J E S 2 J O B L O G

```
15.37.32 JOB  586  $HASP373 SLB0001  STARTED - INIT  1 - CLASS A - SYS HMVS
15.37.32 JOB  586  IEF403I SLB0001 - STARTED - TIME=15.37.32
15.37.32 JOB  586  IEFACTRT BUPDTE01/IEBUPDTE/00:00:00.01/00:00:00.02/00000/SLB0001
15.37.32 JOB  586  IEFACTRT ASM     /IFOX00  /00:00:00.26/00:00:00.36/00000/SLB0001
15.37.32 JOB  586  IEFACTRT HMASMP  /HMASMP  /00:00:00.16/00:00:00.42/00000/SLB0001
15.37.34 JOB  586  IEFACTRT HMASMP  /HMASMP  /00:00:01.14/00:00:01.35/00000/SLB0001
15.37.36 JOB  586  IEFACTRT HMASMP  /HMASMP  /00:00:02.06/00:00:02.41/00000/SLB0001
15.37.36 JOB  586  IEF404I SLB0001 - ENDED - TIME=15.37.36
15.37.36 JOB  586  $HASP395 SLB0001  ENDED


------ JES2 JOB STATISTICS ------


 29 JAN 22 JOB EXECUTION DATE


       652 CARDS READ


     3,042 SYSOUT PRINT RECORDS


         0 SYSOUT PUNCH RECORDS


      0.07 MINUTES EXECUTION TIME
```

```
    1     //SLB0001  JOB (SYSGEN),'USERMOD: SLB0001',                          JOB  586
          //             CLASS=A,
          //             MSGCLASS=X,
          //             MSGLEVEL=(1,1),
          //             REGION=4096K
          ***JOBPARM LINES=100
    2     //JOBLIB   DD  DISP=SHR,DSN=SYS1.LINKLIB
          ***
          ********************************************************************
          *** Install USERMOD SLB0001 (source: Shelby Beach) to install TSO     *
          *** exit IKJEFF53 (source: Greg Price/CBT file #134) to validity      *
          *** check JOBNAME on a CANCEL, OUTPUT, or STATUS TSO command.         *
          ********************************************************************
          ***
    3     //BUPDTE01 EXEC PGM=IEBUPDTE,PARM=NEW
    4     //SYSPRINT DD  DUMMY
    5     //SYSUT2   DD  DISP=SHR,DSN=SYS1.UMODSRC
    6     //SYSIN    DD  *
          ***
    7     //SMPASM02 EXEC SMPASM,M=IKJEFF53,COND=(0,NE)
          ***
    8     XXSMPASM   PROC M=MISSING                                          00000010
          *** ************************************************************ * 00000020
          *** ASSEMBLE USER MOD                                            * 00000030
          *** ************************************************************ * 00000040
    9     XXASM      EXEC PGM=IFOX00,                                        00000050
          XX              REGION=4096K,                                      00000060
          XX              PARM='LIST,XREF(SHORT),DECK,NOOBJECT'              00000070
   10     XXSYSPRINT DD  SYSOUT=*                                           00000080
   11     XXSYSTERM  DD  SYSOUT=*                                           00000090
   12     XXSYSPUNCH DD  DISP=SHR,DSN=SYS1.UMODOBJ(&M)                      00000100
   13     XXSYSLIB   DD  DISP=SHR,DSN=SYS1.MACLIB,DCB=BLKSIZE=32720         00000110
   14     XX         DD  DISP=SHR,DSN=SYS1.AMODGEN                          00000120
   15     XX         DD  DISP=SHR,DSN=SYS1.UMODMAC                          00000130
   16     XX         DD  DISP=SHR,DSN=SYS1.UMODSRC                          00000140
   17     XX         DD  DISP=SHR,DSN=SYS1.HASPSRC                          00000150
   18     XX         DD  DISP=SHR,DSN=SYS1.APVTMACS                         00000160
   19     XXSYSUT1   DD  UNIT=SYSDA,SPACE=(CYL,(2,1))                       00000170
   20     XXSYSUT2   DD  UNIT=SYSDA,SPACE=(CYL,(2,1))                       00000180
   21     XXSYSUT3   DD  UNIT=SYSDA,SPACE=(CYL,(2,1))                       00000190
   22     XXSYSIN    DD  DISP=SHR,DSN=SYS1.UMODSRC(&M)                      00000200
   23     //RECEIVE EXEC SMPREC,WORK='SYSALLDA',COND=(0,NE)
   24     XXSMPREC   PROC WORK=3350,             WORK UNIT                  00000010
          XX              TUNIT=3350,            TLIB UNIT                  00000020
          XX              TVOL=WORK00            TLIB VOLUME                00000030
          *** ************************************************************ * 00000040
          *** RECEIVE USER MOD                                             * 00000050
          *** ************************************************************ * 00000060
   25     XXHMASMP   EXEC PGM=HMASMP,PARM='DATE=U',REGION=5120K,TIME=1440   00000070
   26     XXSYSUT1    DD  UNIT=&WORK,SPACE=(1700,(600,100))                 00000080
   27     XXSYSUT2    DD  UNIT=&WORK,SPACE=(1700,(600,100))                 00000090
   28     XXSYSUT3    DD  UNIT=&WORK,SPACE=(1700,(600,100))                 00000100
   29     XXSYSUT4    DD  UNIT=&WORK,SPACE=(80,(2,2))                       00000110
   30     XXSYSPRINT DD  SYSOUT=*                                           00000120
   31     XXASMPRINT DD  SYSOUT=*                                           00000130
   32     XXCMPPRINT DD  SYSOUT=*                                           00000140
   33     XXCOPPRINT DD  SYSOUT=*                                           00000150
   34     XXLKDPRINT DD  SYSOUT=*                                           00000160
   35     XXE37PRINT DD  SYSOUT=*                                           00000170
   36     XXUPDPRINT DD  SYSOUT=*                                           00000180
   37     XXZAPPRINT DD  SYSOUT=*                                           00000190
```

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         ***************************** SMP DATASETS *********************        00000200
38       XXSMPOUT   DD  SYSOUT=*                                                 00000210
39       XXSMPLOG   DD  DUMMY                                                    00000220
40       XXSMPTLIB  DD  DISP=OLD,UNIT=&TUNIT,VOL=SER=&TVOL                       00000230
41       XXSYSLIB   DD  DISP=SHR,DSN=SYS1.SMPMTS,DCB=BLKSIZE=32720               00000240
42       XX         DD  DISP=SHR,DSN=SYS1.SMPSTS                                 00000250
43       XX         DD  DISP=SHR,DSN=SYS1.MACLIB                                 00000260
44       XX         DD  DISP=SHR,DSN=SYS1.AMODGEN                                00000270
45       XX         DD  DISP=SHR,DSN=SYS1.AMACLIB                                00000280
46       XX         DD  DISP=SHR,DSN=SYS1.HASPSRC                                00000290
47       XX         DD  DISP=SHR,DSN=SYS1.APVTMACS                               00000300
48       XXSMPACDS  DD  DISP=SHR,DSN=SYS1.SMPACDS                                00000310
49       XXSMPACRQ  DD  DISP=SHR,DSN=SYS1.SMPACRQ                                00000320
50       XXSMPCDS   DD  DISP=SHR,DSN=SYS1.SMPCDS                                 00000330
51       XXSMPCRQ   DD  DISP=SHR,DSN=SYS1.SMPCRQ                                 00000340
52       XXSMPMTS   DD  DISP=SHR,DSN=SYS1.SMPMTS                                 00000350
53       XXSMPPTS   DD  DISP=SHR,DSN=SYS1.SMPPTS                                 00000360
54       XXSMPSTS   DD  DISP=SHR,DSN=SYS1.SMPSTS                                 00000370
55       XXSMPSCDS  DD  DISP=SHR,DSN=SYS1.SMPSCDS                                00000380
56       XXSMPWRK1  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,      00000390
         XX             LRECL=80)                                                00000400
57       XXSMPWRK2  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,      00000410
         XX             LRECL=80)                                                00000420
58       XXSMPWRK3  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,      00000430
         XX             LRECL=80)                                                00000440
59       XXSMPWRK4  DD  UNIT=&WORK,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,      00000450
         XX             LRECL=80)                                                00000460
60       XXSMPWRK5  DD  UNIT=&WORK,SPACE=(CYL,(30,10,250))                       00000470
61       //SMPPTFIN DD *
62       //SMPCNTL  DD *
         ***
63       //APPLYCK  EXEC SMPAPP,WORK='SYSALLDA',COND=(0,NE)
         *** ************************************************************ *      00000010
         *** APPLY/RESTORE USER MOD                                       *      00000020
         *** ************************************************************ *      00000030
64       XXSMPAPP  PROC WORK=3350,              WORK UNIT                        00000040
         XX             TUNIT=3350,             TLIB UNIT                        00000050
         XX             TVOL=WORK00             TLIB VOLUME                      00000060
65       XXHMASMP  EXEC PGM=HMASMP,PARM='DATE=U',REGION=5120K,TIME=1439          00000070
66       XXSYSUT1   DD  UNIT=&WORK,SPACE=(1700,(600,100))                        00000080
67       XXSYSUT2   DD  UNIT=&WORK,SPACE=(1700,(600,100))                        00000090
68       XXSYSUT3   DD  UNIT=&WORK,SPACE=(1700,(600,100))                        00000100
69       XXSYSUT4   DD  UNIT=&WORK,SPACE=(80,(2,2))                              00000110
70       XXSYSPRINT DD  SYSOUT=*                                                 00000120
71       XXASMPRINT DD  SYSOUT=*                                                 00000130
72       XXCMPPRINT DD  SYSOUT=*                                                 00000140
73       XXCOPPRINT DD  SYSOUT=*                                                 00000150
74       XXLKDPRINT DD  SYSOUT=*                                                 00000160
75       XXE37PRINT DD  SYSOUT=*                                                 00000170
76       XXUPDPRINT DD  SYSOUT=*                                                 00000180
77       XXZAPPRINT DD  SYSOUT=*                                                 00000190
         ***************************** SMP DATASETS *********************        00000200
78       XXSMPOUT   DD  SYSOUT=*                                                 00000210
79       XXSMPLOG   DD  DUMMY                                                    00000220
80       XXSMPTLIB  DD  DISP=OLD,UNIT=&TUNIT,VOL=SER=&TVOL                       00000230
81       XXSYSLIB   DD  DISP=SHR,DSN=SYS1.SMPMTS,DCB=BLKSIZE=32720               00000240
82       XX         DD  DISP=SHR,DSN=SYS1.SMPSTS                                 00000250
83       XX         DD  DISP=SHR,DSN=SYS1.MACLIB                                 00000260
84       XX         DD  DISP=SHR,DSN=SYS1.AMODGEN                                00000270
85       XX         DD  DISP=SHR,DSN=SYS1.AMACLIB                                00000280
86       XX         DD  DISP=SHR,DSN=SYS1.HASPSRC                                00000290
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 87     XX          DD  DISP=SHR,DSN=SYS1.APVTMACS                          00000300
 88     XXSMPACDS   DD  DISP=SHR,DSN=SYS1.SMPACDS                           00000310
 89     XXSMPACRQ   DD  DISP=SHR,DSN=SYS1.SMPACRQ                           00000320
 90     XXSMPCDS    DD  DISP=SHR,DSN=SYS1.SMPCDS                            00000330
 91     XXSMPCRQ    DD  DISP=SHR,DSN=SYS1.SMPCRQ                            00000340
 92     XXSMPMTS    DD  DISP=SHR,DSN=SYS1.SMPMTS                            00000350
 93     XXSMPPTS    DD  DISP=SHR,DSN=SYS1.SMPPTS                            00000360
 94     XXSMPSTS    DD  DISP=SHR,DSN=SYS1.SMPSTS                            00000370
 95     XXSMPSCDS   DD  DISP=SHR,DSN=SYS1.SMPSCDS                           00000380
 96     XXSMPWRK1   DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120, 00000390
        XX              LRECL=80)                                           00000400
 97     XXSMPWRK2   DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120, 00000410
        XX              LRECL=80)                                           00000420
 98     XXSMPWRK3   DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120, 00000430
        XX              LRECL=80)                                           00000440
 99     XXSMPWRK4   DD  UNIT=&WORK,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120, 00000450
        XX              LRECL=80)                                           00000460
100     XXSMPWRK5   DD  UNIT=&WORK,SPACE=(CYL,(30,10,250))                  00000470
        ***************************** DLIB DATASETS ********************** 00000480
        ***************************** NEEDED ON RESTORE ******************* 00000490
101     XXACMDLIB   DD  DISP=SHR,DSN=SYS1.ACMDLIB                           00000500
102     XXAGENLIB   DD  DISP=SHR,DSN=SYS1.AGENLIB                           00000510
103     XXAHELP     DD  DISP=SHR,DSN=SYS1.AHELP                             00000520
104     XXAIMAGE    DD  DISP=SHR,DSN=SYS1.AIMAGE                            00000530
105     XXALPALIB   DD  DISP=SHR,DSN=SYS1.ALPALIB                           00000540
106     XXAMACLIB   DD  DISP=SHR,DSN=SYS1.AMACLIB                           00000550
107     XXAMODGEN   DD  DISP=SHR,DSN=SYS1.AMODGEN                           00000560
108     XXAOS00     DD  DISP=SHR,DSN=SYS1.AOS00                             00000570
109     XXAOS03     DD  DISP=SHR,DSN=SYS1.AOS03                             00000580
110     XXAOS04     DD  DISP=SHR,DSN=SYS1.AOS04                             00000590
111     XXAOS05     DD  DISP=SHR,DSN=SYS1.AOS05                             00000600
112     XXAOS06     DD  DISP=SHR,DSN=SYS1.AOS06                             00000610
113     XXAOS07     DD  DISP=SHR,DSN=SYS1.AOS07                             00000620
114     XXAOS11     DD  DISP=SHR,DSN=SYS1.AOS11                             00000630
115     XXAOS12     DD  DISP=SHR,DSN=SYS1.AOS12                             00000640
116     XXAOS20     DD  DISP=SHR,DSN=SYS1.AOS20                             00000650
117     XXAOS21     DD  DISP=SHR,DSN=SYS1.AOS21                             00000660
118     XXAOS24     DD  DISP=SHR,DSN=SYS1.AOS24                             00000670
119     XXAOS26     DD  DISP=SHR,DSN=SYS1.AOS26                             00000680
120     XXAOS29     DD  DISP=SHR,DSN=SYS1.AOS29                             00000690
121     XXAOS32     DD  DISP=SHR,DSN=SYS1.AOS32                             00000700
122     XXAOSA0     DD  DISP=SHR,DSN=SYS1.AOSA0                             00000710
123     XXAOSA1     DD  DISP=SHR,DSN=SYS1.AOSA1                             00000720
124     XXAOSB0     DD  DISP=SHR,DSN=SYS1.AOSB0                             00000730
125     XXAOSB3     DD  DISP=SHR,DSN=SYS1.AOSB3                             00000740
126     XXAOSBN     DD  DISP=SHR,DSN=SYS1.AOSBN                             00000750
127     XXAOSC2     DD  DISP=SHR,DSN=SYS1.AOSC2                             00000760
128     XXAOSC5     DD  DISP=SHR,DSN=SYS1.AOSC5                             00000770
129     XXAOSC6     DD  DISP=SHR,DSN=SYS1.AOSC6                             00000780
130     XXAOSCA     DD  DISP=SHR,DSN=SYS1.AOSCA                             00000790
131     XXAOSCD     DD  DISP=SHR,DSN=SYS1.AOSCD                             00000800
132     XXAOSCE     DD  DISP=SHR,DSN=SYS1.AOSCE                             00000810
133     XXAOSD0     DD  DISP=SHR,DSN=SYS1.AOSD0                             00000820
134     XXAOSD7     DD  DISP=SHR,DSN=SYS1.AOSD7                             00000830
135     XXAOSD8     DD  DISP=SHR,DSN=SYS1.AOSD8                             00000840
136     XXAOSG0     DD  DISP=SHR,DSN=SYS1.AOSG0                             00000850
137     XXAOSH1     DD  DISP=SHR,DSN=SYS1.AOSH1                             00000860
138     XXAOSH3     DD  DISP=SHR,DSN=SYS1.AOSH3                             00000870
139     XXAOST3     DD  DISP=SHR,DSN=SYS1.AOST3                             00000880
140     XXAOST4     DD  DISP=SHR,DSN=SYS1.AOST4                             00000890
141     XXAOSU0     DD  DISP=SHR,DSN=SYS1.AOSU0                             00000900
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142     XXAPARMLIB DD  DISP=SHR,DSN=SYS1.APARMLIB                          00000910
143     XXAPROCLIB DD  DISP=SHR,DSN=SYS1.APROCLIB                          00000920
144     XXASAMPLIB DD  DISP=SHR,DSN=SYS1.ASAMPLIB                          00000930
145     XXATCAMMAC DD  DISP=SHR,DSN=SYS1.ATCAMMAC                          00000940
146     XXATSOMAC  DD  DISP=SHR,DSN=SYS1.ATSOMAC                           00000950
147     XXAUADS    DD  DISP=SHR,DSN=SYS1.AUADS                             00000960
148     XXHASPSRC  DD  DISP=SHR,DSN=SYS1.HASPSRC                           00000970
        ***************************** TARGET DATASETS ******************* 00000980
        ***************************** NEEDED FOR APPLY ****************** 00000990
149     XXCMDLIB   DD  DISP=SHR,DSN=SYS1.CMDLIB                            00001000
150     XXHELP     DD  DISP=SHR,DSN=SYS1.HELP                              00001010
151     XXIMAGELIB DD  DISP=SHR,DSN=SYS1.IMAGELIB                          00001020
152     XXIMAGE    DD  DISP=SHR,DSN=SYS1.IMAGELIB                          00001030
153     XXLPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB                            00001040
154     XXLINKLIB  DD  DISP=SHR,DSN=SYS1.LINKLIB                           00001050
155     XXNUCLEUS  DD  DISP=SHR,DSN=SYS1.NUCLEUS                           00001060
156     XXMACLIB   DD  DISP=SHR,DSN=SYS1.MACLIB                            00001070
157     XXPARMLIB  DD  DISP=SHR,DSN=SYS1.PARMLIB                           00001080
158     XXPROCLIB  DD  DISP=SHR,DSN=SYS1.PROCLIB                           00001090
159     XXSAMPLIB  DD  DISP=SHR,DSN=SYS1.SAMPLIB                           00001100
160     XXSVCLIB   DD  DISP=SHR,DSN=SYS1.SVCLIB                            00001110
161     XXTCOMMAC  DD  DISP=SHR,DSN=SYS1.TCOMMAC                           00001120
162     XXTELCMLIB DD  DISP=SHR,DSN=SYS1.TELCMLIB                          00001130
163     XXUADS     DD  DISP=SHR,DSN=SYS1.UADS                              00001140
164     XXUMODLIB  DD  DISP=SHR,DSN=SYS1.UMODLIB                           00001150
165     XXUMODOBJ  DD  DISP=SHR,DSN=SYS1.UMODOBJ                           00001160
166     XXVTAMLIB  DD  DISP=SHR,DSN=SYS1.VTAMLIB                           00001170
167     //SMPCNTL  DD *                                                    
        ***                                                              
168     //APPLY    EXEC SMPAPP,COND=(0,NE),WORK='SYSALLDA'                 
        *** ********************************************************** * 00000010
        *** APPLY/RESTORE USER MOD                                     * 00000020
        *** ********************************************************** * 00000030
169     XXSMPAPP  PROC WORK=3350,              WORK UNIT                 00000040
        XX             TUNIT=3350,             TLIB UNIT                 00000050
        XX             TVOL=WORK00             TLIB VOLUME               00000060
170     XXHMASMP  EXEC PGM=HMASMP,PARM='DATE=U',REGION=5120K,TIME=1439   00000070
171     XXSYSUT1   DD  UNIT=&WORK,SPACE=(1700,(600,100))                  00000080
172     XXSYSUT2   DD  UNIT=&WORK,SPACE=(1700,(600,100))                  00000090
173     XXSYSUT3   DD  UNIT=&WORK,SPACE=(1700,(600,100))                  00000100
174     XXSYSUT4   DD  UNIT=&WORK,SPACE=(80,(2,2))                        00000110
175     XXSYSPRINT DD  SYSOUT=*                                           00000120
176     XXASMPRINT DD  SYSOUT=*                                           00000130
177     XXCMPPRINT DD  SYSOUT=*                                           00000140
178     XXCOPPRINT DD  SYSOUT=*                                           00000150
179     XXLKDPRINT DD  SYSOUT=*                                           00000160
180     XXE37PRINT DD  SYSOUT=*                                           00000170
181     XXUPDPRINT DD  SYSOUT=*                                           00000180
182     XXZAPPRINT DD  SYSOUT=*                                           00000190
        ***************************** SMP DATASETS ********************* 00000200
183     XXSMPOUT   DD  SYSOUT=*                                           00000210
184     XXSMPLOG   DD  DUMMY                                              00000220
185     XXSMPTLIB  DD  DISP=OLD,UNIT=&TUNIT,VOL=SER=&TVOL                 00000230
186     XXSYSLIB   DD  DISP=SHR,DSN=SYS1.SMPMTS,DCB=BLKSIZE=32720         00000240
187     XX         DD  DISP=SHR,DSN=SYS1.SMPSTS                           00000250
188     XX         DD  DISP=SHR,DSN=SYS1.MACLIB                           00000260
189     XX         DD  DISP=SHR,DSN=SYS1.AMODGEN                          00000270
190     XX         DD  DISP=SHR,DSN=SYS1.AMACLIB                          00000280
191     XX         DD  DISP=SHR,DSN=SYS1.HASPSRC                          00000290
192     XX         DD  DISP=SHR,DSN=SYS1.APVTMACS                         00000300
193     XXSMPACDS  DD  DISP=SHR,DSN=SYS1.SMPACDS                          00000310
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194     XXSMPACRQ  DD  DISP=SHR,DSN=SYS1.SMPACRQ                              00000320
195     XXSMPCDS   DD  DISP=SHR,DSN=SYS1.SMPCDS                               00000330
196     XXSMPCRQ   DD  DISP=SHR,DSN=SYS1.SMPCRQ                               00000340
197     XXSMPMTS   DD  DISP=SHR,DSN=SYS1.SMPMTS                               00000350
198     XXSMPPTS   DD  DISP=SHR,DSN=SYS1.SMPPTS                               00000360
199     XXSMPSTS   DD  DISP=SHR,DSN=SYS1.SMPSTS                               00000370
200     XXSMPSCDS  DD  DISP=SHR,DSN=SYS1.SMPSCDS                              00000380
201     XXSMPWRK1  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,    00000390
        XX             LRECL=80)                                              00000400
202     XXSMPWRK2  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,    00000410
        XX             LRECL=80)                                              00000420
203     XXSMPWRK3  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,    00000430
        XX             LRECL=80)                                              00000440
204     XXSMPWRK4  DD  UNIT=&WORK,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,    00000450
        XX             LRECL=80)                                              00000460
205     XXSMPWRK5  DD  UNIT=&WORK,SPACE=(CYL,(30,10,250))                     00000470
        ***************************** DLIB DATASETS *********************    00000480
        ************************** NEEDED ON RESTORE ********************    00000490
206     XXACMDLIB  DD  DISP=SHR,DSN=SYS1.ACMDLIB                              00000500
207     XXAGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB                              00000510
208     XXAHELP    DD  DISP=SHR,DSN=SYS1.AHELP                                00000520
209     XXAIMAGE   DD  DISP=SHR,DSN=SYS1.AIMAGE                               00000530
210     XXALPALIB  DD  DISP=SHR,DSN=SYS1.ALPALIB                              00000540
211     XXAMACLIB  DD  DISP=SHR,DSN=SYS1.AMACLIB                              00000550
212     XXAMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN                              00000560
213     XXAOS00    DD  DISP=SHR,DSN=SYS1.AOS00                                00000570
214     XXAOS03    DD  DISP=SHR,DSN=SYS1.AOS03                                00000580
215     XXAOS04    DD  DISP=SHR,DSN=SYS1.AOS04                                00000590
216     XXAOS05    DD  DISP=SHR,DSN=SYS1.AOS05                                00000600
217     XXAOS06    DD  DISP=SHR,DSN=SYS1.AOS06                                00000610
218     XXAOS07    DD  DISP=SHR,DSN=SYS1.AOS07                                00000620
219     XXAOS11    DD  DISP=SHR,DSN=SYS1.AOS11                                00000630
220     XXAOS12    DD  DISP=SHR,DSN=SYS1.AOS12                                00000640
221     XXAOS20    DD  DISP=SHR,DSN=SYS1.AOS20                                00000650
222     XXAOS21    DD  DISP=SHR,DSN=SYS1.AOS21                                00000660
223     XXAOS24    DD  DISP=SHR,DSN=SYS1.AOS24                                00000670
224     XXAOS26    DD  DISP=SHR,DSN=SYS1.AOS26                                00000680
225     XXAOS29    DD  DISP=SHR,DSN=SYS1.AOS29                                00000690
226     XXAOS32    DD  DISP=SHR,DSN=SYS1.AOS32                                00000700
227     XXAOSA0    DD  DISP=SHR,DSN=SYS1.AOSA0                                00000710
228     XXAOSA1    DD  DISP=SHR,DSN=SYS1.AOSA1                                00000720
229     XXAOSB0    DD  DISP=SHR,DSN=SYS1.AOSB0                                00000730
230     XXAOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3                                00000740
231     XXAOSBN    DD  DISP=SHR,DSN=SYS1.AOSBN                                00000750
232     XXAOSC2    DD  DISP=SHR,DSN=SYS1.AOSC2                                00000760
233     XXAOSC5    DD  DISP=SHR,DSN=SYS1.AOSC5                                00000770
234     XXAOSC6    DD  DISP=SHR,DSN=SYS1.AOSC6                                00000780
235     XXAOSCA    DD  DISP=SHR,DSN=SYS1.AOSCA                                00000790
236     XXAOSCD    DD  DISP=SHR,DSN=SYS1.AOSCD                                00000800
237     XXAOSCE    DD  DISP=SHR,DSN=SYS1.AOSCE                                00000810
238     XXAOSD0    DD  DISP=SHR,DSN=SYS1.AOSD0                                00000820
239     XXAOSD7    DD  DISP=SHR,DSN=SYS1.AOSD7                                00000830
240     XXAOSD8    DD  DISP=SHR,DSN=SYS1.AOSD8                                00000840
241     XXAOSG0    DD  DISP=SHR,DSN=SYS1.AOSG0                                00000850
242     XXAOSH1    DD  DISP=SHR,DSN=SYS1.AOSH1                                00000860
243     XXAOSH3    DD  DISP=SHR,DSN=SYS1.AOSH3                                00000870
244     XXAOST3    DD  DISP=SHR,DSN=SYS1.AOST3                                00000880
245     XXAOST4    DD  DISP=SHR,DSN=SYS1.AOST4                                00000890
246     XXAOSU0    DD  DISP=SHR,DSN=SYS1.AOSU0                                00000900
247     XXAPARMLIB DD  DISP=SHR,DSN=SYS1.APARMLIB                             00000910
248     XXAPROCLIB DD  DISP=SHR,DSN=SYS1.APROCLIB                             00000920
```

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249     XXASAMPLIB DD  DISP=SHR,DSN=SYS1.ASAMPLIB                          00000930
250     XXATCAMMAC DD  DISP=SHR,DSN=SYS1.ATCAMMAC                         00000940
251     XXATSOMAC  DD  DISP=SHR,DSN=SYS1.ATSOMAC                          00000950
252     XXAUADS    DD  DISP=SHR,DSN=SYS1.AUADS                            00000960
253     XXHASPSRC  DD  DISP=SHR,DSN=SYS1.HASPSRC                          00000970
        ****************************** TARGET DATASETS ******************00000980
        ****************************** NEEDED FOR APPLY *****************00000990
254     XXCMDLIB   DD  DISP=SHR,DSN=SYS1.CMDLIB                           00001000
255     XXHELP     DD  DISP=SHR,DSN=SYS1.HELP                             00001010
256     XXIMAGELIB DD  DISP=SHR,DSN=SYS1.IMAGELIB                         00001020
257     XXIMAGE    DD  DISP=SHR,DSN=SYS1.IMAGELIB                         00001030
258     XXLPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB                           00001040
259     XXLINKLIB  DD  DISP=SHR,DSN=SYS1.LINKLIB                          00001050
260     XXNUCLEUS  DD  DISP=SHR,DSN=SYS1.NUCLEUS                          00001060
261     XXMACLIB   DD  DISP=SHR,DSN=SYS1.MACLIB                           00001070
262     XXPARMLIB  DD  DISP=SHR,DSN=SYS1.PARMLIB                          00001080
263     XXPROCLIB  DD  DISP=SHR,DSN=SYS1.PROCLIB                          00001090
264     XXSAMPLIB  DD  DISP=SHR,DSN=SYS1.SAMPLIB                          00001100
265     XXSVCLIB   DD  DISP=SHR,DSN=SYS1.SVCLIB                           00001110
266     XXTCOMMAC  DD  DISP=SHR,DSN=SYS1.TCOMMAC                          00001120
267     XXTELCMLIB DD  DISP=SHR,DSN=SYS1.TELCMLIB                         00001130
268     XXUADS     DD  DISP=SHR,DSN=SYS1.UADS                             00001140
269     XXUMODLIB  DD  DISP=SHR,DSN=SYS1.UMODLIB                          00001150
270     XXUMODOBJ  DD  DISP=SHR,DSN=SYS1.UMODOBJ                          00001160
271     XXVTAMLIB  DD  DISP=SHR,DSN=SYS1.VTAMLIB                          00001170
272     //SMPCNTL  DD *
        //
```

```
 STMT NO. MESSAGE
-
    12      IEF653I SUBSTITUTION JCL - DISP=SHR,DSN=SYS1.UMODOBJ(IKJEFF53)
    22      IEF653I SUBSTITUTION JCL - DISP=SHR,DSN=SYS1.UMODSRC(IKJEFF53)
    26      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(1700,(600,100))
    27      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(1700,(600,100))
    28      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(1700,(600,100))
    29      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(80,(2,2))
    40      IEF653I SUBSTITUTION JCL - DISP=OLD,UNIT=3350,VOL=SER=WORK00
    56      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
    57      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
    58      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
    59      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,
    60      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(30,10,250))
    66      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(1700,(600,100))
    67      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(1700,(600,100))
    68      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(1700,(600,100))
    69      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(80,(2,2))
    80      IEF653I SUBSTITUTION JCL - DISP=OLD,UNIT=3350,VOL=SER=WORK00
    96      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
    97      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
    98      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
    99      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,
   100      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(30,10,250))
   171      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(1700,(600,100))
   172      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(1700,(600,100))
   173      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(1700,(600,100))
   174      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(80,(2,2))
   185      IEF653I SUBSTITUTION JCL - DISP=OLD,UNIT=3350,VOL=SER=WORK00
   201      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
   202      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
   203      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
   204      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,
   205      IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(30,10,250))
IEF236I ALLOC. FOR SLB0001 BUPDTE01
IEF237I 150  ALLOCATED TO JOBLIB
IEF237I DMY  ALLOCATED TO SYSPRINT
IEF237I 250  ALLOCATED TO SYSUT2
IEF237I JES2 ALLOCATED TO SYSIN
IEF142I SLB0001 BUPDTE01 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS1.LINKLIB                                 PASSED        *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.UMODSRC                                 KEPT          *--------6
IEF285I   VOL SER NOS= SMP000.
IEF285I   JES2.JOB00586.SI0101                         SYSIN
IEF373I STEP /BUPDTE01/ START 22029.1537
IEF374I STEP /BUPDTE01/ STOP  22029.1537 CPU    0MIN 00.01SEC SRB    0MIN 00.00SEC VIRT    48K SYS   308K
**** JOB NAME: SLB0001  JOBCARD READ 2022/029 15:37:31 370/148 VS2 R03.8 HMVS ***************************************************
*                                                                                                                             *
*  STEP NUMBER:          1  USER CORE:         48K  START TIME:   15:37:32     CPU TIME:    00:00:00.01  ACTIVE TIME:  00:00:00.01 *
*  STEP NAME:     BUPDTE01  SYSTEM CORE:      308K  STOP TIME:    15:37:32     SRB TIME:    00:00:00.00  ALLOC TIME:   15:37:32    *
*  PROGRAM NAME:  IEBUPDTE  REGION SIZE:     4096K  ELAPSED TIME: 00:00:00.02  TCB TIME:    00:00:00.01  PROGRAM LOAD: 15:37:32    *
*  CONDITION CODE:   00000  PERFORMANCE GROUP: 004                                                                             *
*                           JES2 CARDS:          60       SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                                                                 88      0 /    0        0           0 /    0          0 /    0 *
*                                                                                                                             *
*   ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT   *
*   150/D3350         0  250/D3350         6                                                                                    *
*******************************************************************************************************************************
IEF236I ALLOC. FOR SLB0001 ASM SMPASM02
IEF237I 150  ALLOCATED TO JOBLIB
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IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO SYSTERM
IEF237I 250  ALLOCATED TO SYSPUNCH
IEF237I 150  ALLOCATED TO SYSLIB
IEF237I 250  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 151  ALLOCATED TO
IEF237I 380  ALLOCATED TO SYSUT1
IEF237I 370  ALLOCATED TO SYSUT2
IEF237I 251  ALLOCATED TO SYSUT3
IEF237I 250  ALLOCATED TO SYSIN
IEF142I SLB0001 ASM SMPASM02 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS1.LINKLIB                                 PASSED        *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   JES2.JOB00586.SO0106                         SYSOUT
IEF285I   JES2.JOB00586.SO0107                         SYSOUT
IEF285I   SYS1.UMODOBJ                                 KEPT          *--------4
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.MACLIB                                  KEPT          *-------34
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.AMODGEN                                 KEPT          *-------12
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.UMODMAC                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.UMODSRC                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.HASPSRC                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.APVTMACS                                KEPT          *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000001      DELETED       *------212
IEF285I   VOL SER NOS= MVS380.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000002      DELETED       *-------37
IEF285I   VOL SER NOS= MVS370.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000003      DELETED       *-------14
IEF285I   VOL SER NOS= WORK00.
IEF285I   SYS1.UMODSRC                                 KEPT          *--------4
IEF285I   VOL SER NOS= SMP000.
IEF373I STEP /ASM     / START 22029.1537
IEF374I STEP /ASM     / STOP  22029.1537 CPU    0MIN 00.24SEC SRB    0MIN 00.02SEC VIRT  2216K SYS   368K
*********************************************************************************************************************
*                                                                                                                   *
*  STEP NUMBER:          2  USER CORE:       2216K  START TIME:   15:37:32     CPU TIME:    00:00:00.26  ACTIVE TIME:  00:00:00.32 *
*  STEP NAME:     ASM       SYSTEM CORE:        368K  STOP TIME:    15:37:32     SRB TIME:    00:00:00.02  ALLOC TIME:   15:37:32    *
*  PROGRAM NAME:  IFOX00    REGION SIZE:       4096K  ELAPSED TIME: 00:00:00.36  TCB TIME:    00:00:00.24  PROGRAM LOAD: 15:37:32    *
*  CONDITION CODE:   00000  PERFORMANCE GROUP: 004                                                                  *
*                           JES2 CARDS:           0       SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                                                             2,029      0 /    0        0           0 /    0          0 /    0 *
*                                                                                                                   *
*   ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT   *
*   150/D3350         0  250/D3350         4  150/D3350        34  250/D3350        12  250/D3350         0  250/D3350         0   *
*   250/D3350         0  151/D3350         0  380/D3380       212  370/D3375        37  251/D3350        14  250/D3350         4   *
*********************************************************************************************************************
IEF236I ALLOC. FOR SLB0001 HMASMP RECEIVE
IEF237I 150  ALLOCATED TO JOBLIB
IEF237I 224  ALLOCATED TO SYSUT1
IEF237I 223  ALLOCATED TO SYSUT2
IEF237I 225  ALLOCATED TO SYSUT3
IEF237I 222  ALLOCATED TO SYSUT4
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IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO ASMPRINT
IEF237I JES2 ALLOCATED TO CMPPRINT
IEF237I JES2 ALLOCATED TO COPPRINT
IEF237I JES2 ALLOCATED TO LKDPRINT
IEF237I JES2 ALLOCATED TO E37PRINT
IEF237I JES2 ALLOCATED TO UPDPRINT
IEF237I JES2 ALLOCATED TO ZAPPRINT
IEF237I JES2 ALLOCATED TO SMPOUT
IEF237I DMY  ALLOCATED TO SMPLOG
IEF237I 251  ALLOCATED TO SMPTLIB
IEF237I 250  ALLOCATED TO SYSLIB
IEF237I 250  ALLOCATED TO
IEF237I 150  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 151  ALLOCATED TO
IEF237I 250  ALLOCATED TO SMPACDS
IEF237I 250  ALLOCATED TO SMPACRQ
IEF237I 250  ALLOCATED TO SMPCDS
IEF237I 250  ALLOCATED TO SMPCRQ
IEF237I 250  ALLOCATED TO SMPMTS
IEF237I 250  ALLOCATED TO SMPPTS
IEF237I 250  ALLOCATED TO SMPSTS
IEF237I 250  ALLOCATED TO SMPSCDS
IEF237I 221  ALLOCATED TO SMPWRK1
IEF237I 220  ALLOCATED TO SMPWRK2
IEF237I 221  ALLOCATED TO SMPWRK3
IEF237I 221  ALLOCATED TO SMPWRK4
IEF237I 222  ALLOCATED TO SMPWRK5
IEF237I JES2 ALLOCATED TO SMPPTFIN
IEF237I JES2 ALLOCATED TO SMPCNTL
IEF142I SLB0001 HMASMP RECEIVE - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS1.LINKLIB                                 PASSED        *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000004      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW5.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000005      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW4.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000006      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW6.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000007      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW3.
IEF285I   JES2.JOB00586.SO0108                         SYSOUT
IEF285I   JES2.JOB00586.SO0109                         SYSOUT
IEF285I   JES2.JOB00586.SO0110                         SYSOUT
IEF285I   JES2.JOB00586.SO0111                         SYSOUT
IEF285I   JES2.JOB00586.SO0112                         SYSOUT
IEF285I   JES2.JOB00586.SO0113                         SYSOUT
IEF285I   JES2.JOB00586.SO0114                         SYSOUT
IEF285I   JES2.JOB00586.SO0115                         SYSOUT
IEF285I   JES2.JOB00586.SO0116                         SYSOUT
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000008      KEPT          *--------0
IEF285I   VOL SER NOS= WORK00.
IEF285I   SYS1.SMPMTS                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.MACLIB                                  KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
```

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IEF285I   SYS1.AMODGEN                                    KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AMACLIB                                    KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.HASPSRC                                    KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.APVTMACS                                   KEPT         *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPACDS                                    KEPT         *--------4
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPACRQ                                    KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPCDS                                     KEPT         *--------4
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPCRQ                                     KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPMTS                                     KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPPTS                                     KEPT         *----1,120
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                     KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSCDS                                    KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000009         DELETED      *--------0
IEF285I   VOL SER NOS= SORTW2.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000010         DELETED      *--------0
IEF285I   VOL SER NOS= SORTW1.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000011         DELETED      *--------0
IEF285I   VOL SER NOS= SORTW2.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000012         DELETED      *--------0
IEF285I   VOL SER NOS= SORTW2.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000013         DELETED      *--------0
IEF285I   VOL SER NOS= SORTW3.
IEF285I   JES2.JOB00586.SI0102                            SYSIN
IEF285I   JES2.JOB00586.SI0103                            SYSIN
IEF373I STEP /HMASMP  / START 22029.1537
IEF374I STEP /HMASMP  / STOP  22029.1537 CPU    0MIN 00.12SEC SRB    0MIN 00.04SEC VIRT  1048K SYS   372K
*****************************************************************************************************************
*                                                                                                               *
*  STEP NUMBER:          3  USER CORE:       1048K  START TIME:   15:37:32     CPU TIME:    00:00:00.16  ACTIVE TIME:  00:00:00.18 *
*  STEP NAME:     HMASMP    SYSTEM CORE:       372K  STOP TIME:    15:37:32     SRB TIME:    00:00:00.04  ALLOC TIME:   15:37:32    *
*  PROGRAM NAME:  HMASMP    REGION SIZE:      4096K  ELAPSED TIME: 00:00:00.42  TCB TIME:    00:00:00.12  PROGRAM LOAD: 15:37:32    *
*  CONDITION CODE:   00000  PERFORMANCE GROUP: 004                                                               *
*                           JES2 CARDS:          0       SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                                                             5,780      0 /    0        0           0 /    0          0 /    0 *
*                                                                                                               *
*   ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT   *
*   150/D3350         0  224/D2314         0  223/D2314         0  225/D2314         0  222/D2314         0  251/D3350         0   *
*   250/D3350         0  250/D3350         0  150/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0   *
*   151/D3350         0  250/D3350         4  250/D3350         0  250/D3350         4  250/D3350         0  250/D3350         0   *
*   250/D3350      1120  250/D3350         0  250/D3350         0  221/D2314         0  220/D2314         0  221/D2314         0   *
*   221/D2314         0  222/D2314         0                                                                   *
*****************************************************************************************************************
IEF236I ALLOC. FOR SLB0001 HMASMP APPLYCK
IEF237I 150  ALLOCATED TO JOBLIB
IEF237I 221  ALLOCATED TO SYSUT1
IEF237I 224  ALLOCATED TO SYSUT2
IEF237I 223  ALLOCATED TO SYSUT3
IEF237I 222  ALLOCATED TO SYSUT4
IEF237I JES2 ALLOCATED TO SYSPRINT
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IEF237I JES2 ALLOCATED TO ASMPRINT
IEF237I JES2 ALLOCATED TO CMPPRINT
IEF237I JES2 ALLOCATED TO COPPRINT
IEF237I JES2 ALLOCATED TO LKDPRINT
IEF237I JES2 ALLOCATED TO E37PRINT
IEF237I JES2 ALLOCATED TO UPDPRINT
IEF237I JES2 ALLOCATED TO ZAPPRINT
IEF237I JES2 ALLOCATED TO SMPOUT
IEF237I DMY  ALLOCATED TO SMPLOG
IEF237I 251  ALLOCATED TO SMPTLIB
IEF237I 250  ALLOCATED TO SYSLIB
IEF237I 250  ALLOCATED TO
IEF237I 150  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 151  ALLOCATED TO
IEF237I 250  ALLOCATED TO SMPACDS
IEF237I 250  ALLOCATED TO SMPACRQ
IEF237I 250  ALLOCATED TO SMPCDS
IEF237I 250  ALLOCATED TO SMPCRQ
IEF237I 250  ALLOCATED TO SMPMTS
IEF237I 250  ALLOCATED TO SMPPTS
IEF237I 250  ALLOCATED TO SMPSTS
IEF237I 250  ALLOCATED TO SMPSCDS
IEF237I 225  ALLOCATED TO SMPWRK1
IEF237I 220  ALLOCATED TO SMPWRK2
IEF237I 225  ALLOCATED TO SMPWRK3
IEF237I 220  ALLOCATED TO SMPWRK4
IEF237I 223  ALLOCATED TO SMPWRK5
IEF237I 250  ALLOCATED TO ACMDLIB
IEF237I 250  ALLOCATED TO AGENLIB
IEF237I 250  ALLOCATED TO AHELP
IEF237I 250  ALLOCATED TO AIMAGE
IEF237I 250  ALLOCATED TO ALPALIB
IEF237I 250  ALLOCATED TO AMACLIB
IEF237I 250  ALLOCATED TO AMODGEN
IEF237I 250  ALLOCATED TO AOS00
IEF237I 250  ALLOCATED TO AOS03
IEF237I 250  ALLOCATED TO AOS04
IEF237I 250  ALLOCATED TO AOS05
IEF237I 250  ALLOCATED TO AOS06
IEF237I 250  ALLOCATED TO AOS07
IEF237I 250  ALLOCATED TO AOS11
IEF237I 250  ALLOCATED TO AOS12
IEF237I 250  ALLOCATED TO AOS20
IEF237I 250  ALLOCATED TO AOS21
IEF237I 250  ALLOCATED TO AOS24
IEF237I 250  ALLOCATED TO AOS26
IEF237I 250  ALLOCATED TO AOS29
IEF237I 250  ALLOCATED TO AOS32
IEF237I 250  ALLOCATED TO AOSA0
IEF237I 250  ALLOCATED TO AOSA1
IEF237I 250  ALLOCATED TO AOSB0
IEF237I 250  ALLOCATED TO AOSB3
IEF237I 250  ALLOCATED TO AOSBN
IEF237I 250  ALLOCATED TO AOSC2
IEF237I 250  ALLOCATED TO AOSC5
IEF237I 250  ALLOCATED TO AOSC6
IEF237I 250  ALLOCATED TO AOSCA
IEF237I 250  ALLOCATED TO AOSCD
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IEF237I 250  ALLOCATED TO AOSCE
IEF237I 250  ALLOCATED TO AOSD0
IEF237I 250  ALLOCATED TO AOSD7
IEF237I 250  ALLOCATED TO AOSD8
IEF237I 250  ALLOCATED TO AOSG0
IEF237I 250  ALLOCATED TO AOSH1
IEF237I 250  ALLOCATED TO AOSH3
IEF237I 250  ALLOCATED TO AOST3
IEF237I 250  ALLOCATED TO AOST4
IEF237I 250  ALLOCATED TO AOSU0
IEF237I 250  ALLOCATED TO APARMLIB
IEF237I 250  ALLOCATED TO APROCLIB
IEF237I 250  ALLOCATED TO ASAMPLIB
IEF237I 250  ALLOCATED TO ATCAMMAC
IEF237I 250  ALLOCATED TO ATSOMAC
IEF237I 250  ALLOCATED TO AUADS
IEF237I 250  ALLOCATED TO HASPSRC
IEF237I 150  ALLOCATED TO CMDLIB
IEF237I 150  ALLOCATED TO HELP
IEF237I 150  ALLOCATED TO IMAGELIB
IEF237I 150  ALLOCATED TO IMAGE
IEF237I 150  ALLOCATED TO LPALIB
IEF237I 150  ALLOCATED TO LINKLIB
IEF237I 150  ALLOCATED TO NUCLEUS
IEF237I 150  ALLOCATED TO MACLIB
IEF237I 150  ALLOCATED TO PARMLIB
IEF237I 150  ALLOCATED TO PROCLIB
IEF237I 150  ALLOCATED TO SAMPLIB
IEF237I 150  ALLOCATED TO SVCLIB
IEF237I 150  ALLOCATED TO TCOMMAC
IEF237I 150  ALLOCATED TO TELCMLIB
IEF237I 150  ALLOCATED TO UADS
IEF237I 250  ALLOCATED TO UMODLIB
IEF237I 250  ALLOCATED TO UMODOBJ
IEF237I 150  ALLOCATED TO VTAMLIB
IEF237I JES2 ALLOCATED TO SMPCNTL
IEF142I SLB0001 HMASMP APPLYCK - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS1.LINKLIB                                 PASSED        *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000014      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW2.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000015      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW5.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000016      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW4.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000017      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW3.
IEF285I   JES2.JOB00586.SO0117                         SYSOUT
IEF285I   JES2.JOB00586.SO0118                         SYSOUT
IEF285I   JES2.JOB00586.SO0119                         SYSOUT
IEF285I   JES2.JOB00586.SO0120                         SYSOUT
IEF285I   JES2.JOB00586.SO0121                         SYSOUT
IEF285I   JES2.JOB00586.SO0122                         SYSOUT
IEF285I   JES2.JOB00586.SO0123                         SYSOUT
IEF285I   JES2.JOB00586.SO0124                         SYSOUT
IEF285I   JES2.JOB00586.SO0125                         SYSOUT
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000018      KEPT          *--------0
IEF285I   VOL SER NOS= WORK00.
IEF285I   SYS1.SMPMTS                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                  KEPT          *--------0
```

```
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.MACLIB                                KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.AMODGEN                               KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AMACLIB                               KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.HASPSRC                               KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.APVTMACS                              KEPT         *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPACDS                               KEPT         *--------4
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPACRQ                               KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPCDS                                KEPT         *----4,012
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPCRQ                                KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPMTS                                KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPPTS                                KEPT         *-------18
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSCDS                               KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000019    DELETED      *--------0
IEF285I   VOL SER NOS= SORTW6.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000020    DELETED      *--------0
IEF285I   VOL SER NOS= SORTW1.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000021    DELETED      *--------0
IEF285I   VOL SER NOS= SORTW6.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000022    DELETED      *--------0
IEF285I   VOL SER NOS= SORTW1.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000023    DELETED      *--------0
IEF285I   VOL SER NOS= SORTW4.
IEF285I   SYS1.ACMDLIB                               KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AGENLIB                               KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AHELP                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AIMAGE                                KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.ALPALIB                               KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AMACLIB                               KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AMODGEN                               KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS00                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS03                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS04                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS05                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS06                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
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IEF285I   SYS1.AOS07                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS11                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS12                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS20                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS21                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS24                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS26                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS29                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS32                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSA0                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSA1                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSB0                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSB3                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSBN                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSC2                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSC5                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSC6                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSCA                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSCD                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSCE                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSD0                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSD7                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSD8                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSG0                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSH1                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSH3                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOST3                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOST4                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSU0                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.APARMLIB                           KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.APROCLIB                           KEPT          *--------0
```

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IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.ASAMPLIB                                KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.ATCAMMAC                                KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.ATSOMAC                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AUADS                                   KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.HASPSRC                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.CMDLIB                                  KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.HELP                                    KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.IMAGELIB                                KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.IMAGELIB                                KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.LPALIB                                  KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.LINKLIB                                 KEPT         *--------1
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.NUCLEUS                                 KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.MACLIB                                  KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.PARMLIB                                 KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.PROCLIB                                 KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.SAMPLIB                                 KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.SVCLIB                                  KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.TCOMMAC                                 KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.TELCMLIB                                KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.UADS                                    KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.UMODLIB                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.UMODOBJ                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.VTAMLIB                                 KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   JES2.JOB00586.SI0104                         SYSIN
IEF373I STEP /HMASMP  / START 22029.1537
IEF374I STEP /HMASMP  / STOP  22029.1537 CPU    0MIN 01.02SEC SRB    0MIN 00.12SEC VIRT  4096K SYS   392K
*********************************************************************************************************************
*                                                                                                                   *
*  STEP NUMBER:          4  USER CORE:       4096K  START TIME:   15:37:32     CPU TIME:    00:00:01.14  ACTIVE TIME:  00:00:01.17 *
*  STEP NAME:     HMASMP    SYSTEM CORE:       392K  STOP TIME:    15:37:34     SRB TIME:    00:00:00.12  ALLOC TIME:   15:37:32    *
*  PROGRAM NAME:  HMASMP    REGION SIZE:      4096K  ELAPSED TIME: 00:00:01.35  TCB TIME:    00:00:01.02  PROGRAM LOAD: 15:37:32    *
*  CONDITION CODE:   00000  PERFORMANCE GROUP: 004                                                                  *
*                           JES2 CARDS:          0       SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                                                              21,487      0 /    0        0           0 /    0          0 /    0 *
*                                                                                                                   *
*   ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT   *
*   150/D3350         0  221/D2314         0  224/D2314         0  223/D2314         0  222/D2314         0  251/D3350         0   *
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*   250/D3350        0  250/D3350        0  150/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0   *
*   151/D3350        0  250/D3350        4  250/D3350        0  250/D3350     4012  250/D3350        0  250/D3350        0   *
*   250/D3350       18  250/D3350        0  250/D3350        0  225/D2314        0  220/D2314        0  225/D2314        0   *
*   220/D2314        0  223/D2314        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0   *
*   250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0   *
*   250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0   *
*   250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0   *
*   250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0   *
*   250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0   *
*   250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0   *
*   250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0  250/D3350        0   *
*   250/D3350        0  250/D3350        0  150/D3350        0  150/D3350        0  150/D3350        0  150/D3350        0   *
*   150/D3350        0  150/D3350        1  150/D3350        0  150/D3350        0  150/D3350        0  150/D3350        0   *
*   150/D3350        0  150/D3350        0  150/D3350        0  150/D3350        0  150/D3350        0  250/D3350        0   *
*   250/D3350        0  150/D3350        0                                                                                  *
****************************************************************************************************************************
IEF236I ALLOC. FOR SLB0001 HMASMP APPLY
IEF237I 150  ALLOCATED TO JOBLIB
IEF237I 225  ALLOCATED TO SYSUT1
IEF237I 221  ALLOCATED TO SYSUT2
IEF237I 224  ALLOCATED TO SYSUT3
IEF237I 222  ALLOCATED TO SYSUT4
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO ASMPRINT
IEF237I JES2 ALLOCATED TO CMPPRINT
IEF237I JES2 ALLOCATED TO COPPRINT
IEF237I JES2 ALLOCATED TO LKDPRINT
IEF237I JES2 ALLOCATED TO E37PRINT
IEF237I JES2 ALLOCATED TO UPDPRINT
IEF237I JES2 ALLOCATED TO ZAPPRINT
IEF237I JES2 ALLOCATED TO SMPOUT
IEF237I DMY  ALLOCATED TO SMPLOG
IEF237I 251  ALLOCATED TO SMPTLIB
IEF237I 250  ALLOCATED TO SYSLIB
IEF237I 250  ALLOCATED TO
IEF237I 150  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 151  ALLOCATED TO
IEF237I 250  ALLOCATED TO SMPACDS
IEF237I 250  ALLOCATED TO SMPACRQ
IEF237I 250  ALLOCATED TO SMPCDS
IEF237I 250  ALLOCATED TO SMPCRQ
IEF237I 250  ALLOCATED TO SMPMTS
IEF237I 250  ALLOCATED TO SMPPTS
IEF237I 250  ALLOCATED TO SMPSTS
IEF237I 250  ALLOCATED TO SMPSCDS
IEF237I 223  ALLOCATED TO SMPWRK1
IEF237I 220  ALLOCATED TO SMPWRK2
IEF237I 221  ALLOCATED TO SMPWRK3
IEF237I 221  ALLOCATED TO SMPWRK4
IEF237I 221  ALLOCATED TO SMPWRK5
IEF237I 250  ALLOCATED TO ACMDLIB
IEF237I 250  ALLOCATED TO AGENLIB
IEF237I 250  ALLOCATED TO AHELP
IEF237I 250  ALLOCATED TO AIMAGE
IEF237I 250  ALLOCATED TO ALPALIB
IEF237I 250  ALLOCATED TO AMACLIB
IEF237I 250  ALLOCATED TO AMODGEN
IEF237I 250  ALLOCATED TO AOS00
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IEF237I 250  ALLOCATED TO AOS03
IEF237I 250  ALLOCATED TO AOS04
IEF237I 250  ALLOCATED TO AOS05
IEF237I 250  ALLOCATED TO AOS06
IEF237I 250  ALLOCATED TO AOS07
IEF237I 250  ALLOCATED TO AOS11
IEF237I 250  ALLOCATED TO AOS12
IEF237I 250  ALLOCATED TO AOS20
IEF237I 250  ALLOCATED TO AOS21
IEF237I 250  ALLOCATED TO AOS24
IEF237I 250  ALLOCATED TO AOS26
IEF237I 250  ALLOCATED TO AOS29
IEF237I 250  ALLOCATED TO AOS32
IEF237I 250  ALLOCATED TO AOSA0
IEF237I 250  ALLOCATED TO AOSA1
IEF237I 250  ALLOCATED TO AOSB0
IEF237I 250  ALLOCATED TO AOSB3
IEF237I 250  ALLOCATED TO AOSBN
IEF237I 250  ALLOCATED TO AOSC2
IEF237I 250  ALLOCATED TO AOSC5
IEF237I 250  ALLOCATED TO AOSC6
IEF237I 250  ALLOCATED TO AOSCA
IEF237I 250  ALLOCATED TO AOSCD
IEF237I 250  ALLOCATED TO AOSCE
IEF237I 250  ALLOCATED TO AOSD0
IEF237I 250  ALLOCATED TO AOSD7
IEF237I 250  ALLOCATED TO AOSD8
IEF237I 250  ALLOCATED TO AOSG0
IEF237I 250  ALLOCATED TO AOSH1
IEF237I 250  ALLOCATED TO AOSH3
IEF237I 250  ALLOCATED TO AOST3
IEF237I 250  ALLOCATED TO AOST4
IEF237I 250  ALLOCATED TO AOSU0
IEF237I 250  ALLOCATED TO APARMLIB
IEF237I 250  ALLOCATED TO APROCLIB
IEF237I 250  ALLOCATED TO ASAMPLIB
IEF237I 250  ALLOCATED TO ATCAMMAC
IEF237I 250  ALLOCATED TO ATSOMAC
IEF237I 250  ALLOCATED TO AUADS
IEF237I 250  ALLOCATED TO HASPSRC
IEF237I 150  ALLOCATED TO CMDLIB
IEF237I 150  ALLOCATED TO HELP
IEF237I 150  ALLOCATED TO IMAGELIB
IEF237I 150  ALLOCATED TO IMAGE
IEF237I 150  ALLOCATED TO LPALIB
IEF237I 150  ALLOCATED TO LINKLIB
IEF237I 150  ALLOCATED TO NUCLEUS
IEF237I 150  ALLOCATED TO MACLIB
IEF237I 150  ALLOCATED TO PARMLIB
IEF237I 150  ALLOCATED TO PROCLIB
IEF237I 150  ALLOCATED TO SAMPLIB
IEF237I 150  ALLOCATED TO SVCLIB
IEF237I 150  ALLOCATED TO TCOMMAC
IEF237I 150  ALLOCATED TO TELCMLIB
IEF237I 150  ALLOCATED TO UADS
IEF237I 250  ALLOCATED TO UMODLIB
IEF237I 250  ALLOCATED TO UMODOBJ
IEF237I 150  ALLOCATED TO VTAMLIB
IEF237I JES2 ALLOCATED TO SMPCNTL
IEF142I SLB0001 HMASMP APPLY - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS1.LINKLIB                                 PASSED        *--------0
```

```
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000024      DELETED       *--------5
IEF285I   VOL SER NOS= SORTW6.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000025      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW2.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000026      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW5.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000027      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW3.
IEF285I   JES2.JOB00586.SO0126                         SYSOUT
IEF285I   JES2.JOB00586.SO0127                         SYSOUT
IEF285I   JES2.JOB00586.SO0128                         SYSOUT
IEF285I   JES2.JOB00586.SO0129                         SYSOUT
IEF285I   JES2.JOB00586.SO0130                         SYSOUT
IEF285I   JES2.JOB00586.SO0131                         SYSOUT
IEF285I   JES2.JOB00586.SO0132                         SYSOUT
IEF285I   JES2.JOB00586.SO0133                         SYSOUT
IEF285I   JES2.JOB00586.SO0134                         SYSOUT
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000028      KEPT          *--------0
IEF285I   VOL SER NOS= WORK00.
IEF285I   SYS1.SMPMTS                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.MACLIB                                  KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.AMODGEN                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AMACLIB                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.HASPSRC                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.APVTMACS                                KEPT          *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPACDS                                 KEPT          *--------4
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPACRQ                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPCDS                                  KEPT          *---10,575
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPCRQ                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPMTS                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPPTS                                  KEPT          *-------25
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSCDS                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000029      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW4.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000030      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW1.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000031      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW2.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000032      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW2.
IEF285I   SYS22029.T153732.RA000.SLB0001.R0000033      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW2.
IEF285I   SYS1.ACMDLIB                                 KEPT          *--------0
```

```
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AGENLIB                                KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AHELP                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AIMAGE                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.ALPALIB                                KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AMACLIB                                KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AMODGEN                                KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS00                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS03                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS04                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS05                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS06                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS07                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS11                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS12                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS20                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS21                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS24                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS26                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS29                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOS32                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSA0                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSA1                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSB0                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSB3                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSBN                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSC2                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSC5                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSC6                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSCA                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSCD                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
```

```
IEF285I   SYS1.AOSCE                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSD0                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSD7                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSD8                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSG0                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSH1                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSH3                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOST3                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOST4                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AOSU0                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.APARMLIB                           KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.APROCLIB                           KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.ASAMPLIB                           KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.ATCAMMAC                           KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.ATSOMAC                            KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AUADS                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.HASPSRC                            KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.CMDLIB                             KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.HELP                               KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.IMAGELIB                           KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.IMAGELIB                           KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.LPALIB                             KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.LINKLIB                            KEPT          *-------10
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.NUCLEUS                            KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.MACLIB                             KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.PARMLIB                            KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.PROCLIB                            KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.SAMPLIB                            KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.SVCLIB                             KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.TCOMMAC                            KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.TELCMLIB                           KEPT          *--------0
```

```
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.UADS                                  KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.UMODLIB                               KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.UMODOBJ                               KEPT          *--------3
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.VTAMLIB                               KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   JES2.JOB00586.SI0105                       SYSIN
IEF373I STEP /HMASMP  / START 22029.1537
IEF374I STEP /HMASMP  / STOP  22029.1537 CPU    0MIN 01.75SEC SRB    0MIN 00.31SEC VIRT  4096K SYS   428K
*************************************************************************************************************************************
*                                                                                                                                   *
*  STEP NUMBER:          5  USER CORE:       4096K  START TIME:   15:37:34     CPU TIME:    00:00:02.06  ACTIVE TIME:  00:00:02.22 *
*  STEP NAME:     HMASMP    SYSTEM CORE:      428K  STOP TIME:    15:37:36     SRB TIME:    00:00:00.31  ALLOC TIME:   15:37:34    *
*  PROGRAM NAME:  HMASMP    REGION SIZE:     4096K  ELAPSED TIME: 00:00:02.41  TCB TIME:    00:00:01.75  PROGRAM LOAD: 15:37:34    *
*  CONDITION CODE:   00000  PERFORMANCE GROUP: 004                                                                                  *
*                           JES2 CARDS:          0       SERVICE UNITS  PAGES IN/OUT  # SWAPS  PAGES SWAP IN/OUT  VIO PAGES IN/OUT *
*                                                               55,592      0 /    0        0           0 /    0          0 /    0 *
*                                                                                                                                   *
*   ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT  ADDR/UNIT I/O COUNT   *
*   150/D3350         0  225/D2314         5  221/D2314         0  224/D2314         0  222/D2314         0  251/D3350         0   *
*   250/D3350         0  250/D3350         0  150/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0   *
*   151/D3350         0  250/D3350         4  250/D3350         0  250/D3350     10575  250/D3350         0  250/D3350         0   *
*   250/D3350        25  250/D3350         0  250/D3350         0  223/D2314         0  220/D2314         0  221/D2314         0   *
*   221/D2314         0  221/D2314         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0   *
*   250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0   *
*   250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0   *
*   250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0   *
*   250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0   *
*   250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0   *
*   250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0   *
*   250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0  250/D3350         0   *
*   250/D3350         0  250/D3350         0  150/D3350         0  150/D3350         0  150/D3350         0  150/D3350         0   *
*   150/D3350         0  150/D3350        10  150/D3350         0  150/D3350         0  150/D3350         0  150/D3350         0   *
*   150/D3350         0  150/D3350         0  150/D3350         0  150/D3350         0  150/D3350         0  250/D3350         0   *
*   250/D3350         3  150/D3350         0                                                                                    *
*************************************************************************************************************************************
IEF285I   SYS1.LINKLIB                               KEPT
IEF285I   VOL SER NOS= MVSRES.
IEF375I  JOB /SLB0001 / START 22029.1537
IEF376I  JOB /SLB0001 / STOP  22029.1537 CPU    0MIN 03.14SEC SRB    0MIN 00.49SEC
```

SYMBOL TYPE ID ADDR LENGTH LDID ASM 0201 15.37 01/29/22

IKJEFF53 SD 0001 000000 0003E8

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22
                                     2 */*
                                     3 */* LIB: IPO1.SAMPLIB(IKJEFF53)
                                     4 */* GDE: CBIPO MVS CUSTOMIZATION
                                     5 */* DOC: THIS IS THE ASSEMBLER SOURCE CODE FOR THE
                                     6 */*      SAMPLE MVS CUSTOM-BUILT IPO TSO OUTPUT, STATUS AND
                                     7 */*      CANCEL EXIT ROUTINE.
                                     8 */*
                                     9 *            MODULE NAME = IKJEFF53                                *
                                    10 *                                                                  *
                                    11 *            DESCRIPTIVE NAME =  MVS CUSTOM-BUILT IPO              *
                                    12 *               SUPPLIED FIB EXIT FOR TSO                          *
                                    13 *               CANCEL, OUTPUT AND STATUS COMMANDS                 *
                                    14 *                                                                  *
                                    15 *            FUNCTION =                                            *
                                    16 *               VALIDITY CHECKS JOBNAME ON A CANCEL, OUTPUT OR     *
                                    17 *               STATUS FIB (FOREGROUND INITIATED BACKGROUND)       *
                                    18 *               COMMAND.  ALLOWS FOR STATUS WITH JOBNAME 'TSO'     *
                                    19 *                                                                  *
                                    20 *               OPERATION =                                        *
                                    21 *                  STATUS:  IF JOBNAME IS NOT 'TSO' RETURN TO      *
                                    22 *                  CALLER SINCE ANY JOBNAME WILL BE ALLOWED.       *
                                    23 *                  IF JOBNAME IS 'TSO' PUT OUT LIST OF USERIDS     *
                                    24 *                  WITH ADDRESS SPACE ID AND TERMINAL ADDRESS      *
                                    25 *                  OR SYMBOLIC TERMINAL NAME (TSO/VTAM).           *
                                    26 *                  RETURN TO CALLER WITH RETURN CODE OF 12 TO      *
                                    27 *                  SKIP JOBNAME SEARCH FOR 'TSO'.                  *
                                    28 *                                                                  *
                                    29 *                  OUTPUT:  FIRST CHECK IF THE USER HAS OPERATOR   *
                                    30 *                  AUTHORITY.  IF YES, ALLOW THE USER TO OUTPUT     *
                                    31 *                  ANY JOBNAME.  IF THE USER DOES NOT HAVE OPERATOR *
                                    32 *                  AUTHORITY COMPARE THE USERID WITH THE JOBNAME    *
                                    33 *                  PASSED.  IF THE JOBNAME IS NOT THE USERID OR     *
                                    34 *                  DOES NOT START WITH THE USERID, THE JOBNAME      *
                                    35 *                  IS REJECTED BY FIRST RETURNING TO THE CALLER     *
                                    36 *                  AN ERROR MESSAGE AND A RETURN CODE REQUESTING    *
                                    37 *                  THAT THE MESSAGE BE ISSUED VIA THE PUTLINE       *
                                    38 *                  MECHANISM.  WHEN REENTERED FOR THE JOBNAME,      *
                                    39 *                  THE EXIT ISSUES A RETURN CODE REJECTING THE      *
                                    40 *                  JOBNAME.                                         *
                                    41 *                                                                   *
                                    42 *                  CANCEL:  FIRST CHECK IF THE USER HAS OPERATOR    *
                                    43 *                  AUTHORITY.  IF YES, ALLOW THE USER TO CANCEL     *
                                    44 *                  ANY JOBNAME (THE MVS SYSTEM WILL PREVENT THE     *
                                    45 *                  USER FROM CANCELLING STARTED TASKS AND TSO       *
                                    46 *                  SESSIONS).  IF THE USER DOES NOT HAVE OPERATOR   *
                                    47 *                  AUTHORITY COMPARE THE USERID WITH THE JOBNAME    *
                                    48 *                  PASSED.  IF THE JOBNAME IS NOT THE USERID PLUS   *
                                    49 *                  AT LEAST ONE CHARACTER, THE JOBNAME IS REJECTED  *
                                    50 *                  BY FIRST RETURNING TO THE CALLER AN ERROR        *
                                    51 *                  MESSAGE AND A RETURN CODE REQUESTING THAT THE    *
                                    52 *                  THAT THE MESSAGE BE ISSUED VIA THE PUTLINE       *
                                    53 *                  MECHANISM.  WHEN REENTERED FOR THE JOBNAME,      *
                                    54 *                  THE EXIT ISSUES A RETURN CODE REJECTING THE      *
                                    55 *                  JOBNAME.                                         *
                                    56 *                  CHANGED BY GREG PRICE OF FERNTREE TO ALLOW   GIP *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                                    57 *                    CANCEL OF JOBS WITH NAMES EQUAL TO THE TSO    GIP *
                                    58 *                    USERID.  JES WILL NOT ALLOW THE CANCELLING    GIP *
                                    59 *                    OF EXECUTING STARTED TASKS AND TSO SESSIONS,  GIP *
                                    60 *                    BUT A GENERAL TSO USER WILL BE ABLE TO PURGE  GIP *
                                    61 *                    SYSOUT FROM PRIOR TSO SESSIONS WHICH ARE      GIP *
                                    62 *                    NOT YET ON A PRINT/PUNCH DEVICE.              GIP *
                                    63 *                                                                      *
                                    64 *                NOTES =                                               *
                                    65 *                                                                      *
                                    66 *                   DEPENDENCIES = CHARACTER IS EBCDIC.  REASSEMBLE     *
                                    67 *                      IF A DIFFERENT CHARACTER SET IS NEEDED.         *
                                    68 *                                                                      *
                                    69 *                   RESTRICTIONS = USES SPKA FORM OF MODESET MACRO      *
                                    70 *                      INSTRUCTION SO MUST RUN SUPERVISOR STATE.       *
                                    71 *                                                                      *
                                    72 *                   REGISTER CONVENTIONS = STANDARD CONVENTIONS.        *
                                    73 *                      REGISTERS 0,1     = WORK REGISTERS              *
                                    74 *                      REGISTER  2       = MODESET KEYADDR             *
                                    75 *                      REGISTER  3       = WORK REGISTER               *
                                    76 *                      REGISTERS 4       = ADDRESSABILITY TO EXIT      *
                                    77 *                                            PARAMETER LIST            *
                                    78 *                      REGISTER  5       = RETURN CODE / ASVT MAXUSERS *
                                    79 *                      REGISTERS 6,7,8,9 = WORK REGISTERS              *
                                    80 *                      REGISTER  10      = ADDRESSABILITY TO REJECT    *
                                    81 *                                            MESSAGE GETMAINED AREA    *
                                    82 *                      REGISTER  11      = ADDRESSABILITY TO GETMAINED *
                                    83 *                                            DATA AREA                 *
                                    84 *                      REGISTER  12      = ADDRESSABILITY TO IKJEFF53  *
                                    85 *                                            CSECT                     *
                                    86 *                      REGISTER  13      = SAVE AREA REGISTER          *
                                    87 *                      REGISTERS 14,15   = WORK REGISTERS              *
                                    88 *                                                                      *
                                    89 *                   PATCH LABEL = PATCH (UNUSED AND INTIALIZED TO      *
                                    90 *                      'ZAP*'S)                                        *
                                    91 *                                                                      *
                                    92 *                MODULE TYPE = PROCEDURE                               *
                                    93 *                                                                      *
                                    94 *                   PROCESSOR = ASM                                    *
                                    95 *                                                                      *
                                    96 *                   MODULE SIZE = 1K                                   *
                                    97 *                                                                      *
                                    98 *                   ATTRIBUTES = PROTECT KEY 1, REENTRANT,             *
                                    99 *                      SUPERVISOR STATE                                *
                                   100 *                                                                      *
                                   101 *                ENTRY POINTS = IKJEFF53 (ONLY ENTRY POINT)            *
                                   102 *                                                                      *
                                   103 *                   LINKAGE =                                          *
                                   104 *                      IKJEFF51:  (CANCEL OR STATUS COMMAND) VIA CALL  *
                                   105 *                      IKJCT469:  (OUTPUT COMMAND) VIA CALL            *
                                   106 *                                                                      *
                                   107 *                INPUT = REGISTER 1 POINTS TO PARAMETER LIST MAPPED    *
                                   108 *                   BY IKJEFFIE MACRO                                  *
                                   109 *                                                                      *
                                   110 *                OUTPUT = SEE EXIT TOPICAL HEADING BELOW               *
                                   111 *                                                                      *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22
                                   112 *             EXIT - NORMAL = AT PROGRAM END VIA BRANCH REGISTER 14   *
                                   113 *                                                                     *
                                   114 *                OUTPUT = NONE                                        *
                                   115 *                                                                     *
                                   116 *                RETURN CODE = ZERO                                   *
                                   117 *                                                                     *
                                   118 *             EXIT - ERROR = AT PROGRAM END VIA BRANCH REGISTER 14    *
                                   119 *                                                                     *
                                   120 *                OUTPUT = MESSAGEP SET IN THE INPUT PARAMETER LIST.   *
                                   121 *                   IF RETURN IS FROM STATUS FOR JOBNAME 'TSO' THEN   *
                                   122 *                   RETURN CODE IS 12 AND NO MESSAGE WILL BE ISSUED.  *
                                   123 *                                                                     *
                                   124 *                RETURN CODE =                                        *
                                   125 *                   4  - ISSUE PROMPT AND RETURN REPLY   (IEPROMPT)   *
                                   126 *                   8  - ISSUE MESSAGE AND RETURN        (IEMSG)     *
                                   127 *                   12 - REJECT THIS JOB                 (IEREJECT)  *
                                   128 *                   16 - TERMINATE THIS COMMAND          (IEABORT)   *
                                   129 *                   (THIS VERSION USES ERROR CODE 8 AND 12)           *
                                   130 *                                                                     *
                                   131 *             EXTERNAL REFERENCES =                                   *
                                   132 *                                                                     *
                                   133 *                ROUTINES = NONE                                      *
                                   134 *                                                                     *
                                   135 *                DATA AREAS = NONE                                    *
                                   136 *                                                                     *
                                   137 *                CONTROL BLOCKS = PARMLIST, CVT, ASVT, ASCB, TSB      *
                                   138 *                                                                     *
                                   139 *             TABLES = DATA AREA TO BE GETMAINED.  MAPPED BY DSECT    *
                                   140 *                BEGINNING AT LABEL DATA.                             *
                                   141 *                                                                     *
                                   142 *             MACROS = IKJEFFIE, FREEMAIN, GETMAIN, SAVE, TPUT, CVT,  *
                                   143 *                      IKJTSB, IKTTSBX                                *
                                   144 *                                                                     *
                                   145 *             CHANGE ACTIVITY =                                       *
                                   146 *                                                                     *
                                   147 *                COMPARE OF USERID AND JOBNAME LENGTH MOVED        CUJ*
                                   148 *                CHECK FOR INVALID JOBNAME ADDED                   INJ*
                                   149 *                                                                     *
                                   150 *             MESSAGES =                                              *
                                   151 *                                                                     *
                                   152 *                NO MESSAGES ARE ISSUED BY THIS MODULE UNLESS         *
                                   153 *                STATUS IS ISSUED FOR JOBNAME 'TSO'.                  *
                                   154 *                MESSAGE TEXTS ARE, HOWEVER, PASSED BACK TO THE       *
                                   155 *                CALLER IN AN AREA GETMAINED BY THIS EXIT.            *
                                   156 *                FOR CANCEL THE MESSAGE IS THAT FOUND AT LABEL        *
                                   157 *                REJTEXT1.  FOR OUTPUT THE MESSAGE IS THAT FOUND      *
                                   158 *                AT LABEL REJTEXT2.  FOR STATUS WITH JOBAME 'TSO'     *
                                   159 *                TPUT IS USED TO PUT OUT LINES OF OUTPUT WHICH        *
                                   160 *                GIVE USERID, ADDRESS SPACE ID AND TERMINAL           *
                                   161 *                ADDRESS.  A HEADER LINE IS FOUND AT LABEL            *
                                   162 *                HEADER AND A TRAILER LINE IS FOUND AT LABEL          *
                                   163 *                USERS.  IF THIS MODULE ISSUED ITS OWN PUTLINE'S OR   *
                                   164 *                PUTGET'S WITH SECOND LEVELS, IT WOULD NEED TO DO     *
                                   165 *                MODESET TO KEY 0 BEFORE ISSUING THE MESSAGE(S).      *
                                   166 *                THEN DO A MODESET BACK TO KEY 1 BEFORE RETURNING     *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22
                                   167 *                TO THE CALLER.                                    *
                                   168 *                                                                  *
                                   169 *             ABEND CODES = NONE                                   *
                                   170 *                                                                  *
                                   171 ************************************************************************
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

000000                             173 IKJEFF53 CSECT
                                   174          SAVE  (14,12),,IKJEFF53.IPO.&SYSTIME..&SYSDATE SAVE REGISTERS
000000 47F0 F020      00020        175+         B     32(0,15)                          BRANCH AROUND ID       00450000
000004 1B                          176+         DC    AL1(27)                           LENGTH OF IDENTIFIER   00550000
000005 C9D2D1C5C6C6F5F3            177+         DC    CL8'IKJEFF53'                     IDENTIFIER             00950000
00000D 4BC9D7D64BF1F54B            178+         DC    CL8'.IPO.15.'                     IDENTIFIER             00950000
000015 F3F74BF0F161F2F9            179+         DC    CL8'37.01/29'                     IDENTIFIER             00950000
00001D 61F2F2                      180+         DC    CL3'/22'                          IDENTIFIER             00750000
000020 90EC D00C      0000C        181+         STM   14,12,12(13)                      SAVE REGISTERS         02950000
                                   182 *                                        WITH CSECT IDENTIFIER
000024 05C0                        183          BALR  R12,0                      BRANCH AND LOAD REGISTER 12
000026                             184 PSTART   DS    0H                         LABEL USED WHEN ESTABLISHING
                          00026    185          USING PSTART,R12                 CSECT ADDRESSABILITY
000026 5800 C2FA      00320        186          L     R0,SIZDATD                 LOAD REGISTER 0 WITH SIZE FOR
                                   187 *                                        GETMAIN
                                   188          GETMAIN R,LV=(0)           ISSUE REGISTER FORM OF GETMAIN
00002A 4510 C008      0002E        189+         BAL   1,*+4                           INDICATE GETMAIN
00002E 0A0A                        190+         SVC   10                              ISSUE GETMAIN SVC
                                   191 *                                        FOR AREA IN SUBPOOL 0
000030 18B1                        192          LR    R11,R1                     LOAD REGISTER 11 WITH ADDRESS OF
                                   193 *                                        GETMAINED AREA
                          00000    194          USING DATD,R11                   ESTABLISH ADDRESSABILITY TO
                                   195 *                                        GETMAINED AREA
000032 50D0 B004      00004        196          ST    R13,SAVEAREA+4             SAVE REGISTER 13 FOR SAVEAREA
                                   197 *                                        CHAINING
000036 9801 D014      00014        198          LM    R0,R1,20(R13)              RELOAD REGISTERS 0 AND 1 FROM
                                   199 *                                        PREVIOUS SAVEAREA
00003A 50B0 D008      00008        200          ST    R11,8(,R13)                SAVE ADDRESS OF CURRENT SAVEAREA
00003E 18DB                        201          LR    R13,R11                    LOAD REGISTER 13 WITH ADDRESS OF
                                   202 *                                        CURRENT SAVEAREA
000040 1841                        203          LR    R4,R1                      LOAD REGISTER 4 WITH POINTER TO
                                   204 *                                        PARAMETER LIST
                          00000    205          USING IEPARML,R4                 ESTABLISH ADDRESSABILITY TO
                                   206 *                                        PARAMETER LIST (USES
                                   207 *                                        IKJEFFIE MAPPING MACRO)
000042 4150 0000      00000        208          LA    R5,IECONTIN                INITIALIZE REGISTER 5 FOR RETURN
                                   209 *                                        CODE FOR NORMAL CASE - JOBNAME
                                   210 *                                        IS GOOD AND COMMAND SHOULD
                                   211 *                                        CONTINUE PROCESSING


                                   213 ************************************************************************
                                   214 *                                                                      *
                                   215 *        ALWAYS DO PROCESSING                                          *
                                   216 *                                                                      *
                                   217 ************************************************************************


000046 5860 4018      00018        219          L     R6,IECODEP                 LOAD COMMAND CODE POINTER
00004A 9504 6000      00000        220          CLI   0(R6),IECANCEL             SEE IF COMMAND IS CANCEL
00004E 4780 C03C      00062        221          BE    PROCESS                    YES....CONTINUE PROCESSING
000052 9508 6000      00000        222          CLI   0(R6),IEOUTPUT             SEE IF COMMAND IS OUTPUT
000056 4780 C03C      00062        223          BE    PROCESS                    YES....CONTINUE PROCESSING
00005A 9500 6000      00000        224          CLI   0(R6),IESTATUS             SEE IF COMMAND IS STATUS
00005E 4770 C2C6      002EC        225          BNE   ENDPROC                    NO.....DO NO PROCESSING
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22
                                   226 *                                  IF INVALID CODE
                                   228 ************************************************************************
                                   229 *                                                                      *
                                   230 *        SEE IF SECOND TIME ENTRY FOR A JOB -                          *
                                   231 *           MESSAGE POINTER NOT ZERO                                   *
                                   232 *                                                                      *
                                   233 ************************************************************************
000062                             235 PROCESS  DS    0H
000062 5860 4010      00010        236          L     R6,IEMSGP               LOAD MESSAGE POINTER
000066 1266                        237          LTR   R6,R6                   SEE IF MESSAGE ISSUED FOR LAST
                                   238 *                                      ENTRY
000068 4770 C2AE      002D4        239          BNZ   FREEMESS                YES....GO FREE MESSAGE BUFFER
                                   241 ************************************************************************
                                   242 *                                                                      *
                                   243 *        DETERMINE IF THIS IS FOR CANCEL                               *
                                   244 *           NO.....GO TO OUTPUT ROUTINE                                *
                                   245 *           YES....IF USER HAS OPERATOR AUTHORITY THEN O.K.             *
                                   246 *              ELSE CHECK IF JOBNAME IS VALID FOR CANCEL               *
                                   247 *              CANCEL NEEDS JOBNAME EQUAL TO USERID                    *
                                   248 *              PLUS AT LEAST ONE CHARACTER                             *
                                   249 *                                                                      *
                                   250 ************************************************************************
00006C                             252 VALIDITY DS    0H
00006C 5860 4018      00018        253          L     R6,IECODEP              LOAD COMMAND POINTER
000070 9504 6000      00000        254          CLI   0(R6),IECANCEL          SEE IF COMMAND IS CANCEL
000074 4770 C0AE      000D4        255          BNE   OUTPUT                  NO.....GO SEE IF OUTPUT COMMAND
                                   256          EXTRACT PSCBADDR,'S',FIELDS=PSB,MF=(E,EXTLIST)
000078 4110 B048      00048        257+         LA    1,EXTLIST                     LOAD PARAMETER REG 1   01900002
00007C 41E0 B054      00054        258+         LA    14,PSCBADDR                   PICK UP LIST ADDRESS   01350002
000080 50E1 0000      00000        259+         ST    14,0(1,0)                     STORE INTO PARAM. LIST 01400002
000084 1BEE                        260+         SR    14,14                         INDICATE ISSUING TASK  01950002
000086 50E1 0004      00004        261+         ST    14,4(1,0)                     TCB TO BE USED         02000002
00008A 9200 1008      00008        262+         MVI   8(1),0                        MOVE IN FIELDS BYTE    03100002
00008E 9240 1009      00009        263+         MVI   9(1),64       .         MOVE IN FIELD BYTE 2       20021 03150002
000092 0A28                        264+         SVC   40                            ISSUE EXTRACT SVC      03200002
                                   265 *                                  GET ADDRESS OF PROTECTED STEP
                                   266 *                                  CONTROL BLOCK
000094 5810 B054      00054        267          L     R1,PSCBADDR             LOAD POINTER TO PSCB
000098 9180 1010      00010        268          TM    PSCBATR1(R1),PSCBCTRL   SEE IF USER HAS OPERATOR
                                   269 *                                      AUTHORITY
00009C 4710 C2C6      002EC        270          BO    ENDPROC                 YES....GO TO END OF PROCEDURE
                                   271 *                                  O.K. TO CANCEL ANY JOBNAME
0000A0 58F0 400C      0000C        272          L     R15,IEIDLENP            LOAD USERID LENGTH POINTER
0000A4 9500 F000      00000        273          CLI   0(R15),0                CHECK WHETHER JOBNAME IS VALID
0000A8 4780 C10E      00134        274          BE    BADJOBN                 JOBNAME IS INVALID IF USERID
                                   275 *                                      IS NOT AVAILABLE (LENGTH=0 FOR
                                   276 *                                      FOR TSO COMMANDS IN BACKGROUND)
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

0000AC 1FEE                       277          SLR   R14,R14                 ZERO REGISTER 14
0000AE 43E0 F000      00000       278          IC    R14,0(,R15)             INSERT USERID LENGTH INTO
                                  279 *                                       REGISTER 14 AND LOAD
0000B2 5860 4004      00004       280          L     R6,IENAMELP             LOAD JOBNAME LENGTH POINTER  CUJ
0000B6 49E0 6000      00000       281          CH    R14,0(,R6)              SEE IF USERID LENGTH IS      GIP
                                  282 *                                       LONGER THAN JOBNAME LENGTH   GIP
0000BA 4720 C10E      00134       283          BH    BADJOBN                 YES....GO BUILD INVALID      GIP
                                  284 *                                       JOBNAME MESSAGE              CUJ
0000BE 5860 4008      00008       285          L     R6,IEUSRIDP             LOAD USERID POINTER          CUJ
0000C2 5810 4000      00000       286          L     R1,IEJOBNMP             LOAD JOBNAME POINTER         CUJ
0000C6 06E0                       287          BCTR  R14,0                   DECREMENT R14 FOR            CUJ
0000C8 44E0 C2E2      00308       288          EX    R14,JOBNCOMP            EXECUTE OF COMPARE           CUJ
0000CC 4770 C10E      00134       289          BNE   BADJOBN                 NO.....GO BUILD INVALID JOBNAME
                                  290 *                                       MESSAGE
0000D0 47F0 C2C6      002EC       291          B     ENDPROC                 GO ACCEPT JOBNAME


                                  293 ***************************************************************
                                  294 *                                                             *
                                  295 *        SEE IF THIS IS OUTPUT COMMAND                        *
                                  296 *           NO.....GO TO STATUS ROUTINE                       *
                                  297 *           YES....IF USER HAS OPERATOR AUTHORITY THEN O.K.    *
                                  298 *              ELSE CHECK IF JOBNAME IS VALID FOR OUTPUT      *
                                  299 *              OUTPUT NEEDS JOBNAME EQUAL TO USERID OR        *
                                  300 *              EQUAL TO USERID PLUS AT LEAST ONE CHARACTER    *
                                  301 *                                                             *
                                  302 ***************************************************************


0000D4                            304 OUTPUT   DS    0H
0000D4 9508 6000      00000       305          CLI   0(R6),IEOUTPUT          SEE IF COMMAND IS OUTPUT
0000D8 4770 C15E      00184       306          BNE   STATUS                  NO.....GO SEE IF STATUS COMMAND
                                  307          EXTRACT PSCBADDR,'S',FIELDS=PSB,MF=(E,EXTLIST)
0000DC 4110 B048      00048       308+         LA    1,EXTLIST                       LOAD PARAMETER REG 1   01900002
0000E0 41E0 B054      00054       309+         LA    14,PSCBADDR                     PICK UP LIST ADDRESS   01350002
0000E4 50E1 0000      00000       310+         ST    14,0(1,0)                       STORE INTO PARAM. LIST 01400002
0000E8 1BEE                       311+         SR    14,14                           INDICATE ISSUING TASK  01950002
0000EA 50E1 0004      00004       312+         ST    14,4(1,0)                       TCB TO BE USED         02000002
0000EE 9200 1008      00008       313+         MVI   8(1),0                          MOVE IN FIELDS BYTE    03100002
0000F2 9240 1009      00009       314+         MVI   9(1),64       .         MOVE IN FIELD BYTE 2       20021 03150002
0000F6 0A28                       315+         SVC   40                              ISSUE EXTRACT SVC      03200002
                                  316 *                                       GET ADDRESS OF PROTECTED STEP
                                  317 *                                       CONTROL BLOCK
0000F8 5810 B054      00054       318          L     R1,PSCBADDR             LOAD POINTER TO PSCB
0000FC 9180 1010      00010       319          TM    PSCBATR1(R1),PSCBCTRL   SEE IF USER HAS OPERATOR
                                  320 *                                       AUTHORITY
000100 4710 C2C6      002EC       321          BO    ENDPROC                 YES....GO TO END OF PROCEDURE
                                  322 *                                       O.K. TO OUTPUT ANY JOBNAME
000104 58F0 400C      0000C       323          L     R15,IEIDLENP            LOAD USERID LENGTH POINTER
000108 9500 F000      00000       324          CLI   0(R15),0                CHECK WHETHER JOBNAME IS VALID
00010C 4780 C10E      00134       325          BE    BADJOBN                 JOBNAME IS INVALID IF USERID
                                  326 *                                       IS NOT AVAILABLE (LENGTH=0 FOR
                                  327 *                                       FOR TSO COMMANDS IN BACKGROUND)
000110 1FEE                       328          SLR   R14,R14                 ZERO REGISTER 14
000112 43E0 F000      00000       329          IC    R14,0(,R15)             INSERT USERID LENGTH INTO
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                                    330 *                                REGISTER 14
000116 5860 4004      00004         331          L     R6,IENAMELP       LOAD JOBNAME LENGTH POINTER  CUJ
00011A 49E0 6000      00000         332          CH    R14,0(,R6)        SEE IF USERID LENGTH         CUJ
                                    333 *                                IS EQUAL TO OR SHORTER       CUJ
                                    334 *                                THAN JOBNAME LENGTH          CUJ
00011E 4720 C10E      00134         335          BH    BADJOBN           NO.....GO BUILD INVALID      CUJ
                                    336 *                                JOBNAME MESSAGE              CUJ
000122 5860 4008      00008         337          L     R6,IEUSRIDP       LOAD USERID POINTER          CUJ
000126 5810 4000      00000         338          L     R1,IEJOBNMP       LOAD JOBNAME POINTER         CUJ
00012A 06E0                         339          BCTR  R14,0             DECREMENT R14 FOR
00012C 44E0 C2E2      00308         340          EX    R14,JOBNCOMP      EXECUTE OF COMPARE
000130 4780 C2C6      002EC         341          BE    ENDPROC           EQUAL..RETURN TO CALLER


                                    343 ********************************************************************
                                    344 *                                                                  *
                                    345 *        REJECT THIS INVALID JOBNAME AND BUILD INVALID JOBNAME     *
                                    346 *           MESSAGE                                                *
                                    347 *                                                                  *
                                    348 ********************************************************************


000134                              350 BADJOBN  DS    0H                BUILD BAD JOBNAME MESSAGE
000134 5800 C39E      003C4         351          L     R0,GETMINFO       SUBPOOL 0, LENGTH DECIMAL 84
                                    352          GETMAIN R,LV=(0)        GET MESSAGE BUFFER
000138 4510 C116      0013C         353+         BAL   1,*+4                   INDICATE GETMAIN
00013C 0A0A                         354+         SVC   10                      ISSUE GETMAIN SVC
00013E 5010 4010      00010         355          ST    R1,IEMSGP       STORE POINTER TO MESSAGE BUFFER
                                    356 *                                INTO PARAMETER LIST
000142 18A1                         357          LR    R10,R1            LOAD REGISTER 10 WITH ADDRESS OF
                                    358 *                                GETMAINED AREA
                              00000 359          USING REJMSG,R10        ESTABLISH REGISTER 10 AS BASE
                                    360 *                                FOR REJECT MESSAGE DSECT
000144 9240 A000      00000         361          MVI   REJMSG,BLANK      INITIALIZE BUFFER WITH BLANKS
000148 D252 A001 A000 00001 00000   362          MVC   REJMSG+1(83),REJMSG
00014E D201 A000 C2EE 00000 00314   363          MVC   REJMLEN(2),HALF84 PUT IN MAXIMUM MESSAGE LENGTH
000154 D203 A002 C2F4 00002 0031A   364          MVC   REJJOB(4),JOBWORD PUT IN WORD 'JOB'
00015A 5810 4004      00004         365          L     R1,IENAMELP       LOAD JOBNAME LENGTH POINTER
00015E 48F0 1000      00000         366          LH    R15,0(,R1)        LOAD JOBNAME LENGTH
000162 18EF                         367          LR    R14,R15           LOAD REGISTER 14 WITH LENGTH
000164 06E0                         368          BCTR  R14,0             DECREMENT REGISTER 14 FOR MOVE
000166 5810 4000      00000         369          L     R1,IEJOBNMP       LOAD JOBNAME POINTER
00016A 44E0 C2E8      0030E         370          EX    R14,MOVEJOBN      INSERT THE BAD JOBNAME
00016E 4AF0 C2F0      00316         371          AH    R15,HALF2         INDEX PAST BLANK AFTER JOBNAME
000172 185F                         372          LR    R5,R15            LOAD REGISTER 5 AS TEMPORARY
                                    373 *                                SAVE AREA FOR REGISTER 15


                                    375 ********************************************************************
                                    376 *                                                                  *
                                    377 *        SAME MESSAGE TEXTS FOR CANCEL AND OUTPUT                GIP   *
                                    378 *                                                                  *
                                    379 ********************************************************************
```

```
                                381 *         L     R1,IECODEP              LOAD COMMAND POINTER
                                382 *         CLI   0(R1),IECANCEL          SEE IF COMMAND IS CANCEL
                                383 *         BNE   OUTPMESS                NO.....GO TO OUTPUT MESSAGE
                                384 *         ALR   R10,R5                  OFFSET MESSAGE IN BUFFER
                                385 *         MVC   REJSLOT-1(66),REJTEXT1  MOVE IN TEXT FOR CANCEL
                                386 *         B     SETRC                   GO SET RETURN CODE
                                387 *UTPMESS DS    0H
000174 1EA5                     388           ALR   R10,R5                  OFFSET MESSAGE IN BUFFER
000176 D244 A005 C2FE 00005 00324 389         MVC   REJSLOT-1(69),REJTEXT2  MOVE IN TEXT FOR OUTPUT
00017C                          390 SETRC     DS    0H
00017C 4150 0008      00008     391           LA    R5,IEMSG                SET RETURN CODE TO PROMPT
000180 47F0 C2C6      002EC     392           B     ENDPROC                 GO TO RETURN

                                394 ***************************************************************
                                395 *                                                             *
                                396 *         SEE IF THIS IS STATUS COMMAND                       *
                                397 *            NO.....GO TO END OF PROCEDURE                    *
                                398 *            YES....CHECK IF NAME IS 'TSO'                    *
                                399 *               NO.....GO TO END OF PROCEDURE                 *
                                400 *               YES....PUT OUT USERIDS, ASIDS, AND ADDRESSES  *
                                401 *                                                             *
                                402 ***************************************************************

000184                          404 STATUS    DS    0H
000184 9500 6000      00000     405           CLI   0(R6),IESTATUS          SEE IF COMMAND IS STATUS
000188 4770 C2C6      002EC     406           BNE   ENDPROC                 NO.....GO TO END OF PROCEDURE
00018C 5810 4000      00000     407           L     R1,IEJOBNMP             LOAD POINTER TO JOBNAME
000190 D502 C384 1000 003AA 00000 408         CLC   TSOWORD,0(R1)           SEE IF JOBNAME IS 'TSO'
000196 4770 C2C6      002EC     409           BNE   ENDPROC                 NO.....GO TO END OF PROCEDURE
00019A 5810 4004      00004     410           L     R1,IENAMELP             LOAD POINTER TO JOBNAME LENGTH
00019E D501 C2F2 1000 00318 00000 411         CLC   HALF3,0(R1)             SEE IF JOBNAME LENGTH IS 3
0001A4 4770 C2C6      002EC     412           BNE   ENDPROC                 NO.....GO TO END OF PROCEDURE
0001A8 58F0 0010      00010     413           L     R15,CVTPTR              LOAD POINTER TO CVT
                          00000 414           USING CVTMAP,R15              ESTABLISH ADDRESSABILITY TO CVT
0001AC 5860 F22C      0022C     415           L     R6,CVTASVT              LOAD POINTER TO ASVT
                                416           DROP  R15                     DROP ADDRESSABILITY TO CVT
0001B0 5856 0204      00204     417           L     R5,ASVTMAXU(R6)         LOAD MAXIMUM NUMBER OF ADDRESS
                                418 *                                       SPACES
0001B4 4166 020C      0020C     419           LA    R6,ASVTENTY-4(R6)       LOAD ADDRESS OF FIRST ASVT ENTRY
                                420 *                                       MINUS 4
0001B8 4130 0000      00000     421           LA    R3,0                    ZERO OUT USER COUNTER
                                422           TPUT  HEADER,L'HEADER         PUT OUT HEADER LINE
0001BC                          423+          CNOP  0,4                                             20350003
0001BC 47F0 C1A0      001C6     424+          B     *+10                    BRANCH AROUND CONSTANTS @OZ48113 20450036
0001C0 0000                     425+          DC    AL2(0)                   TSID                    20500003
0001C2 0015                     426+          DC    AL2(L'HEADER)            BUFFER SIZE             20550003
0001C4 0000                     427+          DC    AL1(0,0)                OPTION BYTE AND FILLER  @OZ48113 20600036
0001C6 5800 C19A      001C0     428+          L     0,*-6                    LOAD SIZE               @OZ48113 20650036
0001CA 4110 C343      00369     429+          LA    1,HEADER                 LOAD BUFFER ADDRESS     @OZ48113 20700036
0001CE BF18 C19E      001C4     430+          ICM   1,8,*-10                 LOAD OPTION BYTE        @OZ48113 20750036
0001D2 0A5D                     431+          SVC   93                       ISSUE TGET/TPUT SVC             21200003
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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                                   434 ********************************************************************
                                   435 *                                                                  *
                                   436 *        GO DOWN THE ADDRESS SPACE VECTOR TABLE                    *
                                   437 *           SEE IF ADDRESS SPACE CONTROL BLOCK IS FOR A TSO USER   *
                                   438 *              YES....GET ADDRESS SPACE ID, USERID, AND PHYSICAL   *
                                   439 *                     TERMINAL ADDRESS AND OUTPUT LINE             *
                                   440 *              NO.....GO CHECK NEXT ASCB                           *
                                   441 *                                                                  *
                                   442 ********************************************************************


0001D4                             444 ASCBNEXT DS    0H
0001D4 1255                        445          LTR   R5,R5                    SEE IF MAXUSER COUNTER ZERO
0001D6 4780 C27C      002A2        446          BZ    LASTASCB                 YES....GO HANDLE LAST ASCB
0001DA 0650                        447          BCTR  R5,0                     DECREMENT MAXUSER COUNTER
0001DC 9240 B068      00068        448          MVI   LINE,C' '                BLANK OUT THE OUTPUT LINE
0001E0 D218 B069 B068 00069 00068  449          MVC   LINE+1(L'LINE-1),LINE
0001E6 4166 0004      00004        450          LA    R6,4(R6)                 LOAD ADDRESS OF NEXT ASVT ENTRY
0001EA 5876 0000      00000        451          L     R7,0(R6)                 LOAD ADDRESS OF ACSB
                                   452          USING ASCB,R7                  ESTABLISH ADDRESSABILITY TO ASCB
0001EE 9180 6000      00000        453          TM    0(R6),X'80'              SEE IF ASID IS AVAILABLE
0001F2 4710 C1AE      001D4        454          BO    ASCBNEXT                 YES....GO ON TO NEXT ASVT ENTRY
0001F6 D503 7000 C387 00000 003AD  455          CLC   ASCBASCB(4),ASCBWORD     ENSURE CONTROL BLOCK IS VALID
0001FC 4770 C1AE      001D4        456          BNE   ASCBNEXT                 NO.....GO ON TO NEXT ASVT ENTRY
000200 5880 703C      0003C        457          L     R8,ASCBTSB               LOAD ADDRESS OF TSB
                                   458          USING TSB,R8                   ESTABLISH ADDRESSABILITY TO TSB
000204 1288                        459          LTR   R8,R8                    SEE IF ADDRESS ZERO - NOT TSO
000206 4780 C1AE      001D4        460          BZ    ASCBNEXT                 ZERO...GO ON TO NEXT ASVT ENTRY
                                   461          MODESET EXTKEY=ZERO,SAVEKEY=(2)  MODESET AND SAVE OLD KEY
                                   462+* /* MACDATE Y-3 77277                          @ZA26071*/ 01800003
                                   463+* /*                                                     01850002
00020A B20B 0000      00000        464+         IPK   0(0)                SAVE CURRENT PSW KEY                 79765102
00020E B20A 0000      00000        465+         SPKA  0(0)                 SET PSW KEY                         79765202
000212 9101 8019      00019        466          TM    TSBFLG5,TSBVTAM          SEE IF THIS IS A TSO/VTAM TSB
000216 4710 C212      00238        467          BO    GETTSBX                  YES....GO GET TSB EXTENSION
00021A 4880 8052      00052        468          LH    R8,TSBLINE               GET BINARY LINE ADDRESS
00021E 4080 B058      00058        469          STH   R8,PACK                  STORE ADDRESS IN WORKAREA
000222 F342 B05B B058 0005B 00058  470          UNPK  PACK+3(5),PACK(3)        UNPACK THE ADDRESS
000228 D202 B079 B05C 00079 0005C  471          MVC   LINEADDR,PACK+4          MOVE UNPACKED ADDRESS INTO LINE
00022E DC02 B079 C284 00079 002AA  472          TR    LINEADDR,TRT-240         TRANSLATE TO EBCDIC
000234 47F0 C22E      00254        473          B     MODEREST                 GO MODESET AND RESTORE OLD KEY
000238                             474 GETTSBX  DS    0H
000238 5890 8060      00060        475          L     R9,TSBEXTNT              GET ADDRESS OF TSB EXTENSION
                                   476          USING TSBX,R9                  ESTABLISH ADDRESSABILITY TO TSBX
00023C 9110 9020      00020        477          TM    TSBXFLG1,TSBXWREC        SEE IF TERMINAL AWAITING RECON
000240 47E0 C228      0024E        478          BNO   GETSYM                  NO.....GO GET SYMBOLIC NAME
000244 D207 B079 C393 00079 003B9  479          MVC   LINESYM(8),DISCON        MOVE IN DISCON'D
00024A 47F0 C22E      00254        480          B     MODEREST                 GO MODESET AND RESTORE OLD KEY
00024E                             481 GETSYM   DS    0H
00024E D207 B079 8068 00079 00068  482          MVC   LINESYM(8),TSBTRMID      MOVE IN TERMINAL SYMBOLIC NAME
                                   483          DROP  R8,R9
000254                             484 MODEREST DS    0H
                                   485          MODESET KEYADDR=(2)            MODESET AND RESTORE OLD KEY
                                   486+* /* MACDATE Y-3 77277                          @ZA26071*/ 01800003
                                   487+* /*                                                     01850002
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

000254 B20A 2000      00000         488+         SPKA  0(2)                SET PSW KEY                          79769302
000258 5880 70B0      000B0         489          L     R8,ASCBJBNS              LOAD POINTER TO JOBNAME FIELD
00025C 1288           0026C         490          LTR   R8,R8                    SEE IF POINTER IS ZERO
00025E 4780 C246      0026C         491          BZ    STARTING                 YES....GO MOVE IN 'STARTING'
000262 D207 B069 8000 00069 00000   492          MVC   LINEUSID,0(R8)           MOVE USERID TO PRINT LINE
000268 47F0 C24C      00272         493          B     EDITASID                 GO EDIT ASID TO EBCDIC
00026C                              494 STARTING DS    0H
00026C D207 B069 C38B 00069 003B1   495          MVC   LINEUSID,STRTWORD        MOVE 'STARTING' TO PRINT LINE
000272                              496 EDITASID DS    0H
000272 4880 7024      00024         497          LH    R8,ASCBASID              LOAD ADDRESS SPACE ID
000276 4E80 B058      00058         498          CVD   R8,PACK                  CONVERT TO DECIMAL
00027A D207 B060 C358 00060 0037E   499          MVC   CHAR,EDMSK               MOVE EDIT MASK TO CHAR
000280 DE07 B060 B05C 00060 0005C   500          ED    CHAR,PACK+4              EDIT TO ASID TO EBCDIC
000286 D202 B073 B065 00073 00065   501          MVC   LINEASID,CHAR+5          MOVE THREE CHARS TO PRINT LINE
00028C 4110 B068      00068         502          LA    R1,LINE                  LOAD POINTER TO LINE
                                    503          TPUT  (R1),L'LINE              PUT OUT OUTPUT LINE
000290                              504+         DS    0H                          TJID IS '0'                    22800003
000290 4100 001A      0001A         505+         LA    0,L'LINE                    LOAD SIZE IN REG.0             23300003
000294 4110 1000      00000         506+         LA    1,0(,R1)                    CLR HIGH ORDR BYTE + LD BFR ADR 24400003
000298 0A5D                         507+         SVC   93                          ISSUE TGET/TPUT SVC            21200003

00029A 4133 0001      00001         509          LA    R3,1(R3)                 ADD 1 TO USER COUNT
00029E 47F0 C1AE      001D4         510          B     ASCBNEXT                 GO ON TO NEXT ASVT ENTRY
                                    511          DROP  R7

                                    513 *********************************************************************
                                    514 *                                                                   *
                                    515 *        AT END OF ASVT CHAIN SO PUT OUT TSO USER COUNT             *
                                    516 *           AND SET RETURN CODE FOR USERID REJECT                   *
                                    517 *           TO AVOID SEARCH FOR JOBNAME 'TSO'                       *
                                    518 *                                                                   *
                                    519 *********************************************************************

0002A2                              521 LASTASCB DS    0H
0002A2 4E30 B058      00058         522          CVD   R3,PACK                  CONVERT USER COUNT TO DECIMAL
0002A6 D207 B060 C358 00060 0037E   523          MVC   CHAR,EDMSK               MOVE EDIT MASK TO CHAR
0002AC DE07 B060 B05C 00060 0005C   524          ED    CHAR,PACK+4              CONVERT DECIAML COUNT TO EBCDIC
0002B2 D203 B068 B064 00068 00064   525          MVC   LINE(4),CHAR+4           MOVE IN COUNT
0002B8 D213 B06C C360 0006C 00386   526          MVC   LINE+4(L'USERS),USERS    MOVE IN MESSAGE
0002BE 4110 B068      00068         527          LA    R1,LINE                  LOAD POINTER TO OUTPUT LINE
                                    528          TPUT  (R1),L'LINE              PUT OUT COUNT MESSAGE
0002C2                              529+         DS    0H                          TJID IS '0'                    22800003
0002C2 4100 001A      0001A         530+         LA    0,L'LINE                    LOAD SIZE IN REG.0             23300003
0002C6 4110 1000      00000         531+         LA    1,0(,R1)                    CLR HIGH ORDR BYTE + LD BFR ADR 24400003
0002CA 0A5D                         532+         SVC   93                          ISSUE TGET/TPUT SVC            21200003

0002CC 4150 000C      0000C         534          LA    R5,IEREJECT              TREAT AS IF JOBNAME REJECTED
0002D0 47F0 C2C6      002EC         535          B     ENDPROC                  GO TO END OF PROCEDURE

                                    537 *********************************************************************
                                    538 *                                                                   *
                                    539 *        SECOND TIME ENTRY (FREE MESSAGE BUFFER)                    *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                                    540 *                                                                 *
                                    541 ************************************************************************



0002D4                              543 FREEMESS DS    0H
0002D4 5810 4010      00010         544          L     R1,IEMSGP              LOAD POINTER TO GETMAINED AREA
0002D8 5800 C39E      003C4         545          L     R0,GETMINFO            LOAD SUBPOOL NUMBER AND LENGTH
                                    546 *                                    OF GETMAINED AREA
                                    547          FREEMAIN  R,LV=(0),A=(1)   FREE MESSAGE BUFFER
                                    548+*      OS/VS2 RELEASE 3 VERSION  -- 10/25/74                      00001603
0002DC 4110 1000      00000         549+         LA    1,0(0,1)                    CLEAR HI ORDER BYTE    00150802
0002E0 0A0A                         550+         SVC   10                          ISSUE FREEMAIN SVC     00311202
0002E2 1F66                         551          SLR   R6,R6                    ZERO OUT MESSAGE POINTER ENTRY
0002E4 5060 4010      00010         552          ST    R6,IEMSGP                IN PARMLIST
0002E8 4150 000C      0000C         553          LA    R5,IEREJECT              SET RETURN CODE TO 12 - DELETE
                                    554 *                                    ENTRY



                                    556 ************************************************************************
                                    557 *                                                                     *
                                    558 *        RETURN TO CALLER (STATUS, CANCEL, OR OUTPUT COMMAND)         *
                                    559 *                                                                     *
                                    560 ************************************************************************



0002EC                              562 ENDPROC  DS    0H
0002EC 58D0 D004      00004         563          L     R13,4(,R13)              RESTORE REGISTER 13
0002F0 5800 C2FA      00320         564          L     R0,SIZDATD               LOAD REGISTER 0 WITH SIZE OF
                                    565 *                                    GETMAINED AREA
0002F4 181B                         566          LR    R1,R11                   LOAD REGISTER 1 WITH ADDRESS OF
                                    567 *                                    GETMAINED AREA
                                    568          FREEMAIN R,LV=(0),A=(1)     FREE GETMAINED AREA
                                    569+*      OS/VS2 RELEASE 3 VERSION  -- 10/25/74                      00001603
0002F6 4110 1000      00000         570+         LA    1,0(0,1)                    CLEAR HI ORDER BYTE    00150802
0002FA 0A0A                         571+         SVC   10                          ISSUE FREEMAIN SVC     00311202
0002FC 18F5                         572          LR    R15,R5                   LOAD REGISTER 15 WITH RETURN
                                    573 *                                    CODE
0002FE 58E0 D00C      0000C         574          L     R14,12(,R13)             LOAD REGISTER 14 WITH RETURN
                                    575 *                                    ADDRESS
000302 980C D014      00014         576          LM    R0,R12,20(R13)           RESTORE REGISTERS
000306 07FE                         577          BR    R14                      RETURN VIA REGISTER 14
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                                    579 ******** CONSTANTS AND DSECTS *********
000308                              580 DATA     DS    0H
000308 D500 6000 1000 00000 00000   581 JOBNCOMP CLC   0(0,R6),0(R1)
00030E D200 A006 1000 00006 00000   582 MOVEJOBN MVC   REJSLOT(0),0(R1)
000314 0054                         583 HALF84   DC    H'84'
000316 0002                         584 HALF2    DC    H'2'
000318 0003                         585 HALF3    DC    H'3'
00031A D1D6C240                     586 JOBWORD  DC    CL4'JOB '
                           00040    587 BLANK    EQU   C' '
000000                              588 DATD     DSECT
000000                              589          DS    0F
000000                              590 SAVEAREA DS    18F
                                    591 EXTLIST  EXTRACT MF=L
000048                              592+         DS    0F                                                    04500002
000048 00000000                     593+EXTLIST  DC    A(0)                    LIST ADDRESS                  04800002
00004C 00000000                     594+         DC    A(0)                    TCB ADDRESS                   05050002
000050 00000000                     595+         DC A(0)                                                     05250002
000054                              596 PSCBADDR DS    F
                           00010    597 PSCBATR1 EQU   16
                           00080    598 PSCBCTRL EQU   X'80'
000058                              599 PACK     DS    D
000060                              600 CHAR     DS    CL8
000068                              601 LINE     DS    CL26
000082                     00069    602          ORG   LINE+1
000069                              603 LINEUSID DS    CL8
000071                     00073    604          ORG   LINE+11
000073                              605 LINEASID DS    CL3
000076                     00079    606          ORG   LINE+17
000079                              607 LINEADDR DS    CL3
00007C                     00079    608          ORG   LINE+17
000079                              609 LINESYM  DS    CL8
000081                     00082    610          ORG
000088                              611          DS    0D
                           00088    612 ENDDATD  EQU   *
00031E                              613 IKJEFF53 CSECT
000320                              614          DS    0F
000320 00                           615 SIZDATD  DC    AL1(0)
000321 000088                       616          DC    AL3(ENDDATD-DATD)
                                    617 *EJTEXT1 DC    CL66'REJECTED - JOBNAME MUST BE YOUR USERID PLUS AT LEAS
                                    618 *        T ONE CHARACTER'                                          GIP
000324 D9C5D1C5C3E3C5C4             619 REJTEXT2 DC    CL69'REJECTED - JOBNAME MUST BE YOUR USERID OR MUST STARC
00032C 406040D1D6C2D5C1                        T WITH YOUR USERID'
000369 4040E4E2C5D9C9C4             620 HEADER   DC    CL21'  USERID  ASID  LINE '
00037E 4020202020202120             621 EDMSK    DC    XL8'4020202020202120'
000386 40E4E2C5D9E240C1             622 USERS    DC    CL20' USERS ARE LOGGED ON'
00039A F0F1F2F3F4F5F6F7             623 TRT      DC    CL16'0123456789ABCDEF'
0003AA E3E2D6                       624 TSOWORD  DC    CL3'TSO'
0003AD C1E2C3C2                     625 ASCBWORD DC    CL4'ASCB'
0003B1 E2E3C1D9E3C9D5C7             626 STRTWORD DC    CL8'STARTING'
0003B9 C4C9E2C3D6D57DC4             627 DISCON   DC    CL8'DISCON''D'
0003C4                              628 GETMINFO DS    0F                      SUBPOOL AND LENGTH FOR GETMAIN
                                    629 *                                      OF MESSAGE AREA
0003C4 00                           630 GETMSP   DC    AL1(0)
0003C5 000054                       631 GETMLEN  DC    AL3(84)
0003C8 E9C1D75CE9C1D75C             632 PATCH    DC    8CL4'ZAP*'
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                            00000   633 R0       EQU   00                    EQUATES FOR REGISTERS 0-15
                            00001   634 R1       EQU   01
                            00002   635 R2       EQU   02
                            00003   636 R3       EQU   03
                            00004   637 R4       EQU   04
                            00005   638 R5       EQU   05
                            00006   639 R6       EQU   06
                            00007   640 R7       EQU   07
                            00008   641 R8       EQU   08
                            00009   642 R9       EQU   09
                            0000A   643 R10      EQU   10
                            0000B   644 R11      EQU   11
                            0000C   645 R12      EQU   12
                            0000D   646 R13      EQU   13
                            0000E   647 R14      EQU   14
                            0000F   648 R15      EQU   15
                            00210   649 ASVTENTY EQU   528
                            00204   650 ASVTMAXU EQU   516
000000                              651 REJMSG   DSECT                   DSECT FOR RETURN MESSAGE
000000                              652 REJMLEN  DS    H
000002                              653 REJJOB   DS    CL4
000006                              654 REJSLOT  DS    CL9
                                    655          IKJEFFIE IETYPE=OUTPUT
                                    656+*%IEPLS1: ;                    /* BAL/PLS HEADER                    */ 00057502
                                    657+*/*************************************************************/ 00063002
                                    658+*/*                                                           */ 00066002
                                    659+*/*  *** IKJEFFIE ***     LEVEL=03/07/74  OS/VS2 RELEASE 02.0 */ 00070002
                                    660+*/*                                                           */ 00080002
                                    661+*/*  FUNCTION - BILINGUAL MAPPING MACRO FOR THE PARAMETER LISTS */ 00090002
                                    662+*/*             TO/FROM THE INSTALLATION EXITS FOR THE FOREGROUND */ 00100002
                                    663+*/*             INITIATED BACKGROUND (FIB) COMMANDS           */ 00110002
                                    664+*/*                                                           */ 00120002
                                    665+*/*             IKJEFF10 IS THE INSTALLATION EXIT FOR THE SUBMIT */ 00130002
                                    666+*/*             COMMAND AND IKJEFF53 IS THE EXIT FOR THE CANCEL, */ 00140002
                                    667+*/*             OUTPUT, AND STATUS COMMANDS.  THE EXITS ARE ENTERED */ 00150002
                                    668+*/*             IN KEY 1, SUPERVISOR STATE SO THEY ARE PROTECTED */ 00152002
                                    669+*/*             FROM TSO USERS.  (CANNOT BE LOADED FROM       */ 00154002
                                    670+*/*             STEPLIB OR PRELOADED UNDER TSO TEST.)         */ 00156002
                                    671+*/*                                                           */ 00160002
                                    672+*/*  INTERFACE - REGISTER 1 HAS POINTER TO THE PARAMETER LIST  */ 00170002
                                    673+*/*               FOR CANCEL/OUTPUT/STATUS.  REGISTER 1 HAS   */ 00172002
                                    674+*/*               POINTER TO POINTER TO THE PARAMETER LIST FOR */ 00174002
                                    675+*/*               SUBMIT.                                     */ 00176002
                                    676+*/*              REGISTER 15 WILL HAVE RETURN CODE FROM THE EXIT. */ 00180002
                                    677+*/*                                                           */ 00190002
                                    678+*/*  METHOD OF ACCESS                                         */ 00195002
                                    679+*/*        PLS - %IEBASE='BASEINFO' - IF WANT BASED           */ 00200002
                                    680+*/*                                  EXAMPLE: %IEBASE='BASED(MYPTR)'*/ 00210002
                                    681+*/*                                  DEFAULT IS NOT BASED     */ 00220002
                                    682+*/*              %IETYPE='SUBMIT' - - IF WANT PARAMETERS FOR SUBMIT */ 00390402
                                    683+*/*                                  (THIS IS THE DEFAULT)    */ 00391402
                                    684+*/*              %IETYPE='CANST'  - - IF WANT PARAMETERS FOR CANCEL */ 00392402
                                    685+*/*                                  AND STATUS               */ 00394402
                                    686+*/*              %IETYPE='OUTPUT' - - IF WANT PARAMETERS FOR OUTPUT */ 00396402
                                    687+*/*              %INCLUDE SYSLIB(IKJEFFIE)                    */ 00398402
```

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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                                  688+*/*                                                                */ 00398602
                                  689+*/*        BAL  - <<MACRO SPECIFICATION IS IKJEFFIE IETYPE=XX>>     */ 00398802
                                  690+*/*               IETYPE=SUBMIT - - - IF WANT PARAMETERS FOR SUBMIT  */ 00399002
                                  691+*/*                                   (THIS IS THE DEFAULT)        */ 00499002
                                  692+*/*               IETYPE=CANST  - - - IF WANT PARAMETERS FOR CANCEL  */ 00599002
                                  693+*/*                                   AND STATUS                   */ 00699002
                                  694+*/*               IETYPE=OUTPUT - - - IF WANT PARAMETERS FOR OUTPUT  */ 00799002
                                  695+*/*                                                                */ 00849002
                                  696+*/*               ALWAYS GET A DSECT, IEDSECTD                     */ 00899002
                                  697+*/*               IF IETYPE=OUTPUT    GET A SECOND DSECT, IEOUTPLD  */ 01199002
                                  698+*/*               IF IETYPE=SUBMIT    GET A SECOND DSECT, IESUBCTD  */ 01499002
                                  699+*/*                                                                */ 01799002
                                  700+*/*  F.E.'S - MICROFICHE LISTING = IKJEFFIE                        */ 01899002
                                  701+*/*                                                                */ 01999002
                                  702+*/*****************************************************************/ 02099002
                                  703+*%GOTO IEPLS2;                 /* PLS CODE SKIPS AROUND BAL STATEMENTS    02199002
000000                            704+IEDSECTD DSECT                                                     06055002
000000                            705+         DS    0F                                                  06060002
                         00000    706+IEPARML  EQU   *          .<<CANCEL/STATUS/OUTPUT PARMLIST>>        06065002
000000                            707+IEJOBNMP DS    A          .JOBNAMEP = POINTER TO JOBNAME            06069002
                                  708+*                         .   (IN PARSE PDE CONTROL BLOCK)          06073002
000004                            709+IENAMELP DS    A          .NAMELENP = POINTER TO HALFWORD           06077002
                                  710+*                         .   WITH JOBNAME LENGTH (IN PDE C.B.)     06081002
000008                            711+IEUSRIDP DS    A          .USERIDP = POINTER TO USERID              06085002
00000C                            712+IEIDLENP DS    A          .IDLENPTR = POINTER TO ONE BYTE           06089002
                                  713+*                         .   WITH LENGTH OF USERID FROM PSCB       06093002
000010                            714+IEMSGP   DS    A          .MESSAGEP = ZERO ON ENTRY TO EXIT.  NOTE --  06101002
                                  715+*                         .   EXIT MUST PLACE POINTER TO MESSAGE HERE  06109002
                                  716+*                         .   IF RETURNING CODE OF 4 0R 8 TO COMMAND   06117002
                                  717+*                         .  (MESSAGE FORMAT IS LL-TEXT; WHERE LL IS   06125002
                                  718+*                         .   A TWO-BYTE LENGTH FIELD WITH LENGTH OF   06133002
                                  719+*                         .   THE MSG, INCLUDING LENGTH OF LL FIELD).  06141002
                                  720+*                         .   MAXIMUM MESSAGE TEXT LENGTH IS 246 BYTES. 06147002
000014                            721+IEREPLYP DS    A          .REPLYP = ZERO ON FIRST ENTRY TO THE EXIT    06154002
                                  722+*                         .   AND = POINTER TO REPLY OBTAINED BY THE   06156002
                                  723+*                         .   COMMAND IF EXIT HAD SPECIFIED RETURN CODE 06162002
                                  724+*                         .   4 (NOTE -- REPLY HAS SAME SETUP AS MSG).  06168002
                                  725+*                         .   THE COMMAND WILL FREE THE REPLY BUFFER.   06171002
000018                            726+IECODEP  DS    A          .CODEP = POINTER TO ONE-BYTE FIB COMMAND     06174002
                                  727+*                         .   CODE.  THE FOLLOWING CODES ARE DEFINED... 06178002
                         00004    728+IECANCEL EQU   4          .VALUE FOR CALLER = CANCEL COMMAND           06186002
                         00008    729+IEOUTPUT EQU   8          .VALUE FOR CALLER = OUTPUT COMMAND           06190002
                         00000    730+IESTATUS EQU   0          .VALUE FOR CALLER = STATUS COMMAND           06194002
                                  731+*                                                                  06198002
                                  732+*                                                                  06200002
00001C                            733+IEJOBIDP DS    A          .JOBIDP = POINTER TO JOBID IF JOBID WAS      06202002
                                  734+*                         .   SPECIFIED ON THE COMMAND (MAXIMUM LENGTH 06206002
                                  735+*                         .   IS 8)                                    06210002
000020                            736+IEJIDLNP DS    A          .JIDLENP = POINTER TO TWO-BYTE LENGTH OF     06214002
                                  737+*                         .   JOBID; LENGTH FIELD IS ZERO IF JOBID WAS 06218002
                                  738+*                         .   NOT SPECIFIED                            06220002
000024                            739+IEOUTPLP DS    A          .POINTER TO OUTPUT COMMAND PARAMETER LIST    06222002
                                  740+*                         .   - ZERO IF THE COMMAND IS CANCEL OR STATUS 06226002
000028                   00024    741+         ORG   IEOUTPLP                                              06234002
000024                            742+IEHIGH   DS    BL1        .CAN TURN ON HIGHEST BIT FOR STANDARD LINKAGE 06238002
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

000025                     00028   743+         ORG   IEOUTPLP+4                                          06244002
                                   745+******************************************************************* 06254002
                                   746+* PARAMETER LIST GIVING INFORMATION FOR OUTPUT COMMAND ONLY      * 06258002
                                   747+******************************************************************* 06262002
000000                             748+IEOUTPLD DSECT                                                     06266002
000000                             749+         DS    0F          .TO USE THIS DSECT, CODE --             06270002
                                   750+*                          .   L YOURREG,IEOUTPLP                  06273002
                                   751+*                          .   USING IEOUTPLD,YOURREG              06276002
                           00000   752+IEOUTPL  EQU   *           .IEOUTPL = OUTPUT PARAMETER LIST        06279002
000000                             753+IECLPDE1 DS    A           .CLASPDE1 = POINTER TO CLASS PDE        06282002
                                   754+*                          .   (FIRST ON PARSE'S CHAIN).  ZERO IF CLASS  06285002
                                   755+*                          .   NOT SPECIFIED ON OUTPUT COMMAND.    06286002
000004                             756+IEPRDPDE DS    A           .PRDSPDE = POINTER TO                   06288002
                                   757+*                          .   PRINT-DATA-SET-NAME PDE             06291002
000008                             758+IENCLPDE DS    A           .NEWCPDE = POINTER TO NEWCLASS PDE      06294002
00000C                             759+IEDESTPD DS    A           .DESTPDE = POINTER TO DEST PDE          06297002
000010                             760+IESYNTAX DS    0B          .IESYNTAX = STATUS BITS WITH USER-ENTERED  06300002
                                   761+*                          .   SYNTAX OF OUTPUT COMMAND            06303002
                                   762+*                                                                  06306002
000010                             763+IESYNTX1 DS    B           .FIRST 8 STATUS BITS                    06312002
                           00080   764+IEPAUSE  EQU   X'80'       .BIT ON IF PAUSE ENTERED (DEFAULT IS NOPAUSE) 06314002
                           00040   765+IEHOLD   EQU   X'40'       .BIT ON IF HOLD ENTERED (DEFAULT IS NOHOLD)   06320002
                           00020   766+IEHERE   EQU   X'20'       .BIT ON IF HERE ENTERED                 06321002
                           00010   767+IEBEGIN  EQU   X'10'       .BIT ON IF BEGIN ENTERED                06322002
                           00008   768+IENEXT   EQU   X'08'       .BIT ON IF NEXT ENTERED                 06323002
                           00004   769+IEDELETE EQU   X'04'       .BIT ON IF DELETE ENTERED               06324002
                           00002   770+IEPRINT  EQU   X'02'       .BIT ON IF PRINT ENTERED                06325002
                           00001   771+IENCLASS EQU   X'01'       .BIT ON IF NEWCLASS ENTERED             06326002
                                   772+*                                                                  06327002
                                   773+*                                                                  06327502
000011                             774+IESYNTX2 DS    B           .SECOND 8 STATUS BITS                   06328002
                           00080   775+IEKEEP   EQU   X'80'       .BIT ON IF KEEP ENTERED (DEFAULT IS NOKEEP)   06328802
                           00040   776+IEDEST   EQU   X'40'       .BIT ON IF DEST    ENTERED              06329602
                                   778+******************************************************************* 06331002
                                   779+* RETURN CODES FROM IKJEFF53 INSTALLATION EXIT TO THE COMMAND    * 06332002
                                   780+******************************************************************* 06340002
                           00000   781+IECONTIN EQU   0           .O.K. -- CONTINUE PROCESSING THIS JOBNAME  06360002
                                   782+*                          .   OR JOBNAME(JOBID) REQUEST           06362002
                           00004   783+IEPROMPT EQU   4           .ISSUE PROMPT MESSAGE FOR IKJEFF53 EXIT  06364002
                                   784+*                          .   AND RETURN THE REPLY TO THE EXIT.  THE  06366002
                                   785+*                          .   TSO COMMAND WILL FREE THE REPLY AREA.   06369002
                                   786+*                          .   IF USER IN NOPROMPT MODE, THE COMMAND   06370002
                                   787+*                              ISSUES AN ERROR MESSAGE AND TERMINATES. 06371002
                           00008   788+IEMSG    EQU   8           .ISSUE PUTLINE MESSAGE FOR EXIT, THEN   06372002
                                   789+*                          .   REENTER EXIT.  CALLER MUST OBTAIN MESSAGE 06373002
                                   790+*                          .   AREA AND MAY FREE IT WHEN REENTERED.    06375002
                           0000C   791+IEREJECT EQU   12          .REJECT THIS JOB AND CONTINUE PROCESSING ANY  06377002
                                   792+*                          .   OTHER JOBS.  AN ERROR MESSAGE SHOULD BE  06379002
                                   793+*                          .   ISSUED TO THE USER FIRST (USING RETURN   06381002
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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                                  794+*                          .   CODE 8).                                    06383002
                           00010  795+IEABORT  EQU   16          .ABORT THE COMMAND.  AN ERROR MESSAGE           06387002
                                  796+*                          .   SHOULD BE ISSUED TO THE USER FIRST          06389002
                                  797+*                          .   (USING RETURN CODE 8).                      06391002
                                  798+*************************************************************************** 06513002
                                  799+* END OF IKJEFFIE MAPPING MACRO                                          * 06514002
                                  800+*************************************************************************** 06517002
                                  801          IKJTSB   LIST=YES,EXT=NO
000000                            802+TSB      DSECT                                                              01600002
                                  803+*************************************************************************** 01800002
                                  804+*                                                                          02000002
                                  805+*                                                                          02200002
                                  806+*        THE TSB WILL CONTAIN INFORMATION PERTAINING TO A TERMINAL         02400002
                                  807+*        USER'S STATUS.  IT IS OBTAINED DURING TIOC INITIALIZATION         02600002
                                  808+*        AND WILL RESIDE IN THE COMMON AREA.  TSO.VTAM TSB'S   @ZA16607 02650003
                                  809+*        ARE OBTAINED DYNAMICALLY AS NEEDED                    @ZA16607 02800003
                                  810+*                                                                          03000002
                                  811+*        UPDATING OF FIELDS IN THIS CONTROL BLOCK MUST BE                  03200002
                                  812+*        SYNCHRONIZED BY HOLDING THE CMS LOCK, EXCEPT FOR                  03400002
                                  813+*        THE FOLLOWING FIELDS WHICH MUST BE UPDATED USING                  03600002
                                  814+*        COMPARE AND SWAP:                                                 03800002
                                  815+*                                                                          04000002
                                  816+*             TSBSTAX                                                      04200002
                                  817+*             TSBATTNC                                                     04400002
                                  818+*             TSBTPOST                                                     04600002
                                  819+*                                                                          04800002
                                  820+*        METHOD OF ACCESS                                      @ZA16607 04810003
                                  821+*         BAL- IF EXT=YES IS SPECFIED, A DSECT IS PRODUCED FOR @ZA16607 04820003
                                  822+*              TSB EXTENTION (TSBX).  USING ON TSBX GIVES      @ZA16607 04830003
                                  823+*              ADDRESSABILITY FOR ALL TSBX SYMBOLS.            @ZA16607 04840003
                                  824+*         PL/S-SPECIFY %TSBEXT='YES' BEFORE INCLUDING IKJTSB   @ZA16607 04850003
                                  825+*              IF THE TSB EXTENTION (TSBX) IS TO BE MAPPED.    @ZA16607 04860003
                                  826+*              TSBX IS BASED ON TSBEXTNT.                      @ZA16607 04870003
                                  827+*         **NOTE** USE OF EXT=YES FOR BAL OR %TSBEXT=YES FOR   @ZA25904 04880003
                                  828+*                  PL/S IS VALID ONLY FOR SYSTEMS WITH          @ZA25904 04890003
                                  829+*                  TSO/VTAM. USE OF EITHER PARAMETER ON         @ZA25904 04900003
                                  830+*                  SYSTEMS WITHOUT TSO/VTAM WILL RESULT IN      @ZA25904 04910003
                                  831+*                  ASSEMBLER OR COMPILER ERRORS.                @ZA25904 04920003
                                  832+*                                                               @ZA25904 04930003
                                  833+*        CHANGE ACTIVITY                                                   04960003
                                  834+*         AUG 1976 - SU13 TSO/VTAM                             @ZA16607 04968003
                                  835+*         AUG 1977 - SU35 TSO/VTAM LEVEL 3.0 +FEATURES       - @G35SKSR 04976003
                                  836+*        SEPT 1977 - TIOC/VTIOC SPLIT                        - @ZA25904 04984003
                                  837+* C217250-217400,576500-578000                                 @OZ49608 04984136
                                  838+* C217250,576500                                              @OZ46377 04984236
                                  839+* $A=OZ56745    ETI1106  81.07.20  592303:                        @N1A 04989436
                                  840+* A238000,812000 C748800-750000                                   @N1A 04994636
                                  841+* A232000                                                     @OZ59270 04996436
                                  842+* C745200,746000                                              @OZ59270 04998236
                                  843+*                                                                          05000002
                                  844+*************************************************************************** 05200002
000000                            845+         DS    0D .                    MUST BEGIN ON DOUBLEWORD          06800002
000000                            846+TSBASCBA DS    0A .                    POINTER TO ASCB                   07000002
                                  847+*                                                                          07200002
000000                            848+TSBSTAT  DS    X .                     TERMINAL STATUS BYTE              07400002
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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                                  849+*                        BIT DEFINITIONS                                  07600002
                           00080  850+TSBINUSE EQU   X'80' .                  TSB IN USE                       07800002
                           00040  851+TSBLWAIT EQU   X'40' .                  KEYBOARD LOCKED DUE TO A LACK    08000002
                                  852+*                                       OF INPUT BUFFERS                 08200002
                           00020  853+TSBDSPLY EQU   X'20' .                  TSB REPRESENTS A DISPLAY SCREEN  08400002
                           00010  854+TSBNOBUF EQU   X'10' .                  INDICATES TPUT FOUND NO BUFFERS  08600002
                           00008  855+TSBITOFF EQU   X'08' .                  PROHIBIT NON-SUPERVISORY INTER-  08800002
                                  856+*                                       TERMINAL MSGS TO USERS TERMINAL  09000002
                           00004  857+TSBDISC  EQU   X'04' .                  TSB HAS BEEN THRU LOGOFF         09200002
                           00002  858+TSB3270  EQU   X'02' .                  TSB REPRESENTS A 3270 TERMINAL   09400002
                           00001  859+TSBATNLD EQU   X'01' .                  ATTN FOR INPUT LINE DELETE       09600002
                                  860+*                                                                        09800002
000001                            861+TSBASCB  DS    AL3 .                    POINTER TO ASCB                  10000002
                                  862+*                                                                        10200002
000004                            863+TSBFLG1  DS    X .                      FIRST FLAG BYTE                  10400002
                                  864+*                        BIT DEFINITIONS                                 10600002
                           00080  865+TSBANSR  EQU   X'80' .                  ATTN SIMULATION REQUESTED        10800002
                           00040  866+TSBOFLSH EQU   X'40' .                  OUTPUT TRAILER Q IS TO BE        11000002
                                  867+*                                       FLUSHED                          11200002
                           00020  868+TSBOWIP  EQU   X'20' .                  A TPUT IS IN PROGRESS            11400002
                           00010  869+TSBWOWIP EQU   X'10' .                  WAITING IN OWAIT IN PROGRESS     11600002
                           00008  870+TSBIFLSH EQU   X'08' .                  INPUT QUEUE FLUSH IN PROGRESS    11800002
                           00004  871+TSBTJOW  EQU   X'04' .                  TJID TPUT ENCOUNTERED OWIP       12000002
                           00002  872+TSBTJIP  EQU   X'02' .                  A TJID TPUT IS IN PROGRESS       12200002
                           00001  873+TSBTJBF  EQU   X'01' .                  TJID TPUT FOUND NO TS BUFFERS    12400002
                                  874+*                                                                        12600002
000005                            875+TSBWTCB  DS    AL3 .                    ADDR OF TCB OF TASK WAITING ON   12800002
                                  876+*                                       TSBECB                           13000002
000008                            877+TSBLNSZ  DS    X .                      PHYSICAL LINE SIZE OF TERMINAL   13200002
000009                            878+TSBOTBFP DS    AL3 .                    PTR TO TRAILER BUFFER(S) AFTER   13400002
                                  879+*                                       HEADER BUFFER FOR MSG HAS BEEN   13600002
                                  880+*                                       REMOVED                          13800002
00000C                            881+TSBNOBF  DS    X .                      NO. OF BUFFERS ON OUTPUT QUEUE   14000002
00000D                            882+TSBOBFP  DS    AL3 .                    PTR TO OUTPUT BUFFER QUEUE       14200002
                                  883+*                                                                        14400002
000010                            884+TSBFLG2  DS    X .                      SECOND FLAG BYTE                 14600002
                                  885+*                        BIT DEFINITIONS                                 14800002
                           00080  886+TSBBIPI  EQU   X'80' .                  PARTIAL LINE PROMPTING COMPLETE  15000002
                           00040  887+TSBAUTON EQU   X'40' .                  AUTO PROMPTING REQUESTED         15200002
                           00020  888+TSBBRKIN EQU   X'20' .                  BREAKIN HAS OCCURED              15400002
                           00010  889+TSBAULST EQU   X'10' .                  AUTO LINE NUMBERING STARTED      15600002
                           00008  890+TSBAUTOC EQU   X'08' .                  AUTO CHARACTER PROMPT STARTED    15800002
                           00004  891+TSBSTAUT EQU   X'04' .                  PROMPT USER WITH NEXT LINE NO.   16000002
                           00002  892+TSBSATN1 EQU   X'02' .                  BITS 6 AND 7 ARE USED TO IND     16200002
                           00001  893+TSBSATN2 EQU   X'01' .                  THE NO. OF CHARS (1-4) IN THE    16400002
                                  894+*                                       CHAR STRING FOR SIMULATED ATTN   16600002
                                  895+*                                                                        16800002
000011                            896+TSBITBFP DS    AL3 .                    PTR TO INPUT TRAILER BUFFERS     17000002
                                  897+*                                       RESULTING FROM TGET WITH         17200002
                                  898+*                                       INSUFFICIENT BUFFER SIZE         17400002
000014                            899+TSBNIBF  DS    X .                      NO. OF BUFFERS ON INPUT QUEUE    17600002
000015                            900+TSBIBFP  DS    AL3 .                    PTR TO INPUT BUFFER QUEUE        17800002
                                  901+*                                                                        18000002
000018                            902+TSBFLG3  DS    X .                      THIRD FLAG BYTE                  18200002
                                  903+*                        BIT DEFINITIONS                                 18400002
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                            00080   904+TSBATTN  EQU   X'80' .                 ATTENTION HAS BEEN IGNORED      18800002
                            00040   905+TSBTJMSG EQU   X'40' .                 TSOUTPUT PROCESSING TJID MSG    19000002
                            00020   906+TSBSPIT  EQU   X'20' .                 STOP PROMPTING IF TCLEARQ OR    19200002
                                    907+*                                      STBREAK                         19400002
                            00010   908+TSBNBKSP EQU   X'10' .                 NEXT CHAR IN USER'S BFFR IS A   19600002
                                    909+*                                      BACKSPACE CHAR                  19800002
                            00008   910+TSBAWOIP EQU   X'08' .                 AN ASID TPUT IS WAITING         20000002
                                    911+*                                      FOR A NORMAL TPUT TO COMPLETE   20200002
                            00004   912+TSBTPUT  EQU   X'04' .                 TCAM PROCESSING OF A            20400002
                                    913+*                                      TPUT IS NOT YET COMPLETE        20600002
                                    914+*                                      (CORRESPONDS TO QCBTPUT)        20800002
                            00002   915+TSBNOBRK EQU   X'02' .                 USE OF BREAK FEATURE            21000002
                                    916+*                                      NOT CURRENTLY ALLOWED           21200002
                                    917+*                                      FOR THIS TERMINAL               21400002
                            00001   918+TSBNFLOP EQU   X'01' .                 FLASHBACK BIT          @ZA02244 21450003
000019                              919+TSBFLG5  DS    X .                     FIFTH FLAG BYTE        @ZA16607 21500003
                                    920+*                    BIT DEFINITIONS                      @ZA16607 21550003
                            00080   921+TSBATMP  EQU   X'80' .                 TERM. CONTROL ROUTINE ACTIVE    21700003
                                    922+*                                      FOR THIS TERMINAL      @ZA24648 21710003
                            00040   923+TSBSPF   EQU   X'40'                   SPF ACTIVE FOR THIS TERMINAL    21720003
                            00020   924+TSBLOGON EQU   X'20'                   LOGON INITALIZATION    @OZ46377 21725036
                            00010   925+TSBPARM  EQU   X'10'                   EXTENDED PARM          @OZ46377 21735036
                            00008   926+TSBQRY   EQU   X'08'                   CURRENT TERMINAL       @OZ49608 21745036
                                    927+*                                      SUPPORTS DEVICE QUERY  @OZ49608 21755036
                            00004   928+TSBNEDIT EQU   X'04'                   NOEDIT MODE IN EFFECT  @OZ49608 21765036
                            00002   929+TSBKEYS  EQU   X'02' .                 PASS ATTN. AND CLEAR KEYS       21800003
                                    930+*                                      TO COMMAND PROCESSOR   @ZA24648 21840003
                            00001   931+TSBVTAM  EQU   X'01' .                 THIS IS A VTAM TSB     @ZA16607 21860003
                                    932+*                                                             @ZA16607 21866003
00001A                              933+TSBTERMC DS    0CL2 .                  TERMINAL CHARACTERISTICS        22000002
00001A                              934+TSBTERM1 DS    X .                     1ST FLAG BYTE                   22200002
                            00080   935+TSBCIHBN EQU   X'80' .                 TIME-OUT INHIBITED              22400002
                            00040   936+TSBCBRK  EQU   X'40' .                 BREAK FEATURE                   22600002
                            00020   937+TSBCATTN EQU   X'20' .                 ATTENTION FEATURE               22800002
                            00010   938+TSBC5041 EQU   X'10' .                 LINE IS 5041                    23000002
                            00008   939+TSBC2741 EQU   X'08' .                 TERMINAL IS 2741                23200002
                            00002   940+TSBTSTR  EQU   X'02' .                 TCAM TRACE ACTIVE      @OZ59270 23250036
                            00001   941+TSBTGET  EQU   X'01' .                 TCAM TGET NOT COMPLETE @OZ59270 23300036
                                    942+*                                                                      23400002
00001B                              943+TSBTERM2 DS    X .                     2ND FLAG BYTE                   23600002
                            00020   944+TSBCTWX  EQU   X'20' .                 TERMINAL IS TWX                 23800002
                                    945+*        EQU   X'10' .                 RESERVED                 @N1A   23811736
                            0000C   946+TSBALTCF EQU   B'00001100' .          ALTERNATE CODE FLAGS     @N1A   23823436
                                    947+*                                      TWO BIT FIELD REPRESENTING @N1A 23835136
                                    948+*                                      THE FOLLOWING BIT VALUES   @N1A 23846836
                                    949+*                                      ASCII-7 00,ASCII-8 01,     @N1A 23858536
                                    950+*                                      RESERVED 10, RESERVED 11   @N1A 23870236
                            000F3   951+TSBASCI7 EQU   B'11110011' .          THE NEGATIVE TO BE USED    @N1A 23881936
                                    952+*                                      TO INDICATE THAT ASCII-7   @N1A 23893636
                                    953+*                                      IS BEING USED.............  @N1A 23905336
                                    954+*                                      ............ASCII-7 EQU 00  @N1A 23917036
                            00004   955+TSBASCI8 EQU   B'00000100' .          ASCII-8 ALTERNATE CODE     @N1A 23928736
                                    956+*                                      CURRENTLY BEING USED       @N1A 23940436
                                    957+*        EQU   B'00001000' .          RESERVED                   @N1A 23952136
                                    958+*        EQU   B'00001100' .          RESERVED                   @N1A 23963836
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                            00002   959+TSBALTCD EQU   X'02' .                THE RESOURCE IS USING AN   @N1A 23975536
                                    960+*                                     ALTERNATE CODE             @N1A 23987236
                            00001   961+TSBC1050 EQU   X'01' .                TERMINAL IS 1050                24000002
                                    962+*                                                                     24200002
00001C                              963+TSBECB   DS    F .                    ECB FOR INTER-TERMINAL COM-     24400002
                                    964+*                                     MUNICATION (TPUT WITH TJID)     24600002
000020                              965+TSBWTJID DS    H .                    TJID OF TASK WAITING ON TSBECB  24800002
000022                              966+TSBSTCC  DS    0H .                   SPECIAL USER CHAR FIELD         25000002
000022                              967+TSBLNDCC DS    CL1 .                  LINE DELETE CHARACTER           25200002
000023                              968+TSBCHDCC DS    CL1 .                  CHARACTER DELETE CHARACTER      25400002
000024                              969+TSBATNLC DS    CL2 .                  NO. OF SUCCESSIVE OUTPUT LINES  25600002
                                    970+*                                     BETWEEN ATTENTION SIMULATION    25800002
000026                              971+TSBATNTC DS    CL2 .                  NUMBER OF CONTINUOUS 1-SECOND   26000002
                                    972+*                                     TIME INTERVALS                  26200002
000028                              973+TSBLNNO  DS    CL1 .                  NO. OF LINES ON A DISPLAY       26400002
                                    974+*                                     SCREEN                          26600002
                                    975+*                                                                     26800002
000029                              976+TSBFLG4  DS    X .                    FLAG BYTE                       27000002
                                    977+*                       BIT DEFINITIONS                           27200002
                            00080   978+TSBOCAB  EQU   X'80' .                OUT-OF-CORE ABEND               27400002
                            00040   979+TSBIWAIT EQU   X'40' .                INPUT WAIT IN PROGRESS          27600002
                            00020   980+TSBOWAIT EQU   X'20' .                OUTPUT WAIT IN PROGRESS         27800002
                            00010   981+TSBHUNG  EQU   X'10' .                TERMINAL HAS HUNG UP            28000002
                            00008   982+TSBHOLD  EQU   X'08' .                TPUT HOLD IN PROGRESS           28200002
                            00004   983+TSBCANC  EQU   X'04' .                SESSION CANCELLED               28400002
                            00002   984+TSBGETBF EQU   X'02' .                TJID TPUT MAY GET AN EXTRA      28600002
                                    985+*                                     ALLOWANCE OF OUTPUT BUFFERS     28800002
                            00001   986+TSBHLDL  EQU   X'01' .                DON'T DISCONNECT LINE           29000002
                                    987+*                                     AFTER LOGOFF                    29200002
00002A                              988+TSBASRCE DS    CL2 .                  TCAM TERMINAL INDEX.            29400002
                                    989+*                                     EQUIVALENT TO PRFSRCE IN        29600002
                                    990+*                                     TCAM INPUT BUFFERS.             29800002
00002C                              991+TSBATNCC DS    CL4 .                  CHARACTER STRING USED FOR       30000002
                                    992+*                                     ATTENTION SIMULATION            30200002
000030                              993+TSBAUTOS DS    F .                    STARTING AND CURRENT SEQ NO.    30400002
                                    994+*                                     FOR AUTO LINE NUMBERING         30600002
000034                              995+TSBAUTOI DS    F .                    INCREMENT VALUE FOR AUTO LINE   30800002
                                    996+*                                     NUMBERING                       31000002
000038                              997+TSBERSDS DS    F .                    CHARS USED TO ERASE SCREEN      31200002
                                    998+*                                                                     31400002
00003C                              999+TSBCTCB  DS    F .                    TCB ADDRESS OF TASK CURRENTLY   31600002
                                   1000+*                                     DOING A TPUT                    31800002
000040                             1001+TSBRCB   DS    0XL8 .                 TCAM RESOURCE CTL BLK           32000002
000040                             1002+TSBRQCB  DS    A .                    RCB QCB POINTER                 32200002
000044                             1003+TSBLINKA DS    0A .                   RCB LINK WORD                   32400002
000044                             1004+TSBPRI   DS    X .                    TPOSTING PRIORITY               32600002
000045                             1005+TSBLINKB DS    AL3 .                  RCB LINKING FIELD               32800002
                                   1006+*                                                                    33000002
000048                             1007+TSBTPOST DS    0D .                   TPOSTING COMMUNICATIONS AREA    33200002
                                   1008+*                                     UPDATED ONLY WITH CS/CDS        33400002
000048                             1009+TSBTPFLG DS    X .                    TPOSTING FLAGS                  33600002
                                   1010+*                          BIT DEFINITIONS                           33800002
                                   1011+*         BITS  3 - 7                 RESERVED                        34000002
                            00080  1012+TSBPOSTO EQU   X'80' .                TPOST OF TSB OUTSTANDING        34200002
                            00040  1013+TSBTPQCB EQU   X'40' .                TPOST TERM. DEST. QCB           34400002
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                            00020  1014+TSBTPAYI EQU   X'20' .                TPOST TSI TO TSINPUT            34600002
                            00010  1015+TSBNEWID EQU   X'10' .                UPDATE QCB TJID WITH            34800002
                                   1016+*                                     NEW ASCBASID                    35000002
                                   1017+*                                                                     35200002
000049                             1018+TSBSBASV DS    CL1  .                 NO. OF SBA CHAR. IN    @ZA11104 35400037
                                   1019+*                                     FOLLOWING BUFFER       @ZA11104 35500037
00004A                             1020+TSBFLAGM DS    X .                    QCBFLAG SUBSTITUTION MASK.      35600002
                                   1021+*                                     INDICATES BIT POSITIONS TO      35800002
                                   1022+*                                     CHANGE IN QCBFLAG.              36000002
00004B                             1023+TSBFLAGV DS    X .                    QCBFLAG SUBSTITUTION VALUE.     36200002
                                   1024+*                                     INDICATES BIT VALUES TO         36400002
                                   1025+*                                     SUBSTITUTE FOR CHANGING         36600002
                                   1026+*                                     BIT POSITIONS IN QCBFLAG.       36800002
00004C                             1027+TSBF2M   DS    X .                    QCBTSOF2 SUBSTITUTION MASK      37000002
00004D                             1028+TSBF2V   DS    X .                    QCBTSOF2 SUBSTITUTION VALUE     37200002
00004E                             1029+TSBF1M   DS    X .                    QCBTSOF1 SUBSTITUTION MASK      37400002
00004F                             1030+TSBF1V   DS    X .                    QCBTSOF1 SUBSTITUTION VALUE     37600002
                                   1031+*                                                                     37800002
000050                             1032+TSBATTNC DS    X .                    NO. OF UNPROCESSED ATTN'S       38000002
000051                             1033+TSBSTAX  DS    X .                    NO. OF UNSCHEDULED STAX EXITS   38200002
000052                             1034+TSBLINE  DS    CL2 .                  LINE ADDRESS OR 3705            38400002
                                   1035+*                                     RESOURCE I.D. OF THIS           38600002
                                   1036+*                                     TERMINAL.                       38800002
000054                             1037+TSBLECB  DS    0A .                   TIOC LOGOFF WAITS ON THIS ECB   39000002
                                   1038+*                                     WHILE TIOC FINISHES TCAM        39200002
                                   1039+*                                     PROCESSING FOR A                39400002
                                   1040+*                                     TERMINATING MEMORY.             39600002
000054                             1041+TSBMINL  DS    F .                    NO. OF MINUTES LEFT             39800002
                                   1042+*                                     BEFORE A DISCONNECTED           40000002
                                   1043+*                                     USER WILL BE LOGGED OFF.        40200002
000058                             1044+TSBPSWD  DS    CL8 .                  LOGON PASSWORD                  40400002
000060                             1045+TSBEXTNT DS    F .                    ADDRESS OF TSB EXTENTION        40410003
                                   1046+*                                                        @ZA16607 40430003
000064                             1047+TSBPRMR  DS    AL1 .                  NDS PRIM(DEFAULT) ROWS @G35SKSR 40460003
000065                             1048+TSBPRMC  DS    AL1 .                  NDS PRIM(DEFAULT) COLS @G35SKSR 40470003
000066                             1049+TSBALTR  DS    AL1 .                  NDS ALTERNATE ROWS     @G35SKSR 40480003
000067                             1050+TSBALTC  DS    AL1 .                  NDS ALTERNATE COLS     @G35SKSR 40520003
000068                             1051+TSBTRMID DS    D .                    TERMINAL SYMBOLIC NAME @G32TKKM 40530003
000070                             1052+TSBSF1   DS    D .                    SECURITY FIELD 1       @G32TKKM 40550003
000078                             1053+TSBEND   DS    0D .                   MARKS THE END OF THE TSB        40600002
                                   1054+*                                                                     40800002
                                   1055+*        ************************************************************ 41000002
                                   1056+*    0   *   TSBSTAT    *                  TSBASCB                  * 41200002
                                   1057+*        ************************************************************ 41400002
                                   1058+*    4   *   TSBFLG1    *                  TSBWTCB                  * 41600002
                                   1059+*        ************************************************************ 41800002
                                   1060+*    8   *   TSBLNSZ    *                  TSBOTBFP                 * 42000002
                                   1061+*        ************************************************************ 42200002
                                   1062+*   12   *   TSBNOBF    *                  TSBOBFP                  * 42400002
                                   1063+*        ************************************************************ 42600002
                                   1064+*   16   *   TSBFLG2    *                  TSBITBFP                 * 42800002
                                   1065+*        ************************************************************ 43000002
                                   1066+*   20   *   TSBNIBF    *                  TSBIBFP                  * 43200002
                                   1067+*        ************************************************************ 43400002
                                   1068+*   24   *   TSBFLG3    *   TSBFLG5    *           TSBTERMC         * 43450003
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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                                  1069+*         ************************************************************  43800002
                                  1070+*    28   *                        TSBECB                            *  44000002
                                  1071+*         ************************************************************  44200002
                                  1072+*    32   *          TSBWTJID          *          TSBSTCC           *  44400002
                                  1073+*         ************************************************************  44600002
                                  1074+*    36   *          TSBATNLC          *          TSBATNTC          *  44800002
                                  1075+*         ************************************************************  45000002
                                  1076+*    40   *   TSBLNNO    *   TSBFLG4    *          TSBASRCE          *  45200002
                                  1077+*         ************************************************************  45400002
                                  1078+*    44   *                        TSBATNCC                          *  45600002
                                  1079+*         ************************************************************  45800002
                                  1080+*    48   *                        TSBAUTOS                          *  46000002
                                  1081+*         ************************************************************  46200002
                                  1082+*    52   *                        TSBAUTOI                          *  46400002
                                  1083+*         ************************************************************  46600002
                                  1084+*    56   *                        TSBERSDS                          *  46800002
                                  1085+*         ************************************************************  47000002
                                  1086+*    60   *                        TSBCTCB                           *  47200002
                                  1087+*         ************************************************************  47400002
                                  1088+*    64   *                        TSBRQCB                           *  47600002
                                  1089+*         ************************************************************  47800002
                                  1090+*    68   *   TSBPRI     *                TSBLINK                      *  48000002
                                  1091+*         ************************************************************  48200002
                                  1092+*    72   *   TSBTPFLG   *  RESERVED    *   TSBFLAGM   *   TSBFLAGV   *  48400002
                                  1093+*         ************************************************************  48600002
                                  1094+*    76   *   TSBF2M     *   TSBF2V     *   TSBF1M     *   TSBF1V     *  48800002
                                  1095+*         ************************************************************  49000002
                                  1096+*    80   *   TSBATTNC   *   TSBSTAX    *          TSBLINE           *  49200002
                                  1097+*         ************************************************************  49400002
                                  1098+*    84   *                     TSBLECB/MINL                         *  49600002
                                  1099+*         ************************************************************  49800002
                                  1100+*         *                                                          *  50000002
                                  1101+*    88   *                        TSBPSWD                           *  50200002
                                  1102+*         *                                                          *  50400002
                                  1103+*         ************************************************************  50600002
                                  1104+*    96   *                        TSBEXTNT                          *  50620003
                                  1105+*         ************************************************************  50640003
                                  1106+*   100   * TSBPRMR      * TSBPRMC     * TSBALTR      * TSBALTC      *  50680003
                                  1107+*         ************************************************************  50686003
                                  1108+*         *                                                          *  50720003
                                  1109+*   104   *                        TSBTRMID                          *  50728003
                                  1110+*         *                                                          *  50736003
                                  1111+*         ************************************************************  50744003
                                  1112+*         *                                                          *  50752003
                                  1113+*   112   *                         TSBSF1                           *  50760003
                                  1114+*         *                                                          *  50768003
                                  1115+*         ************************************************************  50776003
                                  1116+*                                                                       50800002


                                  1118           IKTTSBX
000000                            1119+TSBX      DSECT                                                         00050000
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

000000                           1121+TSBX     DSECT                                                 @Z40DCKM 00630000
000000                           1122+         DS    0D                                              @Z40DCKM 00640000
000000                           1123+TSBXFWD  DS    F               TSO/VTAM TSB FORWARD POINTER    @Z40DCKM 00650000
000004                           1124+TSBXBCK  DS    F               TSO/VTAM TSB BACKWARD POINTER   @Z40DCKM 00660000
000008                           1125+TSBXECB  DS    F               X-MEMORY SYNC. ECB FOR RECONNECT        00670000
                                 1126+*                                                                @Z40DCKM 00680000
00000C                           1127+         DS    F               RESERVED                        @Z40DCKM 00690000
000010                           1128+         DS    D               RESERVED                        @G32TKKM 00700000
000018                           1129+TSBXUID  DS    D               USER IDENTIFICATION             @Z40DCKM 00710000
000020                           1130+TSBXFLG1 DS    X               FIRST TSBX FLAG BYTE            @Z40DCKM 00720000
                          00080  1131+TSBXASCI EQU   X'80'            ASCII CODE SPECIFIED ON BIND    @Z40DCKM 00730000
                          00040  1132+TSBXACTV EQU   X'40'            TERMINAL CONTROL IN ADDRESS SPACE       00740000
                          00020  1133+TSBXLOGF EQU   X'20'            VTAM LOGOFF RECURSION           @Z40DCKM 00750000
                          00010  1134+TSBXWREC EQU   X'10'            WAITING FOR RECONNECT           @Z40DCKM 00760000
                          00008  1135+TSBXDOWN EQU   X'08'            SESSION SHUTDOWN IF PROGRESS    @ZA36205 00770000
                                 1136+*        BITS  5 - 7           RESERVED                        @ZA36205 00780000
000021                           1137+         DS    CL3             RESERVED                        @Z40DCKM 00790000
000024                           1138+TSBXTVWA DS    F               POINTER TO TSO/VTAM WORK AREA(TVWA)     00800000
                                 1139+*                                                                @Z40DCKM 00810000
000028                           1140+TSBXTIM  DS    F               CURRENT 'TIM' POINTER           @Z40DCKM 00820000
00002C                           1141+TSBXTOM  DS    F               CURRENT 'TOM' POINTER           @Z40DCKM 00830000
000030                           1142+         DS    F               RESERVED                        @Z40DCKM 00840000
000034                           1143+TSBXSRBI DS    F               POINTER TO THE TIM SRB          @Z40DCKM 00850000
000038                           1144+TSBXSRB  DS    F               POINTER TO THE TOM SRB          @Z40DCKM 00860000
00003C                           1145+TSBXCSAP DS    F               POINTER TO CSA AREA FOR ASID TPUTS       00870000
                                 1146+*                                                                @Z40DCKM 00880000
000040                           1147+TSBXLBUF DS    F               POINTER TO THE LOGON BUFFER     @Z40DCKM 00890000
000044                           1148+TSBXRSZI DS    AL1             INPUT RU SIZE                   @G58AK3A 00900000
000045                           1149+TSBXRSZO DS    AL1             OUTPUT RU SIZE                  @G58AK3A 00910000
000046                           1150+TSBXAIND DS    H               TSO/VTAM USER APPL INDEX        @Z40DCKM 00920000
000048                           1151+TSBXTERM DS    0CL4            TERMINAL CHARACTERISTICS        @Z40DCKM 00930000
000048                           1152+TSBXTMTP DS    X               TERMINAL TYPE                   @Z40DCKM 00940000
                                 1153+*                              1 = 3270                        @G58AK3A 00950000
                                 1154+*                              2 = 3767/3770                   @G58AK3A 00960000
                                 1155+*                              3 = USER DEFINED                @G58AK3A 00970000
                                 1156+*                              4 = NDS REL 2                   @G58AK3A 00980000
000049                           1157+         DS    X               RESERVED                        @Z40DCKM 00990000
00004A                           1158+TSBXTMBF DS    H               TERMINAL BUFFER SIZE            @Z40DCKM 01000000
                                 1159+*                                                                @Z40DCKM 01010000
                                 1160+*            END OF TERMINAL CHARACTERISTICS                     @Z40DCKM 01020000
                                 1161+*                                                                @Z40DCKM 01030000
00004C                           1162+TSBXRPL  DS    F               POINTER TO RPL IN TCAS A.S.     @Z40DCKM 01040000
000050                           1163+TSBXBIND DS    CL36            TERMINAL BIND IMAGE             @ZM20432 01050000
000074                           1164+         DS    F               RESERVED                        @G58SKSR 01060000
000078                           1165+TSBXEND  DS    0D              END OF TSBX FORCED TO DOUBLE WORD       01070000
                                 1166+*                              BOUNDARY                        @Z40DCKM 01080000
                                 1167+*                                                                @Z40DCKM 01090000
                                 1168+*    ************************************************************* 01100000
                                 1169+*  0 *           TSBXFWD             *              TSBXBCK          * 01110000
                                 1170+*    ************************************************************* 01120000
                                 1171+*  8 *           TSBXECB             *              RESERVED         * 01130000
                                 1172+*    ************************************************************* 01140000
                                 1173+* 16 *                               RESERVED                       * 01150000
                                 1174+*    ************************************************************* 01160000
                                 1175+* 24 *                               TSBXUID                        * 01170000
```

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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                                  1176+*    ************************************************************** 01180000
                                  1177+* 32 *TSBXFLG1* RSVD * RESERVED      *                TSBXTVWA          * 01190000
                                  1178+*    ************************************************************** 01200000
                                  1179+* 40 *            TSBXTIM           *                TSBXTOM           * 01210000
                                  1180+*    ************************************************************** 01220000
                                  1181+* 48 *                              *                TSBXSRBI          * 01230000
                                  1182+*    *            RESERVED          *                                  * 01240000
                                  1183+*    ************************************************************** 01250000
                                  1184+* 56 *            TSBXSRB           *                TSBXCSAP          * 01260000
                                  1185+*    ************************************************************** 01270000
                                  1186+* 64 *            TSBXLBUF          *TSBXRSZI*TSBXRSZO*   TSBXAIND   * 01280000
                                  1187+*    ************************************************************** 01290000
                                  1188+* 72 *TSBXTMTP* RSVD *    TSBXTMBF   *                TSBXRPL           * 01300000
                                  1189+*    ************************************************************** 01310000
                                  1190+* 80 *                                                               * 01320000
                                  1191+*    *                                                               * 01330000
                                  1192+* 88 *                          TSBXBIND                             * 01340000
                                  1193+*    *                                                               * 01350000
                                  1194+* 90 *                                                               * 01360000
                                  1195+*    *                                                               * 01370000
                                  1196+* 98 *                                                               * 01380000
                                  1197+*    *                                  ********************************* 01390000
                                  1198+* A0 *                                  *            RESERVED           * 01400000
                                  1199+*    ************************************************************** 01410000
                                  1200+*                                                          @Z40DCKM 01420000
```

```
                                  1202          IHAASCB DSECT=YES
                                  1203+*%ASCBL1 : ;                                                        00152002
                                  1204+*                                                                   00154002
                                  1205+*/* ************************************************************** */ 00156002
                                  1206+*/*                                                                 */ 00158002
                                  1207+*/*            ADDRESS SPACE CONTROL BLOCK                          */ 00158402
                                  1208+*/*                                                                 */ 00158802
                                  1209+*/*  OS/VS2 SU64, 05/12/78, LEVEL=3                                 */ 00158964
                                  1210+*/*                                                                 */ 00159602
                                  1211+*/*  METHOD OF ACCESS                                               */ 00159702
                                  1212+*/*      BAL  - DSECT IS PRODUCED UNLESS DSECT=NO IS SPECIFIED.      */ 00159802
                                  1213+*/*             USING ON ASCB GIVES ADDRESSABILITY FOR ALL SYMBOLS.  */ 00159902
                                  1214+*/*      PL/S - DCL ASCBPTR PTR                                      */ 00173202
                                  1215+*/*                                                                 */ 00183202
                                  1216+*/* ************************************************************** */ 00185202
                                  1217+*%GOTO ASCBL2;  /*                                                  00185602

000000                            1219+ASCB     DSECT                                                      00200002
000000                            1220+ASCBEGIN DS    0D -              BEGINNING OF ASCB                  00250002
000000                            1221+ASCBASCB DS    CL4 -             ACRONYM IN EBCDIC -ASCB-           00300002
000004                            1222+ASCBFWDP DS    A -               ADDRESS OF NEXT ASCB ON ASCB READY 00350002
                                  1223+*                                QUEUE                              00400002
000008                            1224+ASCBBWDP DS    A -               ADDRESS OF PREVIOUS ASCB ON ASCB   00450002
                                  1225+*                                READY QUEUE                        00500002
00000C                            1226+ASCBCMSF DS    A -               ADDRESS OF NEXT ASCB ON CMS SUSPEND 00550040
                                  1227+*                                QUEUE  (MDC304)           @Z40FP9A 00560040
000010                            1228+ASCBSUPC DS    0D -              SUPERVISOR CELL FIELD              00570040
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                                   1229+*                          (MDC309)                    @Z40FP9A 00580040
000010                             1230+ASCBSVRB DS    A -         SVRB POOL ADDRESS  (MDC310) @Z40FP9A 00650040
000014                             1231+ASCBSYNC DS    F -         COUNT USED TO SYNCHRONIZE SVRB POOL  00670040
                                   1232+*                          (MDC311)                    @Z40FP9A 00690040
000018                             1233+ASCBIOSP DS    A -         POINTER TO IOS PURGE INTERFACE       00710040
                                   1234+*                          CONTROL BLOCK (IPIB)                 00770040
                                   1235+*                          (MDC308)                    @Z40FP9A 00790040
00001C                             1236+ASCBSPL  DS    A -         POINTER TO SPL                       00850002
000020                             1237+ASCBCPUS DS    F -         NUMBER OF CPU'S ACTIVE IN THIS       00900002
                                   1238+*                          MEMORY                 MDC007        00950002
000024                             1239+ASCBASID DS    H -         ADDRESS SPACE IDENTIFIER FOR THE     01050002
                                   1240+*                          ASCB                                 01100002
000026                             1241+ASCBSEQN DS    H -         SEQUENCE NUMBER THAT REPRESENTS THE  01150002
                                   1242+*                          ASCB'S POSITION ON THE DISPATCHING   01200002
                                   1243+*                          QUEUE                                01250002
000028                             1244+ASCBIOSM DS    H -         I/O SERVICE MEASURE                  01300002
00002A                             1245+ASCBRV07 DS    FL1 -       RESERVED                MDC017       01350002
00002B                             1246+ASCBDP   DS    FL1 -       DISPATCHING PRIORITY RANGE FROM      01450002
                                   1247+*                          0-255                                01500002
00002C                             1248+ASCBSTOR DS    A -         TABLE LENGTH AND REAL ADDRESS OF     01550002
                                   1249+*                          SEGMENT TABLE IN THE SAME FORMAT AS  01600002
                                   1250+*                          CONTROL REGISTER ONE    MDC027       01610002
000030                             1251+ASCBLDA  DS    A -         POINTER TO LOCAL DATA AREA PART OF   01650002
                                   1252+*                          LSQA FOR VSM                         01700002
000034                             1253+ASCBRSM  DS    0A -        ADDRESS OF RSM'S CONTROL BLOCK       01720040
                                   1254+*                          HEADER                      @ZA17355 01730040
000034                             1255+ASCBRSMF DS    B -         RSM ADDRESS SPACE FLAGS              01800040
                                   1256+*                          (MDC368)                    @ZA17355 01801040
                        00080      1257+ASCB2LPU EQU   X'80' -     SECOND LEVEL PREFERRED USER          01806040
                                   1258+*                          (MDC369)                    @ZA17355 01807040
                        00040      1259+ASCB1LPU EQU   X'40' -     FIRST LEVEL PREFERRED USER           01812040
                                   1260+*                          (MDC370)                    @ZA17355 01813040
                        00020      1261+ASCBN2LP EQU   X'20' -     SRM IN SYSEVENT TRANSWAP SHOULD NOT  01815040
                                   1262+*                          SET ASCB2LPU BIT - HOWEVER IT MAY    01818040
                                   1263+*                          ALREADY BE ON AND WILL STAY ON       01818340
                                   1264+*                          (MDC371)                    @ZA17355 01819040
                        00010      1265+ASCBVEQR EQU   X'10' -     V=R ADDRESS SPACE  (MDC372) @ZA17355 01821040
                        00008      1266+ASCBRV51 EQU   X'08',,C'X' - RESERVED                   @ZA17355 01824040
                        00004      1267+ASCBRV52 EQU   X'04',,C'X' - RESERVED                   @ZA17355 01827040
                        00002      1268+ASCBRV53 EQU   X'02',,C'X' - RESERVED                   @ZA17355 01830040
                        00001      1269+ASCBRV54 EQU   X'01',,C'X' - RESERVED                   @ZA17355 01833040
000035                             1270+ASCBRSMA DS    AL3 -       ADDRESS OF RSM'S CONTROL BLOCK       01839040
                                   1271+*                          HEADER  (MDC373)            @ZA17355 01840040
000038                             1272+ASCBCSCB DS    A -         ADDRESS OF CSCB                      01850002
00003C                             1273+ASCBTSB  DS    A -         ADDRESS OF TSB                       01900002
000040                             1274+ASCBEJST DS    D -         ELAPSED JOB STEP TIMING  UNSIGNED    01950002
                                   1275+*                          64 BIT BINARY NUMBER                 02000002
000048                             1276+ASCBEWST DS    D -         TIME OF DAY WHENEVER I-STREAM IS     02050002
                                   1277+*                          SWITCHED FROM A MEMORY               02100002
000050                             1278+ASCBJSTL DS    F -         CPU TIME LIMIT FOR THE JOB STEP      02150002
                                   1279+*                          UNSIGNED 32 BIT BINARY NUMBER        02200002
000054                             1280+ASCBECB  DS    F -         RCT'S WORK ECB                       02250002
000058                             1281+ASCBUBET DS    F -         TIME STAMP WHEN USER BECOMES READY   02300002
00005C                             1282+ASCBRV44 DS    F -         RESERVED  (MDC318)          @Z40FP9A 02350040
000060                             1283+ASCBDUMP DS    A -         SVC DUMP'S ECB POINTER               02400002
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

000064                          1284+ASCBFW1  DS    0F -              FULL-WORD LABEL TO BE USED FOR       02410002
                                1285+*                                COMPARE AND SWAP FOR ANY BIT IN      02420002
                                1286+*                                THIS WORD                      MDC026 02430002
000064                          1287+ASCBAFFN DS    H -               CPU AFFINITY INDICATOR               02450002
000066                          1288+ASCBRCTF DS    B -               FLAGS FOR RCT                        02500002
                         00080  1289+ASCBTMNO EQU   X'80' -            MEMORY IS BEING QUIESCED, IS         02550002
                                1290+*                                QUIESCED, OR IS BEING RESTORED       02600002
                         00040  1291+ASCBFRS  EQU   X'40' -            RESTORE REQUEST                      02650002
                         00020  1292+ASCBFQU  EQU   X'20' -            QUIESCE REQUEST                      02700002
                         00010  1293+ASCBRV08 EQU   X'10',,C'X' -      RESERVED  (MDC031)             YM2236 02750002
                         00008  1294+ASCBWAIT EQU   X'08' -            LONG WAIT INDICATOR                  02800002
                         00004  1295+ASCBOUT  EQU   X'04' -            ADDRESS SPACE CONSIDERED SWAPPED OUT 02850002
                         00002  1296+ASCBTMLW EQU   X'02' -            MEMORY IS IN A LONG WAIT             02900002
                         00001  1297+ASCBRF01 EQU   X'01',,C'X' -      RESERVED                             02950002
000067                          1298+ASCBFLG1 DS    B -               FLAG FIELD                           03000002
                         00080  1299+ASCBTOFF EQU   X'80' -            MEMORY SHOULD NOT BE CHECKED FOR JOB 03050002
                                1300+*                                STEP TIMING                          03100002
                         00040  1301+ASCBCMSH EQU   X'40' -            CMS LOCK HELD                        03150002
                         00020  1302+ASCBS3S  EQU   X'20' -            STAGE II EXIT EFFECTOR HAS SCHEDULED 03200002
                                1303+*                                A RQE OR IQE AND STAGE III EXIT      03250002
                                1304+*                                EFFECTOR SHOULD BE INVOKED           03300002
                         00010  1305+ASCBTERM EQU   X'10' -            ADDRESS SPACE TERMINATING NORMALLY   03350002
                         00008  1306+ASCBABNT EQU   X'08' -            ADDRESS SPACE TERMINATING ABNORMALLY 03400002
                         00004  1307+ASCBSTND EQU   X'04' -            TCB'S NON-DISPATCHABLE               03450002
                         00002  1308+ASCBTYP1 EQU   X'02' -            TYPE 1 SVC HAS CONTROL               03500002
                         00001  1309+ASCBNSWP EQU   X'01' -            PROGRAM IS NON SWAPPABLE OR WILL     03550002
                                1310+*                                RUN IN V=R REGION                    03600002
000068                          1311+ASCBTMCH DS    F -               TERMINATION QUEUE CHAIN              03650002
00006C                          1312+ASCBASXB DS    A -               POINTER TO ADDRESS SPACE EXTENSION   03700002
                                1313+*                                CONTROL BLOCK (ASXB)                 03750002
000070                          1314+ASCBSWCT DS    H -               NUMBER OF TIMES MEMORY ENTERS SHORT  03800002
                                1315+*                                WAIT                                 03850002
000072                          1316+ASCBDSP1 DS    B -               NON-DISPATCHABILITY FLAGS            03900002
                         00080  1317+ASCBNOQ  EQU   X'80' -            ASCB NOT ON ASCB DISPATCHING QUEUE   03950002
                         00040  1318+ASCBFAIL EQU   X'40' -            A FAILURE HAS OCCURRED WITHIN THE    04000002
                                1319+*                                ADDRESS SPACE. THE MEMORY IS NON-    04050002
                                1320+*                                DISPATCHABLE                         04100002
                         00020  1321+ASCBRF02 EQU   X'20',,C'X' -      RESERVED                       MDC013 04110002
                         00010  1322+ASCBRF03 EQU   X'10',,C'X' -      RESERVED                       MDC014 04120002
                         00008  1323+ASCBRF04 EQU   X'08',,C'X' -      RESERVED                              04130002
                         00004  1324+ASCBRF05 EQU   X'04',,C'X' -      RESERVED                              04140002
                         00002  1325+ASCBRF06 EQU   X'02',,C'X' -      RESERVED                              04142002
                         00001  1326+ASCBRF07 EQU   X'01',,C'X' -      RESERVED                              04144002
000073                          1327+ASCBFLG2 DS    B -               FLAG BYTE                      MDC015 04194002
                         00080  1328+ASCBXMPT EQU   X'80' -            ASCB EXEMPT FROM SYSTEM               04198002
                                1329+*                                NON-DISPATCHABLE               MDC013 04198402
                         00040  1330+ASCBPXMT EQU   X'40' -            ASCB PERMANENTLY EXEMPT FROM SYSTEM  04198802
                                1331+*                                NON-DISPATCHABLE               MDC014 04199202
                         00020  1332+ASCBCEXT EQU   X'20' -            CANCEL TIMER EXTENSION BECAUSE EOT   04199602
                                1333+*                                PROCESSING IS STARTED FOR THE JOB    04199702
                                1334+*                                STEP TCB                       MDC021 04203902
                         00010  1335+ASCBS2S  EQU   X'10' -            FOR LOCK MANAGER, ENTRY MADE TO      04205902
                                1336+*                                STAGE II EXIT EFFECTOR WITHOUT       04207902
                                1337+*                                CORRESPONDING ENTRY TO STAGE III     04208002
                                1338+*                                EXIT EFFECTOR                  MDC020 04208102
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                            00008  1339+ASCBSNQS EQU   X'08' -            STATUS STOP NON-QUIESCEABLE LEVEL    04210102
                                   1340+*                                 SRB'S                          MDC028 04212102
                            00004  1341+ASCBRV04 EQU   X'04',,C'X' -       RESERVED                             04212402
                            00002  1342+ASCBRV05 EQU   X'02',,C'X' -       RESERVED                             04214464
                            00001  1343+ASCBRV06 EQU   X'01',,C'X' -       RESERVED                             04220464
000074                             1344+ASCBSSRB DS    H -                COUNT OF STATUS STOP SRB'S           04233302
000076                             1345+ASCBSRBS DS    H -                COUNT OF SRB'S DISPATCHED IN THIS    04250002
                                   1346+*                                 MEMORY                               04300002
000078                             1347+ASCBVSC  DS    H -                ALLOCATED AUXILIARY SLOT COUNT       04350002
                                   1348+*                                 (VAM)                          MDC004 04400002
00007A                             1349+ASCBNVSC DS    H -                ALLOCATED AUXILIARY SLOT COUNT       04450002
                                   1350+*                                 (NON-VAM)                      MDC005 04460002
00007C                             1351+ASCBTCBS DS    F -                NUMBER OF READY TCB'S IN THIS        04470002
                                   1352+*                                 MEMORY                         MDC006 04480002
000080                             1353+ASCBLKGP DS    0D -               LOCK GROUP  (MDC306)         @Z40FP9A 04500040
000080                             1354+ASCBLOCK DS    F -                LOCAL LOCK  (MDC305)         @Z40FP9A 04540040
000084                             1355+ASCBLSQH DS    A -                LOCAL LOCK SUSPEND QUEUE HEADER      04580040
                                   1356+*                                 (MDC307)                     @Z40FP9A 04620040
000088                             1357+ASCBQECB DS    F -                QUIESCE ECB                          04700002
00008C                             1358+ASCBMECB DS    F -                MEMORY CREATE/DELETE ECB             04750002
000090                             1359+ASCBOUCB DS    A -                SYSTEM RESOURCES MANAGER (SRM) USER  04760002
                                   1360+*                                 CONTROL BLOCK POINTER                04770002
000094                             1361+ASCBOUXB DS    A -                SYSTEM RESOURCES MANAGER (SRM) USER  04780002
                                   1362+*                                 EXTENSION BLOCK POINTER              04790002
000098                             1363+ASCBFMCT DS    H -                ALLOCATED PAGE FRAME COUNT           04792002
00009A                             1364+ASCBRS01 DS    H -                RESERVED FOR FUTURE USE              04794002
00009C                             1365+ASCBXMPQ DS    A -                POINTER TO XMPOST SRB QUEUE   MDC023 04796002
0000A0                             1366+ASCBIQEA DS    A -                POINTER TO IQE FOR ATCAM             04800002
                                   1367+*                                 ASYNCHRONOUS PROCESSING       MDC010 04810002
0000A4                             1368+ASCBRTWA DS    A -                POINTER TO LAST RTM2 WORK AREA       04860002
                                   1369+*                                 ACQUIRED FROM SQA             MDC011 04870002
0000A8                             1370+ASCBMCC  DS    CL4 -              USED TO HOLD A MEMORY TERMINATION    04900002
                                   1371+*                                 COMPLETION CODE ON ABNORMAL MEMORY   04910002
                                   1372+*                                 TERMINATION                   MDC012 04920002
0000AC                             1373+ASCBJBNI DS    A -                POINTER TO JOBNAME FIELD FOR         04930002
                                   1374+*                                 INITIATED PROGRAMS OR ZERO    MDC018 04940002
0000B0                             1375+ASCBJBNS DS    A -                POINTER TO JOBNAME FIELD FOR         04950002
                                   1376+*                                 START/MOUNT/LOGON OR ZERO     MDC019 04960002
0000B4                             1377+ASCBSRQ  DS    0F -               DISPATCHER SERIALIZATION QUEUE       05010040
                                   1378+*                                 (MDC312)                     @Z40FP9A 05012040
0000B4                             1379+ASCBSRQ1 DS    B -                FIRST BYTE OF ASCBSRQ                05014040
                                   1380+*                                 (MDC313)                     @Z40FP9A 05016040
                            00080  1381+ASCBSTA  EQU   X'80' -            STATUS ACTIVE  (MDC314)      @Z40FP9A 05018040
                            00040  1382+ASCBRV13 EQU   X'40',,C'X' -       RESERVED                     @Z40FP9A 05020040
                            00020  1383+ASCBRV14 EQU   X'20',,C'X' -       RESERVED                     @Z40FP9A 05022040
                            00010  1384+ASCBRV15 EQU   X'10',,C'X' -       RESERVED                     @Z40FP9A 05024040
                            00008  1385+ASCBRV16 EQU   X'08',,C'X' -       RESERVED                     @Z40FP9A 05026040
                            00004  1386+ASCBRV17 EQU   X'04',,C'X' -       RESERVED                     @Z40FP9A 05028040
                            00002  1387+ASCBRV18 EQU   X'02',,C'X' -       RESERVED                     @Z40FP9A 05030040
                            00001  1388+ASCBRV19 EQU   X'01',,C'X' -       RESERVED                     @Z40FP9A 05032040
0000B5                             1389+ASCBSRQ2 DS    B -                SECOND BYTE OF ASCBSRQ               05034040
                                   1390+*                                 (MDC315)                     @Z40FP9A 05036040
                            00080  1391+ASCBRV20 EQU   X'80',,C'X' -       RESERVED                     @Z40FP9A 05038040
                            00040  1392+ASCBRV21 EQU   X'40',,C'X' -       RESERVED                     @Z40FP9A 05040040
                            00020  1393+ASCBRV22 EQU   X'20',,C'X' -       RESERVED                     @Z40FP9A 05042040
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                            00010  1394+ASCBRV23 EQU   X'10',,C'X' -       RESERVED                    @Z40FP9A 05044040
                            00008  1395+ASCBRV24 EQU   X'08',,C'X' -       RESERVED                    @Z40FP9A 05046040
                            00004  1396+ASCBRV25 EQU   X'04',,C'X' -       RESERVED                    @Z40FP9A 05048040
                            00002  1397+ASCBRV26 EQU   X'02',,C'X' -       RESERVED                    @Z40FP9A 05050040
                            00001  1398+ASCBRV27 EQU   X'01',,C'X' -       RESERVED                    @Z40FP9A 05052040
0000B6                             1399+ASCBSRQ3 DS    B -                 THIRD BYTE OF ASCBSRQ                05054040
                                   1400+*                                  (MDC316)                    @Z40FP9A 05056040
                            00080  1401+ASCBRV28 EQU   X'80',,C'X' -       RESERVED                    @Z40FP9A 05058040
                            00040  1402+ASCBRV29 EQU   X'40',,C'X' -       RESERVED                    @Z40FP9A 05060040
                            00020  1403+ASCBRV30 EQU   X'20',,C'X' -       RESERVED                    @Z40FP9A 05062040
                            00010  1404+ASCBRV31 EQU   X'10',,C'X' -       RESERVED                    @Z40FP9A 05064040
                            00008  1405+ASCBRV32 EQU   X'08',,C'X' -       RESERVED                    @Z40FP9A 05066040
                            00004  1406+ASCBRV33 EQU   X'04',,C'X' -       RESERVED                    @Z40FP9A 05068040
                            00002  1407+ASCBRV34 EQU   X'02',,C'X' -       RESERVED                    @Z40FP9A 05070040
                            00001  1408+ASCBRV35 EQU   X'01',,C'X' -       RESERVED                    @Z40FP9A 05072040
0000B7                             1409+ASCBSRQ4 DS    B -                 FOURTH BYTE OF ASCBSRQ               05074040
                                   1410+*                                  (MDC317)                    @Z40FP9A 05076040
                            00080  1411+ASCBRV36 EQU   X'80',,C'X' -       RESERVED                    @Z40FP9A 05078040
                            00040  1412+ASCBRV37 EQU   X'40',,C'X' -       RESERVED                    @Z40FP9A 05080040
                            00020  1413+ASCBRV38 EQU   X'20',,C'X' -       RESERVED                    @Z40FP9A 05082040
                            00010  1414+ASCBRV39 EQU   X'10',,C'X' -       RESERVED                    @Z40FP9A 05084040
                            00008  1415+ASCBRV40 EQU   X'08',,C'X' -       RESERVED                    @Z40FP9A 05086040
                            00004  1416+ASCBRV41 EQU   X'04',,C'X' -       RESERVED                    @Z40FP9A 05088040
                            00002  1417+ASCBRV42 EQU   X'02',,C'X' -       RESERVED                    @Z40FP9A 05090040
                            00001  1418+ASCBRV43 EQU   X'01',,C'X' -       RESERVED                    @Z40FP9A 05092040
0000B8                             1419+ASCBVGTT DS    A -                 ADDRESS OF VSAM GLOBAL TERMINATION   05110002
                                   1420+*                                  TABLE (VGTT)                MDC024 05160002
0000BC                             1421+ASCBPCTT DS    A -                 ADDRESS OF PRIVATE CATALOG           05210002
                                   1422+*                                  TERMINATION TABLE (PCTT)    MDC025 05220002
0000C0                             1423+ASCBRS12 DS    H -                 RESERVED FOR FUTURE USE              05250002
0000C2                             1424+ASCBSMCT DS    FL1 -               NUMBER OF OUTSTANDING STEP MUST      05300002
                                   1425+*                                  COMPLETE REQUESTS IN ADDRESS         05310002
                                   1426+*                                  SPACE                       MDC016 05320002
0000C3                             1427+ASCBSRBM DS    B -                 MODEL PSW BYTE 0 USED BY SRB         05330064
                                   1428+*                                  DISPATCHER  (MDC379)        @G64RP9A 05350064
                            00040  1429+ASCBPER  EQU   X'40' -              PER BIT IN ASCBSRBM - ALSO USED TO   05360064
                                   1430+*                                  SHOW PER STATUS FOR THE ADDRESS      05370064
                                   1431+*                                  SPACE  (MDC380)             @G64RP9A 05380064
0000C4                             1432+ASCBSWTL DS    F -                 STEP WAIT TIME LIMIT          MDC029 05400002
0000C8                             1433+ASCBSRBT DS    D -                 ACCUMULATED SRB TIME          MDC030 05410002
0000D0                             1434+ASCBEND  DS    0D -                END OF ASCB                          05450002
                                   1435          CVT DSECT=YES
                                   1436+*%CVTL1 : ;                                                         00451001
                                   1437+*/*                                                                 */ 00500001
                                   1438+*/*      COMMUNICATION VECTOR TABLE                                 */ 00700001
                                   1439+*/*                                                                 */ 00800001
                                   1440+*/*      OS/VS2 SU64, 04/24/80, LEVEL=6                             */ 00802003
                                   1441+*/*                                                                 */ 01000001
                                   1442+*/*  METHOD OF ACCESS                                               */ 01001001
                                   1443+*/*      PL/S - DCL CVTPTR PTR                                      */ 01002001
                                   1444+*/*      BAL  - DSECT=YES SHOULD BE SPECIFIED ON MACRO CALL EXCEPT   */ 01003001
                                   1445+*/*             WHEN CALLED DURING SYSGEN TO CREATE CSECT.  CVT FOR  */ 01004001
                                   1446+*/*             OS/VS2 IS MAPPED UNLESS SYS=AOS1 IS SPECIFIED.  THE  */ 01005002
                                   1447+*/*             PREFIX IS NOT MAPPED UNLESS PREFIX=YES IS SPECIFIED. */ 01006001
                                   1448+*/*             A USING ON CVTMAP OR DSECT NAME WILL ESTABLISH       */ 01007001
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 15.37 01/29/22

                                  1449+*/*            ADDRESSABILITY FOR ALL SYMBOLS EXCEPT IN THE 2       */ 01008001
                                  1450+*/*            EXTENSIONS.  TO ESTABLISH ADDRESSABILITY FOR THE     */ 01009001
                                  1451+*/*            OS - OS/VS COMMON EXTENSION, YOU SHOULD CODE         */ 01010002
                                  1452+*/*                                                                 */ 01011001
                                  1453+*/*            L     REG,CVTEXT1                                    */ 01012001
                                  1454+*/*            USING CVTXTNT1,REG                                   */ 01013001
                                  1455+*/*                                                                 */ 01014001
                                  1456+*/*            TO ESTABLISH ADDRESSABILITY FOR THE OS/VS1 - OS/VS2   */ 01015002
                                  1457+*/*            COMMON EXTENSION, YOU SHOULD CODE                    */ 01016001
                                  1458+*/*                                                                 */ 01017001
                                  1459+*/*            L     REG,CVTEXT2                                    */ 01018001
                                  1460+*/*            USING CVTXTNT2,REG                                   */ 01019001
                                  1461+*/*                                                                 */ 01020001
                                  1462+*/*            WHERE REG IN EITHER CASE IS ANY REGISTER OTHER       */ 01021001
                                  1463+*/*            THAN ZERO.                                           */ 01022001
                                  1464+*/*                                                                 */ 01023001
                                  1465+*/*            WHEN LISTING IS SUPPRESSED, YOU CAN DETERMINE WHICH  */ 01024001
                                  1466+*/*            DSECT A SYMBOL IS IN BY USING THE STATEMENT NUMBER   */ 01025001
                                  1467+*/*            IN THE DEFN COLUMN IN THE CROSS REFERENCE LISTING.   */ 01026001
                                  1468+*/*            FOR EXAMPLE, ANY SYMBOL DEFINED BETWEEN THE          */ 01027001
                                  1469+*/*            STATEMENT NUMBERS FOR CVTXTNT1 AND CVTXTNT2 IS IN    */ 01028001
                                  1470+*/*            THE OS - OS/VS COMMON EXTENSION.                     */ 01029002
                                  1471+*/*                                                                 */ 01030001
                                  1472+*/*  F.E.'S                                                         */ 01031001
                                  1473+*/*      MICROFICHE LISTING - CVT                                   */ 01032001
                                  1474+*/*                                                                 */ 01033001
                                  1475+*/*  DEVELOPERS                                                     */ 01034001
                                  1476+*/*      BAL LISTING  - SPECIFY LIST=YES ON MACRO CALL               */ 01035001
                                  1477+*/*      PL/S LISTING - SPECIFY %IHALIST='YES' BEFORE INCLUDE        */ 01035401
                                  1478+*/*                                                                 */ 01037001
                                  1479+*/*      FOR INTEGRATION, A LISTING MUST NOT BE REQUESTED UNLESS     */ 01038001
                                  1480+*/*      YOUR MODULE CREATES THE CSECT.                             */ 01039001
                                  1481+*                                                                     01040001
                                  1482+*%GOTO CVTL2;   /*                                                   01041001
                                  1483+         PUSH  PRINT                                                  03102001
                                  1484+         PRINT OFF                                                    03150001
                                  2434+         POP   PRINT                                                  36932302
000000                            2435          END   IKJEFF53
```

SYMBOL	LEN	VALUE	DEFN	REFERENCES
ASCB	00001	00000000	01219	00452
ASCBASCB	00004	00000000	01221	00455
ASCBASID	00002	00000024	01239	00497
ASCBJBNS	00004	000000B0	01375	00489
ASCBNEXT	00002	000001D4	00444	00454 00456 00460 00510
ASCBTSB	00004	0000003C	01273	00457
ASCBWORD	00004	000003AD	00625	00455
ASVTENTY	00001	00000210	00649	00419
ASVTMAXU	00001	00000204	00650	00417
BADJOBN	00002	00000134	00350	00274 00283 00289 00325 00335
BLANK	00001	00000040	00587	00361
CHAR	00008	00000060	00600	00499 00500 00501 00523 00524 00525
CVTASVT	00004	0000022C	01959	00415
CVTBRET	00002	00000052	01547	02114
CVTMAP	00001	00000000	01490	00414
CVTPTR	00001	00000010	01485	00413
CVTXTNT1	00001	00000000	02297	01724
CVTXTNT2	00001	00000000	02306	01795
CVT4MS1	00001	00000010	01566	01573
CVT6DAT	00001	00000002	01569	01573
DATD	00001	00000000	00588	00194 00616
DISCON	00008	000003B9	00627	00479
EDITASID	00002	00000272	00496	00493
EDMSK	00008	0000037E	00621	00499 00523
ENDDATD	00001	00000088	00612	00616
ENDPROC	00002	000002EC	00562	00225 00270 00291 00321 00341 00392 00406 00409 00412 00535
EXTLIST	00004	00000048	00593	00257 00308
FREEMESS	00002	000002D4	00543	00239
GETMINFO	00004	000003C4	00628	00351 00545
GETSYM	00002	0000024E	00481	00478
GETTSBX	00002	00000238	00474	00467
HALF2	00002	00000316	00584	00371
HALF3	00002	00000318	00585	00411
HALF84	00002	00000314	00583	00363
HEADER	00021	00000369	00620	00426 00429
IECANCEL	00001	00000004	00728	00220 00254
IECODEP	00004	00000018	00726	00219 00253
IECONTIN	00001	00000000	00781	00208
IEIDLENP	00004	0000000C	00712	00272 00323
IEJOBNMP	00004	00000000	00707	00286 00338 00369 00407
IEMSG	00001	00000008	00788	00391
IEMSGP	00004	00000010	00714	00236 00355 00544 00552
IENAMELP	00004	00000004	00709	00280 00331 00365 00410
IEOUTPLP	00004	00000024	00739	00741 00743
IEOUTPUT	00001	00000008	00729	00222 00305
IEPARML	00001	00000000	00706	00205
IEREJECT	00001	0000000C	00791	00534 00553
IESTATUS	00001	00000000	00730	00224 00405
IEUSRIDP	00004	00000008	00711	00285 00337
IKJEFF53	00001	00000000	00173	00613 02435
JOBNCOMP	00006	00000308	00581	00288 00340
JOBWORD	00004	0000031A	00586	00364
LASTASCB	00002	000002A2	00521	00446
LINE	00026	00000068	00601	00448 00449 00449 00449 00502 00505 00525 00526 00527 00530 00602 00604 00606 00608
LINEADDR	00003	00000079	00607	00471 00472

SYMBOL	LEN	VALUE	DEFN	REFERENCES
LINEASID	00003	00000073	00605	00501
LINESYM	00008	00000079	00609	00479 00482
LINEUSID	00008	00000069	00603	00492 00495
MODEREST	00002	00000254	00484	00473 00480
MOVEJOBN	00006	0000030E	00582	00370
OUTPUT	00002	000000D4	00304	00255
PACK	00008	00000058	00599	00469 00470 00470 00471 00498 00500 00522 00524
PROCESS	00002	00000062	00235	00221 00223
PSCBADDR	00004	00000054	00596	00258 00267 00309 00318
PSCBATR1	00001	00000010	00597	00268 00319
PSCBCTRL	00001	00000080	00598	00268 00319
PSTART	00002	00000026	00184	00185
REJJOB	00004	00000002	00653	00364
REJMLEN	00002	00000000	00652	00363
REJMSG	00001	00000000	00651	00359 00361 00362 00362
REJSLOT	00009	00000006	00654	00389 00582
REJTEXT2	00069	00000324	00619	00389
R0	00001	00000000	00633	00186 00198 00351 00545 00564 00576
R1	00001	00000001	00634	00192 00198 00203 00267 00268 00286 00318 00319 00338 00355 00357 00365 00366 00369 00407 00408 00410 00411 00502 00506 00527 00531 00544 00566 00581 00582
R10	00001	0000000A	00643	00357 00359 00388
R11	00001	0000000B	00644	00192 00194 00200 00201 00566
R12	00001	0000000C	00645	00183 00185 00576
R13	00001	0000000D	00646	00196 00198 00200 00201 00563 00563 00574 00576
R14	00001	0000000E	00647	00277 00277 00278 00281 00287 00288 00328 00328 00329 00332 00339 00340 00367 00368 00370 00574 00577
R15	00001	0000000F	00648	00272 00273 00278 00323 00324 00329 00366 00367 00371 00372 00413 00414 00416 00572
R3	00001	00000003	00636	00421 00509 00509 00522
R4	00001	00000004	00637	00203 00205
R5	00001	00000005	00638	00208 00372 00388 00391 00417 00445 00445 00447 00534 00553 00572
R6	00001	00000006	00639	00219 00220 00222 00224 00236 00237 00237 00253 00254 00280 00281 00285 00305 00331 00332 00337 00405 00415 00417 00419 00419 00450 00450 00451 00453 00551 00551 00552 00581
R7	00001	00000007	00640	00451 00452 00511
R8	00001	00000008	00641	00457 00458 00459 00459 00468 00469 00483 00489 00490 00490 00492 00497 00498
R9	00001	00000009	00642	00475 00476 00483
SAVEAREA	00004	00000000	00590	00196
SIZDATD	00001	00000320	00615	00186 00564
STARTING	00002	0000026C	00494	00491
STATUS	00002	00000184	00404	00306
STRTWORD	00008	000003B1	00626	00495
TRT	00016	0000039A	00623	00472
TSB	00001	00000000	00802	00458
TSBEXTNT	00004	00000060	01045	00475
TSBFLG5	00001	00000019	00919	00466
TSBLINE	00002	00000052	01034	00468
TSBTRMID	00008	00000068	01051	00482
TSBVTAM	00001	00000001	00931	00466
TSBX	00001	00000000	01119	00476 01121
TSBXFLG1	00001	00000020	01130	00477
TSBXWREC	00001	00000010	01134	00477
TSOWORD	00003	000003AA	00624	00408
USERS	00020	00000386	00622	00526 00526

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```
NO STATEMENTS FLAGGED IN THIS ASSEMBLY
HIGHEST SEVERITY WAS    0
OPTIONS FOR THIS ASSEMBLY
  ALIGN, ALOGIC, BUFSIZE(STD), DECK, ESD, FLAG(0), LINECOUNT(55), LIST, NOMCALL, YFLAG, WORKSIZE(2097152)
  NOMLOGIC, NONUMBER, NOOBJECT, NORENT, RLD, NOSTMT, NOLIBMAC, NOTERMINAL, NOTEST, XREF(SHORT)
  SYSPARM()
WORK FILE BUFFER SIZE/NUMBER =19066/ 1
TOTAL RECORDS READ FROM SYSTEM INPUT        598
TOTAL RECORDS READ FROM SYSTEM LIBRARY     4917
TOTAL RECORDS PUNCHED                        21
TOTAL RECORDS PRINTED                      1667
```

```
HMA4240    HMASMP EXEC PARM = 'DATE=U'
  REJECT SELECT(SLB0001) .

HMA2270    REJECT PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD SLB0001
HMA2050    REJECT PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00


  RESETRC .
HMA2050    RESETRC PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00


  RECEIVE
          SELECT(SLB0001)
          .




----------++USERMOD (SLB0001) .

----------++VER (Z038) FMID(EBB1102) .

----------++MOD(IKJEFF53) TXLIB(UMODOBJ) .

HMA3930    SYSMOD SLB0001 SUCCESSFULLY RECEIVED
```

RECEIVE SUMMARY REPORT

SYSMOD	STATUS	TYPE
SLB0001	RECEIVED	USERMOD

```
HMA2050    RECEIVE PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00

HMA2050    HMASMP PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00
```

```
HMA4240    HMASMP EXEC PARM = 'DATE=U'
  APPLY
        SELECT(SLB0001)
        CHECK
        .


HMA2050    APPLY PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00
```

SYSMOD STATUS REPORT FOR APPLY CHECK PROCESSING

  NOTE: '-' INDICATES THE REQUISITE SYSMOD CONDITION IS NOT SATISFIED
         '*' INDICATES THE NON SATISFIED REQUISITE SYSMOD CONDITION IS BYPASSED

SYSMOD	STATUS	TYPE	FMID	REQUISITE AND SUPEDBY SYSMODS
SLB0001	APPLIED	USERMOD	EBB1102	

ELEMENT SUMMARY REPORT FOR APPLY CHECK PROCESSING

ELEM TYPE	ELEMENT NAME	ELEM STATUS	CURRENT FMID	CURRENT RMID	MAC/SRC SYSLIB	DISTSRC LIBRARY	ASSEM NAMES	LOAD MOD	---LMOD SYSLIB---	SYSMOD NAME	SYSMOD STATUS
MOD	IKJEFF53	APPLIED	EBB1102	SLB0001				IKJEFF53	LINKLIB	SLB0001	APPLIED

HMA2050   HMASMP PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00

```
 F64-LEVEL LINKAGE EDITOR OPTIONS SPECIFIED SIZE=(500K,80K),NCAL,LIST,LET,XREF,RENT,REUS,REFR
           VARIABLE OPTIONS USED -  SIZE=(481280,73728)
IEW0000     INCLUDE UMODOBJ(IKJEFF53)              SLB0001
IEW0000     NAME IKJEFF53(R)



                                                CROSS REFERENCE TABLE


  CONTROL SECTION                          ENTRY

    NAME    ORIGIN  LENGTH                   NAME   LOCATION     NAME   LOCATION     NAME   LOCATION     NAME   LOCATION
  IKJEFF53      00     3E8


 ENTRY ADDRESS       00

 TOTAL LENGTH       3E8
****IKJEFF53  NOW REPLACED IN DATA SET
AUTHORIZATION CODE IS         0.
**MODULE HAS BEEN MARKED REENTERABLE, REUSABLE, AND REFRESHABLE.
```

```
HMA4240    HMASMP EXEC PARM = 'DATE=U'
  APPLY
        SELECT(SLB0001)
        DIS(WRITE)
        .
HMA4140    SMPCDS DIRECTORY SUCCESSFULLY LOADED FOR IN-STORAGE UPDATE OPERATIONS

HMA2390    LINK SUCCESSFUL - MOD=IKJEFF53 - LMOD=IKJEFF53 - LIBRARY=LINKLIB - SYSMOD=SLB0001 - RETURN CODE=00
HMA2270    APPLY PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD SLB0001
HMA3680    SMPCDS IN STORAGE DIRECTORY SUCCESSFULLY REWRITTEN
HMA2050    APPLY PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00
```

SYSMOD STATUS REPORT FOR APPLY PROCESSING

  NOTE: '-' INDICATES THE REQUISITE SYSMOD CONDITION IS NOT SATISFIED
         '*' INDICATES THE NON SATISFIED REQUISITE SYSMOD CONDITION IS BYPASSED

SYSMOD	STATUS	TYPE	FMID	REQUISITE AND SUPEDBY SYSMODS
SLB0001	APPLIED	USERMOD	EBB1102	

ELEMENT SUMMARY REPORT FOR APPLY PROCESSING

ELEM TYPE	ELEMENT NAME	ELEM STATUS	CURRENT FMID	CURRENT RMID	MAC/SRC SYSLIB	DISTSRC LIBRARY	ASSEM NAMES	LOAD MOD	---LMOD SYSLIB---	SYSMOD NAME	SYSMOD STATUS
MOD	IKJEFF53	APPLIED	EBB1102	SLB0001				IKJEFF53	LINKLIB	SLB0001	APPLIED

HMA2050   HMASMP PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00