADVANCED SERVICES PLATFORM/ PRIVATE VIRTUAL NETWORK (ASP/PVN)-SERVICE SWITCHING POINT (SSP) FEATURE. SPECIFY ONE LIST MDO() PER SWITCH AS RE-QUIRED. THIS FEATURE REQUIRES CCS7 SIGNALING (LIST MDG). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MDO								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR END-TO-END CALL TRACE (EECT). SPECIFY ONE LIST MDP( ) PER SM PER EXTENDED OFFICE AS REQUIRED. THIS FEATURE REQUIRES CCS7 SIGNALING (LIST MDG). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MDP								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR Q.931/ CCS7 INTERWORKING. SPECIFY ONE L-MDQ( ) PER ISDN SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 162	DA	MDQ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE COMMON CHANNEL SIGNALING SYSTEM 7 (CCS7)-NETWORK INTERCONNECT FEATURE. SPECIFY ONE LIST MDR( ) PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES CCS7 SIGNALING (LIST MDG). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MDR								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR PRE-COMPLIANT FEATURE GROUP B (FGB) CARRIER IDENTIFICATION CODE (CIC) EXPANSION. SPECIFY ONE LIST MDS() PER SWITCH AS REQUIRED. DA EFF:11/22/96 FE/RA:NONE	51 57 163	DA	MDS								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ENHANCED INWATS-TYPE BILLING ARRANGEMENT (EITA). SPECIFY ONE LIST-MDT() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MDT								
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:05/22/96 FE/RA:NONE	51 57	DA	MDU								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ADVANCED SERVICES PLATFORM (ASP) - SERVICE SWITCHING POINT (SSP) ENHANCEMENTS. SPECIFY ONE LIST MDW( ) PER SWITCH AS REQUIRED. THIS FEATURE PACKAGE REQUIRES ASP - SSP (LIST MDO). DA EFF:05/22/96 FE/RA:NONE	51 57 163 179	DA	MDW								

TABLE-A CONTINUED

TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR COIN LINE AUTOMATIC MESSAGE ACCOUNT-ING (CLAMA). SPECIFY ONE L-MDX() PER SWITCH AS REQUIRED. THIS FEATURE WILL BE AVAILABLE WITH THE 5E7 SOFTWARE UPDATE RELEASE. DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MDX								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR 800 POST DIAL DELAY MF SIGNALING RESPONSE REDUCTION. SPECIFY ONE LIST MDY() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MDY								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR 800 POST DIAL DELAY MF SIGNALING TRANSMISSION REDUCTION. SPECIFY ONE LIST MDZ() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MDZ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE INTERFACE TO THE MULTIFUNCTIONAL OPERATIONS SUPPORT SYSTEM (MFOS). SPECIFY ONE LIST MEP( ) PER SM PER SITE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MEP								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR LINE TIME SLOT BRIDGING. SPECIFY ONE LIST MEQ( ) PER SM PER SITE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MEQ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR SELECTIVE CARRIER DENIAL. SPECIFY ONE LIST MER( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MER								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ISDN OA&M FEATURE PACKAGE. SPECIFY ONE LIST MES( ) PER ISDN SM PER EXTENDED OFFICE. THIS FEATURE PACKAGE REQUIRES THE ISDN I BASIC VOICE/DATA FEATURE PACKAGE (LIST MIA). DA EFF:05/22/96 FE/RA:NONE	51 52 57	DA	MES								

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TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 FLEXIBLE AUTOMATIC NUMBER IDENTIFICATION (ANI) FEATURE. SPECIFY ONE LIST MET() PER SWITCH. DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MET								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR MODIFIED CALLING LINE DISCONNECT PROCEDURE FOR FRAUD PROTECTION. SPECIFY ONE LIST-MEU() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MEU								
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 OUTPULSING (LIST MEW). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MEV								
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:05/22/96 FE/RA:NONE	51 57 163	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:05/22/96 FE/RA:NONE	51 57 163	DA	MEX								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR GLOBAL RECENT CHANGE FOR LINES. SPECIFY ONE LIST MEY() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MEY								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR CSCANS IMPROVEMENTS I. SPECIFY ONE LIST MEZ() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 172	DA	MEZ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CCSA PER SM FEATURE. SPECIFY ONE LIST MFK( ) PER SM PER SITE AS REQUIRED. DA EFF:11/22/96 FE/RA:NONE	51 57 88	DA	MFK								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE DEFENSE SWITCHED NETWORK MULTI-FUNCTION SWITCH (DSN-MFS). SPECIFY ONE LIST MHB( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57 70	DA	MHB								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE AUTOVON II INTERFACE-END OFFICE FEATURE. SPECIFY ONE LIST MHC( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57 71	DA	MHC								

TABLE-A CONTINUED

TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 AUTOVON TANDEM FEATURE. SPECIFY ONE LIST MHD( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57 91	DA	MHD								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE AUTOVON INTERFACE FEATURE (AUTOVON II) UPDATE TO THE DEFENSE SWITCHED NETWORK MULTI-FUNCTION SWITCH (DSN-MFS). SPECIFY ONE LIST MHF( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	70 84	DA	MHF								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE AUTOVON INTERFACE UPDATE FOR ISDN ADAPTATION. SPECIFY ONE LIST MHG( ) PER ISDN SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57 96	DA	MHG								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE AUTOVON INTERFACE-CENTREX FEATURE. SPECIFY ONE LIST MHH( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57 71	DA	MHH								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ANI 6/ANI7 ON A TRUNK GROUP OR SIMU-LATED FACILITIES GROUP (SFG). SPECIFY ONE LIST MHJ() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MHJ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR SPECIFYING A DIGIT ANALYSIS SELECTOR (DAS) ON A SIMULATED FACILITIES GROUP(SFG). SPECIFY ONE LIST MHK() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES BRCS II (LIST MFB OR LIST MGB) OR BRCS CENTREX (LIST MFV). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MHK								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR INTER-SWITCH SIGNALING ENHANCEMENTS. SPECIFY ONE LIST MHL() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES CCS7 SIGNALING (LIST MDG). DA EFF:05/22/96 FE/RA:NONE	51 57 173	DA	MHL								

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DATABASE FOR GENERIC PROGRAM 5E7
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TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR 4-WIRE SUBSCRIBER ACCESS. SPECIFY ONE LIST MHM( ) PER LINE OR BRI, AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MHM								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE INTEGRATED SERVICES DIGITAL NETWORK ISDN I-BASIC VOICE/DATA FEATURE PACKAGE. SPECIFY ONE LIST MIA( ) PER DSL. DA EFF:05/22/96 FE/RA:NONE	51 57 98	DA	MIA								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN MULTIBUTTON KEY SERVICE (MBKS). SPECIFY ONE LIST MIB( ) PER DSL AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 93	DA	MIB								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN DELUXE MULTIBUTTON KEY SERVICE. SPECIFY ONE LIST MIC( ) PER DSL AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	53 57 93	DA	MIC								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN ATTENDANT SERVICES. SPECIFY ONE LIST MID( ) PER DSL AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 95	DA	MID								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN ELECTRONIC DIRECTORY SERVICE. SPECIFY ONE LIST MIE( ) PER DSL TO THE AP AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 94	DA	MIE								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN MESSAGE SERVICES. SPECIFY ONE LIST MIF( ) PER DSL TO THE AP AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 94	DA	MIF								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ISDN EXTENDED DIGITAL SUBSCRIBER LINE (EDSL). SPECIFY ONE LIST MIG( ) PER EDSL AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MIG								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE AUTOMATIC CUSTOMER STATION REARRANGEMENTS FEATURE. SPECIFY ONE LIST MIH( ) PER DSL. THIS FEATURE REQUIRES THE ISDNI-BASIC, VOICE/DATA FEATURE PACKAGE (LIST MIA). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MIH								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE GATEWAY NETWORKING PACKAGE. SPECIFY ONE LIST MIJ( ) PER ISDN SM. THIS FEATURE PACKAGE REQUIRES THE ISDN I BASIC, VOICE/DATA FEATURE PACKAGE (LIST MIA). DA EFF:05/22/96 FE/RA:NONE	51 57 94	DA	MIJ								

TABLE-A CONTINUED

TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 MULTIPLE IP TRUNK GROUPS FEATURE. SPECIFY ONE LIST MIK( ) PER ISDN SM. THIS FEATURE REQUIRES THE ISDN I BASIC, VOICE/DATA FEATURE PACKAGE (LIST MIA). DA EFF:05/22/96 FE/RA:NONE	51 57 94	DA	MIK								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR X.75' GATEWAY ACCESS. SPECIFY ONE LIST MIL( ) PER ISDN SM. THIS FEATURE REQUIRES THE ISDN I BASIC. VOICE/DATA FEATURE PACKAGE (LIST MIA). DA EFF:05/22/96 FE/RA:NONE	51 57 94	DA	MIL								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BASIC RATE INTERFACE (BRI) DATA SERVICES FEATURE PACKAGE. SPECIFY ONE LIST MIM( ) PER BRI AS REQUIRED. THIS FEATURE PACKAGE REQUIRES THE ISDN I BASIC VOICE/DATA FEATURE PACKAGE (LIST MIA). DA EFF:05/22/96 FE/RA:NONE	51 57 74	DA	MIM								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CALLING PARTY NUMBER/BILLING NUMBER (CPN/BN) TO TERMINATING PRI USER FEATURE. SPECIFY ONE LIST MIN() PER PRI. DA EFF:05/22/96 FE/RA:NONE	51 57 159	DA	MIN								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE X.25 PACKET SWITCHING ACCESS ON T1 FACILITIES, INCLUDING PRIMARY RATE INTERFACE (PRI) FEATURE. SPECIFY ONE LIST MIP( ) PER ISDN SM. THIS FEATURE REQUIRES ISDN I BASIC VOICE/DATA FEATURE PACKAGE (LIST MIA). DA EFF:11/22/96 FE/RA:NONE	51 57	DA	MIP								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE X.75 GATEWAY TO PUBLIC DATA NETWORK FEATURE. SPECIFY ONE LIST MIQ( ) PER ISDN SM. THIS FEATURE REQUIRES ISDN I-BASIC VOICE/DATA FEATURE PACKAGE (LIST MIA). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MIQ								

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REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR MULTI-POINT BASIC RATE INTERFACE (MBRI) WITH FULLY INITIALIZING TERMINALS (FIT). SPECIFY ONE LIST MIR( ) PER BRI AS REQUIRED. THIS FEATURE REQUIRES THE ISDN I (LIST MIA) OR MBKS BASIC (LIST MIB) OR MBKS DELUXE (LIST MIC). DA EFF:05/22/96 FE/RA:NONE	51 57 188	DA	MIR								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR MULTI-POINT BASIC RATE INTERFACE (MBRI) WITH NON-INITIALIZING TERMINALS (NIT). SPECIFY ONE LIST MIS( ) PER BRI AS REQUIRED. THIS FEATURE REQUIRES THE ISDN I (LIST MIA) OR MBKS BASIC (LIST MIB) OR MBKS DELUXE (LIST MIC). DA EFF:05/22/96 FE/RA:NONE	51 57 188	DA	MIS								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE T-INTERFACE MULTIPOINT DSL (MDSL) FEATURE WITH FULLY INITIALIZING TERMINALS (FIT). SPECIFY ONE LIST MIT( ) PER DSL AS REQUIRED. THIS FEATURE REQUIRES THE ISDN I-BASIC, VOICE/DATA FEATURE PACKAGE (LIST MIA) OR AN MBKS PACKAGE (LIST MIB OR LIST MIC). DA EFF:12/19/91 FE/RA:NONE	51 57	DA	MIT								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE T-INTERFACE MULTIPOINT DSL (MDSL) FEATURE WITH NON-INITIALIZING TERMINALS (NIT). SPECIFY ONE LIST MIU( ) PER DSL AS REQUIRED. THIS FEATURE REQUIRES THE ISDN I-BASIC, VOICE/DATA FEATURE PACKAGE (LIST MIA) OR AN MBKS PACKAGE (LIST MIB OR LIST MIC). DA EFF:12/19/91 FE/RA:NONE	51 57	DA	MIU								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE U-OR T-INTERFACE MULTIPOINT DSL (MDSL) FEATURE UPDATE FROM NON-INITIALIZING TO FULLY INITIALIZING TERMINALS (NIT TO FIT). SPECIFY ONE LIST MIV( ) PER DSL AS REQUIRED. DA EFF:12/19/91 FE/RA:NONE	84	DA	MIV								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CALLING PARTY NUMBER/BILLING NUMBER (CPN/BN) TO TERMINATING USER/SM FEATURE. SPECIFY ONE LIST MIX() PER ISDN SM PER SITE. DA EFF:05/22/96 FE/RA:NONE	51 57 157	DA	MIX								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE PRI ACCESS TO SELECTED IC SERVICES FEATURE. SPECIFY ONE LIST MIY( ) PER PRI. THIS FEATURE REQUIRES THE BASIC PRI (LIST MIG) FEATURE. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MIY								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE HUNT GROUP TRANSFER FOR CIRCUIT SWITCHED DATA FEATURE. SPECIFY ONE LIST MIZ( ) PER ISDN SM. THIS FEATURE REQUIRES THE BASIC PRI (LIST MIG) FEATURE. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MIZ								

TABLE-A CONTINUED

TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR COMMON CHANNEL SIGNALING (CCS) ADMINI-STRATIVE MODULE (AM) REAL TIME RELIEF FEATURE (DIRECT LINK NODE). SPECIFY ONE LIST MKA( ) PER SM PER EXTENDED OFFICE AS REQUIRED. THIS FEATURE REQUIRES CCIS6 OR CCS7 SIGNALING. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MKA								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR COMMON CHANNEL SIGNALING (CCS) COVERING DOMAIN CONTROLLED ROUTING. SPECIFY ONE LIST MKB( ) PER SM PER EXTENDED OFFICE AS REQUIRED. THIS FEATURE REQUIRES CCIS6 OR CCS7 SIGNALING. DA EFF:05/22/96 FE/RA:NONE	51 57 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 LIST MKC( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:11/22/96 FE/RA:NONE	51 57	DA	MKC								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ALLIANCE TELECONFERENCING ACCESS. SPECIFY ONE LIST MKD( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 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 LIST MKE( ) PER SM PER SITE OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MKE								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR MAC-OSS ACCESS OF BATCH RECENT CHANGE. SPECIFY ONE LIST MKF( ) PER SM PER EXTENDED OFFICE AS REQUIRED. THIS FEATURE REQUIRES THE ENHANCED MAINTENANCE AND ADMINISTRATION FEATURE (LIST MEN). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKF								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR DATA BASE QUERY SELECT-TRUNK REPORTS. SPECIFY ONE LIST MKG( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKG								

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EQUIPMENT DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 LEASED NETWORK 100 SECOND SCAN FEATURE. SPECIFY ONE LIST MKH( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKH								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR MESSAGE DETAIL RECORDING (MDR) FOR RELEASE LINK TRUNK (RLT). SPECIFY ONE LIST MKJ( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKJ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR 8 HOURS PAST MESSAGE DETAIL RECORDING (MDR). SPECIFY ONE LIST MKK( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKK								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR SPECIAL ACCESS PHASE 1. SPECIFY ONE LIST MKL( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKL								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ORIGINATING SCREENING OFFICE (OSO) AUTOMATIC MESSAGE ACCOUNTING (AMA) RECORDING FEATURE. SPECIFY ONE LIST MKM( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKM								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR FULLY CODED ADDRESSING. SPECIFY ONE LIST MKN( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKN								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR NETWORK MANAGEMENT (NM)/DOMAIN SELECTIVITY. SPECIFY ONE LIST MKO( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKO								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR SOFTWARE DEFINED NETWORK (SDN). SPECIFY ONE LIST MKP( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKP								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR AMA RECORDING FOR CENTRALIZED ATTENDANT SERVICE (CAS)/RELEASE LINK SERVICE. SPECIFY ONE LIST MKQ( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKQ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR AUTHORIZATION CODE SCREENING FOR SENDERIZED PBX'S AND STATION GROUP DESIGNATORS. SPECIFY ONE LIST MKR( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKR								

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TABLE A-FEATURES(CONTINUED)

EQUIPMENT DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 ORIGINAL CALLER'S FACILITY RESTRICTION LEVEL (FRL) ON AN ATTENDANT-EXTENDED CALL FEATURE. SPECIFY ONE LIST MKS( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKS								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE NETWORK MANAGEMENT ENHANCEMENTS FOR LEASED NETWORK (LN) FEATURE. SPECIFY ONE LIST MKT( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKT								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ISDN ACCESS TO LEASED NETWORK (LN) FEATURES. SPECIFY ONE LIST MKU( ) PER SM PER EXTENDED OFFICE AS REQUIRED. THIS FEATURE REQUIRES ISDN I (LIST MIA) OR BASIC PRI (LIST MIG). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKU								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CCS7 LEASED NETWORK (LN) INTER-OFFICE SIGNALING FEATURE. SPECIFY ONE LIST MKV( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 160 88	DA	MKV								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LEASED NETWORK (LN) ACTION POINT ROUTING AND BILLING FEATURE. SPECIFY ONE LIST MKW( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKW								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LEASED NETWORK (LN) ACTION POINT SCREENING FEATURE. SPECIFY ONE LIST MKX( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKX								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LEASED NETWORK (LN) ACTION POINT ATTENDANT FEATURE. SPECIFY ONE LIST MKY( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MKY								

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REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CCS7 NETWORK INTERCONNECTION FEATURE. SPECIFY ONE LIST MKZ( ) PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 160 88	DA	MKZ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CALL GAP ENHANCEMENT FEATURE. SPECIFY ONE LIST MLA( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MLA								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE MESSAGE DETAIL RECORDING (MDR) ON EA/CCS7/CCS7 NI/CAMA/ISDN FEATURE. SPECIFY ONE LIST MLB( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57 160 88	DA	MLB								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CUSTOMER TRAFFIC DATA (CTRF) ON EA/CCS7/CCS7 NI/CAMA/ISDN FEATURE. SPECIFY ONE LIST MLC() PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MLC								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE 100 SECOND SCAN ON EA/CCS7/CCS7 NI/CAMA/ISDN FEATURE. SPECIFY ONE LIST MLD( )PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MLD								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE TRUNK RESERVATION, WITH AUTO RE-SERVATION ARRANGEMENT FEATURE. SPECIFY ONE LIST MLE( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MLE								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE TOLL OA&M ENHANCEMENT FEATURE. SPECIFY ONE LIST MLF( ) PER SM PER EXTENDED OFFICE. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MLF								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR REMOTE PROTOCOL MONITORING ACCESS TO ISDN CHANNELS. SPECIFY ONE LIST MLG() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES BASIC PRI (LIST MIG). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MLG								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR LEASED NETWORK SERVICE SELECTIVE TRUNK RESERVATION (SSTR). SPECIFY ONE LIST MLH() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MLH								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR CCS7 ISDN USER PART NETWORK INTER-CONNECT (PHASE 2). SPECIFY ONE LIST MLJ() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES CCS7 NETWORK INTERCONNECT (PHASE 1) (LIST MKZ). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MLJ								

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DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR TOLL MAINTENANCE AND ADMINISTRATION. SPECIFY ONE LIST MLK() PER SM PER EXTENDED OFFICE AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MLK								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR DELIVERY OF TRUNK GROUP MAIN-TENANCE COUNTS TO RNMS. SPECIFY ONE LIST MLL() PER SWITCH AS REQUIRED. DA EFF:11/22/96 FE/RA:NONE	51 57 88	DA	MLL								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR DIRECT INTERFACE TO RNMS. SPECIFY ONE L-MLM() PER SWITCH AS REQUIRED. THIS FEATURE WILL BE AVAILABLE WITH THE 5E7 SOFTWARE UPDATE. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MLM								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR NM DATA COLLECTION FOR 2000 TRUNK GROUPS. SPECIFY ONE L-MLN() PER SWITCH AS REQUIRED. THIS FEATURE WILL BE AVAILABLE WITH THE 5E7 SOFTWARE UPDATE RELEASE. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MLN								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR LOCAL CHARGE PREVENTION ON X.75 DTE. SPECIFY ONE L-MLP() PER PRI AS REQUIRED. THIS FEATURE WILL BE AVAILABLE WITH THE 5E7 SOFTWARE UPDATE RELEASE. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MLP								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR REMOTE PROTOCOL ANALYSIS BY RMS-D3 FOR FTS-2000. SPECIFY ONE L-MLQ() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES RMS-D3/TOPAS/5ESS INTERFACE (LIST MKC) AND REMOTE PROTOCOL MONITORING ACCESS TO ISDN CHANNELS (LIST MLG). THIS FEATURE WILL BE AVAILABLE WITH THE 5E7 SOFTWARE UPDATE RELEASE. DA EFF:10/03/91 FE/RA:NONE	51 57 88	DA	MLQ								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CONTROL OVER MF OUTPULSING LEVEL FEATURE. SPECIFY ONE LIST MLW( ) PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MLW								

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DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE NCP (NETWORK CONTROL POINT) DIP ELIMINATION FOR FTS 2000 TERMINATING 800 CALLS FEATURE. SPECIFY ONE LIST MLX( ) PER SWITCH AS REQUIRED. DA EFF:11/22/96 FE/RA:NONE	51 57	DA	MLX								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ELIMINATION OF ANI REQUIREMENTS ON ASN-FTS 2000 FEATURE. SPECIFY ONE LIST MLY( ) PER SWITCH AS REQUIRED. DA EFF:11/22/96 FE/RA:NONE	51 57	DA	MLY								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE MULTIPLE DATA BASE ACCESS FEATURE. SPECIFY ONE LIST MMA( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE BASIC AUTOMATIC CALL DISTRIBUTOR (ACD) FEATURE (LIST MAL), AUTOMATED MULTI-LEAF FEATURE (LIST MAN) OR LISTING SERVICES PRESENTATION PROTOCOL FEATURE (LIST-MMP). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MMA								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE IMPROVED THIRD NUMBER ACCEPTANCE FEATURE. SPECIFY ONE LIST MMB( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MMB								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE EXTERNAL AUDIO RESPONSE UNIT (ARU) INTERFACE FEATURE PACKAGE. SPECIFY ONE LIST MMC( ) PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE LISTING SERVICES FEATURE PACKAGE (LIST MMG). DA EFF:05/22/96 FE/RA:NONE	51 57 168	DA	MMC								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE MORE EFFICIENT CALL HANDLING FEATURE. SPECIFY ONE LIST MMD( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MMD								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE COMBINED SERVICES FEATURE. SPECIFY ONE LIST MME( ) PER POSITION AS REQUIRED. REQUIRED IN ADDITION TO LIST M13. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MME								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE DIRECT INTERNATIONAL ORIGINATION FEATURE. SPECIFY ONE LIST MMF( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MMF								

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DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 LISTING SERVICES FEATURE. SPECIFY ONE LIST MMG( )PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE BASIC ACD FEATURE PACKAGE. (LIST MAL). DA EFF:11/22/96 FE/RA:NONE	51 57	DA	MMG								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE FLEXIBLE AUTOMATIC CALL DISTRIBUTOR (ACD) CALL HANDLING FEATURE PACKAGE PER PC-MIS CUSTOMER.SPECIFY ONE LIST MMI( ) PER PC-MIS CUSTOMER REQUIRED. THIS FEATURE REQUIRES THE COMERCIAL AUTOMATIC CALL DISTRIBUTOR (CADC) FEATURE PACKAGE (LIST MAA). DA EFF:05/04/93 FE/RA:NONE	51 57 167	DA	MMI								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE TELESERVICES AGENT DATA BASE ACCESS FEATURE. SPECIFY ONE LIST MMJ( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE COMMERCIAL AUTOMATIC CALL DISTRIBUTOR (CADC) FEATURE PACKAGE (LIST MAA). DA EFF:11/22/96 FE/RA:NONE	51 57 163	DA	MMJ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE TOLL ASSIST (TA) ENHANCEMENTS PER SWITCH FEATURE PACKAGE. SPECIFY ONE LIST MMK( ) PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM) AND THE COMMON CHANNEL SIGNALING SYSTEM 7 (CCS7) FEATURE (LIST MDG). DA EFF:05/22/96 FE/RA:NONE	51 57 152 164	DA	MMK								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE MORE EFFICIENT CALL HANDLING (MECH) AND IMPROVED THIRD NUMBER ACCEPTANCE (ITNA) FEATURE PACKAGE FOR ATT-NSD. SPECIFY ONE LIST MMN() PER PSM AS REQUIRED. THIS FEATURE REQUIRES OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MMN								

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DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 FLEXIBLE AUTOMATIC CALL DISTRI-BUTOR (ACD) CALL HANDLING FEATURE PACKAGE PER 3B-MIS CUSTOMER. SPECIFY ONE LIST MMO() PER 3B-MIS CUSTOMER AS REQUIRED. THIS FEATURE REQUIRES THE COM-MERCIAL AUTOMATIC CALL DISTRI-BUTOR (ACD) FEATURE PACKAGE (LIST MAA). DA EFF:05/04/93 FE/RA:NONE	51 57 167	DA	MMO								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LISTING SERVICES PRESENTATION PROTOCOL FEATURE. SPECIFY ONE LIST MMP() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS COMBINED SERVICES FEATURE (LIST MME) AND LISTING SERVICES FEATURE (LIST MMG). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MMP								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE DIRECTORY ASSISTANCE CALL COMPLETION FEATURE. SPECIFY ONE LIST MMQ() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE LISTING SERVICES FEATURE (LIST MMG) AND EXTERNAL ARU FEATURE (LIST MMC). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MMQ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE INTERCEPT FEATURE. SPECIFY ONE LIST MMR() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE LISTING SERVICES FEATURE (LIST MMG) AND EXTERNAL ARU FEATURE (LIST MMC). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MMR								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE INTERCEPT CALL COMPLETION FEATURE. SPECIFY ONE LIST MMS() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE INTERCEPT FEATURE (LIST MMR). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MMS								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CUSTOMER ACCOUNT SERVICES (CAS)-RELEASE 3 FEATURE. SPECIFY ONE LIST MMT() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM) AND THE CAS-RELEASE 2 FEATURE (LIST MAW). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MMT								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS INTERFACE TO VOICE MESSAGING SERVICE (VMS) FOR AUTOMATED CALLS FEATURE. SPECIFY ONE LIST MMU() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TA/COIN FEATURE (LIST MAM). DA EFF:11/22/96 FE/RA:NONE	51 57 88	DA	MMU								

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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
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS TERMINATING CODE SCREENING FEATURE. SPECIFY ONE LIST MMV() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MMV								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ALTERNATE ACCESS TO OPERATOR SERVICES (AATOS) AND SOFTWARE DEFINED NETWORK, NETWORK REMOTE ACCESS (SDN/NRA) FEATURE. SPECIFY ONE LIST MMW() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM) AND THE CAS-RELEASE 3 FEATURE (LIST MMT). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MMW								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE PRE-COMPLIANT FEATURE GROUP B (FGB) CARRIER IDENTIFICATION CODE (CIC) EXPANSION FOR OSPS FEATURE. SPECIFY ONE LIST MMX() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MMX								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE 891 FORMAT CREDIT CARD FEATURE. SPECIFY ONE LIST MMY() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TA/ COIN FEATURE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MMY								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE 10XXX UNBLOCKING FRAUD PRE-VENTION FEATURE. SPECIFY ONE LIST MMZ() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TA/COIN FEATURE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 88 163	DA	MMZ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LOCAL AREA SIGNALING SERVICES (LASS) I PACKAGE/SM. SPECIFY ONE LIST MNA( ) PER SM PER SITE. DA EFF:05/22/96 FE/RA:NONE	51 57 78 79 154 189	DA	MNA								

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REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LOCAL AREA SIGNALING SERVICES (LASS) I PACKAGE/LINE OR DSL. SPECIFY ONE LIST MNB( ) PER LINE OR DSL. DA EFF:05/22/96 FE/RA:NONE	51 57 78 79 154 189	DA	MNB								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LOCAL AREA SIGNALING SERVICES (LASS) AUTOMATIC CALLBACK FEATURE. SPECIFY ONE LIST MNC( ) PER SM PER SITE. DA EFF:05/22/96 FE/RA:NONE	51 57 154 189	DA	MNC								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LOCAL AREA SIGNALING SERVICES (LASS) AUTOMATIC RECALL FEATURE. SPECIFY ONE LIST MND( ) PER SM PER SITE. DA EFF:05/22/96 FE/RA:NONE	51 57 154 189	DA	MND								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LOCAL AREA SIGNALING SERVICES (LASS) CUSTOMER ORIGINATED TRACE FEATURE. SPECIFY ONE LIST MNE( ) PER SM PER SITE. DA EFF:05/22/96 FE/RA:NONE	51 57 154	DA	MNE								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LOCAL AREA SIGNALING SERVICES (LASS) INDIVIDUAL CALLING LINE IDENTIFICATION (ICLID) FEATURE. SPECIFY ONE LIST MNF( ) PER SM PER SITE. DA EFF:05/22/96 FE/RA:NONE	51 57 154 189	DA	MNF								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LOCAL AREA SIGNALING SERVICES (LASS) II PACKAGE PER SM. SPECIFY ONE LIST MNG( ) PER SM PER SITE. DA EFF:05/22/96 FE/RA:NONE	51 57 79 154 155 161 189	DA	MNG								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LOCAL AREA SIGNALING SERVICES (LASS) II PACKAGE PER LINE. SPECIFY ONE LIST MNH( ) PER LINE OR BRI. DA EFF:05/22/96 FE/RA:NONE	51 57 79 154 155 161 189	DA	MNH								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LASS SELECTIVE CALL REJECTION FEATURE. SPECIFY ONE LIST MNI( ) PER SM PER SITE. DA EFF:05/22/96 FE/RA:NONE	51 57 154 161 189	DA	MNI								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LASS SELECTIVE CALL ACCEPTANCE FEATURE. SPECIFY ONE LIST MNJ( ) PER SM PER SITE. DA EFF:05/22/96 FE/RA:NONE	51 57 154 161 189	DA	MNJ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE LASS SELECTIVE CALL FORWARDING FEATURE. SPECIFY ONE LIST MNK( ) PER SM PER SITE. DA EFF:05/22/96 FE/RA:NONE	51 57 154 161 189	DA	MNK								

TABLE-A CONTINUED

Right Table

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 LASS SELECTIVE DISTINCTIVE ALERT FEATURE. SPECIFY ONE LIST MNL( ) PER SM PER SITE. DA EFF:05/22/96 FE/RA:NONE	51 57 154 161 189	DA	MNL								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR LASS AUTOMATIC CALLBACK (AC)/CUSTOMER ORIGINATED TRACE (COT) 2 LEVEL ACTIVATION. SPECIFY ONE LIST-MNM() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES LASS I (LIST MNA OR MNB), LASS AUTOMATIC CALLBACK (LIST MNC) OR LASS CUSTOMER ORIGINATED TRACE (LIST MNE). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MNM								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR LASS AUTOMATIC RECALL (AR)/AUTOMATIC CALLBACK(AC) DUAL TIMER QUEUING ACTIVATION. SPECIFY ONE LIST MNN () PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES LASS I (LIST MNA OR MNB), LASS AUTOMATIC CALLBACK (LIST MNC) OR LASS AUTOMATIC RECALL (LIST MND). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MNN								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR LASS UNIDENTIFIED CALL REJECTION (UCR). SPECIFY ONE LIST-MNP() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 163 165	DA	MNP								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR LASS REMOVE ISDN CUSTOMER ORIGINATED TRACE (COT) AGENCY FOLLOWING NUMBER. SPECIFY ONE LIST-MNQ() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES LASS I (LIST MNA OR MNB), OR LASS CUSTOMER ORIGINATED TRACE (LIST MNE). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MNQ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR LASS PRIVATE OPTION FOR LAST INCOMING NUMBER (POLIN). SPECIFY ONE LIST-MNR() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES LASS I (LIST MNA OR MNB), OR LASS II (LIST MNG OR MNH). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MNR								

TABLE-A CONTINUED

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5ESS* SWITCHING EQUIPMENT
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3B20* DMERT OPERATION SYSTEM,
5E7 APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E7
PG-5D013
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EQUIPMENT				EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR CALLING PARTY NUMBER PRESENTATION CAPABILITY. SPECIFY ONE LIST-MNS() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MNS							
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ANALOG CALLING NAME DELIVERY. SPECIFY ONE L-MNU() PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 154 163	DA	MNU							
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR LASS NPA SPLIT RESOLUTION. SPECIFY ONE LIST MNV( ) PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES AT LEAST ONE OF THE FOLLOWING FEATURES: LASS I PER SM (LIST MNA), OR LASS I PER LINE (LIST MNB), OR AUTOMATIC CALLBACK (LIST MNC), OR AUTOMATIC RECALL (LIST MND), OR LASS II PER SM (LIST MNG), OR LASS II PER LINE (LIST MNH) OR SELECTIVE CALL ACCEPTANCE (LIST MNJ), OR SELECTIVE CALL REJECTION LIST (MNI), OR SELECTIVE CALL FORWARDING (LIST MNK), OR SELECTIVE DISTINCTIVE ALERTING (LIST MNL). DA EFF:05/22/96 FE/RA:NONE	51 57 154 163	DA	MNV							
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR RETURN CALL AUTOMATIC MESSAGE ACCOUNT-ING (AMA). SPECIFY ONE LIST MNW( ) PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES LASS I PER SM (LIST MNA) OR LASS I PER LINE (LIST MNB) OR LASS AUTOMATIC CALLBACK (LIST MNC) OR LASS AUTOMATIC RECALL (LIST MND). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MNW							
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE FORCED PRIVACY ON INTERSWITCH OUTGOING CALLS FEATURE. SPECIFY ONE LIST MNY( ) PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES CC57 TRUNK SIGNALING (LIST MDG). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MNY							
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE FE/RA:NONEIT TREATMENT FEATURE. SPECIFY ONE LIST MTA() PER PO-SITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TA/COIN FEATURE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 88 163	DA	MTA							
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR "OSPS EMERGENCY INTERRRUPT AMA" FEATURE. SPECIFY ONE LIST MTB() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MTB							
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS INTERFACE TO VMS - RELEASE 2. SPECIFY ONE LIST MTC() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MTC							

TABLE-A CONTINUED

EQUIPMENT				EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CALLING PARTY NUMBER DELIVERY FEATURE FOR A 3B-BASED MIS CUSTOMER. SPECIFY ONE MTD() PER 3B-BASED MIS CUSTOMER AS REQUIRED. THIS FEATURE REQUIRES THE CACD FEATURE (LIST MAA) AND COMMON CHANNEL SIGNALING SYSTEM 7 FEATURE (LIST MDG). DA EFF:06/17/92 FE:J5D008M-1,LNAA	51 57	DA	MTD							
REQUIRED TO PROVIDE THE RIGHT-TO-USE FEE (RTU) LICENSE FEE FOR THE CALLING PARTY NUMBER DELIVERY FEATURE FOR A PC-BASED MIS CUSTOMER. SPECIFY ONE LIST MTE() PER PC-BASED MIS CUSTOMER AS REQUIRED. THIS FEATURE REQUIRES THE CACD FEATURE (LIST MAA) AND COMMON CHANNEL SIGNALING SYSTEM 7 FEATURE LIST (MDG). DA EFF:06/17/92 FE:J5D008M-1,LNAA	51 57	DA	MTE							
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE 'ANI BILLING NUMBER FROM ORIGINATING MF SIGNAL FOR OSPS' FEATURE. SPECIFY ONE LIST MTF() PER TA SWITCH. THIS FEATURE REQUIRES THE COMMON CHANNEL SIGNALING SYSTEM 7 FEATURE (LIST MDG) AND TOLL ASSISTANCE AND COIN FEATURE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MTF							
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "OSPS FRONT END BRANDING" FEATURE. SPECIFY ONE LIST MTG () PER TA SWITCH. THIS FEATURE REQUIRES THE TOLL AND ASSISTANCE AND COIN FEATURE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MTG							
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "891 FORMAT CREDIT CARD SERVICE" FEATURE. SPECIFY ONE LIST MTH () PER TA SWITCH. THIS FEATURE REQUIRES THE TOLL AND ASSISTANCE FEATURE (LIST MMK) AND THE SIGNALING SYSTEM 7 (SS7) FEATURE (LIST MDG). DA EFF:10/03/91 FE/RA:NONE	51 57	DA	MTH							
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "FEATURE GROUP B ACCESS CHARGE" FEATURE. SPECIFY ONE LIST MTI() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MTI							

TABLE-A CONTINUED

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TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "LIDB ERROR HANDLING CHANGES" FEATURE. SPECIFY ONE LIST MTJ() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MTJ								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ORIGINATING LINE SCREENING (OLS) CODE EXPANSION FEATURE. SPECIFY ONE LIST MTK() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TA/COIN FEATURE PACKAGE LIST (MAM). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MTK								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BASIC CALL VECTORING (ACD) FEATURE PACKAGE. SPECIFY ONE LIST MTL() PER CUSTOMER OWNED MIS OR PER EACH COMMERCIAL CUSTOMER ASSIGNED TO A TELCO OWNED MIS. THIS FEATURE REQUIRES THE COMMERCIAL AUTOMATIC CALL DISTRIBUTOR (CADC) FEATURE PACKAGE (LIST MAA). DA EFF:05/22/96 FE/RA:NONE	51 57 176	DA	MTL								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ENHANCED PROMPTING ON INBOUND CALLS (EPIC) FEATURE. SPECIFY ONE LIST MTM() PER CALLER PROMPT ANNOUNCEMENT AS REQUIRED. THIS FEATURE REQUIRES THE BASIC CALL VECTORING FEATURE PACKAGE (LIST MTL). DA EFF:05/22/96 FE/RA:NONE	51 57 163 177	DA	MTM								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OSPS COMMERCIAL CREDIT CARD VALIDATION USING BELL CORE-DEFINED PROTOCOL FEATURE. SPECIFY ONE LIST MTN() PER TA POSITION OR CST POSITION USED FOR TA FUNCTIONALITY AS REQUIRED. THIS FEATURE REQUIRES TOLL ASSIST AND COIN FEATURE (LIST MAM) AND 891 FORMAT CREDIT CARD FEATURE (LIST MMY). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MTN								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE 891 CARD VALIDATION USING BELL CORE-DEFINED PROTOCOL FEATURE. SPECIFY ONE LIST MTO() PER TA POSITION OR CST POSITION USED FOR TA FUNCTIONALITY AS REQUIRED. THIS FEATURE REQUIRES TOLL ASSISTS AND COIN FEATURE (LIST MAM) AND 891 FORMAT CREDIT CARD FEATURE (LIST MMY). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MTO								
REQUIRED TO PROVIDE THE RIGHT-TO-USE LICENSE FEE FOR THE "DA CALL COMPLETION" FEATURE PRICED ON A PER INTERNAL, PLUS EXTERNAL ARU. SPECIFY ONE LIST (MTQ) PER DA CALL COMPLETION INTERNAL, PLUS EXTERNAL ARU. THIS FEATURE REQUIRES THE LISTING SERVICES FEATURE (LIST MTZ) AND THE EXTERNAL ARU FEATURE (LIST MTX). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MTQ								

TABLE-A CONTINUED

TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE THE RIGHT-TO-USE(RTU) LICENSE FEE FOR THE "LISTING SERVICES (LS)" FEATURE PRICED ON A PER SWITCH BASIS. SPECIFY ONE LIST (MTR) PER LISTING SERVICES SWITCH. THIS FEATURE REQUIRES THE BASIC AND ACD FEATURE (LIST MAL). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MTR								
REQUIRED TO PROVIDE THE RIGHT-TO-USE LICENSE FEE FOR THE "INTERCEPT" FEATURE PRICED ON A PER ARU T1 SPAN BASIS. SPECIFY ONE LIST (MTS) PER INTERCEPT ARU T1 SPAN. THIS FEATURE REQUIRES THE EXTERNAL ARU FEATURE (LIST MTX). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MTS								
REQUIRED TO PROVIDE THE RIGHT-TO-USE LICENSE FEE FOR THE "INTERCEPT CALL COMPLETION" FEATURE PRICED ON A PER ARU T1 SPAN BASIS. SPECIFY ONE LIST (MTT) PER INTERCEPT CALL COMPLETION ARU T1 SPAN. THIS FEATURE REQUIRES THE INTERCEPT FEATURE (LIST MTS). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MTT								
REQUIRED TO PROVIDE THE RIGHT-TO-USE LICENSE FEE FOR THE "AUTOMATED POSITION SYSTEM" FEATURE. SPECIFY ONE LIST (MTV) PER AUTOMATED POSITION. THE "AUTOMATED SEQUENCE DIALING", "SWITCH CHANGES FOR AUTOMATED POSITION" AND "IMPROVED AUTOMA-TED POSITION CALL SELECTION" FEATURES ARE INCLUDED. THIS FEATURE REQUIRES TOLL ASSIST AND COIN FEATURE (LIST MAM). DA EFF:11/22/96 FE/RA:NONE	51 57	DA	MTV								
REQUIRED TO PROVIDE THE RIGHT-TO-USE LICENSE FEE FOR THE "EXTERNAL ARU" FEATURE PRICED ON A ARU T1 SPAN BASIS. SPECIFY ONE LIST (MTX) PER EXTERNAL ARU T1 SPAN. THIS FEATURE REQUIRES THE LISTING SERVICES FEATURE (LIST MTZ). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MTX								
REQUIRED TO PROVIDE THE RIGHT-TO-USE LICENSE FEE FOR THE "REAL TIME RATING IMPROVEMENTS FOR DACC" FEATURE. SPECIFY ONE LIST MTY PER SWITCH. THIS FEATURE REQUIRES THE DA CALL COMPLETION FEATURE (LIST MMQ). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MTY								

TABLE-A CONTINUED

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DATABASE FOR GENERIC PROGRAM 5E7
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TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE THE RIGHT-TO-USE LICENSE FEE FOR THE "LISTING SERVICES" (LS) FEATURE PRICED ON A PER INTERNAL, PLUS EXTERNAL ARU. SPECIFY ONE LIST (MTZ) PER LS INTERNAL, PLUS EXTERNAL ARU. THIS FEATURE REQUIRES THE BASIC ACD FEATURE (LIST MAL). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MTZ								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "ACCESS TO LINE INFORMATION DATA BASE (LIDB), EXCHANGE ALTERNATE BILLING SERVICES (EABS), AND EXPANDED CALL TYPE DETERMINATION (ECTD) CAPABILITIES" FEATURES. SPECIFY ONE LIST MUA() PER POSITION AS REQUIRED. THIS FEATURE PACKAGE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE LIST (MAM), AND THE COMMON CHANNEL SIGNALING SYSTEM 7 (CCS7) FEATURE (LIST MDG). DA EFF:11/22/96 FE/RA:NONE	51 57 88	DA	MUA								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "CALLED NUMBER IN LIDB SIGNALING PROTOCOL" FEATURE. SPECIFY ONE LIST MUB() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES ONE OF THE FOLLOWING PACKAGES: TOLL ASSIST (TA) ENHANCEMENTS PER POSITION PACKAGE (LIST MAS) OR TOLL ASSIST (TA) ENHANCEMENTS PER SWITCH PACKAGE (LIST MMK) OR THE ACCESS TO LINE INFORMATION DATA BASE (LIDB), EXCHANGE ALTERNATE BILLING SERVICES (EABS) AND EXPANDED CALL TYPE DETERMINATION (ECTD) CAPABILITIES FEATURE PACKAGE (LIST MUA). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MUB								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "DIRECT INTERNATIONAL ORIGINATION (DIOR) COUNTRY TO COUNTRY COLLECT BLOCKING" FEATURE. SPECIFY ONE LIST MUC() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE DIRECT INTERNATIONAL ORIGINATION FEATURE (LIST MMP). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MUC								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "INCLUSION OF 10+4 CARDS IN THE CARD RECOGNITION TABLE" FEATURE. SPECIFY ONE LIST MUD() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE PAKCAGE (LIST MAM) AND THE CUSTOMER ACCOUNT SERVICES (CAS) RELEASE 3 FEATURE (LIST MMT). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MUD								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "DIRECT INTERNATIONAL ORIGIN-ATIONS (DIOR) AUTOMATED INITIAL CALLS" FEATURE. SPECIFY ONE LIST MUE() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM) AND THE DIRECT INTER-NATIONAL ORIGINATIONS (DIOR) FEATURES (LIST MMF). DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MUE								

TABLE-A CONTINUED

TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "UNBLOCKING 900 FOR RATE QUOTES" FEATURE. SPECIFY ONE LIST MUF() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MUF								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "PRIVATE BRANCH EXCHANGE (PBX) TRUNK ACCESS TO OSPS" FEATURE. SPECIFY ONE LIST MUG() PER POS-ITION AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MUG								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "SPECIALIZED HANDLING FOR 700 CALLS" FEATURE. SPECIFY ONE LIST MUH() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:11/22/96 FE/RA:NONE	51 57 88 163	DA	MUH								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "MORE EFFICIENT CALL HANDLING (MECH) USAGE DATA OAP REPORTS FEATURE PACKAGE". SPECIFY ONE LIST MUI() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM) AND THE MORE EFFICIENT CALL HANDLING (MEECH) FEATURE (LIST MMD). DA EFF:05/22/96 FE/RA:NONE	51 57 163 175	DA	MUI								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "OSPS INTERFACE TO VMS - RELEASE 3" FEATURE. SPECIFY ONE LIST MUJ( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM) AND THE OSPS INTERFACE TO VMS - RELEASE 2 FEATURE (LIST MTC) THIS FEATURE WILL BE AVAILABLE WITH 5E7 SOFT-WARE UPDATE RELEASE. DA EFF:05/22/96 FE/RA:NONE	51 57 88 191	DA	MUJ								

TABLE-A CONTINUED

RT13

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5E7 APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E7
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Left Table

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE THE RIGHT-TO-USE(RTU) LICENSE FEE FOR THE "CARRIER SPECIFIC ROUTING FOR INTERNATIONAL CARD CALLS" FEATURE. SPECIFY ONE LIST MUK( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM) AND THE CUSTOMER ACCOUNT SERVICES - RELEASE 3 FEATURE (LIST MMT) THIS FEATURE WILL BE AVAILABLE WITH 5E7 SOFTWARE UPDATE RELEASE. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MUK								
REQUIRED TO PROVIDE THE RIGHT-TO-USE LICENSE FEE FOR THE "ENHANCED SERVICES PROVIDER CREDIT CHECKING (ESP/CC)" FEATURE. SPECIFY ONE LIST MUL( ) PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM) AND THE CUSTOMER ACCOUNT SERVICES - RELEASE 3 FEATURE (LIST MMT). THIS FEATURE WILL BE AVAILABLE WITH 5E7 SOFTWARE UPDATE RELEASE. DA EFF:05/22/96 FE/RA:NONE	51 57 88	DA	MUL								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "AUTOMATED SEQUENCE DIALING FOLLOWING OPERATOR RELEASE" FEATURE. SPECIFY ONE LIST MUW() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MUW								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "COMPLETION OF INTERLATA CALLS ACCESSING DIRECTORY ASSISTANCE (CICADA) FEATURE PACKAGE". SPECIFY ONE LIST (MUX)() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:11/22/96 FE/RA:NONE	51 57 88 163 180	DA	MUX								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "BLOCKING 10+4 CARDS FOR 900 CARD CALLS" FEATURE. SPECIFY ONE LIST MUY() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 88 163	DA	MUY								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "SPECIALIZED HANDLING FOR 700 CALLS - RELEASE 2" FEATURE. SPECIFY ONE LIST MUZ() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE SPECIALIZED HANDLING FOR 700 CALLS FEATURE (LIST MUH). DA EFF:11/22/96 FE/RA:NONE	51 57 88 163	DA	MUZ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CALLING PARTY NUMBER/BILLING NUMBER (CPN/BN) TRANSMITTAL IN 5ESS PRIVATE NETWORK ENVIRONMENT FEATURE. SPECIFY ONE LIST MVA( ) PER ISDN SM. THIS FEATURE REQUIRES THE BASIC PRI (LIST MIG) FEATURE. DA EFF:11/22/96 FE/RA:NONE	51 57	DA	MVA								

TABLE-A CONTINUED

Right Table

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 QUEUING FOR CIRCUIT SWITCHED DATA MULTILINE HUNT GROUPS FEATURE. SPECIFY ONE LIST MVB( ) PER ISDN SM. THIS FEATURE RE-QUIRES THE BASIC PRI (LIST MIG) FEATURE. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MVB								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE SUPERVISORY CONSOLE FOR MULTI-LINE HUNT GROUP QUEUING FEATURE. SPECIFY ONE LIST MVC( ) PER ISDN SM. THIS FEATURE REQUIRES THE BASIC PRI (LIST MIG) FEATURE. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MVC								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ELECTRONIC TANDEM NETWORK (ETN) ON PRIMARY RATE INTERFACE (PRI) FEATURE. SPECIFY ONE LIST MVD() PER PRI. THIS FEATURE REQUIRES THE BASIC PRI (LIST MIG) FEATURE. DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MVD								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE ELECTRONIC TANDEM NETWORK (ETN) INTERWORKING IN 5ESS SWITCH PRIVATE NETWORK FEATURE. SPECIFY ONE LIST MVE() PER ISDN SM. THIS FEATURE REQUIRES THE BASIC PRI (LIST MIG) FEATURE. DA EFF:11/22/96 FE/RA:NONE	51 57	DA	MVE								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CALL BY CALL ACCESS FEATURE. SPECIFY ONE LIST MVF( ) PER ISDN SM. THIS FEATURE REQUIRES THE BASIC PRI (LIST MIG) FEATURE	51 57	DA	MVF								
REUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CALLING PARTY NUMBER/BILLING NUMBER (CPN/BN) TO TERMINATING BRI USER FEATURE. SPECIFY ONE LIST MVG( ) PER BRI. DA EFF:05/22/96 FE/RA:NONE	51 57 158	DA	MVG								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BRCS SUPPLEMENTARY SERVICES FEATURE. SPECIFY ONE LIST MVH( ) PER BRI. THIS FEATURE REQUIRES THE ISDN I BASIC VOICE/DATA FEATURE PACKAGE (LIST MIA). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MVH								

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DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 DUAL TELEPHONE COVERAGE FEATURE. SPECIFY ONE LIST MVJ( ) PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE MESSAGE SERVICES (LIST MIF) FEATURE. DA EFF:07/08/93 FE/RA:NONE	51 57	DA	MVJ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE EXECUTIVE RINGER CUTOFF FEATURE. SPECIFY ONE LIST MVK( ) PER SWITCH. THIS FEATURE REQUIRES EITHER THE MBKS BASIC PACKAGE (LIST MIB) OR THE MBKS DELUXE PACKAGE (LIST MIC). (R,S) DA EFF:05/22/96 FE/RA:NONE	51 57 99 163	DA	MVK								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN MBKS AUTOMATIC EXCLUSION. SPECIFY ONE LIST MVL() PER BRI AS REQUIRED. THIS FEATURE REQUIRES ISDN MBKS BASIC (LIST MIB) OR ISDN MBKS DELUXE (LIST MIC). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MVL								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ENHANCEMENTS TO X.25 PACKET SWITCHING FOR TRUSTED DTE. SPECIFY ONE LIST MVM() PER DATAKIT LINK AS REQUIRED. THIS FEATURE REQUIRES ISDN I (LIST MIA). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MVM								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR REMOTE PROTOCOL ACCESS. SPECIFY ONE LIST MVN() PER SWITCH AS RE-QUIRED. THIS FEATURE REQUIRES THE ISDN OA & M PACKAGE (LIST MES). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MVN								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR AM BASED PROTOCOL MONITOR TRANSLATOR. SPECIFY ONE LIST-MVP() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE ISDN OA&M PACKAGE (LIST MES). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MVP								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN ATTENDANT OFFERED LOAD STATISTICS. SPECIFY ONE L-MVT() PER BRI AS REQUIRED. THIS FEATURE REQUIRES ISDN ATTENDANT SERVICES PACKAGE (LIST MID). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MVT								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR ISDN INTER-SWITCH VOICE MESSAGING (ISVM). SPECIFY ONE LIST MWB() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES ISDN MESSAGE SERVICES (LIST MIF), CCS7 (LIST MDG) AND TCAP (LIST MDL). INTER-LATA ISVM REQUIRES NETWORK INTERCONNECT (LIST MDR). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MWB								

TABLE-A CONTINUED

TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR METRO HUB. SPECIFY ONE L-MWC() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE BASIC PRI PACKAGE (LIST MIG) AND BRCS II PER TRUNK (LIST MJB) OR BRCS CENTREX PER TRUNK (LIST MGL) OR BRCS II PER SM (LIST MFB). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MWC								
REQUIRED TO PROVIDE A RIGHT-TO-USE(RTU) LICENSE FEE FOR METRO HUB PER PRI. SPECIFY ONE LIST MWD( ) PER PRI AS REQUIRED. THIS FEATURE REQUIRES THE BASIC PRI PACKAGE (LIST MIG) AND BRCS II PER TRUNK (LIST MJB) OR BRCS CENTREX PER TRUNK (LIST MGL) OR BCRS II PER SM(LIST MFB). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MWD								
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:05/22/96 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:05/22/96 FE/RA:NONE	51 57 94	DA	MWV								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "POSITION RELEASE OF OSPS NPA-131 CALLS" FEATURE. SPECIFY ONE LIST MXB( ) PER SWITCH. THIS FEATURE REQUIRES TOLL ASSIST AND COIN FEATURE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MXB								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "OLNS BEFORE DACC PROMPTING - PHASE 1" FEATURE. SPECIFY ONE LIST MXC( ) PER SWITCH. THIS FEATURE REQUIRES THE DIRECTORY ASSISTANCE CALL COMPLETION (LIST MMQ) FEATURE. DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MXC								

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EQUIPMENT DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "ORIGINATING LINE SCREENING (OLS) - ALTERNATE ROUTING" FEATURE. SPECIFY ONE LIST MXD() PER POSITION AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MXD								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "NSD APPLICATION OF THE AUTOMATED ALTERNATE BILLING SERVICES - AUTOMATED POSITION" FEATURE. SPECIFY ONE LIST MXE( ) PER AUTOMATED POSITION AS REQUIRED. THIS FEATURE REQUIRES THE SWITCH CHANGES FOR AUTOMATED POSITION FEATURE (LIST MXG). DA EFF:09/09/93 FE:J5D008AC-1,LTAA	51 57 88	DA	MXE								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "ACCS - FOR 0 + 800 CALLS FROM WIRELESS SERVICE PROVIDERS" FEATURE. SPECIFY ONE LIST MXF( ) PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE OSPS TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 88 163	DA	MXF								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "SWITCH CHANGES FOR AUTOMATED POSITION" FEATURE. SPECIFY ONE LIST MXG( ) PER AUTOMATED POSITION AS REQUIRED. THIS FEATURE REQUIRES THE TOLL ASSIST AND COIN FEATURE PACKAGE (LIST MAM). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MXG								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "OSPS INTERWORKING WITH SSP 800" FEATURE. SPECIFY ONE LIST MXI() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE 800 NUMBER SERVICE FEATURE (LIST MDM). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MXI								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "IMPROVED AUTOMATED POSITION CALL SELECTION" FEATURE. SPECIFY ONE LIST MXJ() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE ACCESS TO LIDB, EABS AND ECTD FEATURE PACKAGE (LIST MUA). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MXJ								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "LIDB - CHANGE HANDLING OF INDETERMINATE REPLY CODES" FEATURE. SPECIFY ONE LIST MXK() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE ACCESS TO LIDB, EABS AND ECTD FEATURE PACKAGE (LIST MUA) OR THE TOLL ASSIST ENHANCEMENTS FEATURE PACKAGE (LIST MAS OR MMK) OR THE 891 CARD VALIDATION FEATURE (LIST MTO). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MXK								

TABLE-A CONTINUED

Right Table

EQUIPMENT DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "ORIGINATING STATION CLASS FOR DA CALL COMPLETION" FEATURE. SPECIFY ONE LIST MXR() PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE DIRECTORY ASSIST-ANCE CALL COMPLETION FEATURE (LIST MMQ). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MXR								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "SUBACCOUNT BILLING - ANI SCREENING" FEATURE. SPECIFY ONE LIST MXY PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE SUB-ACCOUNT BILLING FEATURE (LIST MAY OR LIST MAH) AND THE OLS CODE EXPANSION FEATURE (LIST MTK). DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MXY								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "VOLT DELTA DIRECTORY ASSISTANCE INTERFACE" FEATURE. SPECIFY ONE LIST MYV( ) PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES EXTERNAL ARU INTERFACE (LIST MMC OR MTX). DA EFF:11/22/96 FE/RA:NONE	51 57 163	DA	MYV								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "DA-CUSTOM BRANDING" FEATURE. SPECIFY ONE LIST MYZ( ) PER SWITCH AS REQUIRED. THIS FEATURE REQUIRES THE CUSTOM TOLL AND ASSISTANCE BRANDING FEATURE (LIST MTG). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	MYZ								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OPERATING SYSTEM PORTION OF THE BASE GENERIC SOFTWARE. SPECIFY ONE LIST MZE() PER SM AS REQUIRED, UP TO A MAXIMUM OF 10 SM'S PER SWITCH. THIS LIST IS REQUIRED ON ONLY THE FIRST 10 SM'S OF EVERY SWITCH. THIS FEATURE ALWAYS REQUIRES THE BASE APPLICATION PACKAGE (LIST MZF). DA EFF:05/22/96 FE/RA:NONE	57 72 153 190	DA	MZE								

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DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 BASE APPLICATION SYSTEM PORTION OF THE BASE GENERIC SOFTWARE. SPECIFY ONE LIST MZF() PER SM AS REQUIRED, UP TO A MAXIMUM OF 10 SM'S PER SWITCH. THIS LIST IS REQUIRED ON ONLY THE FIRST 10 SM'S OF EVERY SWITCH. THIS FEATURE ALWAYS REQUIRES THE OPERATING SYSTEM PACKAGE (LIST MZE). FOR RETROFIT THIS APPLIES ONCE PER SWITCH. DA EFF:05/22/96 FE/RA:NONE	51 57 153 174 190	DA	MZF								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE OPERATING SYSTEM PORTION OF THE CUSTOMER PREMISES SOFTWARE. SPECIFY ONE LIST MZG() PER SM AS REQUIRED, UP TO A MAXIMUM OF 10 SMS PER SWITCH. THIS LIST IS REQUIRED ON ONLY THE FIRST 10 SMS OF EVERY SWITCH USED AS CUSTOMER PREMISE EQUIPMENT. THIS FEATURE ALWAYS REQUIRES THE BASE APPLICATIONS PORTION OF THE CUSTOMER PREMISES SOFTWARE (LIST MZF). DA EFF:05/22/96 FE/RA:NONE	57 65 72	DA	MZG								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE BASE APPLICATIONS PORTION OF THE CUSTOMER PREMISES SOFTWARE. SPECIFY ONE LIST MZH() PER SM AS REQUIRED, UP TO A MAXIMUM OF 10 SMS PER SWITCH. THIS LIST IS REQUIRED ON ONLY THE FIRST 10 SMS OF EVERY SWITCH USED AS CUSTOMER PREMISE EQUIPMENT. THIS FEATURE ALWAYS REQUIRES THE OPERATING SYSTEM PORTION OF THE CUSTOMER PREMISES SOFTWARE (LIST MZG). DA EFF:05/22/96 FE/RA:NONE	57 65 72 153	DA	MZH								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE 5E6.2 RETROFIT TO 5E7. SPECIFY ONE LIST MZK() PER SWITCH AS REQUIRED. DA EFF:11/22/96 FE/RA:NONE	51 57 153 174 190	DA	MZK								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR INTERNATIONAL DIRECT DISTANCE DIALING (IDDD) VIA ROUTING SIMULATED FACILITIES GROUP(SFG). SPECIFY ONE LIST MZN( ) PER SWITCH AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 163	DA	MZN								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE CALLING PARTY NUMBER DELIVERY TO ACD FEATURE FOR PINNACLE ACD LINK APPLICATIONS. SPECIFY ONE LIST NAA() PER AGENT POSITION REQUIRING PINNACLE ACD LINK APPLICATION. THIS FEATURE REQUIRES THE CACD FEATURE (LIST MAA) AND COMMON CHANNEL SIGNALING SYSTEM 7 FEATURE (LIST MDG). DA EFF:05/22/96 FE/RA:NONE	51 57	DA	NAA								

TABLE-A CONTINUED

TABLE A-FEATURES(CONTINUED)

DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE MULTIFLOW NETWORK CALL DISTRIBUTION (ACD) FEATURE. SPECIFY ONE LIST NAB() PER VECTOR ASSIGNED FOR MULTIFLOW AS REQUIRED. THIS FEATURE REQUIRES THE BASIC CALL VECTORING (ACD) FEATURE (LIST MTL). DA EFF:11/22/96 FE/RA:NONE	51 57	DA	NAB								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR "THE TIMED EVENT CODES FOR OUTBOUND CALLS FOR PINNACLE ACD/MIS APPLICATIONS". SPECIFY ONE LIST NAF() PER SWITCH AS REQUIRED. DA EFF:11/22/96 FE/RA:NONE	51 57	DA	NAF								
REQUIRED TO PROVIDE THE RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "TRANSFER TO ACD FROM AUTOMATIC RESPONSE UNIT" FEATURE. SPECIFY ONE LIST NAG() PER SWITCH AS REQUIRED. DA EFF:11/22/96 FE/RA:NONE	51 57	DA	NAG								
REQUIRED TO ACTIVATE DIRECT AGENT ACCESS AND ENHANCED DIRECT AGENT ACCESS SECURED FEATURES FOR ACD APPLICATIONS. DA EFF:11/22/96 FE/RA:NONE	51 57 163	DA	NAI								
REQUIRED TO ACTIVATE CONFERENCE AND TRANSFER ON OUTBOUND CALLS SECURED FEATURE FOR ACD APPLICATIONS. DA EFF:11/22/96 FE/RA:NONE	51 57 163	DA	NAJ								
REQUIRED TO ACTIVATE AGENT MONITORING WITH INTERRUPT (LIVE MIKE) SECURED FEATURE FOR ACD APPLICATIONS. DA EFF:11/22/96 FE/RA:NONE	51 57 163	DA	NAK								
REQUIRED TO ACTIVATE ALTERNATE EXTERNAL DIALING SECURED FEATURE FOR ACD APPLICATIONS. DA EFF:11/22/96 FE/RA:NONE	51 57 163	DA	NAL								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "LASS AUTOMATIC CALLBACK PER LINE" FEATURE. SPECIFY ONE LIST NFA() PER LINE OR BRI AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 154 193	DA	NFA								

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DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	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 "LASS AUTOMATIC RECALL PER LINE" FEATURE. SPECIFY ONE LIST NFB() PER LINE OR BRI AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 154 193	DA	NFB								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "LASS CUSTOMER ORIGINATED TRACE PER LINE" FEATURE. SPECIFY ONE LIST NFC() PER LINE OR BRI AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 154	DA	NFC								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "LASS ICLID PER LINE" FEATURE. SPECIFY ONE LIST NFD() PER LINE OR BRI AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 154 193	DA	NFD								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "LASS SELECTIVE CALL REJECTION PER LINE" FEATURE. SPECIFY ONE LIST NFE() PER LINE OR BRI AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 154 161 193	DA	NFE								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "LASS SELECTIVE CALL ACCEPTANCE PER LINE" FEATURE. SPECIFY ONE LIST NFF() PER LINE OR BRI AS REQUIRED. DA EFF:11/22/96 FE/RA:NONE	51 57 154 161 193	DA	NFF								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "LASS SELECTIVE CALL FORWARDING PER LINE" FEATURE. SPECIFY ONE LIST NFG() PER LINE OR BRI AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 154 161 193	DA	NFG								
REQUIRED TO PROVIDE A RIGHT-TO-USE (RTU) LICENSE FEE FOR THE "LASS SELECTIVE DISTINCTIVE ALERTING PER LINE" FEATURE. SPECIFY ONE LIST NFH() PER LINE OR BRI AS REQUIRED. DA EFF:05/22/96 FE/RA:NONE	51 57 154 161 193	DA	NFH								

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STOCKLIST

ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE SYM	NOTE NBR
1000	1	1	405526922		TAPE, MAGNETIC 9 TRACK FULL REEL 6250 BPI			1 4
1010	2	1	405654021		TAPE, MAGNETIC 9 TRACK MINI REEL 6250 BPI			2 4
1020	3	8	405526922		TAPE, MAGNETIC 9 TRACK FULL REEL 6250 BPI			1 5
1030	4	4	405526922		TAPE, MAGNETIC 9 TRACK FULL REEL 6250 BPI			1 5
1040	5	4	404056350		DISKETTE 5-1/4 IN. DOUBLE SIDED DENSITY SOFT SECTOR 96 TPI BETTER BUSINESS			3 4
1050	6	1	405915786		DISK, FLOPPY #3231020P 3-1/2 IN MICRO 2MB POLAROID			4 6
1060	A	1	405654021		TAPE, MAGNETIC 9 TRACK MINI REEL 6250 BPI			2 5
1070	7	1	406168518		CARTRIDGE, MECHANICAL #DC6320 1/4" MAGNETIC TAPE 3M			4
1080	8	3	405526922		TAPE, MAGNETIC 9 TRACK FULL REEL 6250 BPI			1 5
1090	D	2	405526922		TAPE, MAGNETIC 9 TRACK FULL REEL 6250 BPI			1 4

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

TABLE AB

```
--------------------------------------------------
        TABLE AB - DISCONTINUED AVAILABILITY
--------------------------------------------------
  BLANK TAPES REQUIRED WHEN RETROFITTING TO 5E7
--------------------------------------------------
 NO. OF | QTY | QTY |NUMBER OF 'TOTAL TAPES' BLANK
  SM'S  | L-3 | L-4 |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
--------------------------------------------------
```

MANUFACTURING NOTES

SHOP	INST	
X		1. 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.
X		2. 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.
X		3. DISKETTES ARE DOUBLE SIDED, DOUBLE DENSITY 96 TRACK PER INCH, 5 1/4 INCH DISKETTES.
X	X	4. SPECIFY "NWQ" FOR ITEMS TO BE SOURCED AT THE NETWORK SOFTWARE CENTER.
X	X	5. SPECIFY "WNT" FOR ITEMS TO BE SOURCED AT THE WARRENVILLE DATA CENTER.
X		6. DISKETTES ARE DOUBLE SIDED, HIGH DENSITY 135 TRACK PER INCH, 3-1/2 INCH DISKETTES.

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TABLE AC

LIST	DESCRIPTION (ABBREVIATED)	NSEP CODE	STARS CODE	SECURED Y(YES)	FEATURE ID
	LIST ASSOCIATION WITH NSEP AND STARS CODES				
SFTW TAPES					
1,M2	GENERIC PROGRAM(5E7)-AM	-	G7		
1,M3	GENERIC PROGRAM(5E7)-SM	-	G7		
2,M1	TAPE OPER PROC(TOP)	-	T7		
2,M4	EQUIP CONFIG (DA)	-	E7		
2,M5	EQUIP CONFIG	-	E7		
2,M6	EQUIP CONFIG	-	E7		
2,M7	EQUIP CONFIG	-	E7		
5,M11	OSPS ADMIN PROC	OAPSFTW	OS7		
A,M12	AMA BILLING TEST	-	AB7		
6,M13	CST DISK	-	CS7		
1,MA	OFFICE DEPEND DATA-SLATTS	SLAT5E7	OD00 TO OD50		
1,MB	OFFICE DEPEND DATA-FULLS	-	OD00 TO OD50		
1,MC	RETROFIT ECD	-	EC00 TO EC50		
6,M14	OSPS,CSS,LEC BOOT PROGRAM		OC7		
7,M15	OSPS,CSS,LEC APPLICATION PROGRAM		OC7		
7,M16	OSPS,CSS,(AABS) NEW JERSEY BELL RC DATA		OC7		
7,M17	OSPS,CSS,(AABS) NEW JERSEY BELL APPLICATION DATA		OC7		
6,M18	OSPS APS LEC BOOT SOFTWARE		OC7		
7,M19	OSPS APS LEC APPLICATION SOFTWARE		OC7		
6,M20	OSPS,CSS NSD BOOT PROGRAM				
7,M21	OSPS,CSS NSD APPLICATION PROGRAM				
7,M22	OSPS,CSS (AABS) NSD RC DATA				
7,M23	OSPS,CSS (AABS) NSD APPLICATION DATA				

*** CONTINUED ***

** CONTINUED **
TABLE AC

						PREREQ REQ RTU LISTS	APPL RTU PER
6,M24	OSPS APS NSD BOOT SOFTWARE						
7,M25	OSPS APS NSD APPLICATION SOFTWARE						
RTU LISTS							
MAA	COMMERCIAL ACD	CACDRTU	CACD			MIA	POS
MAG	REVERTIVE PULSE	REVPUL	RP			-	SM
MAH	SUB ACCT BLG FEAT/PSM	OSABPSM	SABP			MAM	PSM
MAJ	DIRECTORY ASSIST	OSPDART	DA			MAL	POS
MAK	BASIC NAILUP	BNAILRT	BN			-	SM
MAL	AUTO CALL DISTRIBUTION	OSACRTU	ACD			MIA	POS
MAM	OSPS TOLL AND ASSIST	OSPTCRT	OTA			MAL,MKE	POS
MAN	OSPS AUTO ML INTFCE	AUMULRT	OAMI			MAM	POS
MAP	OSPS AUTOQUOTE SVCE	AURATRT	OAQS			MAM	POS
MAQ	OSPS FORCE MGMT SYS	FMGTRTU	OFMS			SEE TBL A	POS
MAR	OSPS INTERFLOW	OSINFRT	OIF			MAM,MIG	PRI
MAS	TOLL ASSIST ENHANCE	OSACCEX	TAEF			MAM,MDG	POS
MAT	RATE DIFFERENTIAL FEAT	OSRTDRT	RDF	Y	2	MAM	POS
MAV	CUST ACCT SVCES REL1	OSCAS1	CAS1			MAM	POS
MAW	CUST ACCT SVCES REL 2	OSCAS2	CAS2			MAM,MAV	POS
MAX	OSPS FULLY CODED ADDRESS	OSFULAD	OFCA			MAM	SW
MAY	OSPS SUB ACCT BILLING	OSSACBL	OSAB	Y	90	MAM	POS
MBD	ENHANCED 911	E911	E91E	Y	61	-	SW
MBE	DUAL POINT CODE	DUALPC	DCCO			-	SW
MCA	REM SW MODULE	BRSM	RSM			-	SM PER RSM
MCB	REM SW MODULE - ST CAP	SRSM	RSMS			MCA	SM PER RSM
MCC	OPTICALLY INT REM MOD	ORMRTU	ORM			-	SM PER ORM
MCD	ORM STAND ALONE	ORMSART	OSA			MCC	SM PER ORM
MCJ	LINE TIME SLOT	LINTSBS	LTS			-	SW
MCQ	AUTO CKT PACK RETURN		ACPR	Y		-	SW
MCT	INTRA SW ANALOG L. TRANS	IALTRTU	IALT	Y	80	-	SW
MCW	108 TEST LINE CAPACITY	TEST108	108T	Y	8	-	SW
MDB	CARRIER INTER-TOLL	CAINRTT	CITO			-	SM PER SITE
MDC	DIRECT SIGNALLING	DCIS6	DS			-	SEE TBL A
MDD	ORIGIN SCREENING	OSONCD	OS			-	SM/EXTD-O
MDE	COM CH SIG SYS 6/7	ECIS6CC	CS67			-	SM/EXTD/O
MDF	COM CH SIG SYS 6	ECIS6	CSS6			-	SM/EXTD/O
MDG	COM CH SIG SYS 7	CCS7ART	CSS7			-	SM/EXTD/O
MDK	SVCE SWITCH POINT	SSPRTU	SSP			-	SW
MDL	TRANSACTION CAP	TRACPRT	TCAP			-	SW

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MDM	800 NUMBER SERVICE	RTU800	800			-	SW
MDN	ASP/PVN NTWK ACCESS PT	ASPNRTU	ASPN	Y	58	MDG	SW
MDO	ASP/PVN SVCE SWITCH PT	ASPSRTU	ASPS	Y	58	MDG	SW
MDP	END TO END CALL TRACE	ETECTRT	EECT			MDG	SM/EXTD-O
MDQ	Q.931/CCS7 INTERWKING	CCSQRTU	CCS7			-	SEE TBL A
MDR	CCS7 NTWK INTERCONN/SW	C7NIRTU	C7NI			MDG	SW
MDS	PRE-COMPL. GRP B	PCPGBCC	PPGB	Y	19	-	SW
MDT	ENHANCED INWATS-TYP BILL	EITARTU	EITA	Y	39	-	SW
MDU	TANDEM ACCESS-TAISP	TDMACC	TAIS			-	SW
MDW	ASP SSP ENHANCEMENTS	ASPSSPE	ASP	Y	51	MDO	SW
MDX	COIN LINE AUTOMESS. ACCT	BICLAMA	CLAM	Y	70	-	SW
MDY	800 PDD MF SIG RESP	PDD8TDM	8PAT	Y	29	-	SW
MDZ	800 PDD MF SIG TRANS	PDD8EO	8PEO	Y	28	-	SW
MEP	INTFCE MF OP SUP SYS	INPMPOS	MPOS			-	SM PER SITE
MEQ	LINE TIME SLOT BRDGING	LINTSBR	LTSB			-	SM PER SITE
MER	SELECT CARRIER DENIAL	SCDRTU	SCD	Y	13	-	SM/EXTD-O
MES	ISDN OA&M	ISDNOAM	IOAM			MIA	SM/EXTD-O
MET	PLEXIBLE AUTO NO IDENT	FANIRTU	PANI	Y	38	-	SW
MEU	MOD CALL LINE DISCONN	MCLDPFP	MCLD			-	SW
MEV	CIRCUIT SWITCHED TRUNK	CSTSVC	CST	Y	6	MDK,MDM MEW	SW
MEW	OPTIONAL 7/10 DIGIT OUT	OUTVPAT	OXDO	Y	3	-	SW
MEX	ANI OVER PRIVATE FAC	ANIPRIV	AOPF	Y	5	-	SW
MEY	GLOBAL RECENT CHG LINE	GLOBRCL	GRCL			-	SW
MEZ	CSCANS IMPROVEMENTS I	CSCANS	CBDS			-	SW
MFK	CDM CONT SW ARR-NSD	CCSARTU	CCSS			-	SM PER SITE
MHB	DEF SW NT MULT SW	AMPS4RT	DSNM			-	SM/EXTD-O
MHC	AUTOVON II INTERFCE-END	AUT4RTU	AVII			-	SM/EXTD-O
MHD	AUTOVON-TANDEM	AUTT4RT	AVT			-	SM.EXTD-O
MHF	AUTOVON II INTER DSN	AUPRTU4	A2DS			-	SM/EXTD-O
MHG	AUTOVON INTER ISDN	DSN4RTU	AISN			-	SEE TBL A
MHH	AUTOVON INTER CENTREX	AUTC4RT	AIC			-	SM/EXTD-O
MHJ	ANI 6/7 SPG	ANI67TK	ANI			-	SW
MHK	SPECIFY DIGIT ANALYSIS	SDASSFG	SDA			SEE TBL A	SW
MHL	CCS7 INTER USER	INSSENH	C7IU			MDG	SW
MHM	4-WIRE SUBSCRIBER ACCESS	SUBSAC4	PWSA			-	LINE OR BRI
MIA	INT SERV DIG NTWK	ISDN1	ISDN			-	DSL
MIB	ISDN MB KEY SV	ISMBKRT	IMBK			-	DSL
MIC	ISDN DELUXE MB KY SV	ISMBKDX	IDMK			-	DSL
MID	ISDN ATTENDANT SVE	ISATRTU	IAS			-	DSL

*** CONTINUED ***

TABLE AC

MIE	ISDN ELECTRONIC DIR	ISELRTU	IED			-	DSL
MIF	ISDN MESSAGE SVCE	ISMESRT	IMS			-	DSL
MIG	ISDN EX DIG SUB LN	ISPRIRT	IEDS			-	EDSL
MIH	AUTO CUST STA REARG	ACSRTU	ACSR			MIA	DSL
MIJ	GATEWAY NETWORKING	ISDN2	GN			MIA	ISDN SM
MIK	MULTIPLE IP TRUNK GROUPS	MUIPRTU	MIPT			MIA	ISDN SM
MIL	X.75 GATEWAY NETWORKING	GX75RTU	GAX			MIA	ISDN SM
MIM	BASIC RATE INTERFACE	ISBRIDS	BRI			MIA	BRI
MIN	CPN/BN TO TERM PRI USER	ISCTPRT	CBTP			-	PRI
MIP	X.25 PACKET SW ACCESS	ISX25RT	PSA			MIA	ISDN-SM
MIQ	X.75 GTWY/PUB DATA NTWK	ISIGRTU	GPDN			MIA	ISDN-SM
MIR	U-INTERFACE MULTPT DSL	MUTRTIU	UDSL			SEE TBL A	BRI
MIS	U-INTERFACE MDSL/NIT	MUNITRT	UDNI			SEE TBL A	BRI
MIT	T-INTERFACE MDSL/PIT	MTFITRT	TDPI			SEE TBL A	DSL
MIU	T-INTERFACE MDSL UPDATE	MINITRT	TDNI			SEE TBL A	DSL
MIV	T/U-INT MDSL UPDATE	UPMNPRT	TUDU			SEE TBL A	DSL
MIX	CPN/BN TO TERM USER/SM	C7CPNRT	CBTU			-	SEE TBL A
MIY	PRI ACCESS/SEL IC SVCS	ISICRTU	PASS			MIG	PRI
MIZ	HUNT GRP TRNFR/CS DATA	ISHGXRT	HGTC			MIG	ISDN-SM
MKA	CCS REAL TIME RELIEF	CCAMRTU	CSRR			SEE TBL A	SM/EXTD-O
MKB	CCS DOMAIN CONT RTE	CCEHRTU	CSDR			SEE TBL A	SM/EXTD-O
MKC	TST/OPER/PROV/ADMIN	RMSTRTU	TOPA			-	SM/EXTD-O
MKD	ALLIANCE TELECONF ACC	ALTELRT	ATA			-	SM/EXTD-O
MKE	4X OFF INT SWITCH PT	CLAS4RT	ISP			-	SM PER SITE
MKF	BATCH RECENT CHANGE	ACCBART	BRC			MEN	SM/EXTD-O
MKG	DATA BASE QUERY SEL-TRK	DBQRTU	DBQ			-	SM/EXTD-O
MKH	LEASED NET 100S SCAN	LNWTRTU	LNS			-	SM/EXTD-O
MKJ	MSG DETAIL RCRDG/RLT	LNMRRTU	MDR			-	SM/EXTD-O
MKK	8HR PAST MSG DET RLRDG	LN8MRTU	PMDR			-	SM/EXTD-O
MKL	SPECIAL ACCESS PHASE 1	SPA1RTU	SAP1			-	SM/EXTD-O
MKM	ORIG SCR OFF AMA RCRDG	OSOARTU	OAMA	Y	21	-	SM/EXTD-O
MKN	FULLY CODED ADDRESSING	PLCARTU	PCA			-	SM/EXTD-O
MKO	NTWK MGMT DOMAIN SEL	NMDSRTU	NMDS			-	SM/EXTD-O
MKP	SOFTWARE DEFINE NETWORK	SWDNRTU	SDN			-	SM/EXTD-O
MKQ	AMA RCDG FOR CAS/RLS	ARCRRTU	ACAS			-	SM/EXTD-O
MKR	AUTH CODE SCREENING	ACSPRTU	ACS			-	SM/EXTD-O
MKS	FAC RESTRICTION LEVEL	OCFRLRT	PRL			-	SM/EXTD-O
MKT	NTWK MGMT ENHANCE/LN	NMLNRTU	NMEL			-	SM/EXTD-O
MKU	ISDN ACCESS/LEASED NTWK	ISLNRTU	ISDL			MIA OR MIG	SM/EXTD-O
MKV	CCS7 LEASED NTWK INT SIG	C7LNRTU	C7IS			-	SM/EXTD-O

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MKW	LEASED NTWK ACTN PT R&B	ACTRBRT	LNAP			–	SM/EXTD-O
MKX	LEASED ACTION PT SCREENG	ACTSRTU	LNAS			–	SM/EXTD-O
MKY	LEASED ACTION PT ATTENDT	ACTARTU	LNAA			–	SM/EXTD-O
MKZ	CCS7 NTWK INTERCONN	C7NICRT	C7NM			–	SM/EXTD-O
MLA	CALL GAP ENHANCEMENT	GAPERTU	CGE			–	SM/EXTD-O
MLB	MDR EA/CCS7/NI/CAMA/ISDN	MDRRTU	MDC7			–	SM/EXTD-O
MLC	CUSTOMER TRAFFIC DATA	CTRFRTU	CTRF			–	SM/EXTD-O
MLD	100 SECOND SCAN	HSSRTU	SCN			–	SM/EXTD-O
MLE	TRK RESERVE/AUTO RESERVE	TKRESRT	TRAR			–	SM/EXTD-O
MLF	TOLL OA&M ENHANCEMENT	TOAMRTU	TOAM			–	SM/EXTD-O
MLG	REMOTE PROT MON ACCESS	RPAPRI	RPMC			MIG	SW
MLH	SERV SELECT TRK RESERVE	LNSSTKR	SSTR			–	SW
MLJ	CCS7 ISDN USER PART NTWK	C7IUPNT	C7IN			MKZ	SW
MLK	TOLL MAINT ADMIN PKG	TOLLMTC	TMAP			–	SM/EXTD-O
MLL	DELIVERY TRK GRP MAINT	TGMTBCR	DTMB			–	SW
MLM	DIRECT INTERFACE TO RMS	DIFRNMS	DITR			–	SW
MLN	NM DATA COLLECT 2000 T/G	NMDCTKG	NDCX			–	SW
MLP	LOCAL CHG PREVENT X.75	LOCCPRV	LCPX			–	PRI
MLW	CONT OVER MF OUTPULSING	CMFOUTP	COMO			–	SW
MLX	NCP DIP ELIM FOR PTS 2000	NCPDIPE	NCPD			–	SW
MLY	ELIMINATION OF ANI	ELIMANI	EARA			–	SW
MMA	MULT DATA BASE ACCESS	OSMARTU	MDBA			SEE TBL A	POS
MMB	THIRD NUMBER ACCEPTANCE	OSI3ART	TNA			MAM	POS
MMC	AUDIO RESPONSE UNIT INTF	OSARURT	ARUI			MMG	SW
MMD	MORE EFFICIENT CALL HNDG	MECHRTU	MECH			MAM	POS
MME	COMBINED SERVICES	OSCSRTU	CS			–	POS
MMF	DIRECT INTERNATL ORIG	OSDIRTU	DIO			MAM	POS
MMG	LISTING SERVICES ON CST	OSLSPOS	LSCT			MAL	POS
MMI	FLEXIBLE ACD CALL HNDLG	ACDPRTU	FACD			MAA	PC-MIS
MMJ	TELESVCES AGENT DATA ACC	OSTADBA	TADA	Y	16	MAA	POS
MMK	TOLL ASSIST ENHANCEMT/SW	OSTARTU	TAES			MAM,MDG	SW
MMN	MORE EFF CALL HNDLG/SM	OSMIRTU	MECG			MAM	PSM
MMO	FLEXIBLE ACD CALL HNDLG	OFACD3B	FACX			MAA	3B-MIS
MMP	SERVCES PRESENT PROTOCOL	OSLSCST	SPP			MME,MMG	POS
MMQ	DIRECT ASSIST CALL COMPL	ODACCRT	DACC			MMG,MMC	SW
MMR	INTERCEPT	OICPTRT	IN			MMG,MMC	SW
MMS	INTERCEPT CALL COMPLETE	OICPTCC	INCC			MMR	SW
MMT	CUSTOM ACCT SERV REL 3	OSCASR3	CAS3			MAM,MAW	POS
MMU	OSPS INTER VOICE MSG SVC	--	OIVM			MAM	POS

*** CONTINUED ***

MMV	OSPS TERMINATE CODE SCRG	OSCDSRN	OTCS			MAM	POS
MMW	AATOS SDN/NRA	OSAATOS	ASN			MAM,MMT	POS
MMX	PRE-COMPLAINT PGB	OSPCFGB	PPGB			–	SW
MMY	891 FORMAT CREDIT CARD	OS891CR	FCCX	Y	22	MAM	POS
MMZ	10XXX UNBLOCK FRAUD	OS10XXX	UFPX	Y	17	MAM	POS
MNA	LOCAL AREA SIGNAL SVC/SM	LASMRTU	LASM			–	SM PER SITE
MNB	LOCAL AREA SIGNAL SVC/LN	LALNRTU	LASL			–	LINE OR DSL
MNC	LASS/AUTO CALLBACK	LCBSRTU	LAAC			–	SM PER SITE
MND	LASS/AUTO RECALL	LARSRTU	LAAR			–	SM PER SITE
MNE	LASS/CUSTOMER ORIG TRACE	LOTSRTU	LACT			–	SM PER SITE
MNF	LASS/INDIV CALL LINE ID	LICSRTU	LACL			–	SM PER SITE
MNG	LASS II PACKAGE/SM	L2SMRTU	LA2M			–	SM PER SITE
MNH	LASS II PACKAGE/LINE	L2LNRTU	LA2L			–	LINE OR BRI
MNI	LASS SELECT CALL REJECT	LSCRRTU	LSCR			–	SM PER SITE
MNJ	LASS SELECT CALL ACCETP	LSCARTU	LSCA			–	SM PER SITE
MNK	LASS SELECT CALL FORWARD	LSCPRTU	LSCF			–	SM PER SITE
MNL	LASS SELECT DISTCT RING	LSDARTU	LSDA			–	SM PER SITE
MNM	AUTO CALLBACK /COT	LAACCOT	ACA	Y	43	SEE TBL A	SW
MNN	LASS AR/AC DUAL	LAARAC	LAAD			SEE TBL A	SW
MNP	LASS-UCR	LSUCRTU	LUCR	Y	47	–	SW
MNQ	LASS-COT	LSRICOT	LCOT	Y	49	SEE TBL A	SW
MNR	LASS-POLIN	LSPOLIN	LPOL	Y	48	SEE TBL A	SW
MNS	CALLING PARTY NU. PRESNT	LSCPNPC	CPNP	Y	50	–	SW
MNU	ANALOG CALL NAME DELIVRY	LAANCNA	ACND	Y	40	–	SW
MNV	LASS VALID & SCR SPLT NPA	LVSNPAS	LVNS	Y	36	SEE TBL A	SW
MNW	RETURN CALL AMA	LRCAMA	RAMA	Y	33	SEE TBL A	SW
MNY	FORCED PRIVACY ON INTER SW		FPIS	Y	27	MDG	SW
MTA	ANI II DIGIT TREATMT-ST	OSANIDT	AZDT	Y	46	MAM	POS
MTB	OSPS EMERG INTERRUPT AMA	OEMGAMA	OEIA	Y	54	MAM	SW
MTC	OSPS INTERFACE TO VMS R2	OSVMSRT	OITV			MAM	POS
MTD	CALLING PARTY NU DLVY 3B	OCPND3B	CPND			MAA,MDG	3B BASED MIS
MTE	CALLING PARTY NU DLVY PC	OCPNDPC	CPPC			MAA,MDG	PC BASED MIS
MTF	ANI BILLING NU ORIG MF	OANIOMF	ABNO			MDG,MAM	TA SW
MTG	OSPS FRT END BRANDING	OSFEBRG	OPEB	Y	15	MAM	TA SW
MTI	GROUP B ACCESS CHARGE	OPGBACC	PGAC	Y	55	MAM	SW
MTJ	LIDB ERROR HDLNG CHANGES	OLIDBRU	LEHC	Y	56	MAM	SW
MTK	OLS CODE EXPANSION	OSOLSRT	OCE			MAM	POS
MTL	BASIC CALL VECTORING-ACD	BCVECRT	BCVA			MAA	MIS CUSTOMER
MTM	ENHNCED PROMPT INBD CALL	EPICRTU	EPIC	Y	41	MTL	CALL PRT ANN

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MTN	OSPS COMM. CREDIT CARD	OS891AP	OCCC			MAM,MMY	TA OR CST POS
MTO	891 CARD VALID	OS891TA	891C			MAM,MMY	TA OR CST POS
MTQ	DA CALL COMPLETION	ODACARU	DCC			MTZ,MTX	SEE TBL A
MTR	LISTING SERVICES(LS)	OSLSRTU	LS			MAL	LS SW
MTS	INTERCEPT/ARU T1 SPAN	OICPARU	IATS			MTX	SEE TBL A
MTT	INTERCEPT CALL COMPL/ARU	OICCARU	ICCA			MTS	SEE TBL A
MTV	AUTOMATIC OPERATOR POS.	OAPSRTU	AOP			MAM	AUTO POS
MTX	EXTERNAL ARU	OSEXARU	EARU			MTZ	SEE TBL A
MTY	OSPS REAL TIME RATE/DACC	ORTRIDC	ORTR	Y	73	MMQ	SW
MTZ	LISTING SERVICES-ARU T1	OSLSARU	LSA			MAL	SEE TBL A
MUA	ACCESS TO LIDB;EABS;ECID		AL			MAM,MDG	POS
MUB	CID INCL OF CALL NU LIDB	OSCLIDB	CIDL			SEE TBL A	POS
MUC	DIOR CTRY/CTRY CALL BLK	OSDICCB	DCCB			MMF	POS
MUD	CID EXPD CARD REC W/10+4	OS104TB	CECR			MAM,MMT	POS
MUE	DIOR AUTO INITIAL CALLS	OSDIAIC	DAIC			MAM,MMF	POS
MUF	UNBLKG 900 FOR RATE QUOT	OSUB900	UXRQ	Y	57	MAM	POS
MUG	PBX TRK ACCESS TO OSPS	OSPBXTA	PBXT	Y	74	MAM	POS
MUH	SPEC HDNLG FOR 700 CALLS	OSSH700	SHXC	Y	69	MAM	POS
MUI	MECH USAGE DATA OAP REPT	OSMOAPR	MUDO	Y	68	MAM,MMD	POS
MUJ	OSPS INTERFACE TO VMS RL3	OSVMSR3	OIV3			MAM	POS
MUK	CARRIER SPEC ROUTG INTNL	OSCSRIR	CSRI			MAM,MMT	POS
MUL	ENHANCED SERV. PROVIDER	OSESPCC	ESPC			MAM,MMT	POS
MUW	OSPS AUTO SEQ DIAL F O R	OSASDOR	OASD	Y	66	MAM	POS
MUX	OSPS COMPL INTER-LATA CL		OCIC	Y	78	MAM	SW
MUY	OSPS BLK 10+4 CARDS 900 NU	O104B90	OBXC	Y	77	MAM	SW
MUZ	OSPS SPECIAL HDLG 700 CALL		SHX2	Y	69	MUH	POS
MVA	CPN/BN	ISCPNRT	CPBN			MIG	ISDN SM
MVB	QUEG FOR CKT SW DATA MLHG	ISQCSRT	QCSM			MIG	ISDN SM
MVC	SUPV CONSLE FOR MLHG QUEG	ISSCQRT	SCML			MIG	ISDN SM
MVD	ETN ON PRI	ISEPRTU	ETNP			MIG	PRI
MVE	ETN INTERWK/5E PRIV NTWK	ISEIRTU	ETNI			MIG	ISDN SM
MVG	CPN/BN TO TERM BRI USER	ISCTBRT	CPTB			-	BRI
MVH	BRCS SUPPL SERVICES	ISBSRTU	BRSS			MIA	BRI
MVJ	DUAL TELEPHONE COVERAGE	ISDTRTU	DTC			MIF	SW
MVK	EXECUTIVE RINGER CUTOFF	ISERCRT	ERCX	Y	14	MIB OR MIC	SW
MVL	ISDN MBKS AUTO EXCLUSION	ISDBSAX	ISDN			MIB OR MIC	BRI
MVM	ENHCNE X25 PS FOR TR DTE	ISEX25	EXPS			MIA	DATAKIT LINK
MVN	REMOTE PROTOCOL ACCESS	ISRMTPA	RPA			MES	SW

*** CONTINUED ***

MVP	AM BASE PROTOCL MON XLTR	ISAMBPM	ABMT	Y	32	MES	SW
MVT	ISDN ATTND OFFER LD STAT	ISATOLS	IAOL			MID	BRI
MWB	ISDN FOR ISVM	ISVMRTU	ISVM			SEE TBL A	SW
MWC	METRO HUB	ISMETHU	MB	Y	60	SEE TBL A	SW
MWD	METRO HUB PER PRI	ISMHPRI	MHBB	Y	60	SEE TBL A	PRI
MWU	ISDN MESSAGE SERVICES		IMSV			MIA	SEE TBL A
MWV	ISDN ELECT DIR SERV		IDES			MIA	BRI TO MEDS
MXB	POS REL OF OSPS-131 CALLS	O131RTU	PROC	Y	35	MAM	SW
MXC	OLMS BEFORE DACC PMT-PH1	OLNSDC1	OBDP	Y	75	MMQ	SW
MXD	OSPS ORIG LN SCR ALT RTE	OSOLSAR	OOLS	Y	76	MAM	POS
MXE	NSD-APPL AUTO ALT BILLING		NAAA			MXG	AUTO POS
MXF	ACCS-BILLING 800/700 CALLS	OAC8WSP	ABXC	Y	79	MAM	SW
MXG	NSD-SW CHG FOR AUTO POS	OSSWAP	SCAP	Y		MAM	AUTO POS
MXI	OSPS INTERWK/SSP 800	OINTSSP	OINS	Y	31	MDM	SW
MXJ	IMP AUTO POS CALL SELECT	OSIAPCS	IAPC	Y	65	MUA	SW
MXK	LIDB - CHG HDL IRC	OLIDBIR	OLCH	Y	81	SEE TBL A	SW
MXR	ORIG STA CL FOR DA CC	OSCLDAC	OOSD	Y	99	MMQ	SW
MXY	SUB ACCT BILL ANI SCR	OSABANI	OSBA	Y	90	SEE TBL A	SW
MYV	VOLT DELTA DIR ASSIST		VDDA	Y	87	MMC OR MTX	SW
MYZ	DA - CUSTOM BRANDING		DACB			MTG	SW
MZE	OPERATING GEN-5E7	BAS7CRT	5E7			MZF	SEE TBL A
MZF	APPLICATION - 5E7	BAS7RTU	5E7			MZE	SEE TBL A
MZG	OPERATING GEN CP-5E7	CPE7CRT	5E7			MZF	SEE TBL A
MZH	APPLICATION GEN CP-5E7	CPE7RTU	5E7			MZG	SEE TBL A
MZK	RETROFIT 5E6 TO 5E7	RETR14S	5E7			-	SW
MZN	IDDD ROUTING SPG	BAINDD	IRSP	Y	59	-	SW
NAA	CALL PTY NU DLVY TO ACD	ACDPND	ACPN			MAA,MDG	AGENT POS
NAB	MULTIFLOW NTWK CALL DIST	ACDMNCD	ADCM			MTL	VECTOR
NAF	TEC FOR OC FOR ACD/MIS	ACDTECO	TECO			-	SW
NAG	TRANS TO ACD FROM ARU	ACDFARU	TAAR			-	SW
NAI	DAA & EDAA		AEAA	Y	16	MAA	SW
NAJ	CONF & TRANS ON OUTBOUND		AACT	Y	42	MAA	SW
NAK	MONITORING WITH INTERRUPT		AAAM	Y	4	MAA	SW
NAL	ALT EXT DIALING		AAAE	Y	20	MAA	SW
NFA	LASS AUTOMATIC CALLBACK PER LINE		LAC			-	LINE OR BRI
NFB	LASS AUTOMATIC RECALL PER LINE		LAR			-	LINE OR BRI
NFC	LASS CUSTOMER ORIG TRACE PER LINE		LCO			-	LINE OR BRI
NFD	LASS ICLID PER LINE		LIL			-	LINE OR BRI

*** CONTINUED ***

RT13

5ESS* SWITCHING EQUIPMENT
SPECIFICATION FOR
3B20* DMERT OPERATION SYSTEM,
5E7 APPLICATION
SOFTWARE, LIBRARY TOOLS, EQUIPMENT
CONFIGURATION DATA, AND OFFICE DEPENDENT
DATABASE FOR GENERIC PROGRAM 5E7
PG-5D013
*AT&T TRADEMARK

DWG SIZE C2	ISSUE 15

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** CONTINUED **
TABLE AC
| NFE | LASS SELECTIVE CALL      |    | LSC  |    |    |    | - |LINE OR BRI |
|     | REJECTION PER LINE       |    |      |    |    |    |   |            |
|-----|--------------------------|----|------|----|----|----|---|------------|
| NFF | LASS SELECTIVE CALL      |    | LSCL |    |    |    | - |LINE OR BRI |
|     | ACCEPTANCE PER LINE      |    |      |    |    |    |   |            |
|-----|--------------------------|----|------|----|----|----|---|------------|
| NFG | LASS SELECTIVE CALL      |    | LSFL |    |    |    | - |LINE OR BRI |
|     | FORWARDING PER LINE      |    |      |    |    |    |   |            |
|-----|--------------------------|----|------|----|----|----|---|------------|
| NFH | LASS SELECTIVE DISTINCTIVE|    | LSDL |    |    |    | - |LINE OR BRI |
|     | ALERTING PER LINE        |    |      |    |    |    |   |            |
|-----|--------------------------|----|------|----|----|----|---|------------|
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TABLE AD

TABLE AD		
BLANK TAPES REQUIRED WHEN RETROFITTING TO 5E7		
NO. OF SM'S	QTY L-8	NUMBER OF 'TOTAL TAPES' BLANK MAGNETIC TAPES REQUIRED
1-15	1	3
16-35	2	6
36-55	3	9
56-75	4	12
76-95	5	15
96-115	6	18
116-135	7	21
136-155	8	24
156-175	9	27
176-192	10	30

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