J E S 2 J O B L O G

```
16.32.32 JOB   14  $HASP373 DYNPROC  STARTED - INIT  1 - CLASS A - SYS HMVS
16.32.32 JOB   14  IEF403I DYNPROC - STARTED - TIME=16.32.32
16.32.32 JOB   14  CCI001C STEP1   /IEBGENER/00:00:00.01/        /00000/SMPEJOB /DYNPROC
16.32.33 JOB   14  CCI001C STEP2   /IFOX00  /00:00:00.73/        /00000/SMPEJOB /DYNPROC
16.32.33 JOB   14  CCI001C STEP3   /IEBGENER/00:00:00.01/        /00000/SMPEJOB /DYNPROC
16.32.34 JOB   14  CCI001C HMASMP  /HMASMP  /00:00:00.31/        /00012/SMPEJOB /DYNPROC
16.32.35 JOB   14  CCI001C HMASMP  /HMASMP  /00:00:01.03/        /00000/SMPEJOB /DYNPROC
16.32.38 JOB   14  CCI001C HMASMP  /HMASMP  /00:00:02.27/        /00000/SMPEJOB /DYNPROC
16.32.39 JOB   14  CCI001C HMASMP  /HMASMP  /00:00:00.99/        /00000/SMPEJOB /DYNPROC
16.32.41 JOB   14  CCI001C HMASMP  /HMASMP  /00:00:01.63/        /00000/SMPEJOB /DYNPROC
16.32.47 JOB   14  CCI001C HMASMP  /HMASMP  /00:00:04.69/        /00000/SMPEJOB /DYNPROC
16.32.49 JOB   14  CCI001C HMASMP  /HMASMP  /00:00:01.00/        /00000/SMPEJOB /DYNPROC
16.32.51 JOB   14  CCI001C HMASMP  /HMASMP  /00:00:01.70/        /00000/SMPEJOB /DYNPROC
16.32.56 JOB   14  CCI001C HMASMP  /HMASMP  /00:00:03.15/        /00004/SMPEJOB /DYNPROC
16.32.56 JOB   14  IEF404I DYNPROC - ENDED - TIME=16.32.56
16.32.56 JOB   14  $HASP395 DYNPROC  ENDED


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


 28 MAY 20 JOB EXECUTION DATE


     3,523 CARDS READ


    19,305 SYSOUT PRINT RECORDS


         0 SYSOUT PUNCH RECORDS


       0.39 MINUTES EXECUTION TIME
```

```
    1     //DYNPROC JOB  (SMPEJOB),                                          JOB   14
          //             'DYNAMIC PROCLIB',
          //             CLASS=A,
          //             MSGCLASS=X,
          //             MSGLEVEL=(1,1),
          //             REGION=5M
          ********************************************************************
          ***
          *** NAME: SYS1.DYNAMIC.PROCLIB(DYNPROCS)
          ***
          *** DESC: INSTALL DYNAMIC PROCLIB SUPPORT
          ***
          *** YOU MAY ELECT TO INSTALL MANUALLY BY FOLLOWING THE DIRECTIONS
          ***WHICH ARE INCLUDED IN THE $$$DOC MEMBER OF THIS PDS
          ***
          *** IF YOU HAVE ANY QUESTIONS PLEASE CALL:
          ***
          *** BRIAN WESTERMAN        EMAIL:  BRIAN_WESTERMAN@SYZYGYINC.COM
          *** SYZYGY INCORPORATED
          *** PHONE: (800) 767-2244  FAX:(800) 366-4082
          ********************************************************************
          ***
    2     //STEP1   EXEC PGM=IEBGENER
    3     //SYSPRINT DD  SYSOUT=*
    4     //SYSUT1   DD  DATA,DLM='><'
    5     //SYSUT2   DD  DSN=&&SMPMCS,DISP=(NEW,PASS),UNIT=SYSDA,
          //             SPACE=(CYL,(5,5)),
          //             DCB=(DSORG=PS,RECFM=FB,LRECL=80,BLKSIZE=4080)
    6     //SYSIN    DD  *
          ***
    7     //STEP2   EXEC PGM=IFOX00,PARM='OBJECT,NODECK,NOTERM,XREF(SHORT),RENT'
    8     //SYSPRINT DD  SYSOUT=*
    9     //SYSUT1   DD  UNIT=SYSDA,SPACE=(CYL,10)
   10     //SYSUT2   DD  UNIT=SYSDA,SPACE=(CYL,10)
   11     //SYSUT3   DD  UNIT=SYSDA,SPACE=(CYL,10)
   12     //SYSLIB   DD  DSN=SYS1.MACLIB,DISP=SHR
   13     //         DD  DSN=SYS1.SMPMTS,DISP=SHR
   14     //         DD  DSN=SYS1.AMODGEN,DISP=SHR
   15     //         DD  DSN=SYS1.APVTMACS,DISP=SHR
   16     //SYSGO    DD  DSN=&&SMPMCS,DISP=(MOD,PASS)
   17     //SYSIN    DD  *
   18     //STEP3   EXEC PGM=IEBGENER
   19     //SYSPRINT DD  SYSOUT=*
   20     //SYSUT1   DD  DATA,DLM='><'
   21     //SYSUT2   DD  DSN=&&SMPMCS,DISP=(MOD,PASS)
   22     //SYSIN    DD  DUMMY
          ********************************************************************
          ***
          *** DESC: RECEIVE THE DYNAMIC PROCLIB USERMODS
          ***       MAKE SURE YOU CHANGE THE DSN OF THE SMPPTFIN TO MATCH
          ***       THE DATASET NAME WHERE THE USERMODS ARE.  (USUUALLY THIS ONE)
          ***
          ********************************************************************
   23     //RECEIVE EXEC SMPREC,COND=(0,NE)
          ***
          ***  REJECT THE USERMODS JUST IN CASE THIS IS A RE-RUN
          ***  THEN RECEIVE ALL 6 USERMODS
          ***
   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
      ***************************** 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  DSN=&&SMPMCS,DISP=(OLD,DELETE)
62    //SMPCNTL  DD  *
63    //APPLY1CK  EXEC SMPAPP,WORK='SYSDA'
      ***
      ***  APPLY THE SGIEF441 AND IEFVPP UP1ATES
      ***
      *** ************************************************************* * 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
 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     //AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN
        X/AMODGEN  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
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123     XXAOSA1    DD  DISP=SHR,DSN=SYS1.AOSA1                                  00000720
124     XXAOSB0    DD  DISP=SHR,DSN=SYS1.AOSB0                                  00000730
125     //AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3
        X/AOSB3    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
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     //AGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB
168     //LPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB
169     //SMPCNTL  DD  *
170     //APPLY1    EXEC SMPAPP,COND=(0,NE,APPLY1CK.HMASMP),WORK='SYSALLDA'
        ***
        ***  APPLY THE SGIEF441 AND IEFVPP UP1ATES
        ***
        *** ************************************************************ *  00000010
        *** APPLY/RESTORE USER MOD                                       *  00000020
        *** ************************************************************ *  00000030
171     XXSMPAPP  PROC WORK=3350,              WORK UNIT                     00000040
        XX             TUNIT=3350,             TLIB UNIT                     00000050
        XX             TVOL=WORK00             TLIB VOLUME                   00000060
172     XXHMASMP  EXEC PGM=HMASMP,PARM='DATE=U',REGION=5120K,TIME=1439       00000070
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173     XXSYSUT1   DD  UNIT=&WORK,SPACE=(1700,(600,100))                    00000080
174     XXSYSUT2   DD  UNIT=&WORK,SPACE=(1700,(600,100))                    00000090
175     XXSYSUT3   DD  UNIT=&WORK,SPACE=(1700,(600,100))                    00000100
176     XXSYSUT4   DD  UNIT=&WORK,SPACE=(80,(2,2))                          00000110
177     XXSYSPRINT DD  SYSOUT=*                                             00000120
178     XXASMPRINT DD  SYSOUT=*                                             00000130
179     XXCMPPRINT DD  SYSOUT=*                                             00000140
180     XXCOPPRINT DD  SYSOUT=*                                             00000150
181     XXLKDPRINT DD  SYSOUT=*                                             00000160
182     XXE37PRINT DD  SYSOUT=*                                             00000170
183     XXUPDPRINT DD  SYSOUT=*                                             00000180
184     XXZAPPRINT DD  SYSOUT=*                                             00000190
        ***************************** SMP DATASETS **********************   00000200
185     XXSMPOUT   DD  SYSOUT=*                                             00000210
186     XXSMPLOG   DD  DUMMY                                                00000220
187     XXSMPTLIB  DD  DISP=OLD,UNIT=&TUNIT,VOL=SER=&TVOL                   00000230
188     XXSYSLIB   DD  DISP=SHR,DSN=SYS1.SMPMTS,DCB=BLKSIZE=32720           00000240
189     XX         DD  DISP=SHR,DSN=SYS1.SMPSTS                             00000250
190     XX         DD  DISP=SHR,DSN=SYS1.MACLIB                             00000260
191     XX         DD  DISP=SHR,DSN=SYS1.AMODGEN                            00000270
192     XX         DD  DISP=SHR,DSN=SYS1.AMACLIB                            00000280
193     XX         DD  DISP=SHR,DSN=SYS1.HASPSRC                            00000290
194     XX         DD  DISP=SHR,DSN=SYS1.APVTMACS                           00000300
195     XXSMPACDS  DD  DISP=SHR,DSN=SYS1.SMPACDS                            00000310
196     XXSMPACRQ  DD  DISP=SHR,DSN=SYS1.SMPACRQ                            00000320
197     XXSMPCDS   DD  DISP=SHR,DSN=SYS1.SMPCDS                             00000330
198     XXSMPCRQ   DD  DISP=SHR,DSN=SYS1.SMPCRQ                             00000340
199     XXSMPMTS   DD  DISP=SHR,DSN=SYS1.SMPMTS                             00000350
200     XXSMPPTS   DD  DISP=SHR,DSN=SYS1.SMPPTS                             00000360
201     XXSMPSTS   DD  DISP=SHR,DSN=SYS1.SMPSTS                             00000370
202     XXSMPSCDS  DD  DISP=SHR,DSN=SYS1.SMPSCDS                            00000380
203     XXSMPWRK1  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,  00000390
        XX             LRECL=80)                                            00000400
204     XXSMPWRK2  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,  00000410
        XX             LRECL=80)                                            00000420
205     XXSMPWRK3  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,  00000430
        XX             LRECL=80)                                            00000440
206     XXSMPWRK4  DD  UNIT=&WORK,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,  00000450
        XX             LRECL=80)                                            00000460
207     XXSMPWRK5  DD  UNIT=&WORK,SPACE=(CYL,(30,10,250))                   00000470
        ***************************** DLIB DATASETS *********************   00000480
        ************************** NEEDED ON RESTORE ********************   00000490
208     XXACMDLIB  DD  DISP=SHR,DSN=SYS1.ACMDLIB                            00000500
209     XXAGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB                            00000510
210     XXAHELP    DD  DISP=SHR,DSN=SYS1.AHELP                              00000520
211     XXAIMAGE   DD  DISP=SHR,DSN=SYS1.AIMAGE                             00000530
212     XXALPALIB  DD  DISP=SHR,DSN=SYS1.ALPALIB                            00000540
213     XXAMACLIB  DD  DISP=SHR,DSN=SYS1.AMACLIB                            00000550
214     //AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN
        X/AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN                            00000560
215     XXAOS00    DD  DISP=SHR,DSN=SYS1.AOS00                              00000570
216     XXAOS03    DD  DISP=SHR,DSN=SYS1.AOS03                              00000580
217     XXAOS04    DD  DISP=SHR,DSN=SYS1.AOS04                              00000590
218     XXAOS05    DD  DISP=SHR,DSN=SYS1.AOS05                              00000600
219     XXAOS06    DD  DISP=SHR,DSN=SYS1.AOS06                              00000610
220     XXAOS07    DD  DISP=SHR,DSN=SYS1.AOS07                              00000620
221     XXAOS11    DD  DISP=SHR,DSN=SYS1.AOS11                              00000630
222     XXAOS12    DD  DISP=SHR,DSN=SYS1.AOS12                              00000640
223     XXAOS20    DD  DISP=SHR,DSN=SYS1.AOS20                              00000650
224     XXAOS21    DD  DISP=SHR,DSN=SYS1.AOS21                              00000660
225     XXAOS24    DD  DISP=SHR,DSN=SYS1.AOS24                              00000670
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226     XXAOS26    DD  DISP=SHR,DSN=SYS1.AOS26                          00000680
227     XXAOS29    DD  DISP=SHR,DSN=SYS1.AOS29                          00000690
228     XXAOS32    DD  DISP=SHR,DSN=SYS1.AOS32                          00000700
229     XXAOSA0    DD  DISP=SHR,DSN=SYS1.AOSA0                          00000710
230     XXAOSA1    DD  DISP=SHR,DSN=SYS1.AOSA1                          00000720
231     XXAOSB0    DD  DISP=SHR,DSN=SYS1.AOSB0                          00000730
232     //AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3
        X/AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3                          00000740
233     XXAOSBN    DD  DISP=SHR,DSN=SYS1.AOSBN                          00000750
234     XXAOSC2    DD  DISP=SHR,DSN=SYS1.AOSC2                          00000760
235     XXAOSC5    DD  DISP=SHR,DSN=SYS1.AOSC5                          00000770
236     XXAOSC6    DD  DISP=SHR,DSN=SYS1.AOSC6                          00000780
237     XXAOSCA    DD  DISP=SHR,DSN=SYS1.AOSCA                          00000790
238     XXAOSCD    DD  DISP=SHR,DSN=SYS1.AOSCD                          00000800
239     XXAOSCE    DD  DISP=SHR,DSN=SYS1.AOSCE                          00000810
240     XXAOSD0    DD  DISP=SHR,DSN=SYS1.AOSD0                          00000820
241     XXAOSD7    DD  DISP=SHR,DSN=SYS1.AOSD7                          00000830
242     XXAOSD8    DD  DISP=SHR,DSN=SYS1.AOSD8                          00000840
243     XXAOSG0    DD  DISP=SHR,DSN=SYS1.AOSG0                          00000850
244     XXAOSH1    DD  DISP=SHR,DSN=SYS1.AOSH1                          00000860
245     XXAOSH3    DD  DISP=SHR,DSN=SYS1.AOSH3                          00000870
246     XXAOST3    DD  DISP=SHR,DSN=SYS1.AOST3                          00000880
247     XXAOST4    DD  DISP=SHR,DSN=SYS1.AOST4                          00000890
248     XXAOSU0    DD  DISP=SHR,DSN=SYS1.AOSU0                          00000900
249     XXAPARMLIB DD  DISP=SHR,DSN=SYS1.APARMLIB                       00000910
250     XXAPROCLIB DD  DISP=SHR,DSN=SYS1.APROCLIB                       00000920
251     XXASAMPLIB DD  DISP=SHR,DSN=SYS1.ASAMPLIB                       00000930
252     XXATCAMMAC DD  DISP=SHR,DSN=SYS1.ATCAMMAC                       00000940
253     XXATSOMAC  DD  DISP=SHR,DSN=SYS1.ATSOMAC                        00000950
254     XXAUADS    DD  DISP=SHR,DSN=SYS1.AUADS                          00000960
255     XXHASPSRC  DD  DISP=SHR,DSN=SYS1.HASPSRC                        00000970
        ****************************** TARGET DATASETS ******************* 00000980
        ****************************** NEEDED FOR APPLY ****************** 00000990
256     XXCMDLIB   DD  DISP=SHR,DSN=SYS1.CMDLIB                         00001000
257     XXHELP     DD  DISP=SHR,DSN=SYS1.HELP                           00001010
258     XXIMAGELIB DD  DISP=SHR,DSN=SYS1.IMAGELIB                       00001020
259     XXIMAGE    DD  DISP=SHR,DSN=SYS1.IMAGELIB                       00001030
260     XXLPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB                         00001040
261     XXLINKLIB  DD  DISP=SHR,DSN=SYS1.LINKLIB                        00001050
262     XXNUCLEUS  DD  DISP=SHR,DSN=SYS1.NUCLEUS                        00001060
263     XXMACLIB   DD  DISP=SHR,DSN=SYS1.MACLIB                         00001070
264     XXPARMLIB  DD  DISP=SHR,DSN=SYS1.PARMLIB                        00001080
265     XXPROCLIB  DD  DISP=SHR,DSN=SYS1.PROCLIB                        00001090
266     XXSAMPLIB  DD  DISP=SHR,DSN=SYS1.SAMPLIB                        00001100
267     XXSVCLIB   DD  DISP=SHR,DSN=SYS1.SVCLIB                         00001110
268     XXTCOMMAC  DD  DISP=SHR,DSN=SYS1.TCOMMAC                        00001120
269     XXTELCMLIB DD  DISP=SHR,DSN=SYS1.TELCMLIB                       00001130
270     XXUADS     DD  DISP=SHR,DSN=SYS1.UADS                           00001140
271     XXUMODLIB  DD  DISP=SHR,DSN=SYS1.UMODLIB                        00001150
272     XXUMODOBJ  DD  DISP=SHR,DSN=SYS1.UMODOBJ                        00001160
273     XXVTAMLIB  DD  DISP=SHR,DSN=SYS1.VTAMLIB                        00001170
274     //AGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB
275     //LPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB
276     //SMPCNTL  DD  *
277     //APPLY2CK EXEC SMPAPP,WORK='SYSDA'
        ***
        ***  APPLY THE DUMMY UPDATE TO FORCE A LATER RE-LINK OF IEFVH1
        ***
        *** ************************************************************ * 00000010
        *** APPLY/RESTORE USER MOD                                       * 00000020
        *** ************************************************************ * 00000030
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278      XXSMPAPP  PROC WORK=3350,              WORK UNIT                          00000040
         XX           TUNIT=3350,              TLIB UNIT                          00000050
         XX           TVOL=WORK00              TLIB VOLUME                        00000060
279      XXHMASMP  EXEC PGM=HMASMP,PARM='DATE=U',REGION=5120K,TIME=1439           00000070
280      XXSYSUT1   DD  UNIT=&WORK,SPACE=(1700,(600,100))                         00000080
281      XXSYSUT2   DD  UNIT=&WORK,SPACE=(1700,(600,100))                         00000090
282      XXSYSUT3   DD  UNIT=&WORK,SPACE=(1700,(600,100))                         00000100
283      XXSYSUT4   DD  UNIT=&WORK,SPACE=(80,(2,2))                               00000110
284      XXSYSPRINT DD  SYSOUT=*                                                  00000120
285      XXASMPRINT DD  SYSOUT=*                                                  00000130
286      XXCMPPRINT DD  SYSOUT=*                                                  00000140
287      XXCOPPRINT DD  SYSOUT=*                                                  00000150
288      XXLKDPRINT DD  SYSOUT=*                                                  00000160
289      XXE37PRINT DD  SYSOUT=*                                                  00000170
290      XXUPDPRINT DD  SYSOUT=*                                                  00000180
291      XXZAPPRINT DD  SYSOUT=*                                                  00000190
         ***************************** SMP DATASETS *********************         00000200
292      XXSMPOUT   DD  SYSOUT=*                                                  00000210
293      XXSMPLOG   DD  DUMMY                                                     00000220
294      XXSMPTLIB  DD  DISP=OLD,UNIT=&TUNIT,VOL=SER=&TVOL                        00000230
295      XXSYSLIB   DD  DISP=SHR,DSN=SYS1.SMPMTS,DCB=BLKSIZE=32720                00000240
296      XX         DD  DISP=SHR,DSN=SYS1.SMPSTS                                  00000250
297      XX         DD  DISP=SHR,DSN=SYS1.MACLIB                                  00000260
298      XX         DD  DISP=SHR,DSN=SYS1.AMODGEN                                 00000270
299      XX         DD  DISP=SHR,DSN=SYS1.AMACLIB                                 00000280
300      XX         DD  DISP=SHR,DSN=SYS1.HASPSRC                                 00000290
301      XX         DD  DISP=SHR,DSN=SYS1.APVTMACS                                00000300
302      XXSMPACDS  DD  DISP=SHR,DSN=SYS1.SMPACDS                                 00000310
303      XXSMPACRQ  DD  DISP=SHR,DSN=SYS1.SMPACRQ                                 00000320
304      XXSMPCDS   DD  DISP=SHR,DSN=SYS1.SMPCDS                                  00000330
305      XXSMPCRQ   DD  DISP=SHR,DSN=SYS1.SMPCRQ                                  00000340
306      XXSMPMTS   DD  DISP=SHR,DSN=SYS1.SMPMTS                                  00000350
307      XXSMPPTS   DD  DISP=SHR,DSN=SYS1.SMPPTS                                  00000360
308      XXSMPSTS   DD  DISP=SHR,DSN=SYS1.SMPSTS                                  00000370
309      XXSMPSCDS  DD  DISP=SHR,DSN=SYS1.SMPSCDS                                 00000380
310      XXSMPWRK1  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,       00000390
         XX             LRECL=80)                                                 00000400
311      XXSMPWRK2  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,       00000410
         XX             LRECL=80)                                                 00000420
312      XXSMPWRK3  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,       00000430
         XX             LRECL=80)                                                 00000440
313      XXSMPWRK4  DD  UNIT=&WORK,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,       00000450
         XX             LRECL=80)                                                 00000460
314      XXSMPWRK5  DD  UNIT=&WORK,SPACE=(CYL,(30,10,250))                        00000470
         ***************************** DLIB DATASETS ********************         00000480
         ***************************** NEEDED ON RESTORE ********************     00000490
315      XXACMDLIB  DD  DISP=SHR,DSN=SYS1.ACMDLIB                                 00000500
316      XXAGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB                                 00000510
317      XXAHELP    DD  DISP=SHR,DSN=SYS1.AHELP                                   00000520
318      XXAIMAGE   DD  DISP=SHR,DSN=SYS1.AIMAGE                                  00000530
319      XXALPALIB  DD  DISP=SHR,DSN=SYS1.ALPALIB                                 00000540
320      XXAMACLIB  DD  DISP=SHR,DSN=SYS1.AMACLIB                                 00000550
321      //AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN
         X/AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN                                 00000560
322      XXAOS00    DD  DISP=SHR,DSN=SYS1.AOS00                                   00000570
323      XXAOS03    DD  DISP=SHR,DSN=SYS1.AOS03                                   00000580
324      XXAOS04    DD  DISP=SHR,DSN=SYS1.AOS04                                   00000590
325      XXAOS05    DD  DISP=SHR,DSN=SYS1.AOS05                                   00000600
326      XXAOS06    DD  DISP=SHR,DSN=SYS1.AOS06                                   00000610
327      XXAOS07    DD  DISP=SHR,DSN=SYS1.AOS07                                   00000620
328      XXAOS11    DD  DISP=SHR,DSN=SYS1.AOS11                                   00000630
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 329     XXAOS12    DD  DISP=SHR,DSN=SYS1.AOS12                          00000640
 330     XXAOS20    DD  DISP=SHR,DSN=SYS1.AOS20                          00000650
 331     XXAOS21    DD  DISP=SHR,DSN=SYS1.AOS21                          00000660
 332     XXAOS24    DD  DISP=SHR,DSN=SYS1.AOS24                          00000670
 333     XXAOS26    DD  DISP=SHR,DSN=SYS1.AOS26                          00000680
 334     XXAOS29    DD  DISP=SHR,DSN=SYS1.AOS29                          00000690
 335     XXAOS32    DD  DISP=SHR,DSN=SYS1.AOS32                          00000700
 336     XXAOSA0    DD  DISP=SHR,DSN=SYS1.AOSA0                          00000710
 337     XXAOSA1    DD  DISP=SHR,DSN=SYS1.AOSA1                          00000720
 338     XXAOSB0    DD  DISP=SHR,DSN=SYS1.AOSB0                          00000730
 339     //AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3
         X/AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3                          00000740
 340     XXAOSBN    DD  DISP=SHR,DSN=SYS1.AOSBN                          00000750
 341     XXAOSC2    DD  DISP=SHR,DSN=SYS1.AOSC2                          00000760
 342     XXAOSC5    DD  DISP=SHR,DSN=SYS1.AOSC5                          00000770
 343     XXAOSC6    DD  DISP=SHR,DSN=SYS1.AOSC6                          00000780
 344     XXAOSCA    DD  DISP=SHR,DSN=SYS1.AOSCA                          00000790
 345     XXAOSCD    DD  DISP=SHR,DSN=SYS1.AOSCD                          00000800
 346     XXAOSCE    DD  DISP=SHR,DSN=SYS1.AOSCE                          00000810
 347     XXAOSD0    DD  DISP=SHR,DSN=SYS1.AOSD0                          00000820
 348     XXAOSD7    DD  DISP=SHR,DSN=SYS1.AOSD7                          00000830
 349     XXAOSD8    DD  DISP=SHR,DSN=SYS1.AOSD8                          00000840
 350     XXAOSG0    DD  DISP=SHR,DSN=SYS1.AOSG0                          00000850
 351     XXAOSH1    DD  DISP=SHR,DSN=SYS1.AOSH1                          00000860
 352     XXAOSH3    DD  DISP=SHR,DSN=SYS1.AOSH3                          00000870
 353     XXAOST3    DD  DISP=SHR,DSN=SYS1.AOST3                          00000880
 354     XXAOST4    DD  DISP=SHR,DSN=SYS1.AOST4                          00000890
 355     XXAOSU0    DD  DISP=SHR,DSN=SYS1.AOSU0                          00000900
 356     XXAPARMLIB DD  DISP=SHR,DSN=SYS1.APARMLIB                       00000910
 357     XXAPROCLIB DD  DISP=SHR,DSN=SYS1.APROCLIB                       00000920
 358     XXASAMPLIB DD  DISP=SHR,DSN=SYS1.ASAMPLIB                       00000930
 359     XXATCAMMAC DD  DISP=SHR,DSN=SYS1.ATCAMMAC                       00000940
 360     XXATSOMAC  DD  DISP=SHR,DSN=SYS1.ATSOMAC                        00000950
 361     XXAUADS    DD  DISP=SHR,DSN=SYS1.AUADS                          00000960
 362     XXHASPSRC  DD  DISP=SHR,DSN=SYS1.HASPSRC                        00000970
         ****************************** TARGET DATASETS ******************00000980
         ****************************** NEEDED FOR APPLY *****************00000990
 363     XXCMDLIB   DD  DISP=SHR,DSN=SYS1.CMDLIB                         00001000
 364     XXHELP     DD  DISP=SHR,DSN=SYS1.HELP                           00001010
 365     XXIMAGELIB DD  DISP=SHR,DSN=SYS1.IMAGELIB                       00001020
 366     XXIMAGE    DD  DISP=SHR,DSN=SYS1.IMAGELIB                       00001030
 367     XXLPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB                         00001040
 368     XXLINKLIB  DD  DISP=SHR,DSN=SYS1.LINKLIB                        00001050
 369     XXNUCLEUS  DD  DISP=SHR,DSN=SYS1.NUCLEUS                        00001060
 370     XXMACLIB   DD  DISP=SHR,DSN=SYS1.MACLIB                         00001070
 371     XXPARMLIB  DD  DISP=SHR,DSN=SYS1.PARMLIB                        00001080
 372     XXPROCLIB  DD  DISP=SHR,DSN=SYS1.PROCLIB                        00001090
 373     XXSAMPLIB  DD  DISP=SHR,DSN=SYS1.SAMPLIB                        00001100
 374     XXSVCLIB   DD  DISP=SHR,DSN=SYS1.SVCLIB                         00001110
 375     XXTCOMMAC  DD  DISP=SHR,DSN=SYS1.TCOMMAC                        00001120
 376     XXTELCMLIB DD  DISP=SHR,DSN=SYS1.TELCMLIB                       00001130
 377     XXUADS     DD  DISP=SHR,DSN=SYS1.UADS                           00001140
 378     XXUMODLIB  DD  DISP=SHR,DSN=SYS1.UMODLIB                        00001150
 379     XXUMODOBJ  DD  DISP=SHR,DSN=SYS1.UMODOBJ                        00001160
 380     XXVTAMLIB  DD  DISP=SHR,DSN=SYS1.VTAMLIB                        00001170
 381     //AGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB
 382     //LPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB
 383     //SMPCNTL  DD  *
 384     //APPLY2  EXEC SMPAPP,WORK='SYSDA',COND=(0,NE,APPLY2CK.HMASMP)
         ***
         ***  APPLY THE DUMMY UPDATE TO FORCE A LATER RE-LINK OF IEFVH1
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       ***
       *** ************************************************************* * 00000010
       *** APPLY/RESTORE USER MOD                                       * 00000020
       *** ************************************************************* * 00000030
385    XXSMPAPP  PROC WORK=3350,              WORK UNIT                    00000040
       XX             TUNIT=3350,             TLIB UNIT                    00000050
       XX             TVOL=WORK00             TLIB VOLUME                  00000060
386    XXHMASMP  EXEC PGM=HMASMP,PARM='DATE=U',REGION=5120K,TIME=1439      00000070
387    XXSYSUT1   DD  UNIT=&WORK,SPACE=(1700,(600,100))                    00000080
388    XXSYSUT2   DD  UNIT=&WORK,SPACE=(1700,(600,100))                    00000090
389    XXSYSUT3   DD  UNIT=&WORK,SPACE=(1700,(600,100))                    00000100
390    XXSYSUT4   DD  UNIT=&WORK,SPACE=(80,(2,2))                          00000110
391    XXSYSPRINT DD  SYSOUT=*                                             00000120
392    XXASMPRINT DD  SYSOUT=*                                             00000130
393    XXCMPPRINT DD  SYSOUT=*                                             00000140
394    XXCOPPRINT DD  SYSOUT=*                                             00000150
395    XXLKDPRINT DD  SYSOUT=*                                             00000160
396    XXE37PRINT DD  SYSOUT=*                                             00000170
397    XXUPDPRINT DD  SYSOUT=*                                             00000180
398    XXZAPPRINT DD  SYSOUT=*                                             00000190
       ***************************** SMP DATASETS ********************     00000200
399    XXSMPOUT   DD  SYSOUT=*                                             00000210
400    XXSMPLOG   DD  DUMMY                                                00000220
401    XXSMPTLIB  DD  DISP=OLD,UNIT=&TUNIT,VOL=SER=&TVOL                   00000230
402    XXSYSLIB   DD  DISP=SHR,DSN=SYS1.SMPMTS,DCB=BLKSIZE=32720           00000240
403    XX         DD  DISP=SHR,DSN=SYS1.SMPSTS                             00000250
404    XX         DD  DISP=SHR,DSN=SYS1.MACLIB                             00000260
405    XX         DD  DISP=SHR,DSN=SYS1.AMODGEN                            00000270
406    XX         DD  DISP=SHR,DSN=SYS1.AMACLIB                            00000280
407    XX         DD  DISP=SHR,DSN=SYS1.HASPSRC                            00000290
408    XX         DD  DISP=SHR,DSN=SYS1.APVTMACS                           00000300
409    XXSMPACDS  DD  DISP=SHR,DSN=SYS1.SMPACDS                            00000310
410    XXSMPACRQ  DD  DISP=SHR,DSN=SYS1.SMPACRQ                            00000320
411    XXSMPCDS   DD  DISP=SHR,DSN=SYS1.SMPCDS                             00000330
412    XXSMPCRQ   DD  DISP=SHR,DSN=SYS1.SMPCRQ                             00000340
413    XXSMPMTS   DD  DISP=SHR,DSN=SYS1.SMPMTS                             00000350
414    XXSMPPTS   DD  DISP=SHR,DSN=SYS1.SMPPTS                             00000360
415    XXSMPSTS   DD  DISP=SHR,DSN=SYS1.SMPSTS                             00000370
416    XXSMPSCDS  DD  DISP=SHR,DSN=SYS1.SMPSCDS                            00000380
417    XXSMPWRK1  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,  00000390
       XX             LRECL=80)                                            00000400
418    XXSMPWRK2  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,  00000410
       XX             LRECL=80)                                            00000420
419    XXSMPWRK3  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,  00000430
       XX             LRECL=80)                                            00000440
420    XXSMPWRK4  DD  UNIT=&WORK,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,  00000450
       XX             LRECL=80)                                            00000460
421    XXSMPWRK5  DD  UNIT=&WORK,SPACE=(CYL,(30,10,250))                   00000470
       ***************************** DLIB DATASETS ********************     00000480
       ************************** NEEDED ON RESTORE ******************     00000490
422    XXACMDLIB  DD  DISP=SHR,DSN=SYS1.ACMDLIB                            00000500
423    XXAGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB                            00000510
424    XXAHELP    DD  DISP=SHR,DSN=SYS1.AHELP                              00000520
425    XXAIMAGE   DD  DISP=SHR,DSN=SYS1.AIMAGE                             00000530
426    XXALPALIB  DD  DISP=SHR,DSN=SYS1.ALPALIB                            00000540
427    XXAMACLIB  DD  DISP=SHR,DSN=SYS1.AMACLIB                            00000550
428    //AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN
       X/AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN                            00000560
429    XXAOS00    DD  DISP=SHR,DSN=SYS1.AOS00                              00000570
430    XXAOS03    DD  DISP=SHR,DSN=SYS1.AOS03                              00000580
431    XXAOS04    DD  DISP=SHR,DSN=SYS1.AOS04                              00000590
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 432     XXAOS05    DD  DISP=SHR,DSN=SYS1.AOS05                          00000600
 433     XXAOS06    DD  DISP=SHR,DSN=SYS1.AOS06                          00000610
 434     XXAOS07    DD  DISP=SHR,DSN=SYS1.AOS07                          00000620
 435     XXAOS11    DD  DISP=SHR,DSN=SYS1.AOS11                          00000630
 436     XXAOS12    DD  DISP=SHR,DSN=SYS1.AOS12                          00000640
 437     XXAOS20    DD  DISP=SHR,DSN=SYS1.AOS20                          00000650
 438     XXAOS21    DD  DISP=SHR,DSN=SYS1.AOS21                          00000660
 439     XXAOS24    DD  DISP=SHR,DSN=SYS1.AOS24                          00000670
 440     XXAOS26    DD  DISP=SHR,DSN=SYS1.AOS26                          00000680
 441     XXAOS29    DD  DISP=SHR,DSN=SYS1.AOS29                          00000690
 442     XXAOS32    DD  DISP=SHR,DSN=SYS1.AOS32                          00000700
 443     XXAOSA0    DD  DISP=SHR,DSN=SYS1.AOSA0                          00000710
 444     XXAOSA1    DD  DISP=SHR,DSN=SYS1.AOSA1                          00000720
 445     XXAOSB0    DD  DISP=SHR,DSN=SYS1.AOSB0                          00000730
 446     //AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3
         X/AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3                          00000740
 447     XXAOSBN    DD  DISP=SHR,DSN=SYS1.AOSBN                          00000750
 448     XXAOSC2    DD  DISP=SHR,DSN=SYS1.AOSC2                          00000760
 449     XXAOSC5    DD  DISP=SHR,DSN=SYS1.AOSC5                          00000770
 450     XXAOSC6    DD  DISP=SHR,DSN=SYS1.AOSC6                          00000780
 451     XXAOSCA    DD  DISP=SHR,DSN=SYS1.AOSCA                          00000790
 452     XXAOSCD    DD  DISP=SHR,DSN=SYS1.AOSCD                          00000800
 453     XXAOSCE    DD  DISP=SHR,DSN=SYS1.AOSCE                          00000810
 454     XXAOSD0    DD  DISP=SHR,DSN=SYS1.AOSD0                          00000820
 455     XXAOSD7    DD  DISP=SHR,DSN=SYS1.AOSD7                          00000830
 456     XXAOSD8    DD  DISP=SHR,DSN=SYS1.AOSD8                          00000840
 457     XXAOSG0    DD  DISP=SHR,DSN=SYS1.AOSG0                          00000850
 458     XXAOSH1    DD  DISP=SHR,DSN=SYS1.AOSH1                          00000860
 459     XXAOSH3    DD  DISP=SHR,DSN=SYS1.AOSH3                          00000870
 460     XXAOST3    DD  DISP=SHR,DSN=SYS1.AOST3                          00000880
 461     XXAOST4    DD  DISP=SHR,DSN=SYS1.AOST4                          00000890
 462     XXAOSU0    DD  DISP=SHR,DSN=SYS1.AOSU0                          00000900
 463     XXAPARMLIB DD  DISP=SHR,DSN=SYS1.APARMLIB                       00000910
 464     XXAPROCLIB DD  DISP=SHR,DSN=SYS1.APROCLIB                       00000920
 465     XXASAMPLIB DD  DISP=SHR,DSN=SYS1.ASAMPLIB                       00000930
 466     XXATCAMMAC DD  DISP=SHR,DSN=SYS1.ATCAMMAC                       00000940
 467     XXATSOMAC  DD  DISP=SHR,DSN=SYS1.ATSOMAC                        00000950
 468     XXAUADS    DD  DISP=SHR,DSN=SYS1.AUADS                          00000960
 469     XXHASPSRC  DD  DISP=SHR,DSN=SYS1.HASPSRC                        00000970
         ****************************** TARGET DATASETS ******************  00000980
         ****************************** NEEDED FOR APPLY *****************  00000990
 470     XXCMDLIB   DD  DISP=SHR,DSN=SYS1.CMDLIB                         00001000
 471     XXHELP     DD  DISP=SHR,DSN=SYS1.HELP                           00001010
 472     XXIMAGELIB DD  DISP=SHR,DSN=SYS1.IMAGELIB                       00001020
 473     XXIMAGE    DD  DISP=SHR,DSN=SYS1.IMAGELIB                       00001030
 474     XXLPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB                         00001040
 475     XXLINKLIB  DD  DISP=SHR,DSN=SYS1.LINKLIB                        00001050
 476     XXNUCLEUS  DD  DISP=SHR,DSN=SYS1.NUCLEUS                        00001060
 477     XXMACLIB   DD  DISP=SHR,DSN=SYS1.MACLIB                         00001070
 478     XXPARMLIB  DD  DISP=SHR,DSN=SYS1.PARMLIB                        00001080
 479     XXPROCLIB  DD  DISP=SHR,DSN=SYS1.PROCLIB                        00001090
 480     XXSAMPLIB  DD  DISP=SHR,DSN=SYS1.SAMPLIB                        00001100
 481     XXSVCLIB   DD  DISP=SHR,DSN=SYS1.SVCLIB                         00001110
 482     XXTCOMMAC  DD  DISP=SHR,DSN=SYS1.TCOMMAC                        00001120
 483     XXTELCMLIB DD  DISP=SHR,DSN=SYS1.TELCMLIB                       00001130
 484     XXUADS     DD  DISP=SHR,DSN=SYS1.UADS                           00001140
 485     XXUMODLIB  DD  DISP=SHR,DSN=SYS1.UMODLIB                        00001150
 486     XXUMODOBJ  DD  DISP=SHR,DSN=SYS1.UMODOBJ                        00001160
 487     XXVTAMLIB  DD  DISP=SHR,DSN=SYS1.VTAMLIB                        00001170
 488     //AGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB
 489     //LPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB
```

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490      //SMPCNTL  DD  *
491      //RESTORE EXEC SMPAPP,COND=(0,NE,APPLY2.HMASMP),WORK='SYSDA'
         ***
         ***  RESTORE THE DUMMY UPDATE, THIS FORCES A RE-LINK OF IEFVH1
         ***
         *** ************************************************************ * 00000010
         *** APPLY/RESTORE USER MOD                                       * 00000020
         *** ************************************************************ * 00000030
492      XXSMPAPP  PROC WORK=3350,              WORK UNIT                   00000040
         XX             TUNIT=3350,             TLIB UNIT                   00000050
         XX             TVOL=WORK00             TLIB VOLUME                 00000060
493      XXHMASMP  EXEC PGM=HMASMP,PARM='DATE=U',REGION=5120K,TIME=1439     00000070
494      XXSYSUT1   DD  UNIT=&WORK,SPACE=(1700,(600,100))                   00000080
495      XXSYSUT2   DD  UNIT=&WORK,SPACE=(1700,(600,100))                   00000090
496      XXSYSUT3   DD  UNIT=&WORK,SPACE=(1700,(600,100))                   00000100
497      XXSYSUT4   DD  UNIT=&WORK,SPACE=(80,(2,2))                         00000110
498      XXSYSPRINT DD  SYSOUT=*                                            00000120
499      XXASMPRINT DD  SYSOUT=*                                            00000130
500      XXCMPPRINT DD  SYSOUT=*                                            00000140
501      XXCOPPRINT DD  SYSOUT=*                                            00000150
502      XXLKDPRINT DD  SYSOUT=*                                            00000160
503      XXE37PRINT DD  SYSOUT=*                                            00000170
504      XXUPDPRINT DD  SYSOUT=*                                            00000180
505      XXZAPPRINT DD  SYSOUT=*                                            00000190
         ***************************** SMP DATASETS ********************    00000200
506      XXSMPOUT   DD  SYSOUT=*                                            00000210
507      XXSMPLOG   DD  DUMMY                                               00000220
508      XXSMPTLIB  DD  DISP=OLD,UNIT=&TUNIT,VOL=SER=&TVOL                  00000230
509      XXSYSLIB   DD  DISP=SHR,DSN=SYS1.SMPMTS,DCB=BLKSIZE=32720          00000240
510      XX         DD  DISP=SHR,DSN=SYS1.SMPSTS                            00000250
511      XX         DD  DISP=SHR,DSN=SYS1.MACLIB                            00000260
512      XX         DD  DISP=SHR,DSN=SYS1.AMODGEN                           00000270
513      XX         DD  DISP=SHR,DSN=SYS1.AMACLIB                           00000280
514      XX         DD  DISP=SHR,DSN=SYS1.HASPSRC                           00000290
515      XX         DD  DISP=SHR,DSN=SYS1.APVTMACS                          00000300
516      XXSMPACDS  DD  DISP=SHR,DSN=SYS1.SMPACDS                           00000310
517      XXSMPACRQ  DD  DISP=SHR,DSN=SYS1.SMPACRQ                           00000320
518      XXSMPCDS   DD  DISP=SHR,DSN=SYS1.SMPCDS                            00000330
519      XXSMPCRQ   DD  DISP=SHR,DSN=SYS1.SMPCRQ                            00000340
520      XXSMPMTS   DD  DISP=SHR,DSN=SYS1.SMPMTS                            00000350
521      XXSMPPTS   DD  DISP=SHR,DSN=SYS1.SMPPTS                            00000360
522      XXSMPSTS   DD  DISP=SHR,DSN=SYS1.SMPSTS                            00000370
523      XXSMPSCDS  DD  DISP=SHR,DSN=SYS1.SMPSCDS                           00000380
524      XXSMPWRK1  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120, 00000390
         XX             LRECL=80)                                           00000400
525      XXSMPWRK2  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120, 00000410
         XX             LRECL=80)                                           00000420
526      XXSMPWRK3  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120, 00000430
         XX             LRECL=80)                                           00000440
527      XXSMPWRK4  DD  UNIT=&WORK,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120, 00000450
         XX             LRECL=80)                                           00000460
528      XXSMPWRK5  DD  UNIT=&WORK,SPACE=(CYL,(30,10,250))                  00000470
         ***************************** DLIB DATASETS ********************    00000480
         ***************************** NEEDED ON RESTORE ****************    00000490
529      XXACMDLIB  DD  DISP=SHR,DSN=SYS1.ACMDLIB                           00000500
530      XXAGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB                           00000510
531      XXAHELP    DD  DISP=SHR,DSN=SYS1.AHELP                             00000520
532      XXAIMAGE   DD  DISP=SHR,DSN=SYS1.AIMAGE                            00000530
533      XXALPALIB  DD  DISP=SHR,DSN=SYS1.ALPALIB                           00000540
534      XXAMACLIB  DD  DISP=SHR,DSN=SYS1.AMACLIB                           00000550
535      //AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN
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         X/AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN                          00000560
 536     XXAOS00    DD  DISP=SHR,DSN=SYS1.AOS00                           00000570
 537     XXAOS03    DD  DISP=SHR,DSN=SYS1.AOS03                           00000580
 538     XXAOS04    DD  DISP=SHR,DSN=SYS1.AOS04                           00000590
 539     XXAOS05    DD  DISP=SHR,DSN=SYS1.AOS05                           00000600
 540     XXAOS06    DD  DISP=SHR,DSN=SYS1.AOS06                           00000610
 541     XXAOS07    DD  DISP=SHR,DSN=SYS1.AOS07                           00000620
 542     XXAOS11    DD  DISP=SHR,DSN=SYS1.AOS11                           00000630
 543     XXAOS12    DD  DISP=SHR,DSN=SYS1.AOS12                           00000640
 544     XXAOS20    DD  DISP=SHR,DSN=SYS1.AOS20                           00000650
 545     XXAOS21    DD  DISP=SHR,DSN=SYS1.AOS21                           00000660
 546     XXAOS24    DD  DISP=SHR,DSN=SYS1.AOS24                           00000670
 547     XXAOS26    DD  DISP=SHR,DSN=SYS1.AOS26                           00000680
 548     XXAOS29    DD  DISP=SHR,DSN=SYS1.AOS29                           00000690
 549     XXAOS32    DD  DISP=SHR,DSN=SYS1.AOS32                           00000700
 550     XXAOSA0    DD  DISP=SHR,DSN=SYS1.AOSA0                           00000710
 551     XXAOSA1    DD  DISP=SHR,DSN=SYS1.AOSA1                           00000720
 552     XXAOSB0    DD  DISP=SHR,DSN=SYS1.AOSB0                           00000730
 553     //AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3
         X/AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3                           00000740
 554     XXAOSBN    DD  DISP=SHR,DSN=SYS1.AOSBN                           00000750
 555     XXAOSC2    DD  DISP=SHR,DSN=SYS1.AOSC2                           00000760
 556     XXAOSC5    DD  DISP=SHR,DSN=SYS1.AOSC5                           00000770
 557     XXAOSC6    DD  DISP=SHR,DSN=SYS1.AOSC6                           00000780
 558     XXAOSCA    DD  DISP=SHR,DSN=SYS1.AOSCA                           00000790
 559     XXAOSCD    DD  DISP=SHR,DSN=SYS1.AOSCD                           00000800
 560     XXAOSCE    DD  DISP=SHR,DSN=SYS1.AOSCE                           00000810
 561     XXAOSD0    DD  DISP=SHR,DSN=SYS1.AOSD0                           00000820
 562     XXAOSD7    DD  DISP=SHR,DSN=SYS1.AOSD7                           00000830
 563     XXAOSD8    DD  DISP=SHR,DSN=SYS1.AOSD8                           00000840
 564     XXAOSG0    DD  DISP=SHR,DSN=SYS1.AOSG0                           00000850
 565     XXAOSH1    DD  DISP=SHR,DSN=SYS1.AOSH1                           00000860
 566     XXAOSH3    DD  DISP=SHR,DSN=SYS1.AOSH3                           00000870
 567     XXAOST3    DD  DISP=SHR,DSN=SYS1.AOST3                           00000880
 568     XXAOST4    DD  DISP=SHR,DSN=SYS1.AOST4                           00000890
 569     XXAOSU0    DD  DISP=SHR,DSN=SYS1.AOSU0                           00000900
 570     XXAPARMLIB DD  DISP=SHR,DSN=SYS1.APARMLIB                        00000910
 571     XXAPROCLIB DD  DISP=SHR,DSN=SYS1.APROCLIB                        00000920
 572     XXASAMPLIB DD  DISP=SHR,DSN=SYS1.ASAMPLIB                        00000930
 573     XXATCAMMAC DD  DISP=SHR,DSN=SYS1.ATCAMMAC                        00000940
 574     XXATSOMAC  DD  DISP=SHR,DSN=SYS1.ATSOMAC                         00000950
 575     XXAUADS    DD  DISP=SHR,DSN=SYS1.AUADS                           00000960
 576     XXHASPSRC  DD  DISP=SHR,DSN=SYS1.HASPSRC                         00000970
         ****************************** TARGET DATASETS ******************00000980
         ****************************** NEEDED FOR APPLY *****************00000990
 577     XXCMDLIB   DD  DISP=SHR,DSN=SYS1.CMDLIB                          00001000
 578     XXHELP     DD  DISP=SHR,DSN=SYS1.HELP                            00001010
 579     XXIMAGELIB DD  DISP=SHR,DSN=SYS1.IMAGELIB                        00001020
 580     XXIMAGE    DD  DISP=SHR,DSN=SYS1.IMAGELIB                        00001030
 581     XXLPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB                          00001040
 582     XXLINKLIB  DD  DISP=SHR,DSN=SYS1.LINKLIB                         00001050
 583     XXNUCLEUS  DD  DISP=SHR,DSN=SYS1.NUCLEUS                         00001060
 584     XXMACLIB   DD  DISP=SHR,DSN=SYS1.MACLIB                          00001070
 585     XXPARMLIB  DD  DISP=SHR,DSN=SYS1.PARMLIB                         00001080
 586     XXPROCLIB  DD  DISP=SHR,DSN=SYS1.PROCLIB                         00001090
 587     XXSAMPLIB  DD  DISP=SHR,DSN=SYS1.SAMPLIB                         00001100
 588     XXSVCLIB   DD  DISP=SHR,DSN=SYS1.SVCLIB                          00001110
 589     XXTCOMMAC  DD  DISP=SHR,DSN=SYS1.TCOMMAC                         00001120
 590     XXTELCMLIB DD  DISP=SHR,DSN=SYS1.TELCMLIB                        00001130
 591     XXUADS     DD  DISP=SHR,DSN=SYS1.UADS                            00001140
 592     XXUMODLIB  DD  DISP=SHR,DSN=SYS1.UMODLIB                         00001150
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593     XXUMODOBJ  DD  DISP=SHR,DSN=SYS1.UMODOBJ                                 00001160
594     XXVTAMLIB  DD  DISP=SHR,DSN=SYS1.VTAMLIB                                 00001170
595     //AGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB
596     //LPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB
597     //SMPCNTL  DD  *
598     //APPLY3CK EXEC SMPAPP,WORK='SYSDA'
        ***
        ***  APPLY THE ZAPS TO IEFVFA, IEFVHE AND IEFVHF
        ***
        *** ************************************************************ *  00000010
        *** APPLY/RESTORE USER MOD                                       *  00000020
        *** ************************************************************ *  00000030
599     XXSMPAPP  PROC WORK=3350,              WORK UNIT                     00000040
        XX             TUNIT=3350,             TLIB UNIT                     00000050
        XX             TVOL=WORK00             TLIB VOLUME                   00000060
600     XXHMASMP  EXEC PGM=HMASMP,PARM='DATE=U',REGION=5120K,TIME=1439       00000070
601     XXSYSUT1   DD  UNIT=&WORK,SPACE=(1700,(600,100))                     00000080
602     XXSYSUT2   DD  UNIT=&WORK,SPACE=(1700,(600,100))                     00000090
603     XXSYSUT3   DD  UNIT=&WORK,SPACE=(1700,(600,100))                     00000100
604     XXSYSUT4   DD  UNIT=&WORK,SPACE=(80,(2,2))                           00000110
605     XXSYSPRINT DD  SYSOUT=*                                              00000120
606     XXASMPRINT DD  SYSOUT=*                                              00000130
607     XXCMPPRINT DD  SYSOUT=*                                              00000140
608     XXCOPPRINT DD  SYSOUT=*                                              00000150
609     XXLKDPRINT DD  SYSOUT=*                                              00000160
610     XXE37PRINT DD  SYSOUT=*                                              00000170
611     XXUPDPRINT DD  SYSOUT=*                                              00000180
612     XXZAPPRINT DD  SYSOUT=*                                              00000190
        ***************************** SMP DATASETS *********************     00000200
613     XXSMPOUT   DD  SYSOUT=*                                              00000210
614     XXSMPLOG   DD  DUMMY                                                 00000220
615     XXSMPTLIB  DD  DISP=OLD,UNIT=&TUNIT,VOL=SER=&TVOL                    00000230
616     XXSYSLIB   DD  DISP=SHR,DSN=SYS1.SMPMTS,DCB=BLKSIZE=32720            00000240
617     XX         DD  DISP=SHR,DSN=SYS1.SMPSTS                              00000250
618     XX         DD  DISP=SHR,DSN=SYS1.MACLIB                              00000260
619     XX         DD  DISP=SHR,DSN=SYS1.AMODGEN                             00000270
620     XX         DD  DISP=SHR,DSN=SYS1.AMACLIB                             00000280
621     XX         DD  DISP=SHR,DSN=SYS1.HASPSRC                             00000290
622     XX         DD  DISP=SHR,DSN=SYS1.APVTMACS                            00000300
623     XXSMPACDS  DD  DISP=SHR,DSN=SYS1.SMPACDS                             00000310
624     XXSMPACRQ  DD  DISP=SHR,DSN=SYS1.SMPACRQ                             00000320
625     XXSMPCDS   DD  DISP=SHR,DSN=SYS1.SMPCDS                              00000330
626     XXSMPCRQ   DD  DISP=SHR,DSN=SYS1.SMPCRQ                              00000340
627     XXSMPMTS   DD  DISP=SHR,DSN=SYS1.SMPMTS                              00000350
628     XXSMPPTS   DD  DISP=SHR,DSN=SYS1.SMPPTS                              00000360
629     XXSMPSTS   DD  DISP=SHR,DSN=SYS1.SMPSTS                              00000370
630     XXSMPSCDS  DD  DISP=SHR,DSN=SYS1.SMPSCDS                             00000380
631     XXSMPWRK1  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,   00000390
        XX             LRECL=80)                                             00000400
632     XXSMPWRK2  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,   00000410
        XX             LRECL=80)                                             00000420
633     XXSMPWRK3  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,   00000430
        XX             LRECL=80)                                             00000440
634     XXSMPWRK4  DD  UNIT=&WORK,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,   00000450
        XX             LRECL=80)                                             00000460
635     XXSMPWRK5  DD  UNIT=&WORK,SPACE=(CYL,(30,10,250))                    00000470
        ***************************** DLIB DATASETS ********************     00000480
        ***************************** NEEDED ON RESTORE ******************   00000490
636     XXACMDLIB  DD  DISP=SHR,DSN=SYS1.ACMDLIB                             00000500
637     XXAGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB                             00000510
638     XXAHELP    DD  DISP=SHR,DSN=SYS1.AHELP                               00000520
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639     XXAIMAGE   DD  DISP=SHR,DSN=SYS1.AIMAGE                          00000530
640     XXALPALIB  DD  DISP=SHR,DSN=SYS1.ALPALIB                         00000540
641     XXAMACLIB  DD  DISP=SHR,DSN=SYS1.AMACLIB                         00000550
642     //AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN
        X/AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN                         00000560
643     XXAOS00    DD  DISP=SHR,DSN=SYS1.AOS00                           00000570
644     XXAOS03    DD  DISP=SHR,DSN=SYS1.AOS03                           00000580
645     XXAOS04    DD  DISP=SHR,DSN=SYS1.AOS04                           00000590
646     XXAOS05    DD  DISP=SHR,DSN=SYS1.AOS05                           00000600
647     XXAOS06    DD  DISP=SHR,DSN=SYS1.AOS06                           00000610
648     XXAOS07    DD  DISP=SHR,DSN=SYS1.AOS07                           00000620
649     XXAOS11    DD  DISP=SHR,DSN=SYS1.AOS11                           00000630
650     XXAOS12    DD  DISP=SHR,DSN=SYS1.AOS12                           00000640
651     XXAOS20    DD  DISP=SHR,DSN=SYS1.AOS20                           00000650
652     XXAOS21    DD  DISP=SHR,DSN=SYS1.AOS21                           00000660
653     XXAOS24    DD  DISP=SHR,DSN=SYS1.AOS24                           00000670
654     XXAOS26    DD  DISP=SHR,DSN=SYS1.AOS26                           00000680
655     XXAOS29    DD  DISP=SHR,DSN=SYS1.AOS29                           00000690
656     XXAOS32    DD  DISP=SHR,DSN=SYS1.AOS32                           00000700
657     XXAOSA0    DD  DISP=SHR,DSN=SYS1.AOSA0                           00000710
658     XXAOSA1    DD  DISP=SHR,DSN=SYS1.AOSA1                           00000720
659     XXAOSB0    DD  DISP=SHR,DSN=SYS1.AOSB0                           00000730
660     //AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3
        X/AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3                           00000740
661     XXAOSBN    DD  DISP=SHR,DSN=SYS1.AOSBN                           00000750
662     XXAOSC2    DD  DISP=SHR,DSN=SYS1.AOSC2                           00000760
663     XXAOSC5    DD  DISP=SHR,DSN=SYS1.AOSC5                           00000770
664     XXAOSC6    DD  DISP=SHR,DSN=SYS1.AOSC6                           00000780
665     XXAOSCA    DD  DISP=SHR,DSN=SYS1.AOSCA                           00000790
666     XXAOSCD    DD  DISP=SHR,DSN=SYS1.AOSCD                           00000800
667     XXAOSCE    DD  DISP=SHR,DSN=SYS1.AOSCE                           00000810
668     XXAOSD0    DD  DISP=SHR,DSN=SYS1.AOSD0                           00000820
669     XXAOSD7    DD  DISP=SHR,DSN=SYS1.AOSD7                           00000830
670     XXAOSD8    DD  DISP=SHR,DSN=SYS1.AOSD8                           00000840
671     XXAOSG0    DD  DISP=SHR,DSN=SYS1.AOSG0                           00000850
672     XXAOSH1    DD  DISP=SHR,DSN=SYS1.AOSH1                           00000860
673     XXAOSH3    DD  DISP=SHR,DSN=SYS1.AOSH3                           00000870
674     XXAOST3    DD  DISP=SHR,DSN=SYS1.AOST3                           00000880
675     XXAOST4    DD  DISP=SHR,DSN=SYS1.AOST4                           00000890
676     XXAOSU0    DD  DISP=SHR,DSN=SYS1.AOSU0                           00000900
677     XXAPARMLIB DD  DISP=SHR,DSN=SYS1.APARMLIB                        00000910
678     XXAPROCLIB DD  DISP=SHR,DSN=SYS1.APROCLIB                        00000920
679     XXASAMPLIB DD  DISP=SHR,DSN=SYS1.ASAMPLIB                        00000930
680     XXATCAMMAC DD  DISP=SHR,DSN=SYS1.ATCAMMAC                        00000940
681     XXATSOMAC  DD  DISP=SHR,DSN=SYS1.ATSOMAC                         00000950
682     XXAUADS    DD  DISP=SHR,DSN=SYS1.AUADS                           00000960
683     XXHASPSRC  DD  DISP=SHR,DSN=SYS1.HASPSRC                         00000970
        ****************************** TARGET DATASETS ******************* 00000980
        ****************************** NEEDED FOR APPLY ******************* 00000990
684     XXCMDLIB   DD  DISP=SHR,DSN=SYS1.CMDLIB                          00001000
685     XXHELP     DD  DISP=SHR,DSN=SYS1.HELP                            00001010
686     XXIMAGELIB DD  DISP=SHR,DSN=SYS1.IMAGELIB                        00001020
687     XXIMAGE    DD  DISP=SHR,DSN=SYS1.IMAGELIB                        00001030
688     XXLPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB                          00001040
689     XXLINKLIB  DD  DISP=SHR,DSN=SYS1.LINKLIB                         00001050
690     XXNUCLEUS  DD  DISP=SHR,DSN=SYS1.NUCLEUS                         00001060
691     XXMACLIB   DD  DISP=SHR,DSN=SYS1.MACLIB                          00001070
692     XXPARMLIB  DD  DISP=SHR,DSN=SYS1.PARMLIB                         00001080
693     XXPROCLIB  DD  DISP=SHR,DSN=SYS1.PROCLIB                         00001090
694     XXSAMPLIB  DD  DISP=SHR,DSN=SYS1.SAMPLIB                         00001100
695     XXSVCLIB   DD  DISP=SHR,DSN=SYS1.SVCLIB                          00001110
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696      XXTCOMMAC  DD  DISP=SHR,DSN=SYS1.TCOMMAC                                  00001120
697      XXTELCMLIB DD  DISP=SHR,DSN=SYS1.TELCMLIB                                 00001130
698      XXUADS     DD  DISP=SHR,DSN=SYS1.UADS                                     00001140
699      XXUMODLIB  DD  DISP=SHR,DSN=SYS1.UMODLIB                                  00001150
700      XXUMODOBJ  DD  DISP=SHR,DSN=SYS1.UMODOBJ                                  00001160
701      XXVTAMLIB  DD  DISP=SHR,DSN=SYS1.VTAMLIB                                  00001170
702      //AGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB
703      //LPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB
704      //SMPCNTL  DD  *
705      //APPLY3 EXEC SMPAPP,WORK='SYSDA',COND=(0,NE,APPLY3CK.HMASMP)
         ***
         ***  APPLY THE ZAPS TO IEFVFA, IEFVHE AND IEFVHF
         ***
         *** ************************************************************ * 00000010
         *** APPLY/RESTORE USER MOD                                       * 00000020
         *** ************************************************************ * 00000030
706      XXSMPAPP  PROC WORK=3350,              WORK UNIT                   00000040
         XX             TUNIT=3350,             TLIB UNIT                   00000050
         XX             TVOL=WORK00             TLIB VOLUME                 00000060
707      XXHMASMP  EXEC PGM=HMASMP,PARM='DATE=U',REGION=5120K,TIME=1439     00000070
708      XXSYSUT1   DD  UNIT=&WORK,SPACE=(1700,(600,100))                   00000080
709      XXSYSUT2   DD  UNIT=&WORK,SPACE=(1700,(600,100))                   00000090
710      XXSYSUT3   DD  UNIT=&WORK,SPACE=(1700,(600,100))                   00000100
711      XXSYSUT4   DD  UNIT=&WORK,SPACE=(80,(2,2))                         00000110
712      XXSYSPRINT DD  SYSOUT=*                                            00000120
713      XXASMPRINT DD  SYSOUT=*                                            00000130
714      XXCMPPRINT DD  SYSOUT=*                                            00000140
715      XXCOPPRINT DD  SYSOUT=*                                            00000150
716      XXLKDPRINT DD  SYSOUT=*                                            00000160
717      XXE37PRINT DD  SYSOUT=*                                            00000170
718      XXUPDPRINT DD  SYSOUT=*                                            00000180
719      XXZAPPRINT DD  SYSOUT=*                                            00000190
         ***************************** SMP DATASETS *********************   00000200
720      XXSMPOUT   DD  SYSOUT=*                                            00000210
721      XXSMPLOG   DD  DUMMY                                               00000220
722      XXSMPTLIB  DD  DISP=OLD,UNIT=&TUNIT,VOL=SER=&TVOL                  00000230
723      XXSYSLIB   DD  DISP=SHR,DSN=SYS1.SMPMTS,DCB=BLKSIZE=32720          00000240
724      XX         DD  DISP=SHR,DSN=SYS1.SMPSTS                            00000250
725      XX         DD  DISP=SHR,DSN=SYS1.MACLIB                            00000260
726      XX         DD  DISP=SHR,DSN=SYS1.AMODGEN                           00000270
727      XX         DD  DISP=SHR,DSN=SYS1.AMACLIB                           00000280
728      XX         DD  DISP=SHR,DSN=SYS1.HASPSRC                           00000290
729      XX         DD  DISP=SHR,DSN=SYS1.APVTMACS                          00000300
730      XXSMPACDS  DD  DISP=SHR,DSN=SYS1.SMPACDS                           00000310
731      XXSMPACRQ  DD  DISP=SHR,DSN=SYS1.SMPACRQ                           00000320
732      XXSMPCDS   DD  DISP=SHR,DSN=SYS1.SMPCDS                            00000330
733      XXSMPCRQ   DD  DISP=SHR,DSN=SYS1.SMPCRQ                            00000340
734      XXSMPMTS   DD  DISP=SHR,DSN=SYS1.SMPMTS                            00000350
735      XXSMPPTS   DD  DISP=SHR,DSN=SYS1.SMPPTS                            00000360
736      XXSMPSTS   DD  DISP=SHR,DSN=SYS1.SMPSTS                            00000370
737      XXSMPSCDS  DD  DISP=SHR,DSN=SYS1.SMPSCDS                           00000380
738      XXSMPWRK1  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120, 00000390
         XX             LRECL=80)                                           00000400
739      XXSMPWRK2  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120, 00000410
         XX             LRECL=80)                                           00000420
740      XXSMPWRK3  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120, 00000430
         XX             LRECL=80)                                           00000440
741      XXSMPWRK4  DD  UNIT=&WORK,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120, 00000450
         XX             LRECL=80)                                           00000460
742      XXSMPWRK5  DD  UNIT=&WORK,SPACE=(CYL,(30,10,250))                  00000470
         ***************************** DLIB DATASETS ********************   00000480
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        ************************** NEEDED ON RESTORE ******************       00000490
743     XXACMDLIB  DD  DISP=SHR,DSN=SYS1.ACMDLIB                           00000500
744     XXAGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB                           00000510
745     XXAHELP    DD  DISP=SHR,DSN=SYS1.AHELP                             00000520
746     XXAIMAGE   DD  DISP=SHR,DSN=SYS1.AIMAGE                            00000530
747     XXALPALIB  DD  DISP=SHR,DSN=SYS1.ALPALIB                           00000540
748     XXAMACLIB  DD  DISP=SHR,DSN=SYS1.AMACLIB                           00000550
749     //AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN
        X/AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN                           00000560
750     XXAOS00    DD  DISP=SHR,DSN=SYS1.AOS00                             00000570
751     XXAOS03    DD  DISP=SHR,DSN=SYS1.AOS03                             00000580
752     XXAOS04    DD  DISP=SHR,DSN=SYS1.AOS04                             00000590
753     XXAOS05    DD  DISP=SHR,DSN=SYS1.AOS05                             00000600
754     XXAOS06    DD  DISP=SHR,DSN=SYS1.AOS06                             00000610
755     XXAOS07    DD  DISP=SHR,DSN=SYS1.AOS07                             00000620
756     XXAOS11    DD  DISP=SHR,DSN=SYS1.AOS11                             00000630
757     XXAOS12    DD  DISP=SHR,DSN=SYS1.AOS12                             00000640
758     XXAOS20    DD  DISP=SHR,DSN=SYS1.AOS20                             00000650
759     XXAOS21    DD  DISP=SHR,DSN=SYS1.AOS21                             00000660
760     XXAOS24    DD  DISP=SHR,DSN=SYS1.AOS24                             00000670
761     XXAOS26    DD  DISP=SHR,DSN=SYS1.AOS26                             00000680
762     XXAOS29    DD  DISP=SHR,DSN=SYS1.AOS29                             00000690
763     XXAOS32    DD  DISP=SHR,DSN=SYS1.AOS32                             00000700
764     XXAOSA0    DD  DISP=SHR,DSN=SYS1.AOSA0                             00000710
765     XXAOSA1    DD  DISP=SHR,DSN=SYS1.AOSA1                             00000720
766     XXAOSB0    DD  DISP=SHR,DSN=SYS1.AOSB0                             00000730
767     //AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3
        X/AOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3                             00000740
768     XXAOSBN    DD  DISP=SHR,DSN=SYS1.AOSBN                             00000750
769     XXAOSC2    DD  DISP=SHR,DSN=SYS1.AOSC2                             00000760
770     XXAOSC5    DD  DISP=SHR,DSN=SYS1.AOSC5                             00000770
771     XXAOSC6    DD  DISP=SHR,DSN=SYS1.AOSC6                             00000780
772     XXAOSCA    DD  DISP=SHR,DSN=SYS1.AOSCA                             00000790
773     XXAOSCD    DD  DISP=SHR,DSN=SYS1.AOSCD                             00000800
774     XXAOSCE    DD  DISP=SHR,DSN=SYS1.AOSCE                             00000810
775     XXAOSD0    DD  DISP=SHR,DSN=SYS1.AOSD0                             00000820
776     XXAOSD7    DD  DISP=SHR,DSN=SYS1.AOSD7                             00000830
777     XXAOSD8    DD  DISP=SHR,DSN=SYS1.AOSD8                             00000840
778     XXAOSG0    DD  DISP=SHR,DSN=SYS1.AOSG0                             00000850
779     XXAOSH1    DD  DISP=SHR,DSN=SYS1.AOSH1                             00000860
780     XXAOSH3    DD  DISP=SHR,DSN=SYS1.AOSH3                             00000870
781     XXAOST3    DD  DISP=SHR,DSN=SYS1.AOST3                             00000880
782     XXAOST4    DD  DISP=SHR,DSN=SYS1.AOST4                             00000890
783     XXAOSU0    DD  DISP=SHR,DSN=SYS1.AOSU0                             00000900
784     XXAPARMLIB DD  DISP=SHR,DSN=SYS1.APARMLIB                          00000910
785     XXAPROCLIB DD  DISP=SHR,DSN=SYS1.APROCLIB                          00000920
786     XXASAMPLIB DD  DISP=SHR,DSN=SYS1.ASAMPLIB                          00000930
787     XXATCAMMAC DD  DISP=SHR,DSN=SYS1.ATCAMMAC                          00000940
788     XXATSOMAC  DD  DISP=SHR,DSN=SYS1.ATSOMAC                           00000950
789     XXAUADS    DD  DISP=SHR,DSN=SYS1.AUADS                             00000960
790     XXHASPSRC  DD  DISP=SHR,DSN=SYS1.HASPSRC                           00000970
        ************************** TARGET DATASETS ******************       00000980
        ************************** NEEDED FOR APPLY *****************       00000990
791     XXCMDLIB   DD  DISP=SHR,DSN=SYS1.CMDLIB                            00001000
792     XXHELP     DD  DISP=SHR,DSN=SYS1.HELP                              00001010
793     XXIMAGELIB DD  DISP=SHR,DSN=SYS1.IMAGELIB                          00001020
794     XXIMAGE    DD  DISP=SHR,DSN=SYS1.IMAGELIB                          00001030
795     XXLPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB                            00001040
796     XXLINKLIB  DD  DISP=SHR,DSN=SYS1.LINKLIB                           00001050
797     XXNUCLEUS  DD  DISP=SHR,DSN=SYS1.NUCLEUS                           00001060
798     XXMACLIB   DD  DISP=SHR,DSN=SYS1.MACLIB                            00001070
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799      XXPARMLIB  DD  DISP=SHR,DSN=SYS1.PARMLIB                                  00001080
800      XXPROCLIB  DD  DISP=SHR,DSN=SYS1.PROCLIB                                  00001090
801      XXSAMPLIB  DD  DISP=SHR,DSN=SYS1.SAMPLIB                                  00001100
802      XXSVCLIB   DD  DISP=SHR,DSN=SYS1.SVCLIB                                   00001110
803      XXTCOMMAC  DD  DISP=SHR,DSN=SYS1.TCOMMAC                                  00001120
804      XXTELCMLIB DD  DISP=SHR,DSN=SYS1.TELCMLIB                                 00001130
805      XXUADS     DD  DISP=SHR,DSN=SYS1.UADS                                     00001140
806      XXUMODLIB  DD  DISP=SHR,DSN=SYS1.UMODLIB                                  00001150
807      XXUMODOBJ  DD  DISP=SHR,DSN=SYS1.UMODOBJ                                  00001160
808      XXVTAMLIB  DD  DISP=SHR,DSN=SYS1.VTAMLIB                                  00001170
809      //AGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB
810      //LPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB
811      //SMPCNTL  DD  *
         ********************************************************************
         ***
         *** NAME: SYS1.DYNAMIC.PROCLIB(ACCEPT)
         ***
         *** DESC: ACCEPT DYNAMIC PROCLIB SUPPORT
         ***
         *** YOU MAY ELECT TO INSTALL MANUALLY BY FOLLOWING THE DIRECTIONS
         ***WHICH ARE INCLUDED IN THE $$$DOC MEMBER OF THIS PDS
         ***
         *** IF YOU HAVE ANY QUESTIONS PLEASE CALL:
         ***
         *** BRIAN WESTERMAN        EMAIL:  BRIAN_WESTERMAN@SYZYGYINC.COM
         *** SYZYGY INCORPORATED
         *** PHONE: (800) 767-2244  FAX:(800) 366-4082
         ********************************************************************
         ***
812      //ACCEPT  EXEC SMPAPP,WORK='SYSDA',
         //             COND=((0,NE,APPLY1.HMASMP),(0,NE,APPLY2.HMASMP),        X
         //             (0,NE,APPLY3.HMASMP))
         *** ************************************************************ * 00000010
         *** APPLY/RESTORE USER MOD                                       * 00000020
         *** ************************************************************ * 00000030
813      XXSMPAPP  PROC WORK=3350,              WORK UNIT                    00000040
         XX             TUNIT=3350,             TLIB UNIT                    00000050
         XX             TVOL=WORK00             TLIB VOLUME                  00000060
814      XXHMASMP  EXEC PGM=HMASMP,PARM='DATE=U',REGION=5120K,TIME=1439      00000070
815      XXSYSUT1   DD  UNIT=&WORK,SPACE=(1700,(600,100))                    00000080
816      XXSYSUT2   DD  UNIT=&WORK,SPACE=(1700,(600,100))                    00000090
817      XXSYSUT3   DD  UNIT=&WORK,SPACE=(1700,(600,100))                    00000100
818      XXSYSUT4   DD  UNIT=&WORK,SPACE=(80,(2,2))                          00000110
819      XXSYSPRINT DD  SYSOUT=*                                             00000120
820      XXASMPRINT DD  SYSOUT=*                                             00000130
821      XXCMPPRINT DD  SYSOUT=*                                             00000140
822      XXCOPPRINT DD  SYSOUT=*                                             00000150
823      XXLKDPRINT DD  SYSOUT=*                                             00000160
824      XXE37PRINT DD  SYSOUT=*                                             00000170
825      XXUPDPRINT DD  SYSOUT=*                                             00000180
826      XXZAPPRINT DD  SYSOUT=*                                             00000190
         ***************************** SMP DATASETS *********************    00000200
827      XXSMPOUT   DD  SYSOUT=*                                             00000210
828      XXSMPLOG   DD  DUMMY                                                00000220
829      XXSMPTLIB  DD  DISP=OLD,UNIT=&TUNIT,VOL=SER=&TVOL                   00000230
830      XXSYSLIB   DD  DISP=SHR,DSN=SYS1.SMPMTS,DCB=BLKSIZE=32720           00000240
831      XX         DD  DISP=SHR,DSN=SYS1.SMPSTS                             00000250
832      XX         DD  DISP=SHR,DSN=SYS1.MACLIB                             00000260
833      XX         DD  DISP=SHR,DSN=SYS1.AMODGEN                            00000270
834      XX         DD  DISP=SHR,DSN=SYS1.AMACLIB                            00000280
835      XX         DD  DISP=SHR,DSN=SYS1.HASPSRC                            00000290
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836     XX         DD  DISP=SHR,DSN=SYS1.APVTMACS                              00000300
837     XXSMPACDS  DD  DISP=SHR,DSN=SYS1.SMPACDS                               00000310
838     XXSMPACRQ  DD  DISP=SHR,DSN=SYS1.SMPACRQ                               00000320
839     XXSMPCDS   DD  DISP=SHR,DSN=SYS1.SMPCDS                                00000330
840     XXSMPCRQ   DD  DISP=SHR,DSN=SYS1.SMPCRQ                                00000340
841     XXSMPMTS   DD  DISP=SHR,DSN=SYS1.SMPMTS                                00000350
842     XXSMPPTS   DD  DISP=SHR,DSN=SYS1.SMPPTS                                00000360
843     XXSMPSTS   DD  DISP=SHR,DSN=SYS1.SMPSTS                                00000370
844     XXSMPSCDS  DD  DISP=SHR,DSN=SYS1.SMPSCDS                               00000380
845     XXSMPWRK1  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,      00000390
        XX             LRECL=80)                                               00000400
846     XXSMPWRK2  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,      00000410
        XX             LRECL=80)                                               00000420
847     XXSMPWRK3  DD  UNIT=&WORK,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,      00000430
        XX             LRECL=80)                                               00000440
848     XXSMPWRK4  DD  UNIT=&WORK,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,      00000450
        XX             LRECL=80)                                               00000460
849     XXSMPWRK5  DD  UNIT=&WORK,SPACE=(CYL,(30,10,250))                       00000470
        ***************************** DLIB DATASETS *********************     00000480
        ***************************** NEEDED ON RESTORE *******************   00000490
850     XXACMDLIB  DD  DISP=SHR,DSN=SYS1.ACMDLIB                               00000500
851     XXAGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB                               00000510
852     XXAHELP    DD  DISP=SHR,DSN=SYS1.AHELP                                 00000520
853     XXAIMAGE   DD  DISP=SHR,DSN=SYS1.AIMAGE                                00000530
854     XXALPALIB  DD  DISP=SHR,DSN=SYS1.ALPALIB                               00000540
855     XXAMACLIB  DD  DISP=SHR,DSN=SYS1.AMACLIB                               00000550
856     //AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN
        X/AMODGEN  DD  DISP=SHR,DSN=SYS1.AMODGEN                               00000560
857     XXAOS00    DD  DISP=SHR,DSN=SYS1.AOS00                                 00000570
858     XXAOS03    DD  DISP=SHR,DSN=SYS1.AOS03                                 00000580
859     XXAOS04    DD  DISP=SHR,DSN=SYS1.AOS04                                 00000590
860     XXAOS05    DD  DISP=SHR,DSN=SYS1.AOS05                                 00000600
861     XXAOS06    DD  DISP=SHR,DSN=SYS1.AOS06                                 00000610
862     XXAOS07    DD  DISP=SHR,DSN=SYS1.AOS07                                 00000620
863     XXAOS11    DD  DISP=SHR,DSN=SYS1.AOS11                                 00000630
864     XXAOS12    DD  DISP=SHR,DSN=SYS1.AOS12                                 00000640
865     XXAOS20    DD  DISP=SHR,DSN=SYS1.AOS20                                 00000650
866     XXAOS21    DD  DISP=SHR,DSN=SYS1.AOS21                                 00000660
867     XXAOS24    DD  DISP=SHR,DSN=SYS1.AOS24                                 00000670
868     XXAOS26    DD  DISP=SHR,DSN=SYS1.AOS26                                 00000680
869     XXAOS29    DD  DISP=SHR,DSN=SYS1.AOS29                                 00000690
870     XXAOS32    DD  DISP=SHR,DSN=SYS1.AOS32                                 00000700
871     XXAOSA0    DD  DISP=SHR,DSN=SYS1.AOSA0                                 00000710
872     XXAOSA1    DD  DISP=SHR,DSN=SYS1.AOSA1                                 00000720
873     XXAOSB0    DD  DISP=SHR,DSN=SYS1.AOSB0                                 00000730
874     XXAOSB3    DD  DISP=SHR,DSN=SYS1.AOSB3                                 00000740
875     XXAOSBN    DD  DISP=SHR,DSN=SYS1.AOSBN                                 00000750
876     XXAOSC2    DD  DISP=SHR,DSN=SYS1.AOSC2                                 00000760
877     XXAOSC5    DD  DISP=SHR,DSN=SYS1.AOSC5                                 00000770
878     XXAOSC6    DD  DISP=SHR,DSN=SYS1.AOSC6                                 00000780
879     XXAOSCA    DD  DISP=SHR,DSN=SYS1.AOSCA                                 00000790
880     XXAOSCD    DD  DISP=SHR,DSN=SYS1.AOSCD                                 00000800
881     XXAOSCE    DD  DISP=SHR,DSN=SYS1.AOSCE                                 00000810
882     XXAOSD0    DD  DISP=SHR,DSN=SYS1.AOSD0                                 00000820
883     XXAOSD7    DD  DISP=SHR,DSN=SYS1.AOSD7                                 00000830
884     XXAOSD8    DD  DISP=SHR,DSN=SYS1.AOSD8                                 00000840
885     XXAOSG0    DD  DISP=SHR,DSN=SYS1.AOSG0                                 00000850
886     XXAOSH1    DD  DISP=SHR,DSN=SYS1.AOSH1                                 00000860
887     XXAOSH3    DD  DISP=SHR,DSN=SYS1.AOSH3                                 00000870
888     XXAOST3    DD  DISP=SHR,DSN=SYS1.AOST3                                 00000880
889     XXAOST4    DD  DISP=SHR,DSN=SYS1.AOST4                                 00000890
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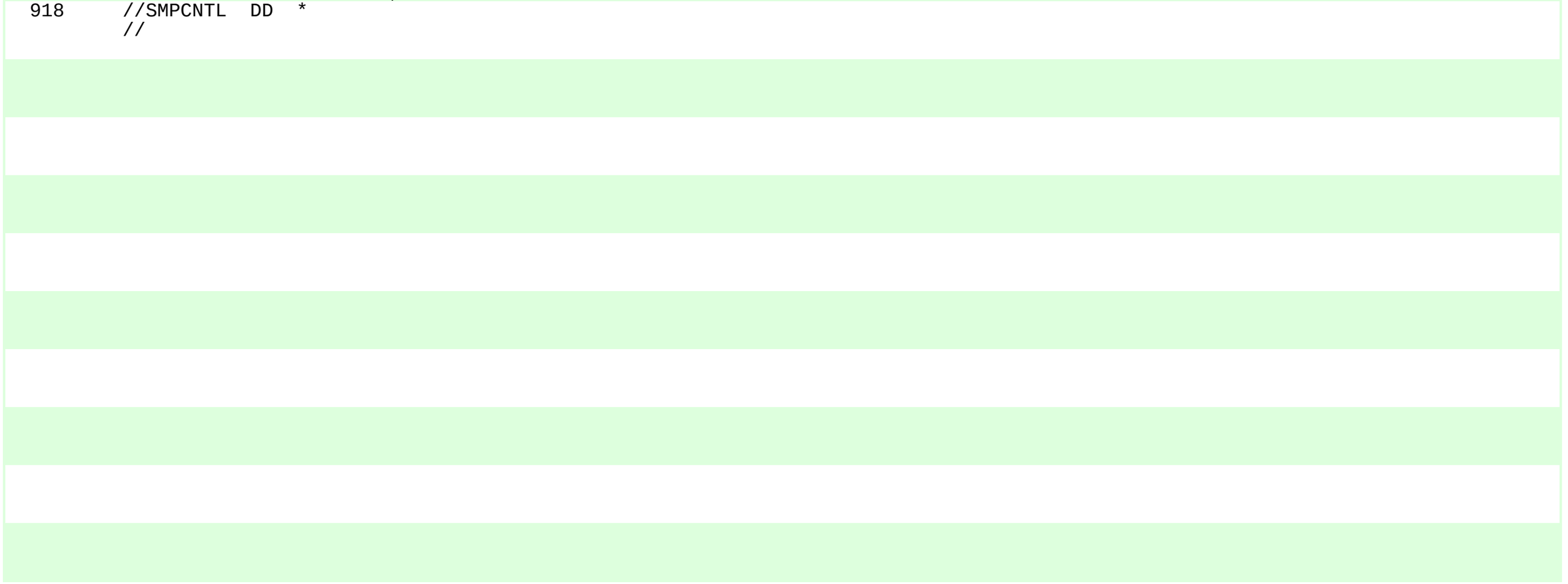
890     XXAOSU0    DD  DISP=SHR,DSN=SYS1.AOSU0                              00000900
891     XXAPARMLIB DD  DISP=SHR,DSN=SYS1.APARMLIB                           00000910
892     XXAPROCLIB DD  DISP=SHR,DSN=SYS1.APROCLIB                           00000920
893     XXASAMPLIB DD  DISP=SHR,DSN=SYS1.ASAMPLIB                           00000930
894     XXATCAMMAC DD  DISP=SHR,DSN=SYS1.ATCAMMAC                           00000940
895     XXATSOMAC  DD  DISP=SHR,DSN=SYS1.ATSOMAC                            00000950
896     XXAUADS    DD  DISP=SHR,DSN=SYS1.AUADS                              00000960
897     XXHASPSRC  DD  DISP=SHR,DSN=SYS1.HASPSRC                            00000970
        ****************************** TARGET DATASETS ********************00000980
        ****************************** NEEDED FOR APPLY ********************00000990
898     XXCMDLIB   DD  DISP=SHR,DSN=SYS1.CMDLIB                             00001000
899     XXHELP     DD  DISP=SHR,DSN=SYS1.HELP                               00001010
900     XXIMAGELIB DD  DISP=SHR,DSN=SYS1.IMAGELIB                           00001020
901     XXIMAGE    DD  DISP=SHR,DSN=SYS1.IMAGELIB                           00001030
902     XXLPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB                             00001040
903     XXLINKLIB  DD  DISP=SHR,DSN=SYS1.LINKLIB                            00001050
904     XXNUCLEUS  DD  DISP=SHR,DSN=SYS1.NUCLEUS                            00001060
905     XXMACLIB   DD  DISP=SHR,DSN=SYS1.MACLIB                             00001070
906     XXPARMLIB  DD  DISP=SHR,DSN=SYS1.PARMLIB                            00001080
907     XXPROCLIB  DD  DISP=SHR,DSN=SYS1.PROCLIB                            00001090
908     XXSAMPLIB  DD  DISP=SHR,DSN=SYS1.SAMPLIB                            00001100
909     XXSVCLIB   DD  DISP=SHR,DSN=SYS1.SVCLIB                             00001110
910     XXTCOMMAC  DD  DISP=SHR,DSN=SYS1.TCOMMAC                            00001120
911     XXTELCMLIB DD  DISP=SHR,DSN=SYS1.TELCMLIB                           00001130
912     XXUADS     DD  DISP=SHR,DSN=SYS1.UADS                               00001140
913     XXUMODLIB  DD  DISP=SHR,DSN=SYS1.UMODLIB                            00001150
914     XXUMODOBJ  DD  DISP=SHR,DSN=SYS1.UMODOBJ                            00001160
915     XXVTAMLIB  DD  DISP=SHR,DSN=SYS1.VTAMLIB                            00001170
916     //AGENLIB  DD  DISP=SHR,DSN=SYS1.AGENLIB
917     //LPALIB   DD  DISP=SHR,DSN=SYS1.LPALIB
```



```
918     //SMPCNTL  DD  *
        //
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```
 STMT NO. MESSAGE
-
   26     IEF653I SUBSTITUTION JCL - UNIT=3350,SPACE=(1700,(600,100))
   27     IEF653I SUBSTITUTION JCL - UNIT=3350,SPACE=(1700,(600,100))
   28     IEF653I SUBSTITUTION JCL - UNIT=3350,SPACE=(1700,(600,100))
   29     IEF653I SUBSTITUTION JCL - UNIT=3350,SPACE=(80,(2,2))
   40     IEF653I SUBSTITUTION JCL - DISP=OLD,UNIT=3350,VOL=SER=WORK00
   56     IEF653I SUBSTITUTION JCL - UNIT=3350,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
   57     IEF653I SUBSTITUTION JCL - UNIT=3350,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
   58     IEF653I SUBSTITUTION JCL - UNIT=3350,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
   59     IEF653I SUBSTITUTION JCL - UNIT=3350,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,
   60     IEF653I SUBSTITUTION JCL - UNIT=3350,SPACE=(CYL,(30,10,250))
   66     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
   67     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
   68     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
   69     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(80,(2,2))
   80     IEF653I SUBSTITUTION JCL - DISP=OLD,UNIT=3350,VOL=SER=WORK00
   96     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
   97     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
   98     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
   99     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,
  100     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(30,10,250))
  173     IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(1700,(600,100))
  174     IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(1700,(600,100))
  175     IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(1700,(600,100))
  176     IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(80,(2,2))
  187     IEF653I SUBSTITUTION JCL - DISP=OLD,UNIT=3350,VOL=SER=WORK00
  203     IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
  204     IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
  205     IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
  206     IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,
  207     IEF653I SUBSTITUTION JCL - UNIT=SYSALLDA,SPACE=(CYL,(30,10,250))
  280     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
  281     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
  282     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
  283     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(80,(2,2))
  294     IEF653I SUBSTITUTION JCL - DISP=OLD,UNIT=3350,VOL=SER=WORK00
  310     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
  311     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
  312     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
  313     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,
  314     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(30,10,250))
  387     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
  388     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
  389     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
  390     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(80,(2,2))
  401     IEF653I SUBSTITUTION JCL - DISP=OLD,UNIT=3350,VOL=SER=WORK00
  417     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
  418     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
  419     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
  420     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,
  421     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(30,10,250))
  494     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
  495     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
  496     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
  497     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(80,(2,2))
  508     IEF653I SUBSTITUTION JCL - DISP=OLD,UNIT=3350,VOL=SER=WORK00
  524     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
  525     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
  526     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
  527     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,
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 528     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(30,10,250))
 601     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
 602     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
 603     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
 604     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(80,(2,2))
 615     IEF653I SUBSTITUTION JCL - DISP=OLD,UNIT=3350,VOL=SER=WORK00
 631     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
 632     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
 633     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
 634     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,
 635     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(30,10,250))
 708     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
 709     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
 710     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
 711     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(80,(2,2))
 722     IEF653I SUBSTITUTION JCL - DISP=OLD,UNIT=3350,VOL=SER=WORK00
 738     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
 739     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
 740     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
 741     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,
 742     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(30,10,250))
 815     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
 816     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
 817     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(1700,(600,100))
 818     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(80,(2,2))
 829     IEF653I SUBSTITUTION JCL - DISP=OLD,UNIT=3350,VOL=SER=WORK00
 845     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
 846     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
 847     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(5,10,84)),DCB=(BLKSIZE=3120,
 848     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(1,10,84)),DCB=(BLKSIZE=3120,
 849     IEF653I SUBSTITUTION JCL - UNIT=SYSDA,SPACE=(CYL,(30,10,250))
IEF236I ALLOC. FOR DYNPROC STEP1
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO SYSUT1
IEF237I 350  ALLOCATED TO SYSUT2
IEF237I JES2 ALLOCATED TO SYSIN
IEF142I DYNPROC STEP1 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   JES2.JOB00014.SO0114                    SYSOUT
IEF285I   JES2.JOB00014.SI0101                    SYSIN
IEF285I   SYS20149.T163232.RA000.DYNPROC.SMPMCS   PASSED        *--------7
IEF285I   VOL SER NOS= VSXRES.
IEF285I   JES2.JOB00014.SI0102                    SYSIN
IEF373I STEP /STEP1   / START 20149.1632
IEF374I STEP /STEP1   / STOP  20149.1632 CPU    0MIN 00.01SEC SRB    0MIN 00.00SEC VIRT    44K SYS   568K
**** JOBCARD READ 20149 16:32:32 ***********************************************************************************
*                                    PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS                              *
*  STEP NAME  STEP1       USER CORE          44K   TAPES USED/IO 000/000000000   START   TIME  16:32:32    TCB TIME  00:00:00.01  *
*  PGM  NAME  IEBGENER    SYSTEM CORE       568K   DISKS USED/IO 001/000000007   STOP    TIME  16:32:32    SRB TIME  00:00:00.00  *
*   COND CODE    0000     PRIVATE AREA SZ   5120K      ALLOC TIME  16:32:32      ELAPSED TIME                PGM LOAD  16:32:32   *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*   004            93   00:00:00.01            0             0         0             0              0            0             0  *
***********************************************************************************************************************
*  CPU $ (     0.00) + EXCP $ (     0.00) + MEMORY $ (     0.00) = TOTAL $ (     0.00)                              *
***********************************************************************************************************************
IEF236I ALLOC. FOR DYNPROC STEP2
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 350  ALLOCATED TO SYSUT1
IEF237I 350  ALLOCATED TO SYSUT2
IEF237I 252  ALLOCATED TO SYSUT3
IEF237I 150  ALLOCATED TO SYSLIB
IEF237I 250  ALLOCATED TO
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IEF237I 250  ALLOCATED TO
IEF237I 151  ALLOCATED TO
IEF237I 350  ALLOCATED TO SYSGO
IEF237I JES2 ALLOCATED TO SYSIN
IEF142I DYNPROC STEP2 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   JES2.JOB00014.SO0115                          SYSOUT
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000001       DELETED       *------918
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000002       DELETED       *------127
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000003       DELETED       *-------52
IEF285I   VOL SER NOS= WORK01.
IEF285I   SYS1.MACLIB                                   KEPT          *------121
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.SMPMTS                                   KEPT          *-------53
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AMODGEN                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.APVTMACS                                 KEPT          *--------3
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS20149.T163232.RA000.DYNPROC.SMPMCS         PASSED        *--------3
IEF285I   VOL SER NOS= VSXRES.
IEF285I   JES2.JOB00014.SI0103                          SYSIN
IEF373I STEP /STEP2   / START 20149.1632
IEF374I STEP /STEP2   / STOP  20149.1632 CPU    0MIN 00.73SEC SRB    0MIN 00.04SEC VIRT  2112K SYS   592K
********************************************************************************************************************
*                                        PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS                             *
*  STEP NAME  STEP2       USER CORE         2112K   TAPES USED/IO 000/000000000   START   TIME  16:32:32    TCB TIME  00:00:00.73  *
*  PGM  NAME  IFOX00      SYSTEM CORE        592K   DISKS USED/IO 005/000001277   STOP    TIME  16:32:33    SRB TIME  00:00:00.04  *
*   COND CODE    0000     PRIVATE AREA SZ   5120K       ALLOC TIME  16:32:32      ELAPSED TIME                PGM LOAD  16:32:32   *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*   004           7918   00:00:00.83             0              0         0              0               0             0  *
********************************************************************************************************************
*  CPU $ (     0.26) + EXCP $ (     1.72) + MEMORY $ (     4.39) = TOTAL $ (     6.37)                                 *
********************************************************************************************************************
IEF236I ALLOC. FOR DYNPROC STEP3
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO SYSUT1
IEF237I 350  ALLOCATED TO SYSUT2
IEF237I DMY  ALLOCATED TO SYSIN
IEF142I DYNPROC STEP3 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   JES2.JOB00014.SO0116                          SYSOUT
IEF285I   JES2.JOB00014.SI0104                          SYSIN
IEF285I   SYS20149.T163232.RA000.DYNPROC.SMPMCS         PASSED        *--------6
IEF285I   VOL SER NOS= VSXRES.
IEF373I STEP /STEP3   / START 20149.1632
IEF374I STEP /STEP3   / STOP  20149.1632 CPU    0MIN 00.01SEC SRB    0MIN 00.00SEC VIRT    44K SYS   572K
********************************************************************************************************************
*                                        PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS                             *
*  STEP NAME  STEP3       USER CORE           44K   TAPES USED/IO 000/000000000   START   TIME  16:32:33    TCB TIME  00:00:00.01  *
*  PGM  NAME  IEBGENER    SYSTEM CORE        572K   DISKS USED/IO 001/000000006   STOP    TIME  16:32:33    SRB TIME  00:00:00.00  *
*   COND CODE    0000     PRIVATE AREA SZ   5120K       ALLOC TIME  16:32:33      ELAPSED TIME                PGM LOAD  16:32:33   *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*   004             74   00:00:00.01             0              0         0              0               0             0  *
********************************************************************************************************************
*  CPU $ (     0.00) + EXCP $ (     0.00) + MEMORY $ (     0.00) = TOTAL $ (     0.00)                                 *
********************************************************************************************************************
IEF236I ALLOC. FOR DYNPROC HMASMP RECEIVE
IEF237I 350  ALLOCATED TO SYSUT1
IEF237I 350  ALLOCATED TO SYSUT2
IEF237I 350  ALLOCATED TO SYSUT3
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IEF237I 350  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 151  ALLOCATED TO SMPCDS
IEF237I 151  ALLOCATED TO SMPCRQ
IEF237I 250  ALLOCATED TO SMPMTS
IEF237I 250  ALLOCATED TO SMPPTS
IEF237I 250  ALLOCATED TO SMPSTS
IEF237I 151  ALLOCATED TO SMPSCDS
IEF237I 350  ALLOCATED TO SMPWRK1
IEF237I 350  ALLOCATED TO SMPWRK2
IEF237I 350  ALLOCATED TO SMPWRK3
IEF237I 350  ALLOCATED TO SMPWRK4
IEF237I 252  ALLOCATED TO SMPWRK5
IEF237I 350  ALLOCATED TO SMPPTFIN
IEF237I JES2 ALLOCATED TO SMPCNTL
IEF142I DYNPROC HMASMP RECEIVE - STEP WAS EXECUTED - COND CODE 0012
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000004      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000005      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000006      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000007      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   JES2.JOB00014.SO0117                         SYSOUT
IEF285I   JES2.JOB00014.SO0118                         SYSOUT
IEF285I   JES2.JOB00014.SO0119                         SYSOUT
IEF285I   JES2.JOB00014.SO0120                         SYSOUT
IEF285I   JES2.JOB00014.SO0121                         SYSOUT
IEF285I   JES2.JOB00014.SO0122                         SYSOUT
IEF285I   JES2.JOB00014.SO0123                         SYSOUT
IEF285I   JES2.JOB00014.SO0124                         SYSOUT
IEF285I   JES2.JOB00014.SO0125                         SYSOUT
IEF285I   SYS20149.T163232.RA000.DYNPROC.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.
IEF285I   SYS1.AMODGEN                                 KEPT          *--------0
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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= MVS000.
IEF285I   SYS1.SMPCRQ                                 KEPT          *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPMTS                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPPTS                                 KEPT          *----4,458
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSCDS                                KEPT          *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000009     DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000010     DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000011     DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000012     DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000013     DELETED       *--------0
IEF285I   VOL SER NOS= WORK01.
IEF285I   SYS20149.T163232.RA000.DYNPROC.SMPMCS       DELETED       *-------17
IEF285I   VOL SER NOS= VSXRES.
IEF285I   JES2.JOB00014.SI0105                        SYSIN
IEF373I STEP /HMASMP  / START 20149.1632
IEF374I STEP /HMASMP  / STOP  20149.1632 CPU    0MIN 00.31SEC SRB    0MIN 00.12SEC VIRT  1068K SYS   624K
********************************************************************************************************************
*                                        PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS                             *
*  STEP NAME  HMASMP      USER CORE         1068K   TAPES USED/IO 000/000000000   START   TIME  16:32:33    TCB TIME  00:00:00.31  *
*  PGM  NAME  HMASMP      SYSTEM CORE        624K   DISKS USED/IO 006/000004483   STOP    TIME  16:32:34    SRB TIME  00:00:00.12  *
*   COND CODE    0012     PRIVATE AREA SZ   5120K       ALLOC TIME  16:32:33      ELAPSED TIME                PGM LOAD  16:32:33   *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*   004          22851   00:00:00.49             0             0         0              0              0             0            0  *
********************************************************************************************************************
*  CPU $ (     0.11) + EXCP $ (     6.05) + MEMORY $ (     0.94) = TOTAL $ (     7.10)                                 *
********************************************************************************************************************
IEF236I ALLOC. FOR DYNPROC HMASMP APPLY1CK
IEF237I 350  ALLOCATED TO SYSUT1
IEF237I 350  ALLOCATED TO SYSUT2
IEF237I 350  ALLOCATED TO SYSUT3
IEF237I 350  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
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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 151  ALLOCATED TO SMPCDS
IEF237I 151  ALLOCATED TO SMPCRQ
IEF237I 250  ALLOCATED TO SMPMTS
IEF237I 250  ALLOCATED TO SMPPTS
IEF237I 250  ALLOCATED TO SMPSTS
IEF237I 151  ALLOCATED TO SMPSCDS
IEF237I 350  ALLOCATED TO SMPWRK1
IEF237I 350  ALLOCATED TO SMPWRK2
IEF237I 350  ALLOCATED TO SMPWRK3
IEF237I 350  ALLOCATED TO SMPWRK4
IEF237I 252  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
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
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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 250  ALLOCATED TO AGENLIB
IEF237I 150  ALLOCATED TO LPALIB
IEF237I JES2 ALLOCATED TO SMPCNTL
IEF142I DYNPROC HMASMP APPLY1CK - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000014      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000015      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000016      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000017      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   JES2.JOB00014.SO0126                         SYSOUT
IEF285I   JES2.JOB00014.SO0127                         SYSOUT
IEF285I   JES2.JOB00014.SO0128                         SYSOUT
IEF285I   JES2.JOB00014.SO0129                         SYSOUT
IEF285I   JES2.JOB00014.SO0130                         SYSOUT
IEF285I   JES2.JOB00014.SO0131                         SYSOUT
IEF285I   JES2.JOB00014.SO0132                         SYSOUT
IEF285I   JES2.JOB00014.SO0133                         SYSOUT
IEF285I   JES2.JOB00014.SO0134                         SYSOUT
IEF285I   SYS20149.T163232.RA000.DYNPROC.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.
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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         *----5,070
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPCRQ                                 KEPT         *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPMTS                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPPTS                                 KEPT         *-------62
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSCDS                                KEPT         *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000019      DELETED      *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000020      DELETED      *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000021      DELETED      *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000022      DELETED      *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000023      DELETED      *--------0
IEF285I   VOL SER NOS= WORK01.
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
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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.
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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          *--------0
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   SYS1.AGENLIB                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.LPALIB                               KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   JES2.JOB00014.SI0106                      SYSIN
IEF373I STEP /HMASMP  / START 20149.1632
IEF374I STEP /HMASMP  / STOP  20149.1632 CPU    0MIN 01.03SEC SRB    0MIN 00.14SEC VIRT  5120K SYS   652K
********************************************************************************************************************
*                                      PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS                             *
*  STEP NAME  HMASMP      USER CORE        5120K   TAPES USED/IO 000/000000000   START   TIME  16:32:34    TCB TIME  00:00:01.03  *
*  PGM  NAME  HMASMP      SYSTEM CORE       652K   DISKS USED/IO 006/000005136   STOP    TIME  16:32:35    SRB TIME  00:00:00.14  *
*   COND CODE    0000     PRIVATE AREA SZ   5120K       ALLOC TIME  16:32:34      ELAPSED TIME                PGM LOAD  16:32:34   *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*   004          27182   00:00:01.20            0             0         0             0              0             0            0  *
********************************************************************************************************************
*  CPU $ (     0.37) + EXCP $ (     6.93) + MEMORY $ (    15.02) = TOTAL $ (    22.32)                              *
********************************************************************************************************************
IEF236I ALLOC. FOR DYNPROC HMASMP APPLY1
IEF237I 350  ALLOCATED TO SYSUT1
IEF237I 224  ALLOCATED TO SYSUT2
IEF237I 222  ALLOCATED TO SYSUT3
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IEF237I 223  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 151  ALLOCATED TO SMPCDS
IEF237I 151  ALLOCATED TO SMPCRQ
IEF237I 250  ALLOCATED TO SMPMTS
IEF237I 250  ALLOCATED TO SMPPTS
IEF237I 250  ALLOCATED TO SMPSTS
IEF237I 151  ALLOCATED TO SMPSCDS
IEF237I 225  ALLOCATED TO SMPWRK1
IEF237I 220  ALLOCATED TO SMPWRK2
IEF237I 221  ALLOCATED TO SMPWRK3
IEF237I 224  ALLOCATED TO SMPWRK4
IEF237I 225  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
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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 250  ALLOCATED TO AGENLIB
IEF237I 150  ALLOCATED TO LPALIB
IEF237I JES2 ALLOCATED TO SMPCNTL
IEF142I DYNPROC HMASMP APPLY1 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000024      DELETED       *-------12
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000025      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW5.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000026      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW3.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000027      DELETED       *--------0
IEF285I   VOL SER NOS= SORTW4.
IEF285I   JES2.JOB00014.SO0135                         SYSOUT
IEF285I   JES2.JOB00014.SO0136                         SYSOUT
IEF285I   JES2.JOB00014.SO0137                         SYSOUT
IEF285I   JES2.JOB00014.SO0138                         SYSOUT
IEF285I   JES2.JOB00014.SO0139                         SYSOUT
IEF285I   JES2.JOB00014.SO0140                         SYSOUT
IEF285I   JES2.JOB00014.SO0141                         SYSOUT
IEF285I   JES2.JOB00014.SO0142                         SYSOUT
IEF285I   JES2.JOB00014.SO0143                         SYSOUT
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000028      KEPT          *--------0
IEF285I   VOL SER NOS= WORK00.
IEF285I   SYS1.SMPMTS                                  KEPT          *--------0
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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         *---18,126
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPCRQ                                KEPT         *-------61
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPMTS                                KEPT         *-------26
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPPTS                                KEPT         *-------83
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSCDS                               KEPT         *-------10
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000029    DELETED      *-------63
IEF285I   VOL SER NOS= SORTW6.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000030    DELETED      *--------0
IEF285I   VOL SER NOS= SORTW1.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000031    DELETED      *-------13
IEF285I   VOL SER NOS= SORTW2.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000032    DELETED      *--------0
IEF285I   VOL SER NOS= SORTW5.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000033    DELETED      *--------0
IEF285I   VOL SER NOS= SORTW6.
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.
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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
```

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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          *-------35
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.LINKLIB                           KEPT          *--------0
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   SYS1.AGENLIB                           KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.LPALIB                            KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   JES2.JOB00014.SI0107                   SYSIN
IEF373I STEP /HMASMP  / START 20149.1632
IEF374I STEP /HMASMP  / STOP  20149.1632 CPU    0MIN 02.27SEC SRB    0MIN 00.47SEC VIRT  5120K SYS   692K
********************************************************************************************************************
*                                      PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS                             *
*  STEP NAME  HMASMP      USER CORE        5120K   TAPES USED/IO 000/000000000   START   TIME  16:32:35    TCB TIME  00:00:02.27  *
*  PGM  NAME  HMASMP      SYSTEM CORE       692K   DISKS USED/IO 011/000018433   STOP    TIME  16:32:38    SRB TIME  00:00:00.47  *
*   COND CODE    0000     PRIVATE AREA SZ   5120K       ALLOC TIME  16:32:35      ELAPSED TIME                PGM LOAD  16:32:35   *
```

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** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*   004          96021   00:00:02.97            0             0         0              0              0             0             0  *
*********************************************************************************************************************************
*  CPU $ (     0.81) + EXCP $ (    24.88) + MEMORY $ (    33.12) = TOTAL $ (    58.81)                                            *
*********************************************************************************************************************************
IEF236I ALLOC. FOR DYNPROC HMASMP APPLY2CK
IEF237I 350  ALLOCATED TO SYSUT1
IEF237I 350  ALLOCATED TO SYSUT2
IEF237I 350  ALLOCATED TO SYSUT3
IEF237I 350  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 151  ALLOCATED TO SMPCDS
IEF237I 151  ALLOCATED TO SMPCRQ
IEF237I 250  ALLOCATED TO SMPMTS
IEF237I 250  ALLOCATED TO SMPPTS
IEF237I 250  ALLOCATED TO SMPSTS
IEF237I 151  ALLOCATED TO SMPSCDS
IEF237I 350  ALLOCATED TO SMPWRK1
IEF237I 350  ALLOCATED TO SMPWRK2
IEF237I 350  ALLOCATED TO SMPWRK3
IEF237I 350  ALLOCATED TO SMPWRK4
IEF237I 252  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
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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 250  ALLOCATED TO AGENLIB
IEF237I 150  ALLOCATED TO LPALIB
IEF237I JES2 ALLOCATED TO SMPCNTL
IEF142I DYNPROC HMASMP APPLY2CK - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000034      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000035      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000036      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000037      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   JES2.JOB00014.SO0144                         SYSOUT
IEF285I   JES2.JOB00014.SO0145                         SYSOUT
IEF285I   JES2.JOB00014.SO0146                         SYSOUT
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IEF285I   JES2.JOB00014.SO0147                          SYSOUT
IEF285I   JES2.JOB00014.SO0148                          SYSOUT
IEF285I   JES2.JOB00014.SO0149                          SYSOUT
IEF285I   JES2.JOB00014.SO0150                          SYSOUT
IEF285I   JES2.JOB00014.SO0151                          SYSOUT
IEF285I   JES2.JOB00014.SO0152                          SYSOUT
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000038       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          *----5,012
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPCRQ                                   KEPT          *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPMTS                                   KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPPTS                                   KEPT          *-------21
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                   KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSCDS                                  KEPT          *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000039       DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000040       DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000041       DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000042       DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000043       DELETED       *--------0
IEF285I   VOL SER NOS= WORK01.
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
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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.
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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          *--------0
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   SYS1.AGENLIB                              KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.LPALIB                               KEPT          *--------0
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IEF285I   VOL SER NOS= MVSRES.
IEF285I   JES2.JOB00014.SI0108                        SYSIN
IEF373I STEP /HMASMP  / START 20149.1632
IEF374I STEP /HMASMP  / STOP  20149.1632 CPU    0MIN 00.99SEC SRB    0MIN 00.14SEC VIRT  5120K SYS   684K
********************************************************************************************************************
*                                        PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS                           *
*  STEP NAME  HMASMP      USER CORE         5120K   TAPES USED/IO 000/000000000   START   TIME  16:32:38    TCB TIME  00:00:00.99  *
*  PGM  NAME  HMASMP      SYSTEM CORE        684K   DISKS USED/IO 006/000005037   STOP    TIME  16:32:39    SRB TIME  00:00:00.14  *
*   COND CODE    0000     PRIVATE AREA SZ   5120K       ALLOC TIME  16:32:38      ELAPSED TIME                PGM LOAD  16:32:38   *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*   004          26638   00:00:01.15            0             0         0             0              0             0  *
********************************************************************************************************************
*  CPU $ (     0.35) + EXCP $ (     6.79) + MEMORY $ (    14.44) = TOTAL $ (    21.58)                              *
********************************************************************************************************************
IEF236I ALLOC. FOR DYNPROC HMASMP APPLY2
IEF237I 350  ALLOCATED TO SYSUT1
IEF237I 350  ALLOCATED TO SYSUT2
IEF237I 350  ALLOCATED TO SYSUT3
IEF237I 350  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 151  ALLOCATED TO SMPCDS
IEF237I 151  ALLOCATED TO SMPCRQ
IEF237I 250  ALLOCATED TO SMPMTS
IEF237I 250  ALLOCATED TO SMPPTS
IEF237I 250  ALLOCATED TO SMPSTS
IEF237I 151  ALLOCATED TO SMPSCDS
IEF237I 350  ALLOCATED TO SMPWRK1
IEF237I 350  ALLOCATED TO SMPWRK2
IEF237I 350  ALLOCATED TO SMPWRK3
IEF237I 350  ALLOCATED TO SMPWRK4
IEF237I 252  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
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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 250  ALLOCATED TO AGENLIB
IEF237I 150  ALLOCATED TO LPALIB
IEF237I JES2 ALLOCATED TO SMPCNTL
IEF142I DYNPROC HMASMP APPLY2 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000044      DELETED       *-------32
IEF285I   VOL SER NOS= VSXRES.
```

```
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000045      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000046      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000047      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   JES2.JOB00014.SO0153                         SYSOUT
IEF285I   JES2.JOB00014.SO0154                         SYSOUT
IEF285I   JES2.JOB00014.SO0155                         SYSOUT
IEF285I   JES2.JOB00014.SO0156                         SYSOUT
IEF285I   JES2.JOB00014.SO0157                         SYSOUT
IEF285I   JES2.JOB00014.SO0158                         SYSOUT
IEF285I   JES2.JOB00014.SO0159                         SYSOUT
IEF285I   JES2.JOB00014.SO0160                         SYSOUT
IEF285I   JES2.JOB00014.SO0161                         SYSOUT
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000048      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          *---11,531
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPCRQ                                  KEPT          *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPMTS                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPPTS                                  KEPT          *-------28
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSCDS                                 KEPT          *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000049      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000050      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000051      DELETED       *-------10
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000052      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000053      DELETED       *--------0
IEF285I   VOL SER NOS= WORK01.
IEF285I   SYS1.ACMDLIB                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AGENLIB                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
```

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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
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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          *-------40
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.LINKLIB                            KEPT          *--------0
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.
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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   SYS1.AGENLIB                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.LPALIB                                   KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   JES2.JOB00014.SI0109                          SYSIN
IEF373I STEP /HMASMP  / START 20149.1632
IEF374I STEP /HMASMP  / STOP  20149.1632 CPU    0MIN 01.63SEC SRB    0MIN 00.29SEC VIRT  5120K SYS   700K
*************************************************************************************************************
*                                        PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS                    *
*  STEP NAME  HMASMP      USER CORE          5120K   TAPES USED/IO 000/000000000   START   TIME  16:32:39    TCB TIME  00:00:01.63  *
*  PGM  NAME  HMASMP      SYSTEM CORE         700K   DISKS USED/IO 006/000011645   STOP    TIME  16:32:41    SRB TIME  00:00:00.29  *
*   COND CODE    0000     PRIVATE AREA SZ    5120K       ALLOC TIME  16:32:39      ELAPSED TIME                PGM LOAD  16:32:39   *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*   004          60830   00:00:02.05            0             0         0             0              0             0            0  *
*************************************************************************************************************
*  CPU $ (     0.58) + EXCP $ (    15.72) + MEMORY $ (    23.78) = TOTAL $ (    40.08)                          *
*************************************************************************************************************
IEF236I ALLOC. FOR DYNPROC HMASMP RESTORE
IEF237I 350  ALLOCATED TO SYSUT1
IEF237I 350  ALLOCATED TO SYSUT2
IEF237I 350  ALLOCATED TO SYSUT3
IEF237I 350  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 151  ALLOCATED TO SMPCDS
IEF237I 151  ALLOCATED TO SMPCRQ
IEF237I 250  ALLOCATED TO SMPMTS
IEF237I 250  ALLOCATED TO SMPPTS
IEF237I 250  ALLOCATED TO SMPSTS
IEF237I 151  ALLOCATED TO SMPSCDS
IEF237I 350  ALLOCATED TO SMPWRK1
IEF237I 350  ALLOCATED TO SMPWRK2
IEF237I 350  ALLOCATED TO SMPWRK3
IEF237I 350  ALLOCATED TO SMPWRK4
IEF237I 252  ALLOCATED TO SMPWRK5
IEF237I 250  ALLOCATED TO ACMDLIB
IEF237I 250  ALLOCATED TO AGENLIB
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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
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
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IEF237I 250  ALLOCATED TO UMODLIB
IEF237I 250  ALLOCATED TO UMODOBJ
IEF237I 150  ALLOCATED TO VTAMLIB
IEF237I 250  ALLOCATED TO AGENLIB
IEF237I 150  ALLOCATED TO LPALIB
IEF237I JES2 ALLOCATED TO SMPCNTL
IEF142I DYNPROC HMASMP RESTORE - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000054      DELETED       *-------11
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000055      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000056      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000057      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   JES2.JOB00014.SO0162                         SYSOUT
IEF285I   JES2.JOB00014.SO0163                         SYSOUT
IEF285I   JES2.JOB00014.SO0164                         SYSOUT
IEF285I   JES2.JOB00014.SO0165                         SYSOUT
IEF285I   JES2.JOB00014.SO0166                         SYSOUT
IEF285I   JES2.JOB00014.SO0167                         SYSOUT
IEF285I   JES2.JOB00014.SO0168                         SYSOUT
IEF285I   JES2.JOB00014.SO0169                         SYSOUT
IEF285I   JES2.JOB00014.SO0170                         SYSOUT
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000058      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          *----2,850
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPACRQ                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPCDS                                  KEPT          *---17,872
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPCRQ                                  KEPT          *--------1
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPMTS                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPPTS                                  KEPT          *------386
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSCDS                                 KEPT          *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000059      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000060      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000061      DELETED       *--------0
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```
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000062      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000063      DELETED       *--------0
IEF285I   VOL SER NOS= WORK01.
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          *--------9
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.
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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          *-------36
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.LINKLIB                                KEPT          *--------0
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
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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   SYS1.AGENLIB                                KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.LPALIB                                 KEPT         *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   JES2.JOB00014.SI0110                        SYSIN
IEF373I STEP /HMASMP  / START 20149.1632
IEF374I STEP /HMASMP  / STOP  20149.1632 CPU    0MIN 04.69SEC SRB    0MIN 00.62SEC VIRT  5120K SYS   736K
********************************************************************************************************************
*                                        PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS                             *
*  STEP NAME  HMASMP      USER CORE         5120K   TAPES USED/IO 000/000000000   START   TIME  16:32:41    TCB TIME  00:00:04.69  *
*  PGM  NAME  HMASMP      SYSTEM CORE        736K   DISKS USED/IO 006/000021165   STOP    TIME  16:32:47    SRB TIME  00:00:00.62  *
*   COND CODE    0000     PRIVATE AREA SZ   5120K       ALLOC TIME  16:32:41      ELAPSED TIME                PGM LOAD  16:32:42   *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*   004         114077   00:00:05.58            0             0         0             0             0            0  *
********************************************************************************************************************
*  CPU $ (     1.68) + EXCP $ (    28.57) + MEMORY $ (    68.43) = TOTAL $ (    98.68)                               *
********************************************************************************************************************
IEF236I ALLOC. FOR DYNPROC HMASMP APPLY3CK
IEF237I 350  ALLOCATED TO SYSUT1
IEF237I 350  ALLOCATED TO SYSUT2
IEF237I 350  ALLOCATED TO SYSUT3
IEF237I 350  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 151  ALLOCATED TO SMPCDS
IEF237I 151  ALLOCATED TO SMPCRQ
IEF237I 250  ALLOCATED TO SMPMTS
IEF237I 250  ALLOCATED TO SMPPTS
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IEF237I 250  ALLOCATED TO SMPSTS
IEF237I 151  ALLOCATED TO SMPSCDS
IEF237I 350  ALLOCATED TO SMPWRK1
IEF237I 350  ALLOCATED TO SMPWRK2
IEF237I 350  ALLOCATED TO SMPWRK3
IEF237I 350  ALLOCATED TO SMPWRK4
IEF237I 252  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
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
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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 250  ALLOCATED TO AGENLIB
IEF237I 150  ALLOCATED TO LPALIB
IEF237I JES2 ALLOCATED TO SMPCNTL
IEF142I DYNPROC HMASMP APPLY3CK - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000064      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000065      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000066      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000067      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   JES2.JOB00014.SO0171                         SYSOUT
IEF285I   JES2.JOB00014.SO0172                         SYSOUT
IEF285I   JES2.JOB00014.SO0173                         SYSOUT
IEF285I   JES2.JOB00014.SO0174                         SYSOUT
IEF285I   JES2.JOB00014.SO0175                         SYSOUT
IEF285I   JES2.JOB00014.SO0176                         SYSOUT
IEF285I   JES2.JOB00014.SO0177                         SYSOUT
IEF285I   JES2.JOB00014.SO0178                         SYSOUT
IEF285I   JES2.JOB00014.SO0179                         SYSOUT
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000068      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          *----5,025
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPCRQ                                  KEPT          *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPMTS                                  KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPPTS                                  KEPT          *-------49
IEF285I   VOL SER NOS= SMP000.
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IEF285I   SYS1.SMPSTS                                KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSCDS                               KEPT         *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000069    DELETED      *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000070    DELETED      *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000071    DELETED      *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000072    DELETED      *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000073    DELETED      *--------0
IEF285I   VOL SER NOS= WORK01.
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
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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          *--------0
IEF285I   VOL SER NOS= MVSRES.
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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   SYS1.AGENLIB                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.LPALIB                                  KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   JES2.JOB00014.SI0111                         SYSIN
IEF373I STEP /HMASMP  / START 20149.1632
IEF374I STEP /HMASMP  / STOP  20149.1632 CPU    0MIN 01.00SEC SRB    0MIN 00.13SEC VIRT  5120K SYS   732K
*********************************************************************************************************
*                                        PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS                *
*  STEP NAME  HMASMP      USER CORE         5120K   TAPES USED/IO 000/000000000   START   TIME  16:32:47    TCB TIME  00:00:01.00  *
*  PGM  NAME  HMASMP      SYSTEM CORE        732K   DISKS USED/IO 006/000005078   STOP    TIME  16:32:49    SRB TIME  00:00:00.13  *
*   COND CODE    0000     PRIVATE AREA SZ   5120K       ALLOC TIME  16:32:47      ELAPSED TIME                PGM LOAD  16:32:47   *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*   004          26906   00:00:01.17            0             0         0             0              0             0            0  *
*********************************************************************************************************
*  CPU $ (     0.36) + EXCP $ (     6.85) + MEMORY $ (    14.59) = TOTAL $ (    21.80)                      *
*********************************************************************************************************
IEF236I ALLOC. FOR DYNPROC HMASMP APPLY3
IEF237I 350  ALLOCATED TO SYSUT1
IEF237I 350  ALLOCATED TO SYSUT2
IEF237I 350  ALLOCATED TO SYSUT3
IEF237I 350  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
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IEF237I 250  ALLOCATED TO
IEF237I 250  ALLOCATED TO
IEF237I 151  ALLOCATED TO
IEF237I 250  ALLOCATED TO SMPACDS
IEF237I 250  ALLOCATED TO SMPACRQ
IEF237I 151  ALLOCATED TO SMPCDS
IEF237I 151  ALLOCATED TO SMPCRQ
IEF237I 250  ALLOCATED TO SMPMTS
IEF237I 250  ALLOCATED TO SMPPTS
IEF237I 250  ALLOCATED TO SMPSTS
IEF237I 151  ALLOCATED TO SMPSCDS
IEF237I 350  ALLOCATED TO SMPWRK1
IEF237I 350  ALLOCATED TO SMPWRK2
IEF237I 350  ALLOCATED TO SMPWRK3
IEF237I 350  ALLOCATED TO SMPWRK4
IEF237I 252  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
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
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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 250  ALLOCATED TO AGENLIB
IEF237I 150  ALLOCATED TO LPALIB
IEF237I JES2 ALLOCATED TO SMPCNTL
IEF142I DYNPROC HMASMP APPLY3 - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000074      DELETED       *------228
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000075      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000076      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000077      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   JES2.JOB00014.SO0180                         SYSOUT
IEF285I   JES2.JOB00014.SO0181                         SYSOUT
IEF285I   JES2.JOB00014.SO0182                         SYSOUT
IEF285I   JES2.JOB00014.SO0183                         SYSOUT
IEF285I   JES2.JOB00014.SO0184                         SYSOUT
IEF285I   JES2.JOB00014.SO0185                         SYSOUT
IEF285I   JES2.JOB00014.SO0186                         SYSOUT
IEF285I   JES2.JOB00014.SO0187                         SYSOUT
IEF285I   JES2.JOB00014.SO0188                         SYSOUT
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000078      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
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IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPCDS                                KEPT          *---11,564
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPCRQ                                KEPT          *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPMTS                                KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPPTS                                KEPT          *-------70
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSCDS                               KEPT          *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000079     DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000080     DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000081     DELETED       *-------30
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000082     DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000083     DELETED       *--------0
IEF285I   VOL SER NOS= WORK01.
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.
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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
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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          *------218
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.LINKLIB                           KEPT          *--------0
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   SYS1.AGENLIB                           KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.LPALIB                            KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   JES2.JOB00014.SI0112                   SYSIN
IEF373I STEP /HMASMP  / START 20149.1632
IEF374I STEP /HMASMP  / STOP  20149.1632 CPU    0MIN 01.70SEC SRB    0MIN 00.31SEC VIRT  5120K SYS   748K
********************************************************************************************************************
*                                        PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS                             *
*  STEP NAME  HMASMP      USER CORE         5120K   TAPES USED/IO 000/000000000   START   TIME  16:32:49    TCB TIME  00:00:01.70  *
*  PGM  NAME  HMASMP      SYSTEM CORE        748K   DISKS USED/IO 006/000012114   STOP    TIME  16:32:51    SRB TIME  00:00:00.31  *
*   COND CODE    0000     PRIVATE AREA SZ   5120K       ALLOC TIME  16:32:49      ELAPSED TIME                PGM LOAD  16:32:49   *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*   004          63391   00:00:02.14            0             0          0             0              0             0            0  *
********************************************************************************************************************
*  CPU $ (     0.61) + EXCP $ (    16.35) + MEMORY $ (    24.80) = TOTAL $ (    41.76)                                 *
********************************************************************************************************************
IEF236I ALLOC. FOR DYNPROC HMASMP ACCEPT
IEF237I 350  ALLOCATED TO SYSUT1
IEF237I 350  ALLOCATED TO SYSUT2
IEF237I 350  ALLOCATED TO SYSUT3
IEF237I 350  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
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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 151  ALLOCATED TO SMPCDS
IEF237I 151  ALLOCATED TO SMPCRQ
IEF237I 250  ALLOCATED TO SMPMTS
IEF237I 250  ALLOCATED TO SMPPTS
IEF237I 250  ALLOCATED TO SMPSTS
IEF237I 151  ALLOCATED TO SMPSCDS
IEF237I 350  ALLOCATED TO SMPWRK1
IEF237I 350  ALLOCATED TO SMPWRK2
IEF237I 350  ALLOCATED TO SMPWRK3
IEF237I 350  ALLOCATED TO SMPWRK4
IEF237I 252  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
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
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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 250  ALLOCATED TO AGENLIB
IEF237I 150  ALLOCATED TO LPALIB
IEF237I JES2 ALLOCATED TO SMPCNTL
IEF142I DYNPROC HMASMP ACCEPT - STEP WAS EXECUTED - COND CODE 0004
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000084      DELETED       *------245
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000085      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000086      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000087      DELETED       *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   JES2.JOB00014.SO0189                         SYSOUT
IEF285I   JES2.JOB00014.SO0190                         SYSOUT
IEF285I   JES2.JOB00014.SO0191                         SYSOUT
IEF285I   JES2.JOB00014.SO0192                         SYSOUT
IEF285I   JES2.JOB00014.SO0193                         SYSOUT
IEF285I   JES2.JOB00014.SO0194                         SYSOUT
IEF285I   JES2.JOB00014.SO0195                         SYSOUT
IEF285I   JES2.JOB00014.SO0196                         SYSOUT
IEF285I   JES2.JOB00014.SO0197                         SYSOUT
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000088      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         *----8,784
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPACRQ                                KEPT         *-------51
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPCDS                                 KEPT         *-------53
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPCRQ                                 KEPT         *--------0
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS1.SMPMTS                                 KEPT         *--------4
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPPTS                                 KEPT         *---11,004
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSTS                                 KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.SMPSCDS                                KEPT         *--------8
IEF285I   VOL SER NOS= MVS000.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000089     DELETED      *-------63
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000090     DELETED      *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000091     DELETED      *-------43
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000092     DELETED      *--------0
IEF285I   VOL SER NOS= VSXRES.
IEF285I   SYS20149.T163232.RA000.DYNPROC.R0000093     DELETED      *--------0
IEF285I   VOL SER NOS= WORK01.
IEF285I   SYS1.ACMDLIB                                KEPT         *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.AGENLIB                                KEPT         *------678
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          *----3,528
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.
```

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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          *--------0
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   SYS1.AGENLIB                                 KEPT          *--------0
IEF285I   VOL SER NOS= SMP000.
IEF285I   SYS1.LPALIB                                  KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   JES2.JOB00014.SI0113                         SYSIN
IEF373I STEP /HMASMP  / START 20149.1632
IEF374I STEP /HMASMP  / STOP  20149.1632 CPU    0MIN 03.15SEC SRB    0MIN 00.90SEC VIRT  5120K SYS   772K
********************************************************************************************************************
*                                        PRC-CCI  370/148 VS2 R03.8  HMVS  STEP STATISTICS                           *
*  STEP NAME  HMASMP      USER CORE         5120K   TAPES USED/IO 000/000000000   START   TIME  16:32:51    TCB TIME  00:00:03.15  *
*  PGM  NAME  HMASMP      SYSTEM CORE        772K   DISKS USED/IO 006/000024461   STOP    TIME  16:32:56    SRB TIME  00:00:00.90  *
*   COND CODE    0004     PRIVATE AREA SZ   5120K       ALLOC TIME  16:32:51      ELAPSED TIME                PGM LOAD  16:32:51   *
** PGNO * NR SRV UNITS * ACTIVE TIME ** PAGES IN *** PAGES OUT ** # SWAPS * PGS SWAP IN * PGS SWAP OUT * VIO PGS IN * VIO PGS OUT **
*   004         128600   00:00:04.75           0            0          0            0             0             0            0  *
********************************************************************************************************************
*  CPU $ (     1.13) + EXCP $ (    33.02) + MEMORY $ (    45.96) = TOTAL $ (    80.11)                                 *
********************************************************************************************************************
IEF375I  JOB /DYNPROC / START 20149.1632
IEF376I  JOB /DYNPROC / STOP  20149.1632 CPU    0MIN 17.52SEC SRB    0MIN 03.16SEC
```

PROCESSING ENDED AT EOD

SYMBOL TYPE ID ADDR LENGTH LDID ASM 0201 16.32 05/28/20

SYMBOL	TYPE	ID	ADDR	LENGTH	LDID
IEFVPP	SD	0001	000000	001721	
IEFVPP0	LD		00004E		0001
IEFVPP1	LD		000316		0001
IEFVPP2	LD		000736		0001
IEFVPP3	LD		00096A		0001
IEFVPP4	LD		0002E8		0001
IEFVPP5	LD		000DB4		0001
IEFVPPM	LD		000EF8		0001
TRACE	ER	0002			
IEFVHA	ER	0003			

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20
                                     2 ************************************************************************
                                     3 *                                                                      *
                                     4 *        IEFVPP                                                        *
                                     5 *        ******                                                        *
                                     6 *                                                                      *
                                     7 *        VERSION 4, RELEASE 1, MODIFICATION 0                          *
                                     8 *        ******* ** ******* ** ************ *                          *
                                     9 *                                                                      *
                                    10 * MODIFIED TO SUPPORT MVS3.8J TURNKEY 3 SYSTEM 2/17/03                *
                                    11 * THIS VERSION WAS MODIFIED 02/17/03 BY BRIAN WESTERMAN                *
                                    12 *                                       SYZYGY INCORPORTED            *
                                    13 *                                       897 OAK PARK BLVD - 500       *
                                    14 *                                       PISMO BEACH, CA 93449         *
                                    15 *                                  PHONE (800) 767-2244 FAX (800) 366-4082 *
                                    16 *                                                                     *
                                    17 * THIS CSECT CONTAINS THE PRIVATE PROCEDURE LIBRARY SUPPORT ROUTINES. *
                                    18 *                                                                     *
                                    19 * THIS PROGRAM IS A REWRITE OF THE USER PROCLIB SUPPORT PROGRAM       *
                                    20 * UPROCRDR, WHICH HAD BEEN IN USE AT THE MUTUAL LIFE OF CANADA ON     *
                                    21 * OS/MVT SINCE MARCH OF 1972.                                         *
                                    22 *                                                                     *
                                    23 * THIS CODE HAS BEEN SUBSTANTIALLY MODIFIED BY THE AMDAHL CORPORATE   *
                                    24 * COMPUTER CENTER TO SIMPLIFY THE MODIFICATIONS NECESSARY TO          *
                                    25 * IBM CODE IN ORDER TO IMPLEMENT AND INSTALL THIS CODE.              *
                                    26 * ADDITIONAL FEATURES ADDED ARE CLEANUP RECOVERY, MULTIPLE           *
                                    27 * CONVERTER SUPPORT, MVS/SE RELEASE 2 COMPATIBILITY, AND MVS/SP      *
                                    28 * VERSION 1, RELEASE 3.2 SUPPORT.  IT IS ANTICIPATED THAT ONLY      *
                                    29 * MINIMAL CHANGES WILL BE NECESSARY FOR MVS/SP VERSION 2 (MVS/XA).   *
                                    30 *                                                                     *
                                    31 ************************************************************************
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20
                                    33 ************************************************************************
                                    34 *                                                                      *
                                    35 * ENTRIES:                                                             *
                                    36 *        IEFVPP0 - (FROM IEFVH1)  - INITIALIZATION PROCESSING          *
                                    37 *        IEFVPP1 - (FROM IEFVFA)  - //JOBPROC VALIDATE & ALLOCATE      *
                                    38 *        IEFVPP2 - (FROM IEFVFA)  - JOBPROC CONCATENATE & OPEN         *
                                    39 *        IEFVPP3 - (FROM IEFVHF)  - CLEANUP AT JOB PROCESSING END      *
                                    40 *        IEFVPP4 - (FROM IEFVFA)  - COMBINED LINKAGE FROM IEFVFA       *
                                    41 *                                   TO IEFVPP1 AND IEFVPP2             *
                                    42 *        IEFVPP5 - (FROM IEFVFA)  - INTERFACE TO IEFUJV FOR THE        *
                                    43 *                                   INTERNAL TEXT EXIT (TYPE 64)       *
                                    44 *        IEFVPPM - (FROM IEFVPP)  - LOCAL VERSION OF IEFVGM TO         *
                                    45 *                                   ELIMINATE DEPENDENCE ON IBM CODE   *
                                    46 *                                                                      *
                                    47 * ATTRIBUTES:                                                         *
                                    48 *        REENTRANT, REFRESHABLE.                                       *
                                    49 *                                                                      *
                                    50 * EXTERNALS:                                                          *
                                    51 *        NONE.                                                         *
                                    52 *                                                                      *
                                    53 * EXITS:                                                              *
                                    54 *        ALWAYS RETURN TO CALLER WITH ALL REGS EXCEPT R15 RESTORED.    *
                                    55 *        IEFVPP0 BRANCHES TO IEFVHA AND DOES NOT RETURN TO CALLER.     *
                                    56 *        IEFVPP5 BRANCHES TO IEFUJV WHICH WILL DO THE RETURN.          *
                                    57 *        IN AN MVS/SE2 ENVIRONMENT, IEFVPP5 RETURNS TO CALLER.         *
                                    58 *        SEE COMMENTS AT EACH INDIVIDUAL ENTRY POINT FOR MORE          *
                                    59 *        INFORMATION.                                                  *
                                    60 *                                                                      *
                                    61 ************************************************************************
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20
                                    63 ************************************************************************
                                    64 *                                                                      *
                                    65 *     1) ALL ENTRY POINTS EXCEPT IEFVPP0 ARE ENTERED VIA A STANDARD    *
                                    66 *           OS/VS CALL "MACRO".  IEFVPP0 IS ENTERED BY CHANGING        *
                                    67 *           THE BRANCH TO IEFVHA FROM IEFVH1 VIA THE LINKAGE EDITOR.   *
                                    68 *           ALL ENTRIES (EXCEPT IEFVPP5) TEST THE "PPINITC"            *
                                    69 *           SWITCH IN THE PRIVATE PROCLIB WORK AREA BEFORE             *
                                    70 *           PERFORMING ANY PROCESSING.                                 *
                                    71 *                                                                      *
                                    72 *           THE USER PROCLIB SUPPORT CODE CAN THEREFORE BE DISABLED    *
                                    73 *           BY SIMPLY ALTERING IEFVPP0 NOT TO TURN ON "PPINITC".       *
                                    74 *           IEFVPP0 MUST ALWAYS BE ENTERED AS IT BUILDS THE ENTRY      *
                                    75 *           POINTS FOR ALL THE OTHER ROUTINES IN THE CONVERTER          *
                                    76 *           WORK AREA.                                                 *
                                    77 *                                                                      *
                                    78 *     2) ALL ROUTINES EXPECT R12 TO PERMANENTLY ADDRESS THE CWA.       *
                                    79 *                                                                      *
                                    80 *     3) A RESERVED FULL WORD MUST BE AVAILABLE IN THE CWA TO          *
                                    81 *           ANCHOR THE ADDRESS OF THE PRIVATE PROCLIB WORK AREA.       *
                                    82 *           THE NAME OF THIS FIELD IS DEFINED BY THE &ANCHOR SET       *
                                    83 *           SYMBOL IN THIS PROGRAM.                                    *
                                    84 *                                                                      *
                                    85 *     4) STANDARD CONVERTER LINKAGE AND SAVING CONVENTIONS ARE         *
                                    86 *           OBEYED AT ALL PRIVATE PROCLIB ENTRY POINTS.  THE           *
                                    87 *           SAVE AREA FOR ALL OF THESE ENTRY POINTS IS CONTAINED        *
                                    88 *           WITHIN THE PRIVATE PROCLIB EXTENSION TO THE CONVERTER      *
                                    89 *           WORK AREA.                                                 *
                                    90 *                                                                      *
                                    91 *     5) ANY ERROR NOTED DURING CLEANUP OPERATIONS WILL CAUSE THE       *
                                    92 *           CONVERTER TO ABORT.                                        *
                                    93 *                                                                      *
                                    94 *     6) SEE THE SECTION OF COMMENTS ON CONVERTER MODIFICATION FOR      *
                                    95 *           PARTICULARS ON THE CHANGES TO THE CONVERTER/INTERPRETER.    *
                                    96 *                                                                      *
                                    97 *     7) TO PROPERLY ASSEMBLE THIS MODULE, THE CONVERTER/INTERPRETER   *
                                    98 *           WORK AREA MACRO, IEFCVRWA, MUST BE AVAILABLE.  IBM         *
                                    99 *           DISTRIBUTES THIS MACRO IN APVTMACS.                        *
                                   100 *                                                                      *
                                   101 *     8) IN ORDER TO SUPPORT MULTIPLE CONVERTER, AN ENQUEUE WITH A     *
                                   102 *           MAJOR NAME OF SYSJPROC AND MINOR NAME OF IEF*PDS0          *
                                   103 *           (* = 0-9,A-F).  THIS IS A STEP LEVEL ENQUEUE THAT MUST     *
                                   104 *           NOT BE OTHERWISE USED BY THE ADDRESS SPACE IN WHICH        *
                                   105 *           CONVERTER IS RUNNING IN.  THIS INCLUDES THE MASTER         *
                                   106 *           ADDRESS SPACE AND ANY NON-JES (I.E., STARTING OF A         *
                                   107 *           SECONDARY SUBSYSTEM) USE OF THE CONVERTER.                 *
                                   108 *                                                                      *
                                   109 *     9) THE MESSAGE NUMBER PREFIX IS SET BY THE SET SYMBOL            *
                                   110 *           &MSGPFX.  ITS DEFINITION FOLLOWS THE LOCAL MACRO           *
                                   111 *           DEFINITIONS.                                               *
                                   112 *                                                                      *
                                   113 *    10) THE INTERNAL TEXT ENTRY INTO IEFUJV IS ENABLED OR DISABLED    *
                                   114 *           BY THE USE OF THE &INTEXTX SET SYMBOL IN THIS PROGRAM.     *
                                   115 *                                                                      *
                                   116 *    11) DISABLING OF THIS CODE CAN BE DONE BY ZAPPING THE             *
                                   117 *           INSTRUCTION AT "PPCANCEL".  THE DEBUGGING CODE CAN BE      *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   118 *           ENABLED BY ZAPPING THE INSTRUCTION AT "PPSETBUG".          *
                                   119 *                                                                      *
                                   120 *    12) THIS MODULE MUST BE ASSEMBLED WITH THE PROPER LEVEL           *
                                   121 *           OF "SYS1.AMODGEN" CORRESPONDING TO THE EXISTANCE           *
                                   122 *           OR NON-EXISTANCE OF MVS/SE RELEASE 2, MVS/SP               *
                                   123 *           VERSION 1, RELEASE 3.2, OR LATER.                          *
                                   124 *           FOR HERCULES, THE SPLEVEL STATMENT MUST BE COMMENTED OUT   *
                                   125 *                                                                      *
                                   126 * COPYRIGHT:                                                         *
                                   127 *        SYZYGY INCORPORATED 2003.                                     *
                                   128 *        THIS COPYRIGHT IS NOT INTENDED TO LIMIT THE USE OF THIS       *
                                   129 *        CODE BY THE RECEIVING INSTALLATION, BUT TO PREVENT ITS        *
                                   130 *        REDISTRIBUTION FOR PROFIT.                                    *
                                   131 * COPYRIGHT:                                                         *
                                   132 *        AMDAHL CORPORATION, 1978, 1981, 1982.                         *
                                   133 *        THIS COPYRIGHT IS NOT INTENDED TO LIMIT THE USE OF THIS       *
                                   134 *        CODE BY THE RECEIVING INSTALLATION, BUT TO PREVENT ITS        *
                                   135 *        REDISTRIBUTION FOR PROFIT.                                    *
                                   136 *                                                                      *
                                   137 ************************************************************************
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                   139 ********************************************************************
                                   140 *                                                                  *
                                   141 *        VERSION 4, RELEASE 1, MODIFICATION 0                      *
                                   142 *                                                                  *
                                   143 *        THESE CHANGES ARE FOR THE HERCULES TURNKEY 3 IMPLEMENTATION  *
                                   144 *        THE SPLEVEL STATEMENT IS PERMAENTLY REMOVED                *
                                   145 *        THE LINK TO INTERNAL TEXT EXIT IS DUMMYED OUT              *
                                   146 *        ALL SUPERZAPS HAVE CHANGED AND ARE DOCUMENTED IN THE ZAPS  *
                                   147 *        REFERENCES TO SMPE SHOULD NOW SAY SMP4 ONLY                *
                                   148 *                                                                  *
                                   149 *                                                                  *
                                   150 *                                                                  *
                                   151 *                                                                  *
                                   152 *                                                                  *
                                   153 *                                                                  *
                                   154 *                                                                  *
                                   155 *        VERSION 3, RELEASE 1, MODIFICATION 0                      *
                                   156 *                                                                  *
                                   157 *        THE PRIVATE PROCLIB WORK AREA IS NO LONGER APPENDED        *
                                   158 *        TO THE END OF THE CONVERTER WORK AREA.  IT IS SEPARATELY   *
                                   159 *        GETMAINED AND IS ANCHORED IN A RESERVED WORD IN THE        *
                                   160 *        CONVERTER WORK AREA.  THE NAME OF THIS FULL WORD CAN BE    *
                                   161 *        SPECIFIED USING THE &ANCHOR SETC SYMBOL IN THIS PROGRAM.   *
                                   162 *        AS DISTRIBUTED, THIS DEFAULTS TO "RFULLE", WHICH HAPPENS   *
                                   163 *        TO BE THE LAST RESERVED FULL WORD IN THE CONVERTER          *
                                   164 *        WORK AREA.                                                *
                                   165 *                                                                  *
                                   166 *        BECAUSE OF THE ABOVE CHANGE, THE SUPERZAP MODIFICATION    *
                                   167 *        TO MODULE IEFVH1 IS NO LONGER NECESSARY.  THE THREE       *
                                   168 *        REMAINING SUPERZAPS ARE STILL NECESSARY AND THE ZAPS      *
                                   169 *        TO IEFVFA AND IEFVHF ARE DEPENDENT ON THE FIELD CHOSEN    *
                                   170 *        TO ANCHOR THE PRIVATE PROCLIB WORK AREA IN THE CON-       *
                                   171 *        VERTER WORK AREA.                                         *
                                   172 *                                                                  *
                                   173 *        THE ABILITY TO "REQUEUE" A JOB WHEN THE PROCLIB VOLUME    *
                                   174 *        OR CATALOG VOLUME HAS BEEN REMOVED.  IN ADDITION, CODE    *
                                   175 *        HAS BEEN ADDED TO EXPLICITLY DISALLOW PROCLIBS ON MSS     *
                                   176 *        VOLUMES.  THIS IS BECAUSE THE CONVERTER IS A SERIAL       *
                                   177 *        PROCESS AND THE DELAY THAT COULD BE INTRODUCED BY MSS     *
                                   178 *        STAGING COULD BE SUBSTANTIAL.                             *
                                   179 *                                                                  *
                                   180 *        THE GENERATION OF CODE FOR THE INTERNAL TEXT EXIT TO      *
                                   181 *        IEFUJV HAS BEEN MADE OPTIONAL THROUGH THE USE OF THE      *
                                   182 *        &INTEXTX SETB SYMBOL.  IF THIS IS SET TO ZERO (0), NO     *
                                   183 *        INTERNAL TEXT EXIT TO IEFUJV WILL BE TAKEN.  IF SET       *
                                   184 *        TO ONE (1), CODE WILL BE GENERATED TO ENTER IEFUJV        *
                                   185 *        WITH ENTRY CODE 64 FOR EACH INTERNAL TEXT RECORD.         *
                                   186 *        THE EXIT LINKAGE WILL DIFFER DEPENDING ON WHETHER OR      *
                                   187 *        NOT AND MVS/SE RELEASE 2 (OR LATER) SYSTEM IS BEING USED. *
                                   188 *        THE DEFAULT AS DISTRIBUTED IS ZERO (0), CAUSING NO        *
                                   189 *        INTERNAL TEXT TEXT TO BE TAKEN.                           *
                                   190 *                                                                  *
                                   191 ********************************************************************
```

```
                         193 ************************************************************************
                         194 *                                                                      *
                         195 *        THE USER WISHING TO SUPPLY A PRIVATE PROCLIB NEED ONLY        *
                         196 *        CODE ONE OR MORE DD STATEMENTS (FOLLOWING THE NORMAL          *
                         197 *        RULES OF CONCATENATION) WITH THE DD NAME OF "JOBPROC".        *
                         198 *        THE JOBPROC DD MUST APPEAR BEFORE THE FIRST EXEC STATE-       *
                         199 *        MENT OF A JOB.  THE ONLY JCL KEYWORD PARAMETERS SUPPORTED     *
                         200 *        ARE DSN, DISP, UNIT, VOL=SER, VOL=REF, AND SYSPROC.  USE      *
                         201 *        OF OTHER JCL PARAMETERS MAY CAUSE ERRORS OR MAY BE IGNORED.   *
                         202 *        DSN IS MANDATORY.  DISP CAN ONLY BE "SHR".  UNIT AND VOL      *
                         203 *        ARE NECESSARY ONLY IF THE DATA SET IS NOT CATALOGUED (VIA     *
                         204 *        MASTER AND ALIASES - JOBCAT IS NOT USED).  SYSPROC INDICATES  *
                         205 *        THE CONCATENATION (SYSPROC=YES) OR NON-CONCATENATION          *
                         206 *        (SYSPROC=NO) OF THE SYSTEM PROCLIBS WITH THE USER SUPPLIED    *
                         207 *        PROCLIBS.  THE DEFAULT IS SYSPROC=YES.                        *
                         208 *                                                                      *
                         209 ************************************************************************
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20
                                   211 ********************************************************************
                                   212 *                                                                  *
                                   213 *        A SERIES OF SPECIAL DD NAMES ARE USED BY DYNAMIC PROCLIB  *
                                   214 *        AND ARE RESERVED FOR ITS USE.  SOME OF THESE NAMES ARE    *
                                   215 *        CREATED THROUGH THE USE OF DYNAMIC ALLOCATION.  OTHERS    *
                                   216 *        MUST BE SUPPLIED IN THE JCL PROCEDURE THAT IS USED TO     *
                                   217 *        START THE ADDRESS SPACE (NORMALLY JES) THAT THE CONVERTER *
                                   218 *        IS RUNNING IN.  NO SPECIAL DD STATEMENTS ARE NECESSARY    *
                                   219 *        FOR EITHER THE INTERPRETER OR INITIATOR.  INVOCATION      *
                                   220 *        OF THE CONVERTER USING THE MASTER ADDRESS SPACE'S TIOT     *
                                   221 *        (JOBNAME MSTRJCL) FOR SUCH THINGS AS SUBSYSTEM START      *
                                   222 *        DOES NOT REQUIRE THESE SPECIAL DDNAMES AND SYSPROC IS     *
                                   223 *        SET TO BE UNAVAILABLE (WITHOUT ERROR MESSAGE).            *
                                   224 *                                                                  *
                                   225 *        AS MANY SETS OF SPECIAL DDNAMES ARE NEEDED AS THERE ARE   *
                                   226 *        CONVERTERS RUNNING.  IF THERE ARE MORE CONVERTER SUBTASKS *
                                   227 *        RUNNING THEN THERE ARE SETS OF DDNAMES, THE EXCESS        *
                                   228 *        CONVERTERS WILL NOT PROCESS DYNAMIC PROCLIB REQUESTS AND  *
                                   229 *        ANY JOBS PROCESSED BY THEM WILL IN ALL PROBABILITY RECEIVE *
                                   230 *        JCL ERRORS.                                               *
                                   231 *                                                                  *
                                   232 *        EACH SPECIAL DD NAME IS OF THE FORM IEF#PDS*.  THE POUND  *
                                   233 *        SIGN (#) IS COMMON TO ALL DDNAMES IN A GIVEN SET AND IS   *
                                   234 *        A SINGLE HEX DIGIT (0-9,A-F).  THE SETS MUST BE NUMBERED  *
                                   235 *        CONSECUTIVELY (I.E., IF FOUR SETS ARE BEING USED, THEY    *
                                   236 *        MUST BE 0, 1, 2, AND 3).  THE ASTERISK (*) IS USED TO     *
                                   237 *        UNIQUELY ALLOCATE EACH USER SUPPLIED PROCLIB AND THE      *
                                   238 *        INSTALLATION SUPPLIED PROCLIB(S).  THE USER SUPPLIED      *
                                   239 *        PROCLIBS WILL BE ALLOCATED WITH THE DDNAME IEF#PDS0,      *
                                   240 *        IEF#PDS1, ..., IEF#PDSF (0-9,A-F).  THE INSTALLAION       *
                                   241 *        SUPPLIED PROCLIB MUST BE IEF#PDSI.  FOR EXAMPLE, THE      *
                                   242 *        "FIRST" CONVERTER RUNNING WILL NEED AN INSTALLATION       *
                                   243 *        SUPPLIED PROCLIB NAME OF IEF0PDSI AND WILL GENERATE       *
                                   244 *        DDNAMES IEF0PDS0, IEF0PDS1, ..., IEF0PDSF.                *
                                   245 *                                                                  *
                                   246 *        THE INSTALLATION OF THE IEF#PDSI DD STATEMENTS IN THE     *
                                   247 *        JES PROCEDURE DOES NOT ELIMINATE THE NEED FOR THE         *
                                   248 *        PROC00, PROC01, ETC. DD STATEMENTS IN THE JES2 PROCEDURE  *
                                   249 *        AND WHATEVER IS THE SPECIFIED NAMES IN JES3.  THESE DATA  *
                                   250 *        SETS ARE USED WHENEVER A USER DOES NOT CODE A "JOBPROC"   *
                                   251 *        DD STATEMENT IN HIS OR HER JOB.                           *
                                   252 *                                                                  *
                                   253 ********************************************************************
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                   255 ************************************************************************
                                   256 *                                                                      *
                                   257 *        CONVERTER/INTERPRETER MODIFICATIONS                           *
                                   258 *        ********************* *************                           *
                                   259 *                                                                      *
                                   260 *        THERE ARE THREE AREAS OF CHANGES TO THE CONVERTER/             *
                                   261 *        INTERPRETER NECESSARY TO PROPERLY IMPLEMENT PRIVATE PROCLIB    *
                                   262 *        SUPPORT IN MVS.  THE THREE AREAS ARE SYSGEN MACROS (WHICH      *
                                   263 *        INCLUDES LINK EDIT CHANGES TO THE CONVERTER), A NEW MODULE     *
                                   264 *        (IEFVPP), AND SUPERZAPS TO CONVERTER/INTERPRETER MODULES.      *
                                   265 *        IN ADDITION, IF THESE MODIFICATIONS ARE INSTALLED ONTO         *
                                   266 *        AN EXISTING SYSTEM, A UCLIN AND JCLIN WILL BE NECESSARY.       *
                                   267 *                                                                      *
                                   268 *        THE CHANGES TO SYSGEN ARE ALL CONTAINED IN MACRO SGIEF441.    *
                                   269 *        THIS MACRO CONTAINS THE LINK EDIT CONTROL STATEMENTS FOR       *
                                   270 *        THE CONVERTER.  THE CHANGES ARE A CHANGE STATEMENT TO ALTER    *
                                   271 *        THE EXTERNAL REFERENCE TO IEFVHA IN IEFVH1 TO REFER TO         *
                                   272 *        IEFVPP0 IN IEFVPP AND AN INCLUDE OF THE NEW MODULE IEFVPP.     *
                                   273 *                                                                      *
                                   274 *        THE CHANGE STATEMENT:                                         *
                                   275 *        PUNCH ' CHANGE IEFVHA(IEFVPP0) '                              *
                                   276 *        IS INSERTED IMMEDIATELY BEFORE THE PUNCH INCLUDE OF IEFVH1.   *
                                   277 *                                                                      *
                                   278 *        THE INCLUDE STATEMENT:                                        *
                                   279 *        PUNCH ' INCLUDE AOSB3(IEFVPP) '                               *
                                   280 *        IS INSERTED IMMEDIATELY BEFORE THE PUNCH ENTRY IEFVH1.        *
                                   281 *                                                                      *
                                   282 *        VALID STATEMENT NUMBERS FOR MVS 3.8 THROUGH MVS/SP 1.3.2      *
                                   283 *        ARE 38907099 FOR THE CHANGE AND 38972099 FOR THE INCLUDE.     *
                                   284 *        THESE SHOULD BE VERIFIED BEFORE ACTUALLY UPDATING THE MACRO.  *
                                   285 *                                                                      *
                                   286 *        THE NEW MODULE, IEFVPP IS LINK EDITTED AS PART OF IEFVH1,     *
                                   287 *        THE JCL CONVERTER.  THE LINK EDIT CHANGE STATEMENT CAUSES     *
                                   288 *        IT TO BE INVOKED TO INITIALIZE THE EXPANDED CONVERTER         *
                                   289 *        WORK AREA.  ADDRESSES INSERTED INTO THIS WORK AREA ARE USED   *
                                   290 *        BY THE SUPERZAPS DESCRIBED BELOW TO PASS CONTROL TO IEFVPP    *
                                   291 *        AT ALL THE RIGHT MOMENTS.                                     *
                                   292 *                                                                      *
                                   293 *        THE SUPERZAPS ARE TO MODULES IEFVHF AND IEFVFA IN LOAD         *
                                   294 *        MODULE IEFVH1 AND TO MODULE IEFVHE IN LOAD MODULE             *
                                   295 *        IEFNB903.  THE ZAPS TO IEFVHF AND IEFVFA ARE QUITE            *
                                   296 *        CRUTIAL TO THE PROPER OPERATION OF THE CONVERTER.             *
                                   297 *        THE ZAP TO IEFVHE (IN THE INTERPRETER) DOES NOT PREVENT       *
                                   298 *        THE PROPER OPERATION OF IEFVPP AND CAN BE INSTALLED IN        *
                                   299 *        ADVANCE OF THE REMAINING ZAPS.                                *
                                   300 *                                                                      *
                                   301 *        THE ZAP FOR IEFVHE IS TO HAVE THE INTERPRETER BYPASS          *
                                   302 *        INTERNAL TEXT DD STATEMENTS THAT HAVE THE JOBPROC FLAG,       *
                                   303 *        JPROCSTR, TURNED ON.  THIS FLAG IS SET BY IEFVPP TO           *
                                   304 *        INDICATE A JOBPROC DD STATEMENT.  THE PURPOSE OF THIS         *
                                   305 *        IS TO INSURE THAT THE INTERPRETER STATEMENT NUMBERING         *
                                   306 *        AGREES WITH THAT DONE BY THE CONVERTER AND THAT IT            *
                                   307 *        DOESN'T ATTEMPT TO PROCESS A JOBPROC STATEMENT DURING         *
                                   308 *        INTERPRETATION, AS IT WOULDN'T KNOW WHAT TO DO WITH IT.       *
                                   309 *                                                                      *
```

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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                  ASM 0201 16.32 05/28/20

                                   310 *        THE ZAP TO IEFVFA HAS TWO SEPARATE PURPOSES.  ONE IS TO      *
                                   311 *        ALTER A SUITABLY UNUSED JCL KEYWORD (HOW'S "SUBALLOC"        *
                                   312 *        GRAB YOU?) TO BECOME THE "SYSPROC" KEYWORD.  THE OTHER       *
                                   313 *        PURPOSE IS TO CAUSE ENTRY TO IEFVPP4 AND IEFVPP5 IN IEFVPP   *
                                   314 *        IMMEDIATELY AFTER A JCL STATEMENT HAS BEEN CONVERTED INTO    *
                                   315 *        INTERNAL TEXT.  THE EXIT TO IEFVPP5 IS NOT NECESSARY FOR     *
                                   316 *        PRIVATE PROCLIB SUPPORT, BUT PROVIDES AN INTERNAL TEXT       *
                                   317 *        EXIT TO IEFUJV.                                              *
                                   318 *                                                                     *
                                   319 *        THE ZAP TO IEFVHF CAUSES ENTRY TO IEFVPP3 IN IEFVPP DURING   *
                                   320 *        CONVERTER TERMINATION, SO THAT ANY ALLOCATED PROCLIBS        *
                                   321 *        CAN BE CLOSED, DECONCATENATED, AND DEALLOCATED.              *
                                   322 *                                                                     *
                                   323 *        SINCE THE ACTUAL TEXT OF THESE ZAPS WILL DEPEND ON THE       *
                                   324 *        CURRENT MAINTENANCE LEVELS OF THE VARIOUS MODULES, THEY ARE  *
                                   325 *        NOT ENUMERATED HERE.  THE PTF TO APPLY THESE ZAPS SHOULD     *
                                   326 *        BE EXAMINED, AS WELL AS THE SOURCE MICROFICHE OR OPTIONAL    *
                                   327 *        MATERIALS.                                                   *
                                   328 *                                                                     *
                                   329 ***********************************************************************
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                   331 ************************************************************************
                                   332 *                                                                      *
                                   333 *        STATEMENT OF SUPPORT                                          *
                                   334 *        ********* ** *******                                          *
                                   335 *                                                                      *
                                   336 *        THIS PROGRAM IS MAINTAINED BY BRIAN WESTERMAN FOR THE         *
                                   337 *        HERCULES TURNKEY MVS 3.8J SYSTEM AND IS TESTED TO RUN         *
                                   338 *        ON THE TURNKEY #3 SYSTEM AS OF FEB. 2003.                     *
                                   339 *                                                                      *
                                   340 *        ADDITIONAL INFORMATION CONCERNING THESE MODIFICATIONS         *
                                   341 *        CAN BE OBTAINED BY CONTACTING:                                *
                                   342 *                                                                      *
                                   343 *        BRIAN WESTERMAN                                               *
                                   344 *        SYZYGY INCORPORATED           SYZYGY INCORPORATED             *
                                   345 *        897 OAK PARK BLVD - 500       1381 KILDAIRE FARM RD - 326     *
                                   346 *        PISMO BEACH, CA 93449         CARY, NC 27511-5525             *
                                   347 *        PHONE:  (800) 767-2244   FAX (800) 366-4082                   *
                                   348 *        EMAIL  BRIAN_WESTERMAN@SYZYGYINC.COM                          *
                                   349 ************************************************************************
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   351          MACRO
                                   352 &L       PPEPA &TRACEI,&ERREXIT=NO
                                   353          GBLC  &ANCHOR
                                   354          LCLC  &P,&O,&C
                                   355 &P       SETC  '&TRACEI'(2,3)
                                   356 &C       SETC  '     INDICATE IEF'
                                   357 &C       SETC  '&C&TRACEI'
                                   358 &O       SETC  ' IS EXECUTING'
                                   359 &C       SETC  '&C&O'
                                   360 &O       SETC  'PPSTAT0,'          SET BASIC OPERAND TEXT
                                   361 &O       SETC  '&O.&P.CODE&C'      ADD IN COMMENT
                                   362 &L       DS    0H                  ENTRY POINT ADDRESS
                                   363          USING *,R15               TEMPORARY BASE
                                   364 *
                                   365          STM   R14,R12,12(R13)     SAVE CALLERS REGS
                                   366          L     R11,PPBASE          SET UP MODULE BASE
                                   367          LA    R7,2048             SET UP SECOND
                                   368          LA    R7,2048(R7,R11)      BASE REGISTER
                                   369          USING IEFVPP,R11,R7       INFORM ASSEMBLER OF BASE REG
                                   370          DROP  R15                 DROP TEMPORARY BASE
                                   371 *
                                   372          AIF   ('&TRACEI' EQ 'VPP0').PP0CALL
                                   373          L     R6,&ANCHOR          LOAD PP WORK AREA ADDRESS
                                   374          TM    PPSTAT0,PPINITC     HAS IEFVPP0 BEEN CALLED ?
                                   375          BO    *+10                YES, CONTINUE
                                   376          LM    R14,R12,12(R13)     NO, RELOAD REGISTERS
                                   377          BR    R14                 AND RETURN IMMEDIATELY
                                   378          OI    &O
                                   379          AGO   .PPCOMM
                                   380 .PP0CALL ANOP  ,
                                   381          LA    R0,PPWORKLN         LENGTH OF PROCLIB WORK AREA
                                   382          GETMAIN R,LV=(0)          GET THE PRIVATE PROCLIB WORK AREA
                                   383          LR    R6,R1               MOVE TO ITS PERMANENT HOME
                                   384          ST    R6,&ANCHOR          STORE IN CONVERTER WORK AREA
                                   385 *
                                   386          LR    R0,R1               SET FOR MVCL
                                   387          LA    R1,PPWORKLN         LENGTH OF MVCL
                                   388          SLR   R15,R15             ZERO FROM LENGTH
                                   389          MVCL  R0,R14              CLEAR THE WORK AREA
                                   390 *
                                   391          MVI   &O
                                   392 .PPCOMM  ANOP  ,
                                   393 *
                                   394          L     R15,&P.TRCV         LOAD CONVERTER TRACE ROUTINE ADDRESS
                                   395          CNOP  2,4                 ALIGN TRACE PARM LIST
                                   396          BALR  R14,R15             ENTER MODULE ID IN TRACE REC.
                                   397 &P.TRCV  DC    V(TRACE)            TRACE ROUTINE ID (IN IEFVH1)
                                   398          DC    CL4'&TRACEI'        MODULE ID FOR TRACE RECORD
                                   399 *
                                   400          XC    PPSAVE(72),PPSAVE   CLEAR SAVE AREA
                                   401          ST    R13,PPSAVE+4        STORE BACKWARD POINTER
                                   402          LA    R1,PPSAVE           POINT AT SAVE AREA
                                   403          ST    R1,8(,R13)          STORE FORWARD POINTER
                                   404          LR    R13,R1              SET NEW SAVE AREA ADDRESS
                                   405          AIF   ('&ERREXIT' EQ 'YES').PPERR02
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

                                   406 *
                                   407          MVC   PPESTAEP(PPESTAEL),PPESTAEM MOVE IN MODEL PLIST
                                   408          ESTAE PPESTAEX,CT,         ESTABLISH PRIVATE PROCLIB          X
                                                      TERM=YES,PARAM=(12), ERROR RECOVERY                     X
                                                      MF=(E,PPESTAEP)       ENVIRONMMENT
                                   409          OI    PPMISC,PPESTAE       INDICATE ESTAE IN EFFECT
                                   410 .PPERR02 ANOP  ,
                                   411          MEND
                                   412 *
                                   413          MACRO
                                   414          IEFVPPMS &MNO,&TEXT
                                   415          LCLA  &LTH
                                   416          LCLC  &STR
                                   417          GBLC  &MSGPFX
                                   418          AIF   (T'&TEXT EQ 'O').VGMER01
                                   419          AIF   (T'&MNO EQ 'O').VGMER02
                                   420 &LTH     SETA  K'&TEXT-2           GET LENGTH OF MESSAGE TEXT
                                   421 &STR     SETC  '&TEXT'(2,&LTH)     EXTRACT MESSAGE TEXT
                                   422 &LTH     SETA  &LTH+8              CALCULATE TOTAL MESSAGE LENGTH
                                   423 MSG&MNO  DC    AL1(0)              RESERVED
                                   424          DC    AL1(&LTH)           LENGTH OF MESSAGE TEXT
                                   425          DC    CL8'&MSGPFX&MNO'    EXTERNAL MESSAGE IDENTIFICATION
                                   426          DC    C'&STR'
                                   427          SPACE 2
                                   428          MEXIT ,
                                   429 .VGMER01 MNOTE 12,'*** MESSAGE TEXT REQUIRED BUT NOT SPECIFIED ***'
                                   430          MEXIT ,
                                   431 .VGMER02 MNOTE 12,'*** MESSAGE NUMBER REQUIRED BUT NOT SPECIFIED ***'
                                   432          MEND
                                   433 *
                                   434          MACRO
                                   435 &NAME    PPDEBUG &WHERE
                                   436 &NAME    BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
                                   437          DC    CL4'&WHERE'         INDICATE WHERE WE ARE
                                   438          MEND
                                   439 *
```

```
                                 441 ************************************************************************
                                 442 *                                                                      *
                                 443 *        THE SYMBOLIC PARAMETERS THAT CAN BE USED TO ALTER THE         *
                                 444 *        CHARACTERISTICS OF THIS MODULE ARE DEFINED HERE.              *
                                 445 *                                                                      *
                                 446 ************************************************************************
                                 447 *
                                 448          GBLB  &INTEXTX
                                 449          GBLB  &SGIHASU(100)
                                 450 *
                                 451          GBLC  &ANCHOR
                                 452          GBLC  &MSGPFX
                                 453 *
                                 454 ************************************************************************
                                 455 *                                                                      *
                                 456 *        INTERNAL TEXT EXIT                                            *
                                 457 *                                                                      *
                                 458 *        THIS PARAMETER SHOULD BE SET TO EITHER 1 (ONE) OR 0 (ZERO)    *
                                 459 *        TO GENERATE OR NOT GENERATE SUPPORT FOR THE INTERNAL          *
                                 460 *        TEXT EXIT TO IEFUJV.                                          *
                                 461 *        THIS FIELD MUST BE A FULL WORD THAT IS UNUSED BY THE          *
                                 462 *        CONVERTER.                                                    *
                                 463 *                                                                      *
                                 464 ************************************************************************
                                 465 *
                                 466 &INTEXTX SETB  0                  WE DON'T WANT THE EXIT
                                 467 *
                                 468 ************************************************************************
                                 469 *                                                                      *
                                 470 *        PRIVATE PROCLIB WORK AREA ANCHOR                              *
                                 471 *                                                                      *
                                 472 *        THIS PARAMETER SHOULD BE SET TO THE NAME OF THE FIELD         *
                                 473 *        IN THE COMMON OR CONVERTER WORK AREA THAT WILL BE USED        *
                                 474 *        TO CONTAIN THE ADDRESS OF THE PRIVATE PROCLIB WORK AREA.      *
                                 475 *        THIS FIELD MUST BE A FULL WORD THAT IS UNUSED BY THE          *
                                 476 *        CONVERTER.                                                    *
                                 477 *                                                                      *
                                 478 ************************************************************************
                                 479 *
                                 480 &ANCHOR  SETC  'RFULLE'           AT THE END OF THE CONVERTER WORKAREA
                                 481 *
                                 482 ************************************************************************
                                 483 *                                                                      *
                                 484 *        MESSAGE PREFIX                                                *
                                 485 *                                                                      *
                                 486 *        THIS PARAMETER SHOULD BE SET TO THE THREE (3) CHARACTER       *
                                 487 *        WHICH IS DESIRED ON ALL MESSAGES ISSUED BY THE MODULE.        *
                                 488 *        THE MESSAGE NUMBERS WILL BE XXX800 THROUGH XXX899, WHERE      *
                                 489 *        XXX IS THE SELECTED PREFIX.                                   *
                                 490 *                                                                      *
                                 491 ************************************************************************
                                 492 *
                                 493 &MSGPFX  SETC  'DYP'  DYNAMIC PROCLIB CAN SET TO ANY 3 CHARACTERS
                                 494 *                                 -        -       -
                                 495          IHASU74                 SET THE SE2 INDICATOR
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                                ASM 0201 16.32 05/28/20

                                   496 *
                                   497 *REM BHW SPLEVEL SET=1            INDICATE SP 1 LEVEL CODE
                                   498 *
                                   499          PRINT OFF
                                  3662+         PUSH  PRINT                                                          01012002
                                  3663+         PRINT OFF                                                            01016002
                                  4441+         POP   PRINT                                                          35259602
                                  4693+         PUSH  PRINT                                                          05000000
                                  4694+         PRINT OFF                                                            05100000
                                  5687+         POP   PRINT                                                          44000000
                                  5689          PRINT ON
                                  5690 *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  5692          IEFCOMWA ,                COMMON WORK AREA
                                  5693+*%COMPROLG:;                                                       01200002
                                  5694+*/*                                                                01500002
                                  5695+*                                                                  01800002
                                  5696+*   MACMEAN  IEFCOMWA MEANS COMMON WORK AREA                       02100002
                                  5697+*   MACCOMP  Y-2  SC1B9/PZD02                            @G16APPK 02400003
                                  5698+*   MACSTAT  Y-2  76323/G16APPK                          @G16APPK 02450003
                                  5699+*            Y-2 MERGE SU 4,10,16 CODE TO REL 37 BASE PTF @ZA28955 02500003
                                  5700+*                                                                  03000002
                                  5701+************************************************************************ 03300002
                                  5702+*                                                                 * 03600002
                                  5703+*   IEFCOMWA MAPS DATA FIELDS AND SWITCHES COMMON TO BOTH THE      * 03900002
                                  5704+*   CONVERTER AND THE INTERPRETER. NO INFORMATION IS COMMUNICATED IN * 04200002
                                  5705+*   THESE FIELDS FROM ONE TO THE OTHER OF THE ABOVE SUBCOMPONENTS.  * 04500002
                                  5706+*   THE COMMON MAPPING IS INTENDED TO FACILITATE WORK AREA CHANGES, * 04800002
                                  5707+*   AND EASE REFERENCE TO THE MAPPED FIELDS.                       * 05100002
                                  5708+*                                                                 * 05400002
                                  5709+*   SWITCH BYTES WITH IDENTICAL NAMES (I.E., SWA) BUT CONTAINING   * 05700002
                                  5710+*   INDIVIDUAL SWITCHES UNIQUE TO EITHER THE CONVERTER OR THE      * 06000002
                                  5711+*   INTERPRETER , ARE MAPPED SEPARATELY IN BOTH THE CONVERTER AND THE * 06300002
                                  5712+*   INTERPRETER WORK AREA MACROS. SUCH MAPPING IS INTENDED TO      * 06600002
                                  5713+*   CLARIFY WHICH SWITCHES ARE UNIQUE TO EACH SUBCOMPONENT.        * 06900002
                                  5714+*                                                                 * 07200002
                                  5715+*   IEFCOMWA MAY BE EXPANDED WITHOUT THE ADJUNCT MACROS FOR THE    * 07500002
                                  5716+*   CONVERTER (IEFCVRWA) OR THE INTERPRETER (IEFVMIWA). MODULES    * 07800002
                                  5717+*   CONTAINED IN BOTH THE CONVERTER AND INTERPRETER (IEFVGM, ETC.) DO * 08100002
                                  5718+*   NOT INVOKE AN ADJUNCT MACRO.                                   * 08400002
                                  5719+*                                                                 * 08700002
                                  5720+*   THIS MACRO IS NEW FOR VS2/RELEASE 2.                  Y02668* 09000002
                                  5721+*                                                                 * 09300002
                                  5722+* STATUS - VS2 SU16 - IN THIS MACRO, SU 16 SUPPORTS      @G16APPK* 09350003
                                  5723+*          VPSS SUPPORT (SU 29 - @G29AN2E & @G29AN2F).    @G16APPK* 09400003
                                  5724+*          ADD SUBSYSSW AND SUBSYORD FOR SUBSYS PROCESSING @ZA50933* 09425003
                                  5725+*                                                                 * 09450003
                                  5726+************************************************************************ 09600002
                                  5727+**/                                                                09900002
                                  5728+*%GOTO COMWAPLS;                                                   10200002
                                  5729+*/*                                                                10500002
                                  5730+*                                                                  10800002
                                  5731+*  REGISTER EQUATES.                                               11100002
000000                            5732+COMWA    DSECT                                                     11400002
                       00000      5733+         USING COMWA,RC           WORK AREA ADDRESSABILITY.        11700002
                       00000      5734+R0       EQU   0                                                   12000002
                       00001      5735+R1       EQU   1                                                   12300002
                       00002      5736+R2       EQU   2                                                   12600002
                       00003      5737+R3       EQU   3                                                   12900002
                       00004      5738+R4       EQU   4                                                   13200002
                       00005      5739+R5       EQU   5                                                   13500002
                       00006      5740+R6       EQU   6                                                   13800002
                       00007      5741+R7       EQU   7                                                   14100002
                       00008      5742+R8       EQU   8                                                   14400002
                       00009      5743+R9       EQU   9                                                   14700002
                       0000A      5744+RA       EQU   10                                                  15000002
                       0000B      5745+RB       EQU   11                                                  15300002
                       0000C      5746+RC       EQU   12                                                  15600002
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                            0000D  5747+RD       EQU   13                                                      15900002
                            0000E  5748+RE       EQU   14                                                      16200002
                            0000F  5749+RF       EQU   15                                                      16500002
                                   5750+*                                                                       16800002
                                   5751+*                                                                       17100002
                                   5752+*  POINTERS, WORK AND DATA AREAS.                                       17400002
                                   5753+*                                                                       17700002
000000                             5754+          DS    0D                                                      17750002
000000                             5755+CWAL      DS    F                   WORK AREA LENGTH.                   18000002
                            00000  5756+IWAL      EQU   CWAL                                                    18300002
000004                             5757+CWAID     DS    X'11111111'         IDENTIFIER WORD                     18600002
                            00004  5758+IWAID     EQU   CWAID                                                   18900002
000008                             5759+CWACONID  DS    F      MCS POINTER TO CONSOLE ID                      19200002
                            00008  5760+IWACONID  EQU   CWACONID                                               19500002
00000C                             5761+QPARMP    DS    F                        Q-MGR PARMLIST POINTER        19800002
000010                             5762+SAVEPTR   DS    F                        CURRENT REG SAVE AREA         20100002
000014                             5763+CTRLWAP   DS    F                   CONTROL RTNE WORK AREA PTR.        20400002
000018                             5764+QMGRP     DS    F                        Q MNGR ENTRY POINT            20700002
00001C                             5765+IWAINTS0  DS    F                   MASTER REGISTER SAVE AREA POINTER. 21000002
000020                             5766+TNEXT     DS    2F                       NEXT 2 AVAILABLE TTR'S        21300002
                            00024  5767+TNEXT2    EQU   TNEXT+4             SECOND TTR.                         21600002
000028                             5768+JACTLPTR  DS    F                   PTR TO PSEUDO ACCESS METH RTNEY02668 21900002
00002C                             5769+TEXTBUFP  DS    F                   POINTER TO TEXT STRING.       Y02668 22200002
000030                             5770+TBUFCOPY  DS    F                   POINTER TO START OF TEXT BUF. Y02668 22500002
000034                             5771+TERMRTN   DS    F                   ADDR OF C/I TERMINATE RTNE.   Y02668 22800002
000038                             5772+AOWSTMT   DS    F                   ADDR OF WRITE BUFFER.         Y02668 23100002
                                   5773+* SET OF BUFFER POINTERS USED BY TRACE ROUTINE.                     Y02668 23400002
00003C                             5774+BUFADDR   DS    F                   ADDR OF BUF USED BY TRACE.    Y02668 23700002
000040                             5775+BUFEND    DS    F                   ADDR OF BUF END.              Y02668 24000002
000044                             5776+NEXTPTR   DS    F                   PTR TO NEXT OPEN SLOT IN BUF. Y02668 24300002
                                   5777+*                                                                       24600002
000048                             5778+AOJMRGEP  DS    F                   JOURNAL/MERGE ENTRY POINT.    Y02668 24900002
00004C                             5779+AOSTAPRM  DS    F                   ADDR OF ESTAE USER PARMLIST.  Y02668 24950002
000050                             5780+          DS    0D                  BDY NEEDED FOR CONVERT AREA   Y02668 25000002
000050                             5781+AOEPWORK  DS    2F                  WORK AREA FOR STMT # CVD.     Y02668 25200002
000058                             5782+IWAIOSA   DS    18F                 I/O REGISTER SAVE AREA.       Y02668 25800002
                            0005C  5783+IWASACHN  EQU   IWAIOSA+4           CHAIN FIELD IN SAVE AREA.     Y02668 26100002
                            00058  5784+TRSAVE    EQU   IWAIOSA             TRACE RTNE REG SAVE AREA      Y02668 26400002
                                   5785+*                                                                 Y02668 26700002
0000A0                             5786+WARPL     DS    19F                 C/I RPL                       Y02668 27000002
                            000A0  5787+RPLADDR   EQU   WARPL                                                   27300002
0000EC                             5788+WANELPTR  DS    F                   POINTER TO NEL.                     27600002
0000F0                             5789+WAMSGBUF  DS    F                   ADDR OF VGM WORK AREA.        Y02668 27900002
0000F4                             5790+WAWRKLTH  DS    F                   LENGTH OF C/I WORK AREA.      Y02668 28200002
0000F8                             5791+QPARM     DS    CL36                     Q MANAGER PARAMETER AREA       28500002
00011C                             5792+WAJOBRBA  DS    CL8                 RBA OF JOB TEXT STRING.       Y02668 28800002
000124                             5793+WAEXCRBA  DS    CL8                 RBA OF EXEC TEXT STRING.      Y02668 29100002
00012C                             5794+WAJBNAME  DS    CL8                 JOBNAME FOR JOB.              Y02668 29400002
000134                             5795+WAJOBPFX  DS    CL8                 PSEUDO JOB PREFIX. UPDATED    Y02668 29700002
                                   5796+*                                   DURING PROCESSING OF JOB AND  Y02668 30000002
                                   5797+*                                   WRITTEN TO TEXT DATA SET AT   Y02668 30300002
                                   5798+*                                   INPUT END OF FILE.            Y02668 30600002
00013C                             5799+WAEXCPFX  DS    CL8                 PSEUDO EXEC PREFIX. UPDATED   Y02668 30900002
                                   5800+*                                   DURING PROCESSING OF STEP AND Y02668 31200002
                                   5801+*                                   WRITTEN TO TEXT DATA SET WHEN Y02668 31500002
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   5802+*                                NEXT EXEC STATEMENT READ, OR  Y02668 31800002
                                   5803+*                                AT INPUT END OF FILE.         Y02668 32100002
                                   5804+*                                                                     32400003
                                   5805+*                                                                     32450003
000144                             5806+AOQLOCEP DS    F                 ALT SWA MGR(LOC) ENTRY PT   @G29AN2F 32500003
000148                             5807+AOSSIB   DS    F                 ADDR OF SSIB                @G29AN2E 32550003
00014C                             5808+AOSSOB   DS    F                 ADDR OF SSOB                @G29AN2E 32600003
000150                             5809+AOSUBSYS DS    F                 ADDR OF SUBSYS KEY IN       @G29AN2E 32650003
                                   5810+*                                INTERNAL TEXT               @G29AN2E 32700003
000154                             5811+AOLOCPL  DS    F                 ADDR OF PARM LIST FOR SWA   @G29AN2E 32750003
                                   5812+*                                MANAGER LOCATE MODE         @G29AN2E 32800003
000158                             5813+CWARET   DS    H                 AREA FOR RETURN CODES                34200002
                          00158    5814+IWARET   EQU   CWARET                                                 34500002
00015A                             5815+CWAMCSCA DS    H                 MCS COMMAND AUTHORITY.               34800002
                          0015A    5816+IWAMCSCA EQU   CWAMCSCA                                               35100002
                          0015B    5817+CWALABEL EQU   CWAMCSCA+1                                             35400002
00015C                             5818+WASTMTNO DS    H                 NUMBER OF CURRENT STATEMENT.  Y02668 35700002
                                   5819+*  RESERVED HALFWORDS.                                               36000002
00015E                             5820+RHALF1   DS    H                 RESERVED.                            36300002
000160                             5821+RHALF2   DS    H                 RESERVED.                            36600002
000162                             5822+RHALF3   DS    H                 RESERVED.                            36900002
000164                             5823+RHALF4   DS    H                 RESERVED.                            37200002
000166                             5824+RHALF5   DS    H                 RESERVED.                            37500002
000168                             5825+CWAMSLEN DS    CL1               LENGTH OF MSG FOR VGM.        Y02668 37800002
                          00168    5826+IWAMSLEN EQU   CWAMSLEN                                               38100002
                                   5827+*                                                                     38400002
                                   5828+*  SWITCH BYTES.                                                      38700002
                                   5829+*                                                                     39000002
000169                             5830+AOSW1    DS    CL1                                           Y02668 39300002
                          00001    5831+AOTXTWRT EQU   X'01'             TEXT TO BE WRITTEN TO TEXT DS.Y02668 39600002
                          00002    5832+AOPRTSW  EQU   X'02'             VHEB IS ENTERED ONLY TO WRITE Y02668*39900002
                                     +                                   TO LIST DS.                   Y02668 40200002
                          00004    5833+AONOPLIB EQU   X'04'             NULL PROCLIB POINTER IN NEL.  Y02668 40500002
                          00008    5834+AOILGLOP EQU   X'08'             INVALID OPERATOR ON JCL.      Y02668 40800002
                          00010    5835+AOIOERR  EQU   X'10'             I/O ERROR ON LIST DS.         Y02668 41100002
                          00020    5836+AOVFBSW  EQU   X'20'             VFB IS BRANCHING TO VGM.      Y02668 41400002
                          00040    5837+AOENDKSW EQU   X'40'             END KEY FOUND IN TEXT STRING. Y02668 41700002
                          00080    5838+AOFSTPOS EQU   X'80'             FIRST POSITIONAL ON JOB CARD  Y02668 42000002
                                   5839+*                                                             Y02668 42300002
00016A                             5840+AOSW4    DS    CL1                                           Y02668 42600002
                          00001    5841+CWATERM  EQU   X'01'             CONVERTER/INTERPRETER IS      Y02668*42900002
                                     +                                   TERMINATING.                  Y02668 43200002
                          00002    5842+AODFWMSG EQU   X'02'             DFLT WRN MSG ISSUED TO CONSL YM02716 43300002
                          00004    5843+AOSWALOC EQU   X'04'             SWA LOCATE MODE REQUEST     @G29AN2E 43350003
                          00008    5844+AOMSGTXT EQU   X'08'             MSG TEXT PASSED TO VGM      @G29AN2E 43400003
                          00010    5845+AOWRNREQ EQU   X'10'             DEFAULT WARNING REQUEST     @G29AN2E 43450003
                                   5846+*                                                             Y02668 43500002
00016B                             5847+SWE      DS    CL1               SWITCH E  PROCEDURE SWITCHES         43800002
                          00080    5848+PROC     EQU   128                    BIT-0 PROCLIB BEING USED        44100002
                          00040    5849+GPI      EQU   64                     BIT-1 GET PROCLIB INPUT         44400002
                          00020    5850+PREF     EQU   32                     BIT-2 PROCLIB EOF               44700002
                          00010    5851+PRCV     EQU   16                     BIT-3 PRIME PROC BUFFER         45000002
                          00008    5852+CONCAT   EQU   8                      BIT-4 CONCATINATION IN MERGE    45300002
                          00004    5853+POVRD    EQU   4                      BIT-5 ORIDE PROC DD STMT        45600002
                          00002    5854+POVRX    EQU   2                      BIT-6 ORIDE PROC EXEC STMT      45900002
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

                            00001  5855+SEQUENCE EQU   1                     BIT-7- USED FOR CHECKING  A27782 46200002
                                   5856+*                                         PROPER SEQUENCE OF Y02668 46300002
                                   5857+*                                   ADDITIONS TO PROC STEPS Y02668 46400002
00016C                             5858+SWH      DS    CL1                                                 46500002
                            00010  5859+CPSYSFLG EQU   16                     BIT-3 C/R EXEC STMT        AAAA 46800002
                            00008  5860+CPFLGXX  EQU   8                      BIT-4 C/R RESERVED         AAAA 47100002
                            00004  5861+PROCSW   EQU   4                      BIT-5 STMT INVOKES PROC    AAAA 47400002
                            00002  5862+CPSTPFL  EQU   2                      BIT-6 C/R STEP FLUSH       AAAA 47700002
00016D                             5863+SWI      DS    CL1                 GENERAL SWITCHES                AABA 48000002
                            00080  5864+BLKPRC   EQU   128                    BIT-0 BLOCK PROCLIB FLAG   AABA 48300002
                            00040  5865+WAWRNWTO EQU   64                     BIT-1 WARNING WTO ISSUED        48350002
                            00020  5866+IWADDNM  EQU   32                     BIT-2 DDNAME= KEY THIS CARDAABA 48600002
                            00008  5867+BLKMLTER EQU   8                      BIT-4 PROCLIB BLKSIZE      AACA 48900002
                            00004  5868+DSNLIT   EQU   4                      BIT-5 DSN='LITERAL'        AACA 49200002
                                   5869+*                                        NON-MULTIPLE OF 80     AACA 49500002
00016E                             5870+SWY2     DS    CL1  ADDITIONAL SCAN SWITCHES                    19874 49800002
                            00080  5871+DUMMYSW  EQU   128  BIT 0 =1 IF DUMMY POSITIONAL KEYWD ON STMT. YM02714 49900002
                            00040  5872+DYNAMSW  EQU   64   BIT 1 =1 IF DYNAM POSITIONAL KEYWORD ON STMT. 19874 50100002
                            00020  5873+KEYNXTSW EQU   32   BIT-2=1 IF FIRST EQUAL ENCOUNTERED. NO MORE  A28668 50400002
                                   5874+*                  POSITIONAL PARAMETERS EXPECTED.              A28668 50700002
                            00010  5875+SUBSYSSW EQU   16   BIT 3=1 IF SUBSYS KEYWORD FOUND           @ZA50933 50750003
                            00008  5876+SUBSYORD EQU   8    BIT 4=1 IF SUBSYS SPECIFIED ON O'RIDE DD  @ZA50933 50800003
                                   5877+*                  BITS 5-7 RESERVED                                  50850003
                                   5878+*  RESERVED BYTES.                                                    51300002
00016F                             5879+RBYTE1   DS    CL1                 RESERVED.                          51600002
000170                             5880+RBYTE2   DS    CL1                 RESERVED.                          51900002
000171                             5881+RBYTE3   DS    CL1                 RESERVED.                          52200002
000172                             5882+RBYTE4   DS    CL1                 RESERVED.                          52500002
000173                             5883+RBYTE5   DS    CL1                 RESERVED.                          52800002
                                   5884+*                                                                 53100002
000174                             5885+COMWAEND DS    0C                  END OF COMMON WORK AREA.           53400002
                            00174  5886+COMWALTH EQU   COMWAEND-COMWA      LENGTH OF COMMON WORK AREA.        53700002
                                   5887 *
                                   5888          IEFCVRWA ,              CONVERTER WORK AREA
                                   5889+*
                                   5890+*%CNVPROLG:;
                                   5891+*/*
                                   5892+*   MACMEAN  IEFCVRWA MEANS CONVERTER WORK AREA
                                   5893+*   MACCOMP  Y-2  SC1B9/PZD02                                 @G16APPK
                                   5894+*   MACSTAT  Y-2  76323/G16APPK                               @G16APPK
                                   5895+*            REL 037 MERGE SU4,10,16 CODE TO BASE PTF         @ZA27750
                                   5896+*
                                   5897+*************************************************************************
                                   5898+*                                                                       *
                                   5899+*   IEFCVRWA MAPS DATA FIELDS AND SWITCHES UNIQUE TO THE CONVERTER.     *
                                   5900+*   IT MUST BE INVOKED IMMEDIATELY FOLLOWING IEFCOMWA, TO INSURE        *
                                   5901+*   CORRECT ADDRESSABILITY. REGISTER 12 IS THE BASE REGISTER ACROSS     *
                                   5902+*   THE ENTIRE WORK AREA MAPPED BY BOTH IEFCOMWA AND IEFCVRWA.          *
                                   5903+*   THEREFORE DISPLACEMENTS FOR THE CONVERTER WORK AREA MUST BE A       *
                                   5904+*   CONTINUATION OF THOSE FOR THE COMMON WORK AREA.                     *
                                   5905+*                                                                       *
                                   5906+*   THIS MACRO IS NEW FOR VS2/RELEASE 2.                      Y02668*
                                   5907+*                                                                       *
                                   5908+* STATUS - VS2 SU16 - IN THIS MACRO, SU 16 SUPPORTS           @G16APPK*
                                   5909+*           VPSS SUPPORT (SU 29 - @G29AN2E).                 @G16APPK*
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   5910+*          MERGE SU4,10,16 CODE TO 037 BASE                  @ZA28955*
                                   5911+*                                                              *
                                   5912+*****************************************************************
                                   5913+**/
                                   5914+*%GOTO CNVWAPLS;
                                   5915+*/*
                                   5916+*
000174                             5917+CVRWA    DS    0F                  START OF CONVERTER WORK AREA. Y02668
                                   5918+*
                                   5919+*  POINTERS, WORK AND DATA AREAS.
                                   5920+*
000174                             5921+PDCBP    DS    F                        PROCLIB DCB OR NOTED TTR
000178                             5922+IWAINTS3 DS    F                   PTR TO EXIT LIST ACCT ENTRY     AABA
00017C                             5923+IWAINTS4 DS    F                   PTR TO BLOCKED PROCLIB BUFFER   AABA
                             0017C 5924+CWABPROC EQU   IWAINTS4
000180                             5925+IWAINTS5 DS    F                   PTR TO JOB MNGMT RECORD         AABA
000184                             5926+CWATXTEX DS    F                   PTR TO TEXT EXIT RTNE ADDR.
000188                             5927+RSTMT    DS    F                    PTR TO RDR STMT
00018C                             5928+         DS    CL1                  VERB #
                                   5929+*                                    NULL=0
                                   5930+*                                    JOB=1
                                   5931+*                                    EXEC=2
                                   5932+*                                    DD=4
                                   5933+*                                    PROC=8                  AAAA
                             00080 5934+SSE      EQU   128                   DD STMT SEQUENCE ERROR
                             00040 5935+CRE      EQU   64   BIT 1         MISPLACED SYSCHK DD STMT       AACA
00018D                             5936+         DS    CL1                       NAME LENGTH
00018E                             5937+         DS    CL1                       RELATIVE LIST PTR
00018F                             5938+         DS    CL1                  RESERVED.
000190                             5939+PSTMT    DS    2F                        SAME AS RDR PARM LIST
                             00004 5940+VERB     EQU   4                         OFFSET FOR VERB BYTE
                             00005 5941+NAMEL    EQU   5                         OFFSET FOR NAME LENGTH
                             00006 5942+LISTPTR  EQU   6                         OFFSET FOR REL LIST PTR
                                   5943+*                                   PROCLIB MERGE CONTROL DATA
000198                             5944+PDNM     DS    CL8                       PROC DD NAME             YM02703
0001A0                             5945+PSNM     DS    CL8                       PROC STEP NAME           YM02703
0001A8                             5946+RDNM     DS    CL8                       RDR DD NAME              YM02703
0001B0                             5947+RSNM     DS    CL8                       RDR STEP NAME            YM02703
0001B8                             5948+PPSN     DS    CL8                       PREVIOUS PROC STEP NAME  YM02703
0001C0                             5949+IWAPARM  DS    F   ADDRESS OF THE PARAMETER LIST USED FOR          O106
                                   5950+*                    PROCESSING IN-LINE PROCEDURES              O106
                                   5951+*                    SET AND USED BY IEFVINA AND IEFVEA         O106
0001C4                             5952+DREFB    DS    CL176       SYMBOLIC PARAMETER TABLE             Y02668
000274                             5953+IWAJOBS5 DS    F                  CHKP/REST - PTR TO SYSCHK DD    AAAA
000278                             5954+IWAWKBF  DS    F   ADDRESS OF THE WORK AREA GOTTEN BY IEFVHCB     O106
00027C                             5955+IWASTAPL DS    F         POINTER TO R/I STAE PARAMETER LIST     A39047
000280                             5956+CWAJMRPT DS    F                  POINTER TO JMR.
000284                             5957+IWANELJC DS    F         NEL JCL POINTER FIELD.                   I272
                                   5958+*                      STORED BY IEFVH1. USED BY IEFVFA FOR     I272
                                   5959+*                          INPUT TO POST SCAN ROUTINE           I272
000288                             5960+TBEGP    DS    F                       TEXT BEGIN POINTER
00028C                             5961+TKEYP    DS    F                       TEXT KEY POINTER
000290                             5962+TNUMP    DS    F                       TEXT NUMBER POINTER
000294                             5963+TLENP    DS    F                       TEXT LENGTH POINTER
000298                             5964+TENDP    DS    F                       TEXT END POINTER
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

00029C                           5965+AODSPCSA DS    F                   SAVE RETURN REGISTER IN VFA.  Y02668
0002A0                           5966+AOFDTMP1 DS    F                   ADDR OF SPECIAL FIND ROUTINE. Y02668
0002A4                           5967+AOKSCHSA DS    8F                  AOKSRCHR REG SAVE AREA.       Y02668
                          002A4  5968+AOGACSA  EQU   AOKSCHSA            GET AND CLEAR RTNE SAVE AREA. Y02668
                                 5969+*                                                               Y02668
0002C4                           5970+AOKSR1SA DS    2F                  AOKSR1 REG SAVE AREA.         Y02668
0002CC                           5971+AOHEBSA  DS    F                   VHEB RETURN REG SAVE AREA.    Y02668
0002D0                           5972+AODFLTSA DS    7F                  AODFAULT REG SAVE AREA.       Y02668
0002EC                           5973+AOBSKSA  DS    F                   AOBASEKY REG SAVE AREA.       Y02668
0002F0                           5974+CWASAVPT DS    F                   PTR TO SAVE AREA OF CVR'S     Y02668*
                                     +                                   CALLER - ALSO USED BY         Y02668*
                                     +                                   SUBSYSTEM AT TEXT EXIT.       Y02668
0002F4                           5975+AOFDPCSV DS    CL8                 PROCEDURE NAME.               Y02668
0002FC                           5976+AOSCHKYS DS    CL8                 LIST OF KEYS FOR AOKSRCHR.    Y02668
000304                           5977+IWABPAM  DS    CL3                 BPAM ACCESS METHOD ADDRESS M37390106
                                 5978+*                        SET AND USED BY IEFVEA FOR PROCESSING      O106
                                 5979+*                        IN-LINE PROCEDURES                         O106
                                 5980+*
000307                           5981+AOKSRPRM DS    CL3                 AOKSR1 PARM LIST.             Y02668
                          00307  5982+AOKSRNBR EQU   AOKSRPRM             NUMBER OF PARAMS THIS KEYWORD.Y02668
                          00308  5983+AOKSRSCT EQU   AOKSRPRM+1           LENGTH OF PARAM OR SUBLIST CT.
                          00309  5984+AOKSRBY3 EQU   AOKSRPRM+2           LENGTH OF PARAM IF AOKSRCT IS Y02668*
                                     +                                   A SUBLIST COUNT.              Y02668
00030A                           5985+IWANLRC  DS    H                   NUMBER RECORDS (BLOCKED PROC)   AABA
00030C                           5986+CURLE    DS    H                        CURRENT LEVEL
00030E                           5987+LASLE    DS    H                        LAST LEVEL
000310                           5988+AOSTRLTH DS    H                   LENGTH OF TEXT STRING.        Y02668
000312                           5989+IWAWRNMS DS    CL1                 WARNING MESSAGE CODE.         Y02668
000313                           5990+CWACHIDL DS    CL1                 CHECKID LENGTH.               Y02668
                                 5991+*
                                 5992+*  SWITCH BYTES.
                                 5993+*
000314                           5994+IWAJMSGL DS    CL1                 MSGLEVEL VALUE.               Y02668
                          00000  5995+AOMSGLV0 EQU   X'00'                BIT SETTING FOR MSGLEVEL=1.   Y02668
                          00010  5996+AOMSGLV1 EQU   X'10'                BIT SETTING FOR MSGLEVEL=1.   Y02668
                          00020  5997+AOMSGLV2 EQU   X'20'                BIT SETTING FOR MSGLEVEL=2.   Y02668
                                 5998+*
000315                           5999+AOSW2    DS    CL1                 SWITCH BYTE.
                          00080  6000+AOSWAWRT EQU   X'80'          SWA WRITE DONE FOR SYMBOLIC DICT  @ZA05366
                          00008  6001+AOPROCNM EQU   X'08'                PROCNAME POSITIONAL ON EXEC.  Y02668
000316                           6002+AOSW3    DS    CL1                                               Y02668
                          00001  6003+AOBTCHSW EQU   X'01'                RETURN TO VHA FLAG.           Y02668
000317                           6004+AOFDPCL  DS    CL1                 LENGTH OF PROCEDURE NAME.     Y02668
000318                           6005+IWAEXTS  DS    CL1           SPECIAL CALLER EXITS                 I171
                          00002  6006+IWASFIND EQU   2                        BIT-6 SPECIAL PROCLIB FINDI171
000319                           6007+IWAFINDP DS    CL3                      ENTRY POINT FOR 'FIND' ISSI171
                                 6008+*                                       FOR SPECIAL PROCLIB ACCESSI171
00031C                           6009+OSW2     DS    CL1                 OPTION SWITCHES FROM PARM FIELD
                          00003  6010+CMAUTH   EQU   3                        BITS-6,7 COMMAND AUTHORIZATION
00031D                           6011+SWA      DS    CL1                 SWITCH A
                          00080  6012+JTOP     EQU   128                      BIT-0  JOB TO PROCESS
                          00040  6013+JHS      EQU   64                       BIT-1 JOB HAS A STEP
                          00002  6014+EOFR     EQU   2                        BIT-6 EOF RECEIVED
                          00001  6015+DLM      EQU   1                        BIT-7 DLM KWD SPECIFIED YM03459
00031E                           6016+SWB      DS    CL1                 SWITCH B
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                            00080  6017+CXP      EQU   128                  BIT-0 CONTINUATION EXP BY SCAN
                            00040  6018+CXPN     EQU   64                   BIT-1 CONT EXP & NOT RECEIVED
                            00020  6019+CXPC     EQU   32                   BIT-2 CONT EXP & CANCELLED
                            00010  6020+CXPOP    EQU   16                   BIT-3 CONT EXP FOR
                                   6021+*                                   OPERAND FIELD          @ZA12458
                            00002  6022+FRCV     EQU   2                    BIT-6 1ST STMT RECEIVED
00031F                             6023+SWC      DS    CL1                SWITCH C
                            00040  6024+IOERR    EQU   64                   BIT-1 I/O ERROR ON INPUT
                            00020  6025+NRCV     EQU   32                   BIT-2 RDR NULL RECEIVED
                            00010  6026+PEXP     EQU   16                   BIT-3 PROCEDURE EXEC STMT EXPEC
000320                             6027+SWD      DS    CL1                SWITCH D
                            00020  6028+FEXRCV   EQU   32                   BIT-2 1ST EXEC RCVD THIS JOB
                            00001  6029+SYMPRC   EQU   1                    BIT-7 FIRST ACCESS OF PROC AAAA
000321                             6030+SWV      DS    CL1          SCAN SWITCHES     288              A24895
                                   6031+*                  THIS BYTE OF SWITCHES MOVED FROM SWA TO GIVE  A24895
                                   6032+*                  IT LIFE ACROSS CALLS OF IEFVFB.               A24895
                            00321  6033+OVKEYSWZ EQU   SWV          IF ON, THIS KEY OVERRIDDEN  187     A24895
                            00080  6034+OVKEYSW  EQU   128                                              A24895
                            00321  6035+PROCERRZ EQU   SWV          IF ON, ERROR THIS STATEMENT  187    A24895
                            00040  6036+PROCERR  EQU   64                                               A24895
                            00321  6037+VERBCSWZ EQU   SWV          187                                 A24895
                            00020  6038+VERBCSW  EQU   32                                               A24895
                            00321  6039+FBFLUSHZ EQU   SWV          SYMBOLIC PARM FLUSH INDICATOR       A24895
                            00010  6040+FBFLUSH  EQU   16                                               A24895
                            00321  6041+AMPSWZ   EQU   SWV          IF ON,TEXT DEFINES A SYMBOLIC PARM  A24895
                            00008  6042+AMPSW    EQU   8                                                A24895
                            00321  6043+FBLITRLZ EQU   SWV    IF ON, TEXT IS LITERAL(ENCLOSED IN QUOTES) A24895
                            00004  6044+FBLITRL  EQU   4                                                A24895
                            00321  6045+FPRNSWZ  EQU   SWV            IF ON, INDICATES LEFT PAREN       A24895
                            00002  6046+FPRNSW   EQU   2                                                A24895
                            00321  6047+LPBYSWZ  EQU   SWV            IF ON, BYPASS LEFT PAREN CHECK    A24895
                            00001  6048+LPBYSW   EQU   1                                                A24895
                            00321  6049+CLEARVZ  EQU   SWV            187                               A24895
                            000FE  6050+CLEARV   EQU   OVKEYSW+PROCERR+VERBCSW+FBFLUSH+AMPSW+FBLITRL+FPRNSW 895
                                   6051+*                             PROC STATEMENT PARAM LIST
000322                             6052+CRSW1    DS    CL1                CHECKPOINT RESTART SWITCHES    AACA
                            00080  6053+CPFLG    EQU   128  BIT 0         GET/FREE SYSCHK DD STMT CORE   AACA
                            00010  6054+CRRES1   EQU   16   BIT 3         RESERVED                       AACA
000323                             6055+         DS    CL1                 RESERVED                     Y02668
000324                             6056+SYMTTR   DS    F                   TTR OF FIRST SYMBUF
000328                             6057+IWANELEN DS    CL1      LENGTH OF NEL,SET BY IEFVH1,USED BY
                                   6058+*                           IEFVH2,IEFVHN,ETC.
                                   6059+*
000329                             6060+SWY      DS    CL1                 SCAN SWITCHES
00032A                             6061+SWZ      DS    CL1                 CONTROL AND SCAN JOINT SWITCHES
                            00080  6062+CMT      EQU   128                      COMMENT SWITCH
                            00040  6063+DDOV     EQU   64                       DD OVERRIDE SWITCH
                            00020  6064+ENDS     EQU   32                       END SCAN SWITCH
                            00010  6065+COLST    EQU   16                       COLUMN 72 SWITCH
                            00008  6066+JOBSW    EQU   8                        JOB SWITCH
                            00004  6067+EXECSW   EQU   4                        EXEC SWITCH
                            00002  6068+DDSW     EQU   2                        DD SWITCH
                            00001  6069+SNPSW    EQU   1                        STATEMENT SYSOUT SWITCH.
00032B                             6070+RCHAR1   DS    CL1                 RESERVED                    YM00373
00032C                             6071+CWALINK  DS    F                   PTR TO TEXT EXIT LINK AREA  YM00373
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

000330                           6072+CWALINKL DS    F                   LTH OF LINK AREA             YM00373
000334                           6073+CWAPSENM DS    CL8                 POST SCAN EXIT NAME          YM00373
00033C                           6074+CDAUTHWA DS    F                   COMD AUTH CONVERSION WK AREA.YM02718
000340                           6075+SSNMWA   DS    F                   WORKAREA FOR SSNAME        @G29AN2E
000344                           6076+RBLOCK   DS    19F                 BLOCK OF UNNAMED RES'D WDS.  YM02718
000390                           6077+RFULLA   DS    F                   RESERVED                     YM02718
000394                           6078+RFULLB   DS    F                   RESERVED                     YM02718
000398                           6079+RFULLC   DS    F                   RESERVED                     YM02718
00039C                           6080+RFULLD   DS    F                   RESERVED                     YM02718
0003A0                           6081+RFULLE   DS    F                   RESERVED                     YM02718
                                 6082+*          ********************************************************
                                 6083+*          *                                                      *
                                 6084+*          *             END OF CONVERTER WORK AREA.              *
                                 6085+*          *                                                      *
                                 6086+*          ********************************************************
                                 6087+*
0003A4                           6088+CVRWAEND DS    0C                                              YM00373
                      00230      6089+CVRWALTH EQU   CVRWAEND-CVRWA      LTH OF CVR WORK AREA.        Y02668
                      003A4      6090+WALTH    EQU   CVRWAEND-COMWA      LTH OF CVR+COMMON WORK AREAS. Y02668
                                 6091 *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  6093 ********************************************************************
                                  6094 *                                                                  *
                                  6095 * PPWORK                                                           *
                                  6096 * ******                                                           *
                                  6097 *                                                                  *
                                  6098 * THE FOLLOWING IS THE PRIVATE PROCEDURE LIBRARY SUPPORT WORK AREA.*
                                  6099 * IT IS POINTED TO BY THE "&ANCHOR" FIELD IN THE CONVERTER WORK   *
                                  6100 * AREA.                                                           *
                                  6101 *                                                                  *
                                  6102 ********************************************************************


                           00000  6104          USING PPWORK,R6
000000                            6105 PPWORK   DSECT                   USER PROCLIB WORK AREA
                                  6106 *
000000 0000000000000000           6107 PPSAVE   DC    9D'0'             SAVE AREA FOR ALL ENTRY POINTS
                                  6108 *                                THAT NEED A REGSITER SAVE AREA
000048 00000000                   6109 PPIEFVPP DC    V(IEFVPP)         BASE ADDRESS OF PROCLIB MODULE
00004C 00000000                   6110 PPVPP0   DC    V(IEFVPP0)        INITIALIZATION ENTRY POINT
000050 00000000                   6111 PPVPP1   DC    V(IEFVPP1)        JOBPROC DD ENTRY POINT
000054 00000000                   6112 PPVPP2   DC    V(IEFVPP2)        JOBPROC OPEN ENTRY POINT
000058 00000000                   6113 PPVPP3   DC    V(IEFVPP3)        JOBPROC CLOSE ENTRY POINT
00005C 00000000                   6114 PPVPP4   DC    V(IEFVPP4)        COMBINED CALL TO VPP1 & VPP2
000060 00000000                   6115 PPVPP5   DC    V(IEFVPP5)        IEFUJV INT TEXT INTERFACE
000064 00000000                   6116 PPVPPM   DC    V(IEFVPPM)        MESSAGE PROCESSOR ENTRY POINT
                           0001C  6117 PPVPPLEN EQU   *-PPVPP0          LENGTH OF ADDRESS VECTOR
                                  6118 *
000068 0000000000000000           6119 PPFUTURE DC    20F'0'            RESERVED FOR FUTURE USE
                                  6120 *
0000B8 00                         6121 PPSTAT0  DC    X'00'             STATUS FLAGS 0 (PER INVOCATION)
                           00080  6122 PP0CODE  EQU   X'80'                IEFVPP0 IS EXECUTING
                           00040  6123 PP1CODE  EQU   X'40'                IEFVPP1 IS EXECUTING
                           00020  6124 PP2CODE  EQU   X'20'                IEFVPP2 IS EXECUTING
                           00010  6125 PP3CODE  EQU   X'10'                IEFVPP3 IS EXECUTING
                           00008  6126 PPECODE  EQU   X'08'                ERROR RECOVERY IN PROGRESS
                           00004  6127 PPMCODE  EQU   X'04'                CONTROL PASSED TO IEFVGM
                           00002  6128 PPDACODE EQU   X'02'                CONTROL PASSED TO SVC 99
                           00001  6129 PPINITC  EQU   X'01'                INITIALIZATION IS COMPLETE
                                  6130 *
0000B9 00                         6131 PPSTAT1  DC    X'00'             STATUS FLAGS 1 (PER JOB):
                           00080  6132 PPJPERR  EQU   X'80'                ERROR NOTED IN JOBPROC STMT
                           00040  6133 PPHAVJP  EQU   X'40'                JOBPROC DD CARD IS PRESENT
                           00020  6134 PPJPBUSY EQU   X'20'                POSSIBLE JOBPROC CONCAT.
                           00010  6135 PPCONCJP EQU   X'10'                JOBPROC IS A CONCATENATION
                           00008  6136 PPSYSYES EQU   X'08'                SYSTEM PROCLIB IS REQUIRED
                           00004  6137 PPBUFGOT EQU   X'04'                NEW PROCLIB BUFFER OBTAINED
                           00002  6138 PPOPENED EQU   X'02'                USER PROCLIB DCB IS OPEN
                           00001  6139 PPCONCD  EQU   X'01'                JOBPROC IS NOW CONCATENATED
                                  6140 *
0000BA 00                         6141 PPSTAT2  DC    X'00'             STATUS FLAGS 2 (PER STATEMENT):
                           00080  6142 PPHAVDSN EQU   X'80'                  DSNAME PROVIDED
                           00040  6143 PPHAVSER EQU   X'40'                  VOLSER PROVIDED
                           00020  6144 PPHAVREF EQU   X'20'                  VOL=REF=DSNAME SPECIFIED
                           00010  6145 PPHAVUNT EQU   X'10'                  UNIT=" " SPECIFIED
                           00008  6146 PPRREQUE EQU   X'08'                  RE-QUEUE FOR CONVERSION
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   6147 *
0000BB                             6148 PPALLOC1 DS    BL4                ALLOCATION STATUS FLAGS
                                   6149 *                                    ONE STATUS BIT PER DDNAME
                                   6150 *                                     ON -> DDNAME IS ALLOCATED
                                   6151 *
                                   6152 *        THE FOLLOWING TRACE FLAGS ARE USED FOR ERROR RECOVERY
                                   6153 *
0000BF 00                          6154 PPTRPP0  DC    X'00'              TRACE FLAGS FOR IEFVPP0
0000C0 00                          6155 PPTRPP1  DC    X'00'              TRACE FLAGS FOR IEFVPP1
0000C1 00                          6156 PPTRPP2  DC    X'00'              TRACE FLAGS FOR IEFVPP2
                           00080   6157 PPTRPP2E EQU   X'80'                 PP2 CALLED FOR CURRENT JOB
                           00040   6158 PPTRDCON EQU   X'40'                 DYNAMIC CONCAT IN PROGRESS
                           00020   6159 PPTROPEN EQU   X'20'                 PROCLIB OPEN IN PROGRESS
                           00010   6160 PPTRS213 EQU   X'10'                 USER DATA SET "NOT FOUND"
0000C2 00                          6161 PPTRPP3  DC    X'00'              TRACE FLAGS FOR IEFVPP3
                           00080   6162 PPTRDDCN EQU   X'80'                 DYNAMIC DE-CON IN PROGRESS
                           00040   6163 PPTRDDAL EQU   X'40'                 DYNAMIC DE-ALOC IN PROGRESS
0000C3 00                          6164 PPMISC   DC    X'00'              MISCELLANEOUS FLAGS
                           00080   6165 PPDEBUG  EQU   X'80'                 ALL SORTS OF DEBUGGING CODE
                           00040   6166 PPESTAE  EQU   X'40'                 ESTAE HAS BEEN ISSUED
                           00020   6167 PPNOSYSP EQU   X'20'                 SYSPROC UNAVAILABLE
                                   6168 *
0000C4 00000000                    6169 PPTIOTAD DC    A(*-*)             ADDRESS OF TIOT
0000C8 0000                        6170 PPJPCNT  DC    Y(*-*)             NO. OF JOBPROC DD STATEMENTS
0000CA 0000                        6171 PPJPMAX  DC    Y(*-*)             MAXIMUM USER PROCLIBS ALLOWED
0000CC 00000000                    6172          DC    2H'0'              RESERVED FOR FUTURE USE
                                   6173 *
0000D0 00000000                    6174 PPSDCBA  DC    A(*-*)             -> ORIGINAL IEFPDSI DCB
0000D4 00000000                    6175 PPSBUFA  DC    A(*-*)             -> ORIG. PDSI BUF(IF REPLACED)
0000D8 00000000                    6176 PPBUFAD  DC    A(*-*)             -> NEW PROCLIB BUF(IF REPLACED)
0000DC C9C5C65CD7C4E2C9            6177 PPSYSNAM DC    CL8'IEF*PDSI'      NAME OF SYSTEM PROCLIB DD
                                   6178 *
                                   6179 PPDCB    DCB   DDNAME=IEF*PDS0,DSORG=PO,MACRF=(R)


                                   6181+*                   DATA CONTROL BLOCK                          22770020
                                   6182+*                                                               22860020
0000E4                             6183+PPDCB    DC    0F'0'                ORIGIN ON WORD BOUNDARY      22914020

                                   6185+*                   DIRECT ACCESS DEVICE INTERFACE              27360020

0000E4 0000000000000000            6187+         DC    BL16'0'               FDAD,DVTBL                   27540020
0000F4 00000000                    6188+         DC    A(0)                  KEYLE,DEVT,TRBAL             27720020

                                   6190+*                   COMMON ACCESS METHOD INTERFACE              48690020

0000F8 00                          6192+         DC    AL1(0)                BUFNO                        49050020
0000F9 000001                      6193+         DC    AL3(1)                BUFCB                        54720020
0000FC 0000                        6194+         DC    AL2(0)             BUFL                            55170020
0000FE 0200                        6195+         DC    BL2'0000001000000000'                             *55800020
                                     +                                                 DSORG              55890020
000100 00000001                    6196+         DC    A(1)                  IOBAD                        56340020

                                   6198+*                   FOUNDATION EXTENSION                        56610020
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

000104 00                        6200+         DC    BL1'00000000'                BFTEK,BFLN,HIARCHY        59850020
000105 000001                    6201+         DC    AL3(1)                  EODAD                          65970020
000108 00                        6202+         DC    BL1'00000000'                                         *66150020
                                    +                                      RECFM                          66240020
000109 000000                    6203+         DC    AL3(0)                  EXLST                          66330020

                                 6205+*                    FOUNDATION BLOCK                              66690020

00010C C9C5C65CD7C4E2F0          6207+         DC    CL8'IEF*PDS0'           DDNAME                         66870020
000114 02                        6208+         DC    BL1'00000010'           OFLGS                          68220020
000115 00                        6209+         DC    BL1'00000000'                        IFLG              68310020
000116 2400                      6210+         DC    BL2'0010010000000000'                                 *68400020
                                    +                                                                     *68490020
                                    +                                      MACR                           68580020

                                 6212+*                    BSAM-BPAM-QSAM INTERFACE                      74430020

000118 00                        6214+         DC    BL1'00000000'                                         *74610020
                                    +                                                                RER1 74700020
000119 000001                    6215+         DC    AL3(1)                  CHECK, GERR, PERR              74790020
00011C 00000001                  6216+         DC    A(1)                    SYNAD                          74880020
000120 0000                      6217+         DC    H'0'                    CIND1, CIND2                   74970020
000122 0000                      6218+         DC    AL2(0)                  BLKSIZE                        75240020
000124 00000000                  6219+         DC    F'0'                    WCPO, WCPL, OFFSR, OFFSW       75870020
000128 00000001                  6220+         DC    A(1)                    IOBA                           75960020
00012C 00                        6221+         DC    AL1(0)                  NCP                            76050020
00012D 000001                    6222+         DC    AL3(1)                  EOBR, EOBAD                    76140020

                                 6224+*                    BSAM-BPAM INTERFACE                           76410020

000130 00000001                  6226+         DC    A(1)                    EOBW                           76590020
000134 0000                      6227+         DC    H'0'                    DIRCT                          78210020
000136 0000                      6228+         DC    AL2(0)           LRECL                                 80730020
000138 00000001                  6229+         DC    A(1)                    CNTRL, NOTE, POINT             78480020
                       0010C     6230 PPUSRDDN EQU   PPDCB+(DCBDDNAM-IHADCB) PRIVATE PROCLIB DDNAME
                                 6231 *
00013C 00000000                  6232 PPDAARGL DC    A(0)                DYN ALLOC ARG LIST
000140 0000000000000000          6233 PPDARB   DC    0CL20' ',5F'0'      DYN ALLOC REQUEST BLOCK
000154 0000000000000000          6234 PPDATXTL DC    6A(*-*)             DYN ALLOC TEXT POINTERS
                                 6235 *
00016C 0000                      6236 PPDDNAMK DC    Y(*-*)              DDNAME KEY FOR DYN ALLOC
00016E 0000                      6237 PPDDNAM# DC    Y(*-*)                    NO. OF LENGTH-PARM ITEMS:
000170 0008                      6238 PPDDNAML DC    Y(8)                      DDNAME LENGTH
000172 C9C5C65CD7C4E2F0          6239 PPDDNAME DC    CL8'IEF*PDS0'             DDNAME STRING
                                 6240 *
00017A 0000                      6241 PPDSNAMK DC    Y(*-*)              DSNAME KEY FOR DYN ALLOC
00017C 0001                      6242 PPDSNAM# DC    Y(1)                      NO. OF LENGTH-PARM ITEMS:
00017E 0000                      6243 PPDSNAML DC    Y(*-*)                    DSNAME LENGTH
000180 4040404040404040          6244 PPDSNAME DC    CL44' '                   USER PROCLIB DSNAME
                                 6245 *
0001AC 0000                      6246 PPVOLSEK DC    Y(*-*)              VOLSER KEY FOR DYN ALLOC
0001AE 0001                      6247 PPVOLSE# DC    Y(1)                      NO. OF LENGTH-PARM ITEMS:
0001B0 0000                      6248 PPVOLSEL DC    Y(*-*)                    VOLSER LENGTH
0001B2 4040404040404040          6249 PPVOLSER DC    CL8' '                    USER PROCLIB VOLSER
                                 6250 *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

0001BA 0000                      6251 PPUNITK  DC    Y(*-*)             UNIT KEY FOR DYN ALLOC
0001BC 0001                      6252 PPUNIT#  DC    Y(1)                     NO. OF LENGTH-PARM ITEMS
0001BE 0000                      6253 PPUNITL  DC    Y(*-*)                   UNIT LENGTH
0001C0 4040404040404040          6254 PPUNIT   DC    CL8' '                   USER PROCLIB UNIT
                                 6255 *
0001C8 0000                      6256 PPSDISPK DC    Y(*-*)             STATUS DISPOSITION KEY
0001CA 0001                      6257 PPSDISP# DC    Y(1)                     NO. OF LENGTH-PARM ITEMS
0001CC 0001                      6258 PPSDISPL DC    Y(1)                     DISPOSITION CODE LENGTH
0001CE 04                        6259 PPSDISP  DC    X'04'                    DISP CODE (NEW DEFAULT)
                                 6260 *
0001CF 00
0001D0 0000                      6261 PPVLREFK DC    Y(*-*)             VOLUME REFERENCE TO DSNAME KEY
0001D2 0001                      6262 PPVLREF# DC    Y(1)                     NO. OF LENGTH-PARM ITEMS
0001D4 0000                      6263 PPVLREFL DC    Y(*-*)                   REFERENCE DSNAME LENGTH
0001D6 4040404040404040          6264 PPVOLREF DC    CL44' '                  VOLUME REFERENCE DSNAME
                                 6265 *
000202 0000                      6266 PPCONCDK DC    Y(*-*)             DDNAME KEY FOR CONCATENATIONS
000204 0000                      6267 PPCONCD# DC    Y(*-*)                NUMBER OF LENGTH-PARM ITEMS:
000206 0000000000000000          6268 PPCONCDD DC    16XL10'00'               DDNAME LTH & TEXT(MAX=16)
                                 6269 *
0002A8                           6270 PPDFPARM DS    5F                       DAIRFAIL PARM LIST
0002BC                           6271 PPDFF02A DS    A                        DAIRFAIL - IKJEFF02 WORD
0002C0                           6272 PPDFRETC DS    F                        DAIRFAIL RETURN CODE
0002C4                           6273 PPDFIDN  DS    H                        DAIRFAIL CALLER IDENT.
                                 6274 *
                                 6275 PPESTAEP ESTAE *-*,TERM=YES,MF=L
                                 6276+*    MACDATE Y-1 75302                                  00160004
0002C8                           6277+         DS    0F                                       05400000
0002C8 16                        6278+PPESTAEP DC    AL1(22)                FLAGS FOR TCB,PURGE,ASYNCH  05450004
0002C9 000000                    6279+         DC    AL3(*-*)               STAE EXIT ROUTINE ADDR.     05750004
0002CC 00000000                  6280+         DC    A(0)                   PARM. LIST ADDR. NOT SPECIFIED 05850004
0002D0 00000000                  6281+         DC    A(0)                   TCB NOT SPECIFIED           06250004
0002D4 40                        6282+         DC    AL1(64)                FLAGS                       06270004
0002D5 000000                    6283+         DC    AL3(0)                 RESERVED                    06310002
                        00010    6284 PPSTAEPL EQU   *-PPESTAEP       AREA LENGTH
                                 6285 *
                                 6286 PPOCLST  OPEN  (PPDCB,(INPUT)),MF=L
0002D8                           6287+PPOCLST  DC    0F'0'                          ALIGN LIST TO FULLWORD 00480001
0002D8 80                        6288+         DC    AL1(128)                       OPTION BYTE            01500000
0002D9 0000E4                    6289+         DC    AL3(PPDCB)                     DCB ADDRESS            01620001
                                 6290 *
                                 6291 PPLOCPRM CAMLST NAME,*-*,,*-*     PARM LIST FOR LOCATE
0002DC                           6292+PPLOCPRM DS    0F                             ALIGN ON FULL WORD     00349401
0002DC 44                        6293+         DC    AL1(68)                        THREE BYTES OF FLAGS   00349501
0002DD 00                        6294+         DC    AL1(0)                         INDICATING THE FUNC-   00349601
0002DE 00                        6295+         DC    AL1(0)                         TION TO BE PERFORMED   00399601
0002DF 00                        6296+         DC    AL1(0)                         NO OPTION THREE        00419601
0002E0 00000000                  6297+         DC    A(*-*)                         PARAMETER TWO          00441601
0002E4 00000000                  6298+         DC    A(0)                           PARAM. THREE OMMITTED  00445601
0002E8 00000000                  6299+         DC    A(*-*)                         PARAMETER FOUR         00448801
                                 6300 *
0002F0                           6301          DS    0D
0002F0                           6302 PPLOCWRK DS    CL268              WORK AREA FOR LOCATE
                                 6303 *
0003FC                           6304 PPWTOWRK DS    CL144              WTO MESSAGE AREA
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   6305 *
000490                             6306           DS    0D                  ALIGN TO A DOUBLE WORD
                          00490    6307 PPWRKEND  EQU   *                   END OF PRIVATE PROCLIB ADD-ON
                          00490    6308 PPWORKLN  EQU   *-PPWORK             WORK AREA LENGTH
                                   6309 *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  6311          IEFTXTFT ,
                                  6312+*%TEXTPLS:;                                                      01600002
                                  6313+*/*                                                              02000002
                                  6314+*                                                                02400002
                                  6315+*   MACMEAN  IEFTXTFT MEANS TEXT FORMAT                          02800002
                                  6316+*   MACCOMP  Y-2  SC1B9/PZD02                          @G16APPK 03200003
                                  6317+*   MACSTAT  Y-2  76322/G16APPK                        @G16APPK 03250003
                                  6318+*                                                                04000002
                                  6319+*****************************************************************  04400002
                                  6320+*                                                               *  04800002
                                  6321+*  THIS MACRO IS USED TO MAP THE INTERNAL TEXT GENERATED BY THE  *  05200002
                                  6322+*  CONVERTER.   THE MACRO REFLECTS THE NEW FORMAT FOR INTERNAL TEXT,  *  05600002
                                  6323+*  IMPLEMENTED IN SUPPORT OF VS/2.   THE FORMATS FOR JOB,        *  06000002
                                  6324+*  PROC/EXEC AND DD DIFFER EXCEPT FOR THE FIRST TWO FIELDS -     *  06400002
                                  6325+*  THE LENGTH AND STATEMENT TYPE FIELDS ARE COMMON TO ALL THREE   *  06800002
                                  6326+*  FORMATS.  SUBSEQUENT REFERENCES TO A PARTICULAR TEXT STRING    *  07200002
                                  6327+*  ARE BASED UPON THE SETTING OF THE STATEMENT TYPE(STRINDCS).    *  07600002
                                  6328+*  FIELDS PRECEDING THE FIRST KEY FIELD ARE REFERRED TO AS THE    *  08000002
                                  6329+*  TEXT STRING PREFIX.                                           *  08400002
                                  6330+*                                                               *  08800002
                                  6331+* STATUS - VS2 SU16 - IN THIS MACRO, SU 16 SUPPORTS          @G16APPK*  08850003
                                  6332+*           VPSS SUPPORT (SU 29 - @G29AN2E).                 @G16APPK*  08900003
                                  6333+*           MERGE SU 4,10,16 CODE TO REL 037 BASE PTF        @ZA28955*  08920003
                                  6334+*           ADD DTXPROC TO STRDINDC FOR USE IN IEFVFA & IEFVHE @ZA53693*  08935003
                                  6335+*                                                               *  08950003
                                  6336+*****************************************************************  09200002
                                  6337+*                                                              */  09600002
                                  6338+*       %GOTO    DCLPLS;                                         10000002
                                  6339+*/*                                                              10400002
000000                            6340+TEXT     DSECT                                                   10800002
                                  6341+*                                                                11200002
                                  6342+*  THE FOLLOWING FIELDS ARE COMMON TO ALL TEXT STRING TYPES.     11600002
                                  6343+*                                                                12000002
000000                            6344+STRLTH   DS    CL2               LENGTH OF TEXT STRING.          12400002
000002                            6345+STRINDCS DS    CL1               STATEMENT TYPE AND              12800002
                                  6346+*                                MISCELLANEOUS INDICATORS        13200002
                       00001      6347+JOBSTR   EQU   X'01'             JOB STATEMENT TEXT STRING       13600002
                       00002      6348+EXECSTR  EQU   X'02'             EXEC STATEMENT TEXT STRING      14000002
                       00004      6349+DDSTR    EQU   X'04'             DD STATEMENT TEXT STRING        14400002
                       00008      6350+PROCSTR  EQU   X'08'             PROC STATEMENT TEXT STRING      14800002
                       00010      6351+LASTSTMT EQU   X'10'             LAST STMT FOR THIS STEP.        15200002


                                  6353+*                                                                16000002
                                  6354+*  FORMAT FOR JOB TEXT STRING                                    16400002
                                  6355+*****************************************************           16800002
                                  6356+*              2*        1*        1*        1*        1*    1*  17200002
                                  6357+*     STRLTH    *STRINDCS *STRJINDC *STRJIND2 *STRJLABD *STRJKEY  *  17600002
                                  6358+*              2*        1*        1*        1*        1*    1*  18000002
                                  6359+*****************************************************           18400002
                                  6360+*                                                                18800002
                                  6361+*                                                                19200002
000003                            6362+STRJINDC DS    CL1               JOB INDICATORS                  19600002
                       00001      6363+JTXACCTN EQU   X'01'             ACCT NO. REQUIRED.              20000002
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                            00002  6364+JTXPROGN EQU   X'02'              PROGRAMMER NAME REQUIRED.            20400002
                            00004  6365+JTXJOBFL EQU   X'04'              JOB HAS BEEN FAILED.                 20800002
                            00008  6366+JTXSYSCK EQU   X'08'              JOB HAS SYSCHK DD.                   21200002
                            00010  6367+JTXCPSTF EQU   X'10'              C/R - FLUSH TO RESTART STEPNAME.     21600002
                            00020  6368+JTXMHEDR EQU   X'20'              MESSAGE HEADER HAS BEEN WRITTEN.     22000002
                            00040  6369+JTXREGDF EQU   X'40'              REGION VALUE IS A DEFAULT.           22400002
                                   6370+*                                                                      22800002
000004                             6371+STRJIND2 DS    CL1                BYTE 2 OF JOB TEXT INDICATORS.       23200002
                                   6372+*                                                                      23600002
000005                             6373+STRJLABD DS    CL1                BYPASS LABEL PROCESSING DEFAULT.     24000002
                                   6374+* ENTIRE BYTE IS USED, AS IEFVDA OR'S BYTE DIRECTLY INTO JFCB.          24400002
                            00001  6375+JTXLABNL EQU   X'01'              DEFAULT IS NO LABEL.                 24800002
                            00010  6376+JTXLABLP EQU   X'10'              DEFAULT IS BYPASS LABEL              25200002
                                   6377+*                                 PROCESSING.                          25600002
                                   6378+*  END OF JOB TEXT STRING PREFIX                                       26000002
000006                             6379+STRJKEY  DS    0C                 VERB KEY FOR JOB TEXT STRING         26400002
                            00006  6380+STRJPFXL EQU   STRJKEY-TEXT       LENGTH OF JOB TEXT STRING PREFIX     26800002



                                   6382+*                                                                      27600002
                                   6383+*  FORMAT FOR EXEC/PROC TEXT STRINGS                                   28000002
                                   6384+*********************************************                       28400002
                                   6385+*                  2*         1*       1*        1*                   28800002
                                   6386+*     STRLTH        *STRINDCS *STREINDC *STREKEY  *                   29200002
                                   6387+*                   *         *         *         *                   29600002
                                   6388+*********************************************                       30000002
                                   6389+*                                                                      30400002
                                   6390+*                                                                      30800002
000006                      00003  6391+         ORG   STRINDCS+1                                             31200002
                                   6392+*                                                                      31600002
000003                             6393+STREINDC DS    CL1                EXEC INDICATORS.                     32000002
                            00001  6394+ETXCPFLG EQU   X'01'              CHECKPT/RESTART EXEC STMT.           32400002
                            00002  6395+ETXSTPCT EQU   X'02'              STEP HAS A STEPCAT DD.               32800002
                            00004  6396+ETXSTPLB EQU   X'04'              STEP HAS A STEPLIB DD.               33200002
                            00008  6397+ETXPROC  EQU   X'08'              STATEMENT IS FROM A PROC.            33600002
                            00010  6398+ETXNODD  EQU   X'10'              STEP HAS NO DD STATEMENTS.           34000002
                            00020  6399+ETXPRCV  EQU   X'20'              STATEMENT INVOKES A PROCEDURE.       34400002
                                   6400+*  END OF EXEC/PROC TEXT STRING PREFIX                                 34800002
000004                             6401+STREKEY  DS    0C                 VERB KEY FOR EXEC/PROC TEXT STRING   35200002
                            00004  6402+STREPFXL EQU   STREKEY-TEXT       LENGTH OF EXEC/PROC TEXT STRING PFX  35600002



                                   6404+*                                                                      36400002
                                   6405+*  FORMAT FOR DD TEXT STRINGS                                          36800002
                                   6406+*********************************************                       37200002
                                   6407+*                  2*         1*       1*        1*                   37600002
                                   6408+*     STRLTH        *STRINDCS *STRDINDC *STRDKEY  *                   38000002
                                   6409+*                   *         *         *         *                   38400002
                                   6410+*********************************************                       38800002
                                   6411+*                                                                      39200002
                                   6412+*                                                                      39600002
000004                      00003  6413+         ORG   STRINDCS+1                                             40000002
                                   6414+*                                                                      40400002
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

000003                           6415+STRDINDC DS    CL1                 DD TEXT STRING INDICATORS.           40800002
                                 6416+*                                                                       41200002
                          00001  6417+DTXDUMMY EQU   X'01'                DUMMY SPECIFIED ON STATEMENT.        41600002
                          00002  6418+DTXDDNM  EQU   X'02'                DDNAME= SPECIFIED ON STATEMENT.      42000002
                          00004  6419+DTXDSNLT EQU   X'04'                DSNAME SPECIFIED AS A LITERAL.       42400002
                          00008  6420+DTXDYNAM EQU   X'08'                DYNAM SPECIFIED ON STATEMENT.        42800002
                          00010  6421+DTXSYSIN EQU   X'10'                TEXT IS FOR A SPOOLED DATA SET.      43200002
                          00020  6422+DTXSYOUT  EQU  X'20' TEXT IS FOR A SYSOUT DATA SET                      43600002
                          00040  6423+DTXSUBSK EQU   X'40'                SUBSYS= SPECIFIED ON STMT   @G29AN2E 43650003
                          00080  6424+DTXPROC  EQU   X'80'                STATEMENT IS FROM A PROC.   @ZA53693 43700003
                                 6425+*                                                                       44000002
                                 6426+*  END OF DD TEXT STRING PREFIX                                         44400002
000004                           6427+STRDKEY  DS    0C                  VERB KEY FOR DD TEXT STRING          44800002
                          00004  6428+STRDPFXL EQU   STRDKEY-TEXT         LENGTH OF DD TEXT STRING PREFIX      45200002
                                 6429 *
                                 6430 ************************************************************************
                                 6431 *                                                                      *
                                 6432 *        THE FOLLOWING SYMBOL IS USED IN THE DD CARD INTERNAL TEXT      *
                                 6433 *        HEADER TO INDICATE A JOBPROC DD STATEMENT.  ITS VALUE MUST     *
                                 6434 *        BE USED IN THE SUPERZAP TO IEFVHE THAT CHECKS FOR A JOBPROC    *
                                 6435 *        DD STATEMENT AND IGNORES IT.  IT IS DEFINED HERE TO AVOID      *
                                 6436 *        HAVING TO MAKE CHANGES TO THE IEFTXTFT MACRO.  THIS VALUE      *
                                 6437 *        WAS PREVIOUSLY USED TO SET A FLAG IN FIELD "STRDINDC".         *
                                 6438 *        HOWEVER, SUBSEQUENT MAINTENANCE HAS USED THAT FIELD.  IT IS    *
                                 6439 *        NOW USED TO SET A FLAG IN FIELD "STRINDCS".  THE SUPERZAP      *
                                 6440 *        TO IEFVHE MUST BE CHANGED ACCORDINGLY.                         *
                                 6441 *                                                                      *
                                 6442 ************************************************************************
                                 6443 *
                          00080  6444 JPROCSTR EQU   X'80'                TEXT IS FOR A JOBPROC DD CARD
                                 6445 *
```

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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  6447          IEFVKEYS  ,
                                  6448+* MACMEAN VKEYS MEANS TABLE OF INTERNAL KEYS          Y02668 00650002
                                  6449+* MACCOMP Y-3 SC1B9/PZD02                          @G16APPK 00700003
                                  6450+* MACSTAT Y-3 76218/G16APPK                        @G16APPK 00750003
                                  6451+* STATUS - VS2 SU 16 - IN THIS MODULE, SU16 SUPPORTS @G16APPK 00800003
                                  6452+*           VPSS SUPPORT(SU 29 - @G29AN2E) AND RACF @G16APPK 00850003
                                  6453+*           VERSION 2(SU 32 - @G33HPPJ).            @G16APPK 00900003
                                  6454+*           MERGE SU 4,10,16 CODE TO REL 37 BASE PTF @ZA28955 00950003
                                  6455+*                              VERB    KEYWORD       19874 01200019
                           00000  6456+ETEND    EQU   X'00'   *     NONE    DICTIONARY END  19874 01500019
                                  6457+*        EQU   X'01'   *     DD      RESERVED        19874 01800019
                                  6458+*        EQU   X'02'   *     DD      RESERVED        19874 02100019
                                  6459+*        EQU   X'03'   *     DD      RESERVED        19874 02400019
                                  6460+*        EQU   X'04'   *     DD      RESERVED        19874 02700019
                                  6461+*        EQU   X'05'   *     DD      RESERVED        19874 03000019
                                  6462+*        EQU   X'06'   *     DD      RESERVED        19874 03300019
                                  6463+*        EQU   X'07'   *     DD      RESERVED        19874 03600019
                                  6464+*        EQU   X'08'   *     DD      RESERVED        19874 03900019
                                  6465+*        EQU   X'09'   *     DD      RESERVED        19874 04200019
                                  6466+*        EQU   X'0A'   *     DD      RESERVED        19874 04500019
                                  6467+*        EQU   X'0B'   *     DD      RESERVED        19874 04800019
                                  6468+*        EQU   X'0C'   *     DD      RESERVED        19874 05100019
                                  6469+*        EQU   X'0D'   *     DD      RESERVED        19874 05400019
                                  6470+*        EQU   X'0E'   *     DD      RESERVED        19874 05700019
                                  6471+*        EQU   X'0F'   *     DD      RESERVED        19874 06000019
                                  6472+*        EQU   X'10'   *     DD      RESERVED        19874 06300019
                                  6473+*        EQU   X'11'   *     DD      RESERVED        19874 06600019
                                  6474+*        EQU   X'12'   *     DD      RESERVED        19874 06900019
                                  6475+*        EQU   X'13'   *     DD      RESERVED        19874 07200019
                                  6476+*        EQU   X'14'   *     DD      RESERVED        19874 07500019
                                  6477+*        EQU   X'15'   *     DD      RESERVED        19874 07800019
                                  6478+*        EQU   X'16'   *     DD      RESERVED       I21042 07850001
                                  6479+*        EQU   X'17'   *     DD      RESERVED        19874 08100019
                                  6480+*        EQU   X'18'   *     DD      RESERVED        19874 08400019
                                  6481+*        EQU   X'19'   *     DD      RESERVED        19874 08700019
                                  6482+*        EQU   X'1A'   *     DD      RESERVED        19874 09000019
                           0001B  6483+PROTECTK  EQU   X'1B'   *     DD      PROTECT=      @G32HPPJ 09300003
                           0001C  6484+SUBSYSK   EQU   X'1C'   *     DD      SUBSYS=       @G29AN2E 09350003
                           0001D  6485+CHARSK    EQU   X'1D'   *     DD      CHARS=        @Z40MPTH 09400003
                           0001E  6486+MODIFYK   EQU   X'1E'   *     DD      MODIFY=       @Z40MPTH 09450003
                           0001F  6487+FLASHK    EQU   X'1F'   *     DD      FLASH=        @Z40MPTH 09500003
                           00020  6488+BURSTK    EQU   X'20'   *     DD      BURST=        @Z40MPTH 09550003
                           00021  6489+DSIDK     EQU   X'21'   *     DD      DSID=         @Y30OPSB 11100003
                           00022  6490+MSVGPK    EQU   X'22'   *     DD      MSVGP=        @Y30LPSB 11400003
                           00023  6491+HOLDK     EQU   X'23'   *     DD      HOLD=           Y02668 11700002
                           00024  6492+SYSINCTK  EQU   X'24'   *     DD      INTERNAL KEY- NUMBER SYSIN  Y02668 12000002
                                  6493+*                                    RECORDS SPOOLED BY JESS     Y02668 12050002
                           00025  6494+DESTK     EQU   X'25'   *     DD      DEST=           Y02668 12300002
                           00026  6495+FRIDMK    EQU   X'26'   *     DD      FRID=           Y02670 12600002
                           00027  6496+FREEK     EQU   X'27'   *     DD      FREE=           Y02670 12900002
                           00028  6497+AMPK      EQU   X'28'   *     DD      AMP=            Y01113 13200001
                           00029  6498+FUNCMK    EQU   X'29'   *     DD      FUNC=            21088 13500001
                           0002A  6499+DIAGNSK   EQU   X'2A'   *     DD      DIAGNS=        I21042 13550001
                           0002B  6500+DLMK      EQU   X'2B'   *     DD      DLM=            21009 14100001
                           0002C  6501+FCBK      EQU   X'2C'   *     DD      FCB=            20202 14150001
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                            0002D  6502+TERMK    EQU   X'2D'   *     DD      TERM=                    20002 14700020
                            0002E  6503+THRESHMK EQU   X'2E'   *     DD      THRESH=                  20001 15000020
                            0002F  6504+RESERVMK EQU   X'2F'   *     DD      RESERVE=                 20002 15300020
                            00030  6505+PCIMK    EQU   X'30'   *     DD      PCI=                     20002 15600020
                            00031  6506+BUFMAXMK EQU   X'31'   *     DD      BUFMAX=                  20002 15900020
                            00032  6507+BUFOUTMK EQU   X'32'   *     DD      BUFOUT=                  20002 16200020
                            00033  6508+BUFINMK  EQU   X'33'   *     DD      BUFIN=                   20002 16500020
                            00034  6509+BUFSIZMK EQU   X'34'   *     DD      BUFSIZE=                 20002 16800020
                            00035  6510+DYNAK    EQU   X'35'   *     DD      DYNAM                    20002 17100020
                            00036  6511+QNAMEK   EQU   X'36'   *     DD      QNAME=                   20002 17400020
                            00037  6512+BUFOFFMK EQU   X'37'   *     DD      BUFOFF                   19200 17700020
                            00038  6513+OUTLIMK  EQU   X'38'   *     DD      OUTLIM                   19028 18000019
                            00039  6514+IPLTXIDK EQU   X'39'   *     DD      IPLTXID=               Y01948 18300001
                            0003A  6515+COPIESK  EQU   X'3A'   *     DD      COPIES=                Y02668 18600002
                            0003B  6516+GDSORGMK EQU   X'3B'   *     DD      GDSORG=                  19874 18900019
                            0003C  6517+GNCPMK   EQU   X'3C'   *     DD      GNCP=                    19874 19200019
                            0003D  6518+UCSK     EQU   X'3D'   *     DD      UCS=                     19874 19500019
                            0003E  6519+DUMMK    EQU   X'3E'   *     DD      DUMMY                    19874 19800019
                            0003F  6520+CHKPTK   EQU   X'3F'   *     DD      CHKPT=                 @Z30JPSF 20100003
                            00040  6521+DCBK     EQU   X'40'   *     DD      DCB=                     19874 20400019
                            00041  6522+UNITK    EQU   X'41'   *     DD      UNIT=                    19874 20700019
                            00042  6523+LABELK   EQU   X'42'   *     DD      LABEL=                   19874 21000019
                            00043  6524+VOLUMEK  EQU   X'43'   *     DD      VOLUME=                  19874 21300019
                            00044  6525+AFFK     EQU   X'44'   *     DD      AFF=                     19874 21600019
                            00045  6526+SEPK     EQU   X'45'   *     DD      SEP=                     19874 21900019
                            00046  6527+DISPK    EQU   X'46'   *     DD      DISP=                    19874 22200019
                            00047  6528+SPACEK   EQU   X'47'   *     DD      SPACE=                   19874 22500019
                            00048  6529+SPLITK   EQU   X'48'   *     DD      SPLIT=                   19874 22800019
                            00049  6530+DDNAMEK  EQU   X'49'   *     DD      DDNAME=                  19874 23100019
                            0004A  6531+DSNAMEK  EQU   X'4A'   *     DD      DSNAME=                  19874 23400019
                            0004B  6532+SYSOUTK  EQU   X'4B'   *     DD      SYSOUT=                  19874 23700019
                            0004C  6533+SUBALLOK EQU   X'4C'   *     DD      SUBALLOC=                19874 24000019
                            0004D  6534+AFFMK    EQU   X'4D'   *     DD      AFF=        MINOR        19874 24300019
                            0004E  6535+SEPMK    EQU   X'4E'   *     DD      SEP=        MINOR        19874 24600019
                            0004F  6536+SERMK    EQU   X'4F'   *     DD      SER=                     19874 24900019
                            00050  6537+REFMK    EQU   X'50'   *     DD      REF=                     19874 25200019
                            00051  6538+EXPDTMK  EQU   X'51'   *     DD      EXPDT=                   19874 25500019
                            00052  6539+RETPDMK  EQU   X'52'   *     DD      RETPD=                   19874 25800019
                            00053  6540+BFALNMK  EQU   X'53'   *     DD      BFALN=                   19874 26100019
                            00054  6541+BFTEKMK  EQU   X'54'   *     DD      BFTEK=                   19874 26400019
                            00055  6542+BLKSIZMK EQU   X'55'   *     DD      BLKSIZE=                 19874 26700019
                            00056  6543+BUFLMK   EQU   X'56'   *     DD      BUFL=                    19874 27000019
                            00057  6544+BUFNOMK  EQU   X'57'   *     DD      BUFNO=                   19874 27300019
                            00058  6545+BUFRQMK  EQU   X'58'   *     DD      BUFRQ=                   19874 27600019
                            00059  6546+CODEMK   EQU   X'59'   *     DD      CODE=                    19874 27900019
                            0005A  6547+CPRIMK   EQU   X'5A'   *     DD      CPRI=                    19874 28200019
                            0005B  6548+CYLOFLMK EQU   X'5B'   *     DD      CYLOFL=                  19874 28500019
                            0005C  6549+HIARCHMK EQU   X'5C'   *     DD      HIARCHY=                 19874 28800019
                            0005D  6550+DENMK    EQU   X'5D'   *     DD      DEN=                     19874 29100019
                            0005E  6551+DSORGMK  EQU   X'5E'   *     DD      DSORG=                   19874 29400019
                            0005F  6552+EROPTMK  EQU   X'5F'   *     DD      EROPT=                   19874 29700019
                            00060  6553+INTVLMK  EQU   X'60'   *     DD      INTVL=                   19874 30000019
                            00061  6554+KEYLENMK EQU   X'61'   *     DD      KEYLEN=                  19874 30300019
                            00062  6555+LIMCTMK  EQU   X'62'   *     DD      LIMCT=                   19874 30600019
                            00063  6556+LRECLMK  EQU   X'63'   *     DD      LRECL=                   19874 30900019
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                            00064  6557+MODEMK   EQU   X'64'   *     DD      MODE =                    19874 31200019
                            00065  6558+NCPMK    EQU   X'65'   *     DD      NCP=                      19874 31500019
                            00066  6559+NTMMK    EQU   X'66'   *     DD      NTM=                      19874 31800019
                            00067  6560+OPTCDMK  EQU   X'67'   *     DD      OPTCD=                    19874 32100019
                            00068  6561+PRTSPMK  EQU   X'68'   *     DD      PRTSP=                    19874 32400019
                            00069  6562+RECFMMK  EQU   X'69'   *     DD      RECFM=                    19874 32700019
                            0006A  6563+RKPMK    EQU   X'6A'   *     DD      RKP=                      19874 33000019
                            0006B  6564+SOWAMK   EQU   X'6B'   *     DD      SOWA=                     19874 33300019
                            0006C  6565+STACKMK  EQU   X'6C'   *     DD      STACK=                    19874 33600019
                            0006D  6566+TRTCHMK  EQU   X'6D'   *     DD      TRTCH=                    19874 33900019
                            0006E  6567+DDK      EQU   X'6E'   *     DD      DD                        19874 34200019
                                   6568+*        EQU   X'6F'   *     EXEC    RESERVED                  19874 34500019
                                   6569+*        EQU   X'70'   *     EXEC    RESERVED                  19874 34800019
                                   6570+*        EQU   X'71'   *     EXEC    RESERVED                  19874 35100019
                                   6571+*        EQU   X'72'   *     EXEC    RESERVED                  19874 35400019
                                   6572+*        EQU   X'73'   *     EXEC    RESERVED                  19874 35700019
                                   6573+*        EQU   X'74'   *     EXEC    RESERVED                  19874 36000019
                                   6574+*        EQU   X'75'   *     EXEC    RESERVED                  19874 36300019
                                   6575+*        EQU   X'76'   *     EXEC    RESERVED                  19874 36600019
                                   6576+*        EQU   X'77'   *     EXEC    RESERVED                  19874 36900019
                                   6577+*        EQU   X'78'   *     EXEC    RESERVED                  19874 37200019
                                   6578+*        EQU   X'79'   *     EXEC    RESERVED                  19874 37500019
                                   6579+*        EQU   X'7A'   *     EXEC    RESERVED                  19874 37800019
                            0007B  6580+DYNMPEK   EQU   X'7B'   *     EXEC    DYNAMNBR.                 Y02670 38100002
                            0007C  6581+DYNMEEK   EQU   X'7C'   *     EXEC    DYNAMNBR=                 Y02670 38400002
                            0007D  6582+PRFMPEK   EQU   X'7D'   *     EXEC    PERFORM.                  Y02655 38700002
                            0007E  6583+PRFMEEK   EQU   X'7E'   *     EXEC    PERFORM=                  Y02655 39000002
                            0007F  6584+ADRSPPEK  EQU   X'7F'   *     EXEC    ADDRSPC.                  Y01029 39300001
                            00080  6585+ADRSPEEK  EQU   X'80'   *     EXEC    ADDRSPC=                  Y01029 39600001
                            00081  6586+SDPPEK    EQU   X'81'   *     EXEC    DPRTY.                     19874 39900019
                            00082  6587+SDPEEK    EQU   X'82'   *     EXEC    DPRTY=                     19874 40200019
                                   6588+*         EQU   X'83'   *     EXEC    RESERVED                  Y02668 40500002
                            00084  6589+RDEEK     EQU   X'84'   *     EXEC    RD=                        19874 40800019
                            00085  6590+RDPEK     EQU   X'85'   *     EXEC    RD.                        19874 41100019
                            00086  6591+ROLLPEK   EQU   X'86'   *     EXE     ROLL.                      19874 41400019
                            00087  6592+ROLLEEK   EQU   X'87'   *     EXE     ROLL=                      19874 41700019
                            00088  6593+REGINPEK  EQU   X'88'   *     EXE     REGION.                    19874 42000019
                            00089  6594+REGINEEK  EQU   X'89'   *     EXEC    REGION=                    19874 42300019
                            0008A  6595+PGMEK     EQU   X'8A'   *     EXEC    PGM=                       19874 42600019
                            0008B  6596+PROCEK    EQU   X'8B'   *     EXEC    PROC=                      19874 42900019
                            0008C  6597+ACCTPEK   EQU   X'8C'   *     EXEC    ACCT.                      19874 43200019
                            0008D  6598+CONDPEK   EQU   X'8D'   *     EXEC    COND.                      19874 43500019
                            0008E  6599+PARMPEK   EQU   X'8E'   *     EXEC    PARM.                      19874 43800019
                            0008F  6600+TIMEPEK   EQU   X'8F'   *     EXEC    TIME.                      19874 44100019
                            00090  6601+ACCTEEK   EQU   X'90'   *     EXEC    ACCT=                      19874 44400019
                            00091  6602+CONDEEK   EQU   X'91'   *     EXEC    COND=                      19874 44700019
                            00092  6603+PARMEEK   EQU   X'92'   *     EXEC    PARM=                      19874 45000019
                            00093  6604+TIMEEEK   EQU   X'93'   *     EXEC    TIME=                      19874 45300019
                            00094  6605+EXECK     EQU   X'94'   *     EXEC    EXEC                       19874 45600019
                                   6606+*         EQU   X'95'   *     JOB     RESERVED                   19874 45900019
                                   6607+*         EQU   X'96'   *     JOB     RESERVED                   19874 46200019
                                   6608+*         EQU   X'97'   *     JOB     RESERVED                   19874 46500019
                                   6609+*         EQU   X'98'   *     JOB     RESERVED                   19874 46800019
                                   6610+*         EQU   X'99'   *     JOB     RESERVED                   19874 47100019
                                   6611+*         EQU   X'9A'   *     JOB     RESERVED                   19874 47400019
```

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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  6612+*         EQU   X'9B'   *     JOB     RESERVED                  19874 47700019
                                  6613+*         EQU   X'9C'   *     JOB     RESERVED                  19874 48000019
                                  6614+*         EQU   X'9D'   *     JOB     RESERVED                  19874 48300019
                                  6615+*         EQU   X'9E'   *     JOB     RESERVED                  19874 48600019
                                  6616+*         EQU   X'9F'   *     JOB     RESERVED                  19874 48900019
                                  6617+*         EQU   X'A0'   *     JOB     RESERVED                  19874 49200019
                                  6618+*         EQU   X'A1'   *     JOB     RESERVED                  19874 49500019
                                  6619+*         EQU   X'A2'   *     JOB     RESERVED                  19874 49800019
                             000A3  6620+GROUPK   EQU   X'A3'   *     JOB     GROUP=                 @Z40RPSM 50100003
                             000A4  6621+PASWORDK EQU   X'A4'   *     JOB     PASSWORD=              @Z40RPSM 50150003
                             000A5  6622+USERK    EQU   X'A5'   *     JOB     USER=                  @Z40RPTH 50200003
                             000A6  6623+PRFMJK   EQU   X'A6'   *     JOB     PERFORM=                 Y02655 51000002
                             000A7  6624+ADRSPJK  EQU   X'A7'   *     JOB     ADDRSPC=                 Y01029 51300001
                             000A8  6625+NOTIFYJK EQU   X'A8'   *     JOB     NOTIFY=                   20001 51350001
                             000A9  6626+TIMEJK   EQU   X'A9'   *     JOB     TIME=                     19874 51900019
                             000AA  6627+RESTARJK EQU   X'AA'   *     JOB     RESTART=                  19874 52200019
                             000AB  6628+RDJK     EQU   X'AB'   *     JOB     RD=                       19874 52500019
                             000AC  6629+ROLLJK   EQU   X'AC'   *     JOB     ROLL=                     19874 52800019
                             000AD  6630+CLASSJK  EQU   X'AD'   *     JOB     CLASS=                    19874 53100019
                             000AE  6631+REGINJK  EQU   X'AE'   *     JOB     REGION=                   19874 53400019
                             000AF  6632+CONDJK   EQU   X'AF'   *     JOB     COND=                     19874 53700019
                             000B0  6633+PRTYJK   EQU   X'B0'   *     JOB     PRTY=                     19874 54000019
                             000B1  6634+TYPRUNJK EQU   X'B1'   *     JOB     TYPRUN=                   19874 54300019
                             000B2  6635+MSGCLAJK EQU   X'B2'   *     JOB     MSGCLASS=                 19874 54600019
                             000B3  6636+MSGLEVJK EQU   X'B3'   *     JOB     MSGLEVEL=                 19874 54900019
                             000B4  6637+JOBK     EQU   X'B4'   *     JOB     JOB                       19874 55200019
                                  6638+*         EQU   X'B5'   *     RESERVED RESERVED                 19874 55500019
                                  6639+*         EQU   X'B6'   *     RESERVED RESERVED                 19874 55800019
                                  6640+*         EQU   X'B7'   *     RESERVED RESERVED                 19874 56100019
                                  6641+*         EQU   X'B8'   *     RESERVED RESERVED                 19874 56400019
                                  6642+*         EQU   X'B9'   *     RESERVED RESERVED                 19874 56700019
                                  6643+*         EQU   X'BA'   *     RESERVED RESERVED                 19874 57000019
                                  6644+*         EQU   X'BB'   *     RESERVED RESERVED                 19874 57300019
                                  6645+*         EQU   X'BC'   *     RESERVED RESERVED                 19874 57600019
                                  6646+*         EQU   X'BD'   *     RESERVED RESERVED                 19874 57900019
                                  6647+*         EQU   X'BE'   *     RESERVED RESERVED                 19874 58200019
                                  6648+*         EQU   X'BF'   *     RESERVED RESERVED                 19874 58500019
                                  6649+*         EQU   X'C0'   *     RESERVED RESERVED                 19874 58800019
                                  6650+*         EQU   X'C1'   *     RESERVED RESERVED                 19874 59100019
                                  6651+*         EQU   X'C2'   *     RESERVED RESERVED                 19874 59400019
                                  6652+*         EQU   X'C3'   *     RESERVED RESERVED                 19874 59700019
                                  6653+*         EQU   X'C4'   *     RESERVED RESERVED                 19874 60000019
                                  6654+*         EQU   X'C5'   *     RESERVED RESERVED                 19874 60300019
                                  6655+*         EQU   X'C6'   *     RESERVED RESERVED                 19874 60600019
                                  6656+*         EQU   X'C7'   *     RESERVED RESERVED                 19874 60900019
                                  6657+*         EQU   X'C8'   *     RESERVED RESERVED                 19874 61200019
                                  6658+*         EQU   X'C9'   *     RESERVED RESERVED                 19874 61500019
                                  6659+*         EQU   X'CA'   *     RESERVED RESERVED                 19874 61800019
                                  6660+*         EQU   X'CB'   *     RESERVED RESERVED                 19874 62100019
                                  6661+*         EQU   X'CC'   *     RESERVED RESERVED                 19874 62400019
                                  6662+*         EQU   X'CD'   *     RESERVED RESERVED                 19874 62700019
                                  6663+*         EQU   X'CE'   *     RESERVED RESERVED                 19874 63000019
                                  6664+*         EQU   X'CF'   *     RESERVED RESERVED                 19874 63300019
                                  6665+*         EQU   X'D0'   *     RESERVED RESERVED                 19874 63600019
                                  6666+*         EQU   X'D1'   *     RESERVED RESERVED                 19874 63900019
```

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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  6667+*         EQU   X'D2'   *     RESERVED RESERVED                    19874 64200019
                                  6668+*         EQU   X'D3'   *     RESERVED RESERVED                    19874 64500019
                                  6669+*         EQU   X'D4'   *     RESERVED RESERVED                    19874 64800019
                                  6670+*         EQU   X'D5'   *     RESERVED RESERVED                    19874 65100019
                                  6671+*         EQU   X'D6'   *     RESERVED RESERVED                    19874 65400019
                                  6672+*         EQU   X'D7'   *     RESERVED RESERVED                    19874 65700019
                                  6673+*         EQU   X'D8'   *     RESERVED RESERVED                    19874 66000019
                                  6674+*         EQU   X'D9'   *     RESERVED RESERVED                    19874 66300019
                                  6675+*         EQU   X'DA'   *     RESERVED RESERVED                    19874 66600019
                                  6676+*         EQU   X'DB'   *     RESERVED RESERVED                    19874 66900019
                                  6677+*         EQU   X'DC'   *     RESERVED RESERVED                    19874 67200019
                                  6678+*         EQU   X'DD'   *     RESERVED RESERVED                    19874 67500019
                                  6679+*         EQU   X'DE'   *     RESERVED RESERVED                    19874 67800019
                                  6680+*         EQU   X'DF'   *     RESERVED RESERVED                    19874 68100019
                                  6681+*         EQU   X'E0'   *     RESERVED RESERVED                    19874 68400019
                                  6682+*         EQU   X'E1'   *     RESERVED RESERVED                    19874 68700019
                                  6683+*         EQU   X'E2'   *     RESERVED RESERVED                    19874 69000019
                                  6684+*         EQU   X'E3'   *     RESERVED RESERVED                    19874 69300019
                                  6685+*         EQU   X'E4'   *     RESERVED RESERVED                    19874 69600019
                                  6686+*         EQU   X'E5'   *     RESERVED RESERVED                    19874 69900019
                                  6687+*         EQU   X'E6'   *     RESERVED RESERVED                    19874 70200019
                                  6688+*         EQU   X'E7'   *     RESERVED RESERVED                    19874 70500019
                                  6689+*         EQU   X'E8'   *     RESERVED RESERVED                    19874 70800019
                                  6690+*         EQU   X'E9'   *     RESERVED RESERVED                    19874 71100019
                                  6691+*         EQU   X'EA'   *     RESERVED RESERVED                    19874 71400019
                                  6692+*         EQU   X'EB'   *     RESERVED RESERVED                    19874 71700019
                                  6693+*         EQU   X'EC'   *     RESERVED RESERVED                    19874 72000019
                                  6694+*         EQU   X'ED'   *     RESERVED RESERVED                    19874 72300019
                                  6695+*         EQU   X'EE'   *     RESERVED RESERVED                    19874 72600019
                                  6696+*         EQU   X'EF'   *     RESERVED RESERVED FOR MULTI-BYTE KEY 19874 72900019
                           000F0  6697+INTKEY1   EQU   X'F0'   *     INTERNAL KEY                         19874 73200019
                           000F1  6698+INTKEY2   EQU   X'F1'   *     INTERNAL KEY                         19874 73500019
                           000F2  6699+INTKEY3   EQU   X'F2'   *     INTERNAL KEY                         19874 73800019
                           000F3  6700+INTKEY4   EQU   X'F3'   *     INTERNAL KEY                         19874 74100019
                           000F4  6701+INTKEY5   EQU   X'F4'   *     INTERNAL KEY                         19874 74400019
                           000F5  6702+INTKEY6   EQU   X'F5'   *     INTERNAL KEY RESERVED                19874 74700019
                           000F6  6703+INTKEY7   EQU   X'F6'   *     INTERNAL KEY RESERVED                19874 75000019
                           000F7  6704+INTKEY8   EQU   X'F7'   *     INTERNAL KEY RESERVED                19874 75300019
                           000F8  6705+INTKEY9   EQU   X'F8'   *     INTERNAL KEY RESERVED                19874 75600019
                           000F9  6706+INTKEYA   EQU   X'F9'   *     INTERNAL KEY RESERVED                19874 75900019
                           000FA  6707+INTKEYB   EQU   X'FA'   *     INTERNAL KEY RESERVED                19874 76200019
                           000FB  6708+INTKEYC   EQU   X'FB'   *     INTERNAL KEY RESERVED                19874 76500019
                                  6709+*         EQU   X'FC'   *     NONE                                       76800002
                                  6710+*         EQU   X'FD'   *     NONE                                       77100002
                           000FE  6711+ENDK      EQU   X'FE'   *     NONE    END KEY                      19874 77400019
                           000FF  6712+ENDIND    EQU   X'FF'   *     NONE    END OF MODULE INDICATOR      19874 77700019
                                  6713 *
                                  6714 ************************************************************************
                                  6715 *                                                                      *
                                  6716 *        THE FOLLOWING SYMBOL IS USED AS THE INTERNAL TEXT KEY VALUE   *
                                  6717 *        FOR THE "SYSPROC=" KEYWORD.  ITS VALUE MUST BE USED IN        *
                                  6718 *        CHANGING THE JCL KEYWORD TABLE IN IEFVFA.  THIS SYMBOL IS     *
                                  6719 *        DEFINED HERE TO AVOID HAVING TO CHANGE THE IEFVKEYS MACRO.    *
                                  6720 *                                                                      *
                                  6721 ************************************************************************
```

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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  6722 *
                           00001  6723 SYSPROCK EQU   X'01'   *     DD      SYSPROC=  JOBPROC DD STATEMENTS
                                  6724 *
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

000000                            6726 IEFVPP   CSECT ,                  CONTROL SECTION NAME
                                  6727 *
                                  6728          ENTRY IEFVPP0            INITIALIZATION CALL
                                  6729          ENTRY IEFVPP1            JOBPROC DD CARD PROCESSOR
                                  6730          ENTRY IEFVPP2            SET USER PROCLIB ENVIRONMENT
                                  6731          ENTRY IEFVPP3            END OF JOB CLEANUP ROUTINE
                                  6732          ENTRY IEFVPP4            COMBINED IEFVPP1 AND IEFVPP2 ENTRY
                                  6733          ENTRY IEFVPP5            IEFUJV INTERNAL TEXT EXIT INTERFACE
                                  6734          ENTRY IEFVPPM            MESSAGE PROCESSOR
                                  6735 *
                           0000A  6736 R10      EQU   10                 INTERNAL SUB-ROUTINE LINKAGE
                           0000B  6737 R11      EQU   11                 PRIMARY BASE REGISTER
                           0000C  6738 R12      EQU   12                 CONVERTER WORK AREA
                           0000D  6739 R13      EQU   13                 REGISTER SAVE AREA
                           0000E  6740 R14      EQU   14                 SCRATCH AND LINK
                           0000F  6741 R15      EQU   15                 SCRATCH AND LINK




                           00000  6743          USING COMWA,R12          SET STANDARD BASE



000000 4C                         6745          DC    AL1(VPPIDL)        LTH OF IDENTIFICATION PREFIX
000001 C9C5C6E5D7D74040           6746 VPPID    DC    CL8'IEFVPP'        USER PROCLIB SUPPORT MODULE ID
000009 E5F44BD9F14BD4F0           6747          DC    CL9'V4.R1.M0 '     CURRENT SYZYGY RELEASE NO.
                                  6748          DC    CL8'&SYSDATE'      LAST ASSEMBLY DATE
000012 F0F561F2F861F2F0           6749+         DC    CL8'05/28/20'      LAST ASSEMBLY DATE
                                  6750          DC    CL8' &SYSTIME'     TIME OF LAST ASSEMBLY
00001A 40F1F64BF3F24040           6751+         DC    CL8' 16.32'        TIME OF LAST ASSEMBLY
000022 C3D6D7E8D9C9C7C8           6752          DC    C'COPYRIGHT FEBRUARY 25, 2003 BY SYZYGY INC. '
                           0004C  6753 VPPIDL   EQU   *-VPPID            LENGTH OF IDENTIFICATION HEADER
                                  6754 *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  6756 ************************************************************************
                                  6757 *                                                                      *
                                  6758 * IEFVPP0                                                              *
                                  6759 * *******                                                              *
                                  6760 *                                                                      *
                                  6761 * THIS ROUTINE IS CALLED TO PROCESS ANY INITIALIZATION FUNCTIONS.      *
                                  6762 * IF THIS ROUTINE IS NOT INVOKED, THE CONVERTER WILL FAIL IN THE MOST  *
                                  6763 * TERRIBLE WAY, SINCE ADDRESSES THAT IT WILL LATER ATTEMPT TO BRANCH   *
                                  6764 * TO WILL NOT HAVE BEEN PLACED IN THE CONVERTER WORK AREA RESERVED     *
                                  6765 * WORD AND THE PRIVATE PROCLIB WORK AREA.                              *
                                  6766 *                                                                      *
                                  6767 *    1  GETMAIN THE PRIVATE PROCLIB WORK AREA AND ANCHOR IT IN         *
                                  6768 *       THE CONVERTER WORK AREA.                                       *
                                  6769 *    2  INITIALIZE ENTRY POINTS IN THE PRIVATE PROCLIB WORK AREA.      *
                                  6770 *    3  INITIALIZE SWITCHES, COUNTERS, AND TRACE FLAGS.                *
                                  6771 *    4  INITIALIZE DYNAMIC ALLOCATION PARAMETER BLOCK.                 *
                                  6772 *    5  DETERMINE PROCLIB DDNAME BY ENQUEUE.                           *
                                  6773 *    6  PERFORM CLEANUP FROM PREVIOUS CONVERSION (IF NECESSARY).       *
                                  6774 *    7  BRANCH TO IEFVHA.                                              *
                                  6775 *                                                                      *
                                  6776 * INPUT:                                                              *
                                  6777 *        CONVERTER WORK AREA (REGISTER 12).                            *
                                  6778 *                                                                      *
                                  6779 * OUTPUT:                                                             *
                                  6780 *        INITIALIZE PRIVATE PROCLIB ANCHOR IN THE CWA AND THE          *
                                  6781 *        PRIVATE PROCLIB WORK AREA ITSELF.                             *
                                  6782 *                                                                      *
                                  6783 * ENTERNALS:                                                          *
                                  6784 *        NONE                                                          *
                                  6785 *                                                                      *
                                  6786 * EXIT:                                                               *
                                  6787 *        BRANCH TO IEFVHA.                                             *
                                  6788 *                                                                      *
                                  6789 * SVC:                                                                *
                                  6790 *        ESTAE    (SVC 60)                                             *
                                  6791 *        ENQ      (SVC 56)                                             *
                                  6792 *        DYNALLOC (SVC 99)                                             *
                                  6793 *        WTO      (SVC 35)                                             *
                                  6794 *                                                                      *
                                  6795 ************************************************************************
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                   6797 IEFVPP0  PPEPA VPP0               IEFVPP0 ENTRY POINT ADDRESS
00004E                             6798+IEFVPP0  DS    0H                 ENTRY POINT ADDRESS
                             0004E 6799+         USING *,R15              TEMPORARY BASE
                                   6800+*
00004E 90EC D00C      0000C        6801+         STM   R14,R12,12(R13)    SAVE CALLERS REGS
000052 58B0 FEA6      00EF4        6802+         L     R11,PPBASE         SET UP MODULE BASE
000056 4170 0800      00800        6803+         LA    R7,2048            SET UP SECOND
00005A 4177 B800      00800        6804+         LA    R7,2048(R7,R11)     BASE REGISTER
                             00000 6805+         USING IEFVPP,R11,R7      INFORM ASSEMBLER OF BASE REG
                                   6806+         DROP  R15                DROP TEMPORARY BASE
                                   6807+*
00005E 4100 0490      00490        6808+         LA    R0,PPWORKLN        LENGTH OF PROCLIB WORK AREA
000062 4510 B066      00066        6809+         BAL   1,*+4                     INDICATE GETMAIN
000066 0A0A                        6810+         SVC   10                        ISSUE GETMAIN SVC
000068 1861                        6811+         LR    R6,R1              MOVE TO ITS PERMANENT HOME
00006A 5060 C3A0      003A0        6812+         ST    R6,RFULLE          STORE IN CONVERTER WORK AREA
                                   6813+*
00006E 1801                        6814+         LR    R0,R1              SET FOR MVCL
000070 4110 0490      00490        6815+         LA    R1,PPWORKLN        LENGTH OF MVCL
000074 1FFF                        6816+         SLR   R15,R15            ZERO FROM LENGTH
000076 0E0E                        6817+         MVCL  R0,R14             CLEAR THE WORK AREA
                                   6818+*
000078 9280 60B8      000B8        6819+         MVI   PPSTAT0,PP0CODE    INDICATE IEFVPP0 IS EXECUTING
                                   6820+*
00007C 58F0 B084      00084        6821+         L     R15,PP0TRCV        LOAD CONVERTER TRACE ROUTINE ADDRESS
000080 0700                        6822+         CNOP  2,4                ALIGN TRACE PARM LIST
000082 05EF                        6823+         BALR  R14,R15            ENTER MODULE ID IN TRACE REC.
000084 00000000                    6824+PP0TRCV  DC    V(TRACE)           TRACE ROUTINE ID (IN IEFVH1)
000088 E5D7D7F0                    6825+         DC    CL4'VPP0'          MODULE ID FOR TRACE RECORD
                                   6826+*
00008C D747 6000 6000 00000 00000  6827+         XC    PPSAVE(72),PPSAVE  CLEAR SAVE AREA
000092 50D0 6004      00004        6828+         ST    R13,PPSAVE+4       STORE BACKWARD POINTER
000096 4110 6000      00000        6829+         LA    R1,PPSAVE          POINT AT SAVE AREA
00009A 5010 D008      00008        6830+         ST    R1,8(,R13)         STORE FORWARD POINTER
00009E 18D1                        6831+         LR    R13,R1             SET NEW SAVE AREA ADDRESS
                                   6832+*
0000A0 D20F 62C8 7178 002C8 01178  6833+         MVC   PPESTAEP(PPESTAEL),PPESTAEM MOVE IN MODEL PLIST
                                   6834+*    MACDATE Y-1 75302                                        00160004
0000A6 4110 62C8      002C8        6835+         LA    1,PPESTAEP                 LOAD PARAMETER REG 1  01900002
0000AA 4100 BDB6      00DB6        6836+         LA    0,PPESTAEX                 LOAD PARAMETER REG 0  02500002
0000AE BE07 1001      00001        6837+         STCM  0,7,1(1)             STORE USER EXIT ADDRESS       03500004
0000B2 9610 1000      00000        6838+         OI    0(1),16              FLAGS FOR TCB,PURGE,ASYNCH    04100004
0000B6 50C0 1004      00004        6839+         ST    12,4(0,1)            MODIFY LIST - PARAM ADDR      04500004
0000BA 9640 100C      0000C        6840+         OI    12(1),64             FLAGS FOR TERM AND RECORD     04836004
0000BE 1F00                        6841+         SLR   0,0                  INDICATE CREATE OPTION        08950004
0000C0 0A3C                        6842+         SVC   60                   ISSUE STAE SVC                09500004
0000C2 9640 60C3      000C3        6843+         OI    PPMISC,PPESTAE       INDICATE ESTAE IN EFFECT
                                   6844 *
                                   6845 ************************************************************************
                                   6846 *                                                                      *
                                   6847 *        THE INSTRUCTION BELOW CAN BE CHANGED OR ZAPPED TO ENABLE      *
                                   6848 *        EXTERNAL DEBUGGING TRACE CODE (WTO MESSAGES).                 *
                                   6849 *                                                                      *
                                   6850 ************************************************************************
                                   6851 *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

0000C6                           6852 PPSETBUG DS    0AL4(PPSETBUG)      PROVIDE XREF REFERENCE
0000C6 9600 60C3      000C3      6853          OI    PPMISC,*-*          PATCH TO TURN ON DEBUGGING CODE
                                 6854 *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                      ASM 0201 16.32 05/28/20

0000CA 5800 B2C8      002C8        6856          L     R0,PPIEFVHA          SET INITIALIZATION "RETURN" ADDRESS
0000CE 5810 D004      00004        6857          L     R1,4(,R13)           LOAD ADDRESS OF CALLING SAVE AREA
0000D2 5000 100C      0000C        6858          ST    R0,12(,R1)           SET "RETURN" R14
0000D6 5000 1010      00010        6859          ST    R0,16(,R1)           SET "RETURN" R15
                                   6860 *
0000DA 50B0 6048      00048        6861          ST    R11,PPIEFVPP         SET MODULE BASE IN WORK AREA
0000DE D21B 604C B2CC 0004C 002CC  6862          MVC   PPVPP0(PPVPPLEN),PP0ADDRS INITIALIZE ENTRY POINTS
                                   6863 *
0000E4 9200 60B9      000B9        6864          MVI   PPSTAT1,0            INITIALIZE STATUS FLAG 1
0000E8 9200 60BA      000BA        6865          MVI   PPSTAT2,0            INITIALIZE STATUS FLAG 2
0000EC 9200 60BF      000BF        6866          MVI   PPTRPP0,0            INITIALIZE
0000F0 9200 60C0      000C0        6867          MVI   PPTRPP1,0             TRACE
0000F4 9200 60C1      000C1        6868          MVI   PPTRPP2,0               FLAGS
0000F8 9200 60C2      000C2        6869          MVI   PPTRPP3,0
                                   6870 *
0000FC D257 60E4 7120 000E4 01120  6871          MVC   PPDCB(PPDCBPTL),PPDCBPAT  INIT DCB AREA
                                   6872 *
000102 4190 6140      00140        6873          LA    R9,PPDARB            -> DYNAMIC ALLOC REQUEST BLOCK
                           00000   6874          USING S99RB,R9             GET ADDRESSABILITY TO DARB
000106 5090 613C      0013C        6875          ST    R9,PPDAARGL          SET PTR TO DARB IN PARM LIST->
00010A 9280 613C      0013C        6876          MVI   PPDAARGL,S99RBPND    SET END OF PARM LIST INDICATOR
00010E D713 6140 6140 00140 00140  6877          XC    PPDARB(L'PPDARB),PPDARB CLEAR ALLOC REQUEST BLOCK
000114 9214 9000      00000        6878          MVI   S99RBLN,L'PPDARB     SET LENGTH OF REQUEST BLOCK
000118 92E0 9002      00002        6879          MVI   S99FLG11,S99ONCNV+S99NOCNV+S99NOMNT SET FLAGS 1
                                   6880 *               NO CONVERTIBLE, NO EXISTING ALLOC, NO VOLUME MOUNT
00011C 9220 9010      00010        6881          MVI   S99FLG21,S99NORES    SET NO DATA SET ENQUEUE FLAGS 2
000120 4100 6154      00154        6882          LA    R0,PPDATXTL          -> DYNAMIC ALLOCATION TEXT
000124 5000 9008      00008        6883          ST    R0,S99TXTPP          SET TEXT LIST PTR IN DARB
                                   6884 *
000128 4190 62A8      002A8        6885          LA    R9,PPDFPARM          -> DAIRFAIL PARM LIST
                           00000   6886          USING DFDSECTD,R9          MAKE IT ADDRESSABLE
00012C 4110 6140      00140        6887          LA    R1,PPDARB            -> DYNAMIC ALLOCATE RB
000130 5010 9000      00000        6888          ST    R1,DFS99RBP          SET IN DFPL
000134 4110 62C0      002C0        6889          LA    R1,PPDFRETC          -> RETURN CODE HOLDING AREA
000138 5010 9004      00004        6890          ST    R1,DFRCP             SET IN DFPL
00013C 4110 62BC      002BC        6891          LA    R1,PPDFF02A          -> IKJEFF02 ADDRESS AREA
000140 5010 9008      00008        6892          ST    R1,DFJEFF02          STORE PTR IN DAIRFAIL PLIST
000144 D703 62BC 62BC 002BC 002BC  6893          XC    PPDFF02A,PPDFF02A    SHOW IKJEFF02 ADDRESS UNKNOWN
00014A 4110 62C4      002C4        6894          LA    R1,PPDFIDN           -> DAIRFAIL IDENTIFICATION NO.
00014E 5010 900C      0000C        6895          ST    R1,DFIDP             SET IN DFPL
000152 9280 900C      0000C        6896          MVI   DFIDP,X'80'          FLAG END OF PARM LIST
000156 D703 9010 9010 00010 00010  6897          XC    DFCPPLP,DFCPPLP      CLEAR CPPL POINTER
00015C 4110 0032      00032        6898          LA    R1,50                INDICATE SVC 99 ERROR
000160 4010 62C4      002C4        6899          STH   R1,PPDFIDN            IN DAIRFAIL PARM LIST
000164 9680 62C4      002C4        6900          OI    PPDFIDN,DFWTP        INDICATE WTP REQUEST
                                   6901 *
000168 D20F 62DC 7188 002DC 01188  6902          MVC   PPLOCPRM(PPLOCPL),PPCAMLST MOVE IN LOCATE CAMLST
00016E 4110 6180      00180        6903          LA    R1,PPDSNAME          -> DSNAME HOLD AREA
000172 5010 62E0      002E0        6904          ST    R1,PPLOCPRM+4        SET DSNAME PTR IN CAMLST
000176 4110 62F0      002F0        6905          LA    R1,PPLOCWRK          -> LOCATE WORK AREA
00017A 5010 62E8      002E8        6906          ST    R1,PPLOCPRM+12       SET WORK AREA PTR IN CAMLST
                                   6907 *
00017E D20B 62F0 7198 002F0 01198  6908          MVC   PPLOCWRK(PPENQPL),PPENQLST  MOVE ENQ PARM LIST
000184 4110 60DC      000DC        6909          LA    R1,PPSYSNAM          POINT AT MINOR NAME
000188 5010 62F8      002F8        6910          ST    R1,PPLOCWRK+8        STORE ADDRESS IN ENQ PARM LIST
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

00018C D207 60DC 7038 000DC 01038  6911          MVC   PPSYSNAM,PPSYSDDN   INITIALIZE MINOR NAME
000192 4190 7040      01040        6912          LA    R9,PPDDNSUF         POINT AT NAME VARIABLES
000196 4180 0010      00010        6913          LA    R8,L'PPDDNSUF       NUMBER OF CONVERTERS
                                   6914 *
00019A D200 60DF 9000 000DF 00000  6915 PPENQLP  MVC   PPSYSNAM+3(1),0(R9) MOVE NAME CHARACTER
                                   6916          ENQ   MF=(E,PPLOCWRK)     TRY THE ENQ
0001A0 4110 62F0      002F0        6917+         LA    1,PPLOCWRK                    LOAD PARAMETER REG 1   01900002
0001A4 0A38                        6918+         SVC   56                                                   12850002
0001A6 12FF                        6919          LTR   R15,R15             CHECK IF RESOURCE GOTTEN
0001A8 4780 B1BE      001BE        6920          BZ    PPNAMOBT            BRANCH IF NAME OBTAINED
                                   6921 *
0001AC 4190 9001      00001        6922          LA    R9,1(,R9)           POINT AT NEXT NAME CODE
0001B0 4680 B19A      0019A        6923          BCT   R8,PPENQLP          LOOP THROUGH THE NAMES
                                   6924 *
                                   6925          WTO   MF=(E,PPENQWTO)     INFORM OPERATOR OF FAILURE
0001B4 4110 769C      0169C        6926+         LA    1,PPENQWTO                    LOAD PARAMETER REG 1   01900002
0001B8 0A23                        6927+         SVC   35                      ISSUE SVC              01500002
0001BA 47F0 BBB8      00BB8        6928          B     PPRETURN            RETURN WITHOUT ENABLING JOBPROC
                                   6929 *
                                   6930 PPNAMOBT PPDEBUG ENQ0              TRACE END OF ENQUEUE
0001BE 45E0 7004      01004        6931+PPNAMOBT BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
0001C2 C5D5D8F0                    6932+         DC    CL4'ENQ0'           INDICATE WHERE WE ARE
0001C6 D200 610F 60DF 0010F 000DF  6933          MVC   PPUSRDDN+3(1),PPSYSNAM+3 INITIALIZE ALLOCATION DDNAME
0001CC 5810 021C      0021C        6934          L     R1,PSATOLD-PSA(,R0) LOAD TCB ADDRESS
0001D0 5810 100C      0000C        6935          L     R1,TCBTIO-TCB(,R1)  LOAD TIOT ADDRESS
0001D4 5010 60C4      000C4        6936          ST    R1,PPTIOTAD         SAVE THE ADDRESS
                            00000  6937          USING TIODSECT,R1         SET UP ADDRESSIBILITY
0001D8 1FFF                        6938          SLR   R15,R15             ZERO FOR INSERTS
                                   6939 *
0001DA 9500 1018      00018        6940 PPTIOTLP CLI   TIOELNGH,0          CHECK FOR END OF TIOT
0001DE 4780 B22E      0022E        6941          BE    PPDDNMOK            BRANCH IF NAME NOT FOUND
0001E2 D507 101C 610C 0001C 0010C  6942          CLC   TIOEDDNM,PPUSRDDN   CHECK IF DD LEFT ALLOCATED
0001E8 4780 B1F6      001F6        6943          BE    PPCLNUP             GO CLEAN UP IF SO
0001EC 43F0 1018      00018        6944          IC    R15,TIOELNGH        LOAD THE LENGTH
0001F0 1A1F                        6945          AR    R1,R15              INCREMENT ADDRESS
0001F2 47F0 B1DA      001DA        6946          B     PPTIOTLP            CONTINUE TIOT SCAN
                                   6947 *
0001F6 43F0 1018      00018        6948 PPCLNUP  IC    R15,TIOELNGH        LOAD ENTRY LENGTH
0001FA 1A1F                        6949          AR    R1,R15              FIND NEXT ENTRY
0001FC 9500 1018      00018        6950          CLI   TIOELNGH,0          CHECK FOR LAST ENTRY
000200 4780 B218      00218        6951          BE    PPCLNNOC            BRANCH IF AT END
000204 9540 101C      0001C        6952          CLI   TIOEDDNM,C' '       CHECK FOR CONCATENATION
000208 4770 B218      00218        6953          BNE   PPCLNNOC            BRANCH IF NOT CONCATENATED
00020C 45A0 BAD4      00AD4        6954          BAL   R10,PPDECONC        ATTEMPT DE-CONCATENATION
                                   6955          PPDEBUG DCN0              END OF DE-CONCATENATION
000210 45E0 7004      01004        6956+         BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
000214 C4C3D5F0                    6957+         DC    CL4'DCN0'           INDICATE WHERE WE ARE
                                   6958 *
000218 D201 60BB 708C 000BB 0108C  6959 PPCLNNOC MVC   PPALLOC1(2),=X'FFFF'     FORCE DEALLOCATION
00021E 45A0 BB1A      00B1A        6960          BAL   R10,PPDEALOC        OF EVERYTHING
                                   6961          PPDEBUG DAL0              END OF DEALLOCATION
000222 45E0 7004      01004        6962+         BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
000226 C4C1D3F0                    6963+         DC    CL4'DAL0'           INDICATE WHERE WE ARE
00022A 47F0 B22E      0022E        6964          B     PPDDNMOK            GO LOOK FOR SYSPROC DDNAME
                                   6965 *
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

00022E 5810 60C4      000C4        6966 PPDDNMOK L     R1,PPTIOTAD          RELOAD TIOT ADDRESS
000232 1FFF                        6967          SLR   R15,R15              ZERO FOR INSERTS
000234 1FEE                        6968          SLR   R14,R14              ZERO FOR COUNTING
                                   6969 *
000236 9500 1018      00018        6970 PPTIOSLP CLI   TIOELNGH,0           CHECK FOR END OF TIOT
00023A 4780 B272      00272        6971          BE    PPSYSMIS             BRANCH IF END - SYSPROC MISSING
00023E D507 101C 60DC 0001C 000DC  6972          CLC   TIOEDDNM,PPSYSNAM    MATCH DD NAMES
000244 4780 B252      00252        6973          BE    PPSYSCNT             BRANCH IF WE FOUND IT
000248 43F0 1018      00018        6974          IC    R15,TIOELNGH         LOAD THE LENGTH
00024C 1A1F                        6975          AR    R1,R15               INCREMENT ADDRESS
00024E 47F0 B236      00236        6976          B     PPTIOSLP             CONTINUE TIOT SCAN
                                   6977 *
000252 41E0 E001      00001        6978 PPSYSCNT LA    R14,1(,R14)          BUMP SYSTEM PROCLIB COUNT
000256 43F0 1018      00018        6979          IC    R15,TIOELNGH         LOAD THE LENGTH
00025A 1A1F                        6980          AR    R1,R15               INCREMENT THE ADDRESS
00025C 9540 101C      0001C        6981          CLI   TIOEDDNM,C' '        CHECK FOR CONCATENATION
000260 4780 B252      00252        6982          BE    PPSYSCNT             LOOP IF IT IS
000264 4100 0010      00010        6983          LA    R0,16                SET MAXIMUM PROCLIBS
000268 1B0E                        6984          SR    R0,R14               DEDUCT FOT SYSTEM PROCLIBS
00026A 4000 60CA      000CA        6985          STH   R0,PPJPMAX           SET THE MAX USER PROCLIB
00026E 47F0 B2AC      002AC        6986          B     PPSYSDOK             AND FINISH INITIALIZATION
                                   6987 *
000272 5810 60C4      000C4        6988 PPSYSMIS L     R1,PPTIOTAD          LOAD THE TIOT ADDRESS
000276 D507 1000 7060 00000 01060  6989          CLC   TIOCNJOB(8),=CL8'MSTRJCL' TEST IF MASTER'S TIOT
00027C 4780 B2A0      002A0        6990          BE    PPSYSMMS             SKIP MESSAGE IF SO
000280 D505 1000 708E 00000 0108E  6991          CLC   TIOCNJOB(6),=C'MSTJCL'   TEST IF MASTER'S TIOT (1.3.2)
000286 4780 B2A0      002A0        6992          BE    PPSYSMMS             SKIP MESSAGE IF SO
                                   6993 *
00028A 5810 0224      00224        6994          L     R1,PSAAOLD-PSA(,0)   LOAD ASCB ADDRESS
00028E 4810 1024      00024        6995          LH    R1,ASCBASID-ASCB(,R1)    LOAD THE ASID
000292 4910 7094      01094        6996          CH    R1,=H'1'             CHECK FOR THE MASTER ADDRESS SPACE
000296 4780 B2A0      002A0        6997          BE    PPSYSMMS             BRANCH IF SO
                                   6998          WTO   MF=(E,PPSYSWTO)      INDICATE ERROR
00029A 4110 76C8      016C8        6999+         LA    1,PPSYSWTO                       LOAD PARAMETER REG 1   01900002
00029E 0A23                        7000+         SVC   35                         ISSUE SVC              01500002
                                   7001 *
0002A0 9620 60C3      000C3        7002 PPSYSMMS OI    PPMISC,PPNOSYSP      INDICATE SYSPROC UNAVAILABLE
0002A4 4100 0010      00010        7003          LA    R0,16                SET MAXIMUM PROCLIBS
0002A8 4000 60CA      000CA        7004          STH   R0,PPJPMAX           STASH THE MAX
                                   7005 *
0002AC                             7006 PPSYSDOK DS    0H
0002AC 1B00                        7007          SR    R0,R0                CLEAR R0
0002AE 4000 60C8      000C8        7008          STH   R0,PPJPCNT           INITIALIZE CONCATENATION COUNT
0002B2 BE03 60BB      000BB        7009          STCM  R0,3,PPALLOC1        INITIALIZE ALLOCATION FLAGS
                                   7010 *
                                   7011          PPDEBUG END0               INDICATE END OF PP0
0002B6 45E0 7004      01004        7012+         BAL   R14,IEFVPPDB         GO TO DEBUGGING TRACER
0002BA C5D5C4F0                    7013+         DC    CL4'END0'            INDICATE WHERE WE ARE
                                   7014          DROP  R1                   DONE WITH THE TIOT
                                   7015 *
                                   7016 ************************************************************************
                                   7017 *                                                                      *
                                   7018 *        THE FOLLOWING MVI INSTRUCTION SHOULD HAVE ITS IMMEDIATE       *
                                   7019 *        FIELD MODIFIED FROM PPINITC TO ZERO TO CRIPPLE THE PRIVATE    *
                                   7020 *        PROCLIB SUPPORT.  THIS IS THE ONLY WAY, SHORT OF REMOVING     *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

                                   7021 *        ALL CONVERTER MODIFICATIONS (ZAPS AND ALL).                *
                                   7022 *                                                                   *
                                   7023 ***********************************************************************
                                   7024 *
0002BE                             7025 PPCANCEL DS    0AL4(PPCANCEL)      PROVIDE XREF REFERENCE
0002BE 9201 60B8      000B8        7026          MVI   PPSTAT0,PPINITC     INDICATE VPP0 HAS COMPLETED
                                   7027 *
0002C2 47F0 BBB8      00BB8        7028          B     PPRETURN            BACK TO CALLER
                                   7029 *
                                   7030          DROP  R9,R11,R7
                                   7031 *
0002C6 0000
0002C8 00000000                    7032 PPIEFVHA DC    V(IEFVHA)           EXIT FROM IEFVPP0
0002CC                             7033 PP0ADDRS DS    0F                  ENTRY POINT ADDRESS VECTOR
0002CC 0000004E                    7034          DC    A(IEFVPP0)
0002D0 00000316                    7035          DC    A(IEFVPP1)
0002D4 00000736                    7036          DC    A(IEFVPP2)
0002D8 0000096A                    7037          DC    A(IEFVPP3)
0002DC 000002E8                    7038          DC    A(IEFVPP4)
0002E0 00000DB4                    7039          DC    A(IEFVPP5)
0002E4 00000EF8                    7040          DC    A(IEFVPPM)
                                   7041 *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  7043 ************************************************************************
                                  7044 *                                                                      *
                                  7045 * IEFVPP4                                                              *
                                  7046 * *******                                                              *
                                  7047 *                                                                      *
                                  7048 *        THIS ROUTINE IS CALLED BY IEFVFA EACH TIME A JCL STATEMENT    *
                                  7049 *    HAS BEEN COMPLETELY TRANSLATED TO INTERNAL TEXT.  THIS ROUTINE    *
                                  7050 *    WILL BRANCH TO EITHER IEFVPP1 OR IEFVPP2 OR RETURN TO IEFVFA      *
                                  7051 *    IF THE STATEMENT DOES NOT MEET THE CRITERIA FOR IEFVPP1 OR        *
                                  7052 *    IEFVPP2.                                                          *
                                  7053 *                                                                      *
                                  7054 * INPUT:                                                              *
                                  7055 *        SEE IEFVPP1 AND IEFVPP2.                                      *
                                  7056 *                                                                      *
                                  7057 * OUTPUT:                                                             *
                                  7058 *        NONE.                                                         *
                                  7059 *                                                                      *
                                  7060 * SUBROUTINES:                                                        *
                                  7061 *        NONE.                                                         *
                                  7062 *                                                                      *
                                  7063 * EXIT:                                                               *
                                  7064 *        BRANCH TO IEFVPP1 OR IEFVPP2 OR RETURN TO IEFVFA.             *
                                  7065 *                                                                      *
                                  7066 * SVC:                                                                *
                                  7067 *        NONE.                                                         *
                                  7068 *                                                                      *
                                  7069 * NOTES:                                                              *
                                  7070 *        THIS ROUTINE DOES NOT SAVE ANY REGISTERS, SINCE IEFVPP1 OR    *
                                  7071 *        IEFVPP2 (IF BRANCHED TO) WILL DO SO.  IT IS UNNECESSARY       *
                                  7072 *        TO SAVE THEM IF CONTROL IS RETURNED DIRECTLY TO IEFVFA.       *
                                  7073 *                                                                      *
                                  7074 ************************************************************************
                                  7075 *
0002E8                            7076 IEFVPP4  DS    0H
                          002E8   7077           USING *,R15
0002E8 9102 C32A      0032A       7078           TM    SWZ,DDSW           IS THIS A DD STATEMENT
0002EC 4780 F012      002FA       7079           BZ    PP4EXEC            BRANCH IF NOT
                                  7080           L     R15,&ANCHOR        LOAD THE ANCHOR ADDRESS
0002F0 58F0 C3A0      003A0       7081+          L     R15,RFULLE         LOAD THE ANCHOR ADDRESS
0002F4 58F0 F050      00050       7082           L     R15,PPVPP1-PPWORK(,R15) LOAD THE REAL ENTRY POINT
0002F8 07FF                       7083           BR    R15                BRANCH TO IEFVPP1
                                  7084 *
0002FA 9140 C31D      0031D       7085 PP4EXEC  TM    SWA,JHS            HAD FIRST EXEC STATEMENT
0002FE 071E                       7086           BOR   R14                RETURN IF SO
000300 9104 C32A      0032A       7087           TM    SWZ,EXECSW         IS THIS AN EXEC STATEMENT
000304 078E                       7088           BZR   R14                BRANCH IF NOT
000306 9108 C194      00194       7089           TM    PSTMT+4,X'08'      IS THIS A CONVERTED PROC
00030A 071E                       7090           BOR   R14                RETURN IF SO
                                  7091           L     R15,&ANCHOR        LOAD THE ANCHOR ADDRESS
00030C 58F0 C3A0      003A0       7092+          L     R15,RFULLE         LOAD THE ANCHOR ADDRESS
000310 58F0 F054      00054       7093           L     R15,PPVPP2-PPWORK(,R15) LOAD THE REAL ENTRY POINT
000314 07FF                       7094           BR    R15                BRANCH TO IEFVPP2
                                  7095 *
                                  7096           DROP  R15
                                  7097 *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  7099 ************************************************************************
                                  7100 *                                                                      *
                                  7101 * IEFVPP1                                                             *
                                  7102 * *******                                                             *
                                  7103 *                                                                      *
                                  7104 *        THIS ROUTINE IS CALLED BY IEFVFA EACH TIME A DD STATEMENT     *
                                  7105 *    HAS BEEN COMPLETELY TRANSLATED TO INTERNAL TEXT. ON EACH CALL     *
                                  7106 *    IEFVPP1 DOES THE FOLLOWING:                                       *
                                  7107 *                                                                      *
                                  7108 *    1) DETERMINES WHETHER THE DD STATEMENT IS A JOBPROC. IF NOT,      *
                                  7109 *       CONTROL IS PASSED BACK IMMEDIATELY TO IEFVFA.                  *
                                  7110 *                                                                      *
                                  7111 *    2) THE INTERNAL TEXT STRING IS FLAGGED TO INDICATE THAT IT        *
                                  7112 *       REPRESENTS A JOBPROC DD CARD. THIS IS THE METHOD USED TO       *
                                  7113 *       CAUSE THE INTERPRETER TO IGNORE THE DD STATEMENT AT THE        *
                                  7114 *       INTERPRETER "GET" MODULE (IEFVHE) DURING INTERPRETATION.       *
                                  7115 *       THIS IS NECESSARY IN ORDER TO KEEP THE CONVERTER JCL LISTING   *
                                  7116 *       STATEMENT NUMBERS CONSISITENT WITH THE INTERPRETERS LISTING.   *
                                  7117 *                                                                      *
                                  7118 *    3) DETERMINES IF THE FIRST EXEC STATEMENT OF THE STEP HAS         *
                                  7119 *       BEEN RECEIVED. IF IT HAS, AN ERROR MESSAGE INDICATING THAT     *
                                  7120 *       THE JOBPROC DD STATEMENT IS "MISPLACED" IS ISSUED AND          *
                                  7121 *       CONTROL IS PASSED BACK TO IEFVFA.                              *
                                  7122 *                                                                      *
                                  7123 *    4) DETERMINES IF THIS DD STATEMENT IS CONCATENATED TO A PREVIOUS  *
                                  7124 *       JOBPROC DD STATEMENT. IF NOT (IE. A DDNAME HAS BEEN CODED), A  *
                                  7125 *       MESSAGE IS ISSUED INDICATING THE THIS IS A DUPLICATE JOBPROC   *
                                  7126 *       DD STATEMENT.                                                  *
                                  7127 *                                                                      *
                                  7128 *                                                                      *
                                  7129 *    5) ALL INFORMATION NECESSARY TO ALLOCATE THE JOBPROC DATA SET     *
                                  7130 *       DEFINED ON THE DD STATEMENT IS OBTAINED BY SCANNING THE        *
                                  7131 *       INTERNAL TEXT BUFFER. CURRENTLY ONLY THE FOLLOWING DD CARD     *
                                  7132 *       KEYWORDS ARE PROCESSED:                                        *
                                  7133 *                                                                      *
                                  7134 *           KEYWORD       RESTRICTIONS                               *
                                  7135 *          ---------     --------------                              *
                                  7136 *           DSNAME           NONE                                      *
                                  7137 *           UNIT             FIRST POSITIONAL ONLY (IE. UNIT NAME)     *
                                  7138 *           VOLUME           SER="VOLUME SERIAL NUMBER"                *
                                  7139 *                            REF="DSNAME"                              *
                                  7140 *           SYSPROC          YES -> INSTALLATION PROCLIBS AS DEFINED   *
                                  7141 *                                   BY THE IEFDPDSI DD CARD IN THE     *
                                  7142 *                                   JES PROC SHOULD BE CONCATENATED    *
                                  7143 *                                   FOLLOWING THE USERS' PROCLIBS.     *
                                  7144 *                            NO  -> ONLY THE USERS' PROCLIBS SHOULD    *
                                  7145 *                                   BE SEARCHED.                       *
                                  7146 *                                                                      *
                                  7147 *    6) THE USER PROCLIB IS ALLOCATED TO "JES" VIA THE DYNAMIC         *
                                  7148 *       ALLOCATION FACILITIES OF OS/VS. THE PROCLIB IS ALLOCATED TO     *
                                  7149 *       THE DDNAME "IEF#PDS*" WHERE "*" IS AN INDEX BETWEEN 0 AND      *
                                  7150 *       15 (X'F') WHICH REPRESENTS THE RELATIVE CONCATENATION NO. OF   *
                                  7151 *       THE CURRENT JOBPROC ALLOCATION TO OTHERS (IF THE JOBPROC IS     *
                                  7152 *       IN FACT A CONCATENATION). THE MAXIMUM NO. OF CONCATENATIONS     *
                                  7153 *       ALLOWED IS SET DURING INITIALIZATION (IEFVPP0) AS 16 MINUS      *
```

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT ASM 0201 16.32 05/28/20

```
                                7154 *       THE NUMBER OF PROCLIBS PROVIDED IN THE IEF#PDSI DEFINITION.   *
                                7155 *       IF SYSPROC=NO IS SPECIFIED, THE NUMBR OF USER SUPPLIED        *
                                7156 *       PROCLIBS IS AUTOMATICALLY SET TO THE MAXIMUM (16).            *
                                7157 *                                                                      *
                                7158 *    7) CONTROL IS PASSED BACK TO IEFVFA WHO WILL WRITE THE INTERNAL   *
                                7159 *       TEXT STRING FOR THE JOBPROC BACK TO "JES".                     *
                                7160 *                                                                      *
                                7161 * INPUT:                                                              *
                                7162 *        IWA(SWY)      - INDICATES IF IEFVFA HAS DETECTED A SYNTAX     *
                                7163 *                        ERROR IN THE CURRENT STATEMENT                *
                                7164 *        IWA(TEXTBUFP) - CONTAINS A PTR TO THE INTERNAL TEXT BUFFER    *
                                7165 *        IEFVKEYS      - JCL KEY EQUATES USED FOR SCANNING THE TEXT     *
                                7166 *                        BUFFER                                        *
                                7167 *                                                                      *
                                7168 * OUTPUT:                                                             *
                                7169 *        INTERNAL TEXT STRING IS FLAGGED AS REPRESENTING A JOBPROC     *
                                7170 *        AND USER PROCLIB IS ALLOCATED.                                *
                                7171 *                                                                      *
                                7172 * SUBROUTINES:                                                        *
                                7173 *        CALL TO IEFVPPM WHEN ERROR CONDITION IS DETECTED.             *
                                7174 *                                                                      *
                                7175 * EXIT:                                                               *
                                7176 *        RETURN TO CALLER IEFVFA VIA RETURN MACRO.                     *
                                7177 *                                                                      *
                                7178 * SVC:                                                                *
                                7179 *        ESTAE (SVC 60)                                                *
                                7180 *        DYNAMIC ALLOCATION (SVC 99)                                   *
                                7181 *                                                                      *
                                7182 * NOTES:                                                              *
                                7183 *     1) THE TEXT SCANNING IS SOMEWHAT SIMPLIFIED SINCE ALL REQUIRED   *
                                7184 *           OPERANDS ARE THE FIRST FOR THE RELATED KEYWORDS.          *
                                7185 *                                                                      *
                                7186 *     2) ALL ERROR SITUATIONS CAUSE A CALL TO THE IEFVPPM SUBROUTINE   *
                                7187 *        WHICH CAUSES THE JOB TO BE FLUSHED ON A JCL ERROR. ERROR      *
                                7188 *        MESSAGES ARE ACTUALLY WRITTEN TO THE USERS' LOG FILE VIA      *
                                7189 *        AN ABOMINATION TAKEN FROM IEFVGM.                             *
                                7190 *                                                                      *
                                7191 ************************************************************************
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   7193 IEFVPP1  PPEPA VPP1                IEFVPP1 ENTRY POINT ADDRESS
000316                             7194+IEFVPP1  DS    0H                  ENTRY POINT ADDRESS
                           00316   7195+         USING *,R15               TEMPORARY BASE
                                   7196+*
000316 90EC D00C      0000C        7197+         STM   R14,R12,12(R13)     SAVE CALLERS REGS
00031A 58B0 FBDE      00EF4        7198+         L     R11,PPBASE          SET UP MODULE BASE
00031E 4170 0800      00800        7199+         LA    R7,2048             SET UP SECOND
000322 4177 B800      00800        7200+         LA    R7,2048(R7,R11)      BASE REGISTER
                           00000   7201+         USING IEFVPP,R11,R7       INFORM ASSEMBLER OF BASE REG
                                   7202+         DROP  R15                 DROP TEMPORARY BASE
                                   7203+*
000326 5860 C3A0      003A0        7204+         L     R6,RFULLE           LOAD PP WORK AREA ADDRESS
00032A 9101 60B8      000B8        7205+         TM    PPSTAT0,PPINITC     HAS IEFVPP0 BEEN CALLED ?
00032E 4710 B338      00338        7206+         BO    *+10                YES, CONTINUE
000332 98EC D00C      0000C        7207+         LM    R14,R12,12(R13)     NO, RELOAD REGISTERS
000336 07FE                        7208+         BR    R14                 AND RETURN IMMEDIATELY
000338 9640 60B8      000B8        7209+         OI    PPSTAT0,PP1CODE     INDICATE IEFVPP1 IS EXECUTING
                                   7210+*
00033C 58F0 B344      00344        7211+         L     R15,PP1TRCV         LOAD CONVERTER TRACE ROUTINE ADDRESS
000340 0700                        7212+         CNOP  2,4                 ALIGN TRACE PARM LIST
000342 05EF                        7213+         BALR  R14,R15             ENTER MODULE ID IN TRACE REC.
000344 00000000                    7214+PP1TRCV  DC    V(TRACE)            TRACE ROUTINE ID (IN IEFVH1)
000348 E5D7D7F1                    7215+         DC    CL4'VPP1'           MODULE ID FOR TRACE RECORD
                                   7216+*
00034C D747 6000 6000 00000 00000  7217+         XC    PPSAVE(72),PPSAVE   CLEAR SAVE AREA
000352 50D0 6004      00004        7218+         ST    R13,PPSAVE+4        STORE BACKWARD POINTER
000356 4110 6000      00000        7219+         LA    R1,PPSAVE           POINT AT SAVE AREA
00035A 5010 D008      00008        7220+         ST    R1,8(,R13)          STORE FORWARD POINTER
00035E 18D1                        7221+         LR    R13,R1              SET NEW SAVE AREA ADDRESS
                                   7222+*
000360 D20F 62C8 7178 002C8 01178  7223+         MVC   PPESTAEP(PPESTAEL),PPESTAEM MOVE IN MODEL PLIST
                                   7224+*    MACDATE Y-1 75302                                        00160004
000366 4110 62C8      002C8        7225+         LA    1,PPESTAEP                  LOAD PARAMETER REG 1   01900002
00036A 4100 BDB6      00DB6        7226+         LA    0,PPESTAEX                  LOAD PARAMETER REG 0   02500002
00036E BE07 1001      00001        7227+         STCM  0,7,1(1)               STORE USER EXIT ADDRESS     03500004
000372 9610 1000      00000        7228+         OI    0(1),16                FLAGS FOR TCB,PURGE,ASYNCH  04100004
000376 50C0 1004      00004        7229+         ST    12,4(0,1)              MODIFY LIST - PARAM ADDR    04500004
00037A 9640 100C      0000C        7230+         OI    12(1),64               FLAGS FOR TERM AND RECORD   04836004
00037E 1F00                        7231+         SLR   0,0                    INDICATE CREATE OPTION      08950004
000380 0A3C                        7232+         SVC   60                     ISSUE STAE SVC              09500004
000382 9640 60C3      000C3        7233+         OI    PPMISC,PPESTAE      INDICATE ESTAE IN EFFECT
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   7235 ***************************** ROUTING *********************************
000386 9101 C329      00329        7236          TM    SWY,X'01'           ANY SYNTAX ERROR IN STATEMENT ?
00038A 4710 BBB8      00BB8        7237          BO    PPRETURN            YES, IGNORE THE STATEMENT
00038E 5810 C02C      0002C        7238          L     R1,TEXTBUFP         -> INTERNAL TEXT BUFFER
000392 4110 1004      00004        7239          LA    R1,STRDKEY-TEXT(,R1)  -> START KEY
000396 9501 1001      00001        7240          CLI   1(R1),1             SINGLE POSITIONAL (= DDNAME) ?
00039A 4770 BBB8      00BB8        7241          BNE   PPRETURN            NO, WILL GET JCL ERROR
                                   7242 *
00039E 9120 60B9      000B9        7243          TM    PPSTAT1,PPJPBUSY    BUSY ON JOBPROC CONCAT ?
0003A2 4710 B3C0      003C0        7244          BO    PPTCONC             YES, SKIP
0003A6 D507 1002 7050 00002 01050  7245          CLC   2(8,R1),PPJOBPRO    IS START OF JOBPROC CONCAT ?
0003AC 4770 BBB8      00BB8        7246          BNE   PPRETURN            NO, EXIT
0003B0 9140 60B9      000B9        7247          TM    PPSTAT1,PPHAVJP     BEEN HERE BEFORE ?
0003B4 4710 B70E      0070E        7248          BO    PPERM836            YES -> MISPLACED JOBPROC ERROR
                                   7249 *
0003B8 9668 60B9      000B9        7250          OI    PPSTAT1,PPHAVJP+PPJPBUSY+PPSYSYES    BUSY, DEFAULT INIT
0003BC 47F0 B3DE      003DE        7251          B     PP1COMM             CONTINUE INITIALIZATION
                                   7252 *
0003C0                             7253 PPTCONC  DS    0H
0003C0 9500 1002      00002        7254          CLI   2(R1),0             MISSING DDNAME = CONCATENATION
0003C4 4780 B3DA      003DA        7255          BE    PPSETCNC            YES, GO SAVE STATUS
0003C8 94DF 60B9      000B9        7256          NI    PPSTAT1,PPALL-PPJPBUSY    CLEAR JOBPROC BUSY STATUS
0003CC D507 1002 7050 00002 01050  7257          CLC   2(8,R1),PPJOBPRO    A SECOND "JOBPROC" DD CARD ?
0003D2 4780 B70E      0070E        7258          BE    PPERM836            YES, GIVE "MISPLACED JOBPROC"
0003D6 47F0 BBB8      00BB8        7259          B     PPRETURN            AND EXIT
                                   7260 *
0003DA                             7261 PPSETCNC DS    0H
0003DA 9610 60B9      000B9        7262          OI    PPSTAT1,PPCONCJP    SHOW CONCATENATED USER FILES
                                   7263 *
0003DE                             7264 PP1COMM  DS    0H
0003DE 9240 6180      00180        7265          MVI   PPDSNAME,C' '       CLEAR DSNAME AREA
0003E2 D22A 6181 6180 00181 00180  7266          MVC   PPDSNAME+1(43),PPDSNAME    TO BLANKS
0003E8 D22B 61D6 6180 001D6 00180  7267          MVC   PPVOLREF,PPDSNAME   CLEAR VOL=REF=DSNAME
0003EE D207 61B2 6180 001B2 00180  7268          MVC   PPVOLSER,PPDSNAME   CLEAR VOLSER AREA
0003F4 D207 61C0 6180 001C0 00180  7269          MVC   PPUNIT,PPDSNAME     CLEAR THE UNIT NAME AREA
0003FA 9208 61CE      001CE        7270          MVI   PPSDISP,PPASHR      SET DEFAULT DISP TO "SHR" SO THAT
                                   7271 *                                   DISP PARAMETER MAY BE IGNORED
                                   7272          PPDEBUG ENT1              TRACE PP1 WITH JOBPROC CARD
0003FE 45E0 7004      01004        7273+         BAL   R14,IEFVPPDB         GO TO DEBUGGING TRACER
000402 C5D5E3F1                    7274+         DC    CL4'ENT1'           INDICATE WHERE WE ARE
                                   7275 *
000406 5820 C02C      0002C        7276          L     R2,TEXTBUFP         R2 -> INTERNAL TEXT BUFFER
00040A 9680 2002      00002        7277          OI    STRINDCS-TEXT(R2),JPROCSTR FLAG DD CARD AS JOBPROC
00040E 9180 60B9      000B9        7278          TM    PPSTAT1,PPJPERR     PREVIOUS ERROR NOTED ?
000412 4710 BBB8      00BB8        7279          BO    PPRETURN            YES, JUST EXIT
000416 9200 60BA      000BA        7280          MVI   PPSTAT2,0           CLEAR STATEMENT STATUS FLAGS
                                   7281 *
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   7283 ************************** COLLECT PARAMETERS ************************
00041A 1B00                        7284          SR    R0,R0               CLEAR NUMBER/COUNT STACK (MAX = 4)
00041C 1BEE                        7285          SR    R14,R14             USED FOR NUMBER/COUNT
00041E 1BFF                        7286          SR    R15,R15             USED FOR LENGTH
                                   7287 *
000420                             7288 PPITXT01 DS    0H
000420 1821                        7289          LR    R2,R1               SAVE KEY ADDR
000422 95FE 2000      00000        7290          CLI   0(R2),ENDK          END OF TEXT ?
000426 4780 B54C      0054C        7291          BE    PPTSTOPT            BRANCH IF YES..GO TEST OPTIONS
00042A 43E0 1001      00001        7292          IC    R14,1(,R1)          LOAD NUMBER
00042E 4110 1002      00002        7293          LA    R1,2(,R1)           -> LENGTH/COUNT/KEY
000432 12EE                        7294          LTR   R14,R14             HAVE OPERAND ?
000434 4780 B420      00420        7295          BZ    PPITXT01            NULL OPERAND, LOOP
                                   7296 *
000438                             7297 PPITXT02 DS    0H
000438 9180 1000      00000        7298          TM    0(R1),PPVLBIT       IS THIS A COUNT ?
00043C 4780 B45E      0045E        7299          BZ    PPITXT03            NO, SKIP
000440 8B00 0008      00008        7300          SLA   R0,8                PUSH NUMBER/COUNT STACK
000444 4710 B6DE      006DE        7301          BO    PPERM800            ERROR IF OVERFLOW
000448 160E                        7302          OR    R0,R14              SAVE CURRENT NUMBER/COUNT
00044A 43E0 1000      00000        7303          IC    R14,0(,R1)          LOAD NEW COUNT
00044E 4110 1001      00001        7304          LA    R1,1(,R1)           -> LENGTH/COUNT
000452 54E0 702C      0102C        7305          N     R14,PPMSKCLR        CLEAR TOP FLAG & TEST ZERO
000456 4770 B438      00438        7306          BNZ   PPITXT02            HAVE COUNT, GO INSPECT NEXT
00045A 47F0 B4A0      004A0        7307          B     PPITXT05            NULL COUNT, GO POP STACK
                                   7308 *
00045E                             7309 PPITXT03 DS    0H
00045E 43F0 1000      00000        7310          IC    R15,0(,R1)          LOAD LENGTH
000462 1222                        7311          LTR   R2,R2               HAVE A KEY TO INSPECT ?
000464 4780 B496      00496        7312          BZ    PPITXT04            NO, SKIP
000468 123F                        7313          LTR   R3,R15              IS LENGTH NULL ?
00046A 4780 B496      00496        7314          BZ    PPITXT04            IGNORE IF SO
                                   7315 *
00046E 954A 2000      00000        7316          CLI   0(R2),DSNAMEK       DSNAME ?
000472 4780 B4DE      004DE        7317          BE    PPSETDSN                 GO SAVE IT
000476 954F 2000      00000        7318          CLI   0(R2),SERMK         VOLUME SERIAL ?
00047A 4780 B4EE      004EE        7319          BE    PPSETSER                 GO SAVE IT
00047E 9550 2000      00000        7320          CLI   0(R2),REFMK         VOLUME REF BY DSNAME ?
000482 4780 B50E      0050E        7321          BE    PPSETREF                 GO SAVE IT
000486 9501 2000      00000        7322          CLI   0(R2),SYSPROCK      SYSPROC OPTION ?
00048A 4780 B4B2      004B2        7323          BE    PPSETSYS                 GO SAVE IT
00048E 9541 2000      00000        7324          CLI   0(R2),UNITK         UNIT SPECIFICATION ?
000492 4780 B4FE      004FE        7325          BE    PPSETUNT                 GO SAVE IT
                                   7326 *
000496                             7327 PPITXT04 DS    0H
000496 1B22                        7328          SR    R2,R2               KILL KEY INSPECTION TILL NEXT KEY
000498 411F 1001      00001        7329          LA    R1,1(R15,R1)        -> LENGTH/COUNT/KEY
00049C 46E0 B438      00438        7330          BCT   R14,PPITXT02        LOOP FOR REST OF NUMBER/COUNT
                                   7331 *
0004A0                             7332 PPITXT05 DS    0H
0004A0 8A00 0008      00008        7333          SRA   R0,8                OPERAND END, POP THE NUMBER/COUNT
0004A4 4780 B420      00420        7334          BZ    PPITXT01            STACK EMPTY, GO DO NEXT KEY
0004A8 18E0                        7335          LR    R14,R0              SET LOOP COUNTER
0004AA 54E0 702C      0102C        7336          N     R14,PPMSKCLR        ONLY ONE BYTE VALUE
0004AE 47F0 B438      00438        7337          B     PPITXT02            GO TEST FOR COUNT/LENGTH NEXT
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LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT ASM 0201 16.32 05/28/20

7338 *

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   7340 ********************** EXTRACT PARAMETER DATA ************************
0004B2                             7341 PPSETSYS DS    0H
0004B2 9110 60B9      000B9        7342          TM    PPSTAT1,PPCONCJP    PRIMARY JOBPROC STATEMENT ?
0004B6 4710 B6E6      006E6        7343          BO    PPERM801            NO -> ERROR, SYSPROC NOT VALID
0004BA D503 7058 1000 01058 00000  7344          CLC   PPSYES(4),0(R1)      SYSPROC=YES ?
0004C0 4780 B496      00496        7345          BE    PPITXT04                 IS DEFAULT, RETURN TO SCAN
0004C4 D502 705C 1000 0105C 00000  7346          CLC   PPSNO(3),0(R1)       SYSPROC=NO ?
0004CA 4770 B71E      0071E        7347          BNE   PPERM843            ELSE INVALID OPERAND
                                   7348 *
0004CE 94F7 60B9      000B9        7349          NI    PPSTAT1,PPALL-PPSYSYES   SAVE NO SYSTEM PROC WANTED
0004D2 4140 0010      00010        7350          LA    R4,16               SET MAXIMUM NUMBER OF PROCLIBS
0004D6 4040 60CA      000CA        7351          STH   R4,PPJPMAX           SET IT FOR LATER USE
0004DA 47F0 B496      00496        7352          B     PPITXT04            CONTINUE SCAN
                                   7353 *
0004DE                             7354 PPSETDSN DS    0H
0004DE 9680 60BA      000BA        7355          OI    PPSTAT2,PPHAVDSN    SHOW DSNAME GIVEN
0004E2 4030 617E      0017E        7356          STH   R3,PPDSNAML         SAVE STRING LENGTH
0004E6 4140 B52C      0052C        7357          LA    R4,PPDSNTAB         -> TABLE ENTRY FOR PROCESSING
0004EA 47F0 B51A      0051A        7358          B     PPTSTMOV            MERGE
                                   7359 *
0004EE                             7360 PPSETSER DS    0H
0004EE 9640 60BA      000BA        7361          OI    PPSTAT2,PPHAVSER    SHOW VOLSER GIVEN
0004F2 4030 61B0      001B0        7362          STH   R3,PPVOLSEL         SAVE STRING LENGTH
0004F6 4140 B534      00534        7363          LA    R4,PPSERTAB         -> TABLE ENTRY FOR PROCESSING
0004FA 47F0 B51A      0051A        7364          B     PPTSTMOV            MERGE
                                   7365 *
0004FE                             7366 PPSETUNT DS    0H
0004FE 9610 60BA      000BA        7367          OI    PPSTAT2,PPHAVUNT    SHOW UNIT GIVEN
000502 4030 61BE      001BE        7368          STH   R3,PPUNITL          SAVE STRING LENGTH
000506 4140 B544      00544        7369          LA    R4,PPUNTTAB         -> TABLE ENTRY FOR PROCESSING
00050A 47F0 B51A      0051A        7370          B     PPTSTMOV            MERGE
                                   7371 *
00050E                             7372 PPSETREF DS    0H
00050E 9620 60BA      000BA        7373          OI    PPSTAT2,PPHAVREF    SHOW VOLUME REF BY DSNAME
000512 4030 61D4      001D4        7374          STH   R3,PPVLREFL         SAVE DSNAME LENGTH FOR ALLOC
000516 4140 B53C      0053C        7375          LA    R4,PPREFTAB         -> TABLE ENTRY FOR PROCESSING
                                   7376 *
00051A                             7377 PPTSTMOV DS    0H
00051A 4930 4000      00000        7378          CH    R3,0(,R4)           TEST STRING LENGTH FOR MAX
00051E 4720 B716      00716        7379          BH    PPERM842            "EXCESSIVE PARAMETER LENGTH"
000522 0630                        7380          BCTR  R3,0                GET MC LENGTH FOR MOVE
000524 4430 4002      00002        7381          EX    R3,2(,R4)           SET STRING ACCORDING TO MOVE
000528 47F0 B496      00496        7382          B     PPITXT04            CONTINUE SCAN
                                   7383 *
00052C 002C                        7384 PPDSNTAB DC    Y(44)                     MAX STRING LENGTH
00052E D200 6180 1001 00180 00001  7385          MVC   PPDSNAME(*-*),1(R1)       SHIFT STRING TO WORK AREA
                                   7386 *
000534 0006                        7387 PPSERTAB DC    Y(6)
000536 D200 61B2 1001 001B2 00001  7388          MVC   PPVOLSER(*-*),1(R1)
                                   7389 *
00053C 002C                        7390 PPREFTAB DC    Y(44)
00053E D200 61D6 1001 001D6 00001  7391          MVC   PPVOLREF(*-*),1(R1)
                                   7392 *
000544 0008                        7393 PPUNTTAB DC    Y(8)
000546 D200 61C0 1001 001C0 00001  7394          MVC   PPUNIT(*-*),1(R1)
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LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT ASM 0201 16.32 05/28/20

7395 *

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   7397 ********************** CHECK FOR REQUIRED PARMS **********************
00054C                             7398 PPTSTOPT DS    0H
00054C 9180 60BA      000BA        7399          TM    PPSTAT2,PPHAVDSN    IS DSNAME PROVIDED ?
000550 4780 B6EE      006EE        7400          BZ    PPERM802            ERROR IF MISSING
                                   7401 *
000554 9110 60BA      000BA        7402          TM    PPSTAT2,PPHAVUNT    UNIT PARAMETER SPECIFIED ?
000558 4780 B57A      0057A        7403          BZ    PPTSNMSS            BRANCH IF NOT
00055C D507 61C0 7068 001C0 01068  7404          CLC   PPUNIT,=CL8'3330V'  WAS MSS SPECIFIED AS UNIT?
000562 4780 B706      00706        7405          BE    PPERM811            ERROR IF SO
000566 D507 61C0 7070 001C0 01070  7406          CLC   PPUNIT,=CL8'SDG00'  CHECK LOWER BOUND OF SDGXX NAME
00056C 4740 B57A      0057A        7407          BL    PPTSNMSS            OK IF LOWER
000570 D507 61C0 7078 001C0 01078  7408          CLC   PPUNIT,=CL8'SDG99'  CHECK UPPER BOUND OF SDGXX NAME
000576 47D0 B706      00706        7409          BNH   PPERM811            ERROR IF NOT HIGHER
                                   7410 *
00057A                             7411 PPTSNMSS DS    0H
                                   7412 *
                                   7413 *        IF IT IS DESIRED TO PROHIBIT ACCESS TO ANY DATA SETS VIA
                                   7414 *        JOBPROC, THE CHECK CAN BE MADE HERE APPROPRIATE MESSAGE
                                   7415 *        ROUTINE (PPERM803) CAN BE BRANCHED TO.
                                   7416 *
00057A D501 60C8 60CA 000C8 000CA  7417          CLC   PPJPCNT(2),PPJPMAX  ARE WE ALREADY AT THE MAXIMUM ?
000580 47B0 B6FE      006FE        7418          BNL   PPERM804            YES, GIVE UP



                                   7420 ********************* ALLOCATE TO USER PROCLIB ***********************
000584 4190 6140      00140        7421 PPGOALOC LA    R9,PPDARB           -> DYNAMIC ALLOC REQUEST BLOCK
                           00000   7422          USING S99RB,R9            GET ADDRESSABILITY TO DARB
000588 9201 9001      00001        7423          MVI   S99VERB,S99VRBAL    INDICATE "ALLOC DSNAME" REQUEST
00058C 4190 6154      00154        7424          LA    R9,PPDATXTL         -> ALLOCATION TEXT POINTERS
                           00000   7425          USING S99TUPL,R9          MAKE TEXT PTRS ADDRESSABLE
000590 4180 616C      0016C        7426          LA    R8,PPDDNAMK         -> DDNAME TEXT UNIT SLOT
                           00000   7427          USING S99TUNIT,R8         MAKE TEXT UNITS ADDRESSABLE
000594 D201 8000 7096 00000 01096  7428          MVC   S99TUKEY,=AL2(DALDDNAM) SET DDNAME KEY
00059A D201 8002 7098 00002 01098  7429          MVC   S99TUNUM,=AL2(1)    SET NUMBER OF OPERANDS
0005A0 D201 8004 709A 00004 0109A  7430          MVC   S99TULNG,=H'8'      SET DDNAME LENGTH
0005A6 D206 8006 610C 00006 0010C  7431          MVC   S99TUPAR(7),PPUSRDDN SET BASIC DDNAME
0005AC 4820 60C8      000C8        7432          LH    R2,PPJPCNT          GET CURRENT CONCATENATION NO.
0005B0 4120 2001      00001        7433          LA    R2,1(,R2)           BUMP BY ONE
0005B4 41F2 703F      0103F        7434          LA    R15,PPDDNSUF-1(R2)  POINT TO PROPER DDNAME SUFFIX
0005B8 D200 800D F000 0000D 00000  7435          MVC   S99TUPAR+7(1),0(R15) SET DDNAME SUFFIX
0005BE 5080 9000      00000        7436          ST    R8,S99TUPTR         SET PTR TO DDNAME TEXT UNIT
                                   7437 *
0005C2 4180 617A      0017A        7438          LA    R8,PPDSNAMK         -> DSNAME TEXT UNIT SLOT
0005C6 4190 9004      00004        7439          LA    R9,L'S99TUPTR(,R9)  -> NEXT TEXT UNIT PTR
0005CA D201 8000 709C 00000 0109C  7440          MVC   S99TUKEY,=AL2(DALDSNAM) SET "DSNAME" TEXT KEY
0005D0 D201 8002 7098 00002 01098  7441          MVC   S99TUNUM,=AL2(1)    SET NUMBER OF OPERANDS
0005D6 5080 9000      00000        7442          ST    R8,S99TUPTR         SET PTR TO "DSNAME" TEXT UNIT
0005DA 4180 61C8      001C8        7443          LA    R8,PPSDISPK         -> STATUS DISPOSITION TEXT
                                   7444 *
0005DE 4190 9004      00004        7445          LA    R9,L'S99TUPTR(,R9)  -> NEXT TEXT PTR SLOT
0005E2 D201 8000 709E 00000 0109E  7446          MVC   S99TUKEY,=AL2(DALSTATS) SET "STATUS" DISP KEY
0005E8 D201 8002 7098 00002 01098  7447          MVC   S99TUNUM,=AL2(1)    SET NUMBER OF OPERANDS
0005EE D201 8004 7098 00004 01098  7448          MVC   S99TULNG,=AL2(1)    SET LENGTH OF DISP CODE
0005F4 5080 9000      00000        7449          ST    R8,S99TUPTR         SET PTR TO "STATUS" DISP TEXT
                                   7450 *
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

0005F8 9140 60BA      000BA        7451           TM    PPSTAT2,PPHAVSER    VOLUME SERIAL NO. SPECIFIED ?
0005FC 4780 B618      00618        7452           BZ    PPASVREF            BRANCH IF NOT
000600 4180 61AC      001AC        7453           LA    R8,PPVOLSEK         -> VOLUME SERIAL TEXT UNIT
000604 4190 9004      00004        7454           LA    R9,L'S99TUPTR(,R9)  -> NEXT TEXT PTR SLOT
000608 D201 8000 70A0 00000 010A0  7455           MVC   S99TUKEY,=AL2(DALVLSER) SET "VOL=SER=" TEXT KEY
00060E D201 8002 7098 00002 01098  7456           MVC   S99TUNUM,=AL2(1)    SET NUMBER OF OPERANDS
000614 5080 9000      00000        7457           ST    R8,S99TUPTR         SET PTR TO "VOL=SER=" TEXT
                                   7458 *
000618 9120 60BA      000BA        7459 PPASVREF  TM    PPSTAT2,PPHAVREF    "VOL=REF=DSN" SPECIFIED ?
00061C 4780 B638      00638        7460           BZ    PPASUNIT            BRANCH IF NOT
000620 4180 61D0      001D0        7461           LA    R8,PPVLREFK         -> VOLUME REFERENCE TEXT UNIT
000624 4190 9004      00004        7462           LA    R9,L'S99TUPTR(,R9)  -> NEXT TEXT PTR SLOT
000628 D201 8000 70A2 00000 010A2  7463           MVC   S99TUKEY,=AL2(DALVLRDS) SET "VOL=REF=" TEXT KEY
00062E D201 8002 7098 00002 01098  7464           MVC   S99TUNUM,=AL2(1)    SET NUMBER OF OPERANDS
000634 5080 9000      00000        7465           ST    R8,S99TUPTR         SET PTR TO "VOL=SER=" TEXT
                                   7466 *
000638 9110 60BA      000BA        7467 PPASUNIT  TM    PPSTAT2,PPHAVUNT    UNIT PARAMETER SPECIFIED ?
00063C 4780 B658      00658        7468           BZ    PPAENDTL            BRANCH IF NOT
000640 4180 61BA      001BA        7469           LA    R8,PPUNITK          -> "UNIT" TEXT UNIT
000644 4190 9004      00004        7470           LA    R9,L'S99TUPTR(,R9)  -> NEXT TEXT PTR SLOT
000648 D201 8000 70A4 00000 010A4  7471           MVC   S99TUKEY,=AL2(DALUNIT) SET "UNIT" TEXT KEY
00064E D201 8002 7098 00002 01098  7472           MVC   S99TUNUM,=AL2(1)    SET NUMBER OF OPERANDS
000654 5080 9000      00000        7473           ST    R8,S99TUPTR         SET PTR TO "UNIT" TEXT
                                   7474 *
000658 9280 9000      00000        7475 PPAENDTL  MVI   S99TUPTR,S99TUPLN   SET END OF TEXT UNITS INDICATOR
00065C 4110 613C      0013C        7476           LA    R1,PPDAARGL         R1 -> DYNAMIC ALLOC PARM LIST
000660 9602 60B8      000B8        7477           OI    PPSTAT0,PPDACODE    INDICATE WE ARE IN ALLOC. CODE
                                   7478           DYNALLOC ,                ALLOCATE TO USER PROCLIB
                                   7479+*         MACDATE Y-2 73082                                    00300002
000664 0A63                        7480+          SVC   99 CALL DYNAMIC ALLOCATION                     00400002
000666 94FD 60B8      000B8        7481           NI    PPSTAT0,PPALL-PPDACODE INDICATE WE ARE BACK
00066A 12FF                        7482           LTR   R15,R15             ALLOCATION SUCCESSFUL ?
00066C 4780 B678      00678        7483           BZ    PPADAOK             BRANCH IF YES
000670 45A0 BBD8      00BD8        7484           BAL   R10,PPDAERRA        DO ERROR ANALYSIS
000674 47F0 BBB8      00BB8        7485           B     PPRETURN            RETURN TO CALLER
                                   7486 *
000678 4020 60C8      000C8        7487 PPADAOK   STH   R2,PPJPCNT           UPDATE CONCATENATION NO.
00067C 0620                        7488           BCTR  R2,0                REDUCE COUNT FOR SHIFT
00067E BF1C 70A6      010A6        7489           ICM   R1,12,=X'8000'      INSERT BIT MASK
000682 8810 2000      00000        7490           SRL   R1,0(R2)            SHIFT TO CORRECT BIT POSITION
000686 BF2C 60BB      000BB        7491           ICM   R2,12,PPALLOC1      GET CURRENT ALLOCATION MASK
00068A 1621                        7492           OR    R2,R1               GET NEW ALLOCATION STATUS
00068C BE2C 60BB      000BB        7493           STCM  R2,12,PPALLOC1      SET NEW ALLOCATION STATUS
                                   7494           PPDEBUG END1              TRACE END OF PP1
000690 45E0 7004      01004        7495+          BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
000694 C5D5C4F1                    7496+          DC    CL4'END1'           INDICATE WHERE WE ARE
                                   7497 *
000698 5810 60C4      000C4        7498           L     R1,PPTIOTAD         LOAD THE TIOT ADDRESS
                           00000   7499           USING TIODSECT,R1         SET UP ADDRESSIBILITY
00069C 1FFF                        7500           SLR   R15,R15             ZERO FOR INSERTS
                                   7501 *
00069E 9500 1018      00018        7502 PPATIOLP  CLI   TIOELNGH,0          CHECK FOR END OF TIOT
0006A2 4780 B706      00706        7503           BE    PPERM811            BRANCH IF NAME NOT FOUND (ERROR)
0006A6 D507 101C 6172 0001C 00172  7504           CLC   TIOEDDNM,PPDDNAME   CHECK FOR THE ALLOCATED DD ENTRY
0006AC 4780 B6BA      006BA        7505           BE    PPATIOTF            BRANCH IF FOUND
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

0006B0 43F0 1018      00018        7506           IC    R15,TIOELNGH        LOAD THE LENGTH
0006B4 1A1F                        7507           AR    R1,R15              INCREMENT ADDRESS
0006B6 47F0 B69E      0069E        7508           B     PPATIOLP            CONTINUE TIOT SCAN
                                   7509 *
0006BA BF17 1029      00029        7510 PPATIOTF  ICM   R1,7,TIOEFSRT       LOAD THE UCB ADDRESS
0006BE 4780 B706      00706        7511           BZ    PPERM811            IF NONE, THIS IS VERY BAD
                            00000  7512           USING UCBDSECT,R1         TELL THE ASSEMBLER ABOUT THE UCB
                                   7513 *
0006C2 9120 1012      00012        7514           TM    UCBTBYT3,UCB3DACC   TEST FOR DIRECT ACCESS
0006C6 4780 B706      00706        7515           BZ    PPERM811            IF NOT, THIS CANNOT BE ALLOWED
0006CA 9108 1011      00011        7516           TM    UCBTBYT2,UCBRVDEV   TEST FOR VIRTUAL DEVICE
0006CE 4710 B706      00706        7517           BO    PPERM811            THIS IS ALSO NOT ALLOWED
                                   7518 *
                                   7519           DROP  R1
                                   7520 *
                                   7521           PPDEBUG END1              TRACE END OF PP1
0006D2 45E0 7004      01004        7522+          BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
0006D6 C5D5C4F1                    7523+          DC    CL4'END1'           INDICATE WHERE WE ARE
                                   7524 *
0006DA 47F0 BBB8      00BB8        7525           B     PPRETURN            RETURN TO CONVERTER
                                   7526 *
                                   7527           DROP  R8,R9
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                   7529 ********************************************************************
                                   7530 *        THE FOLLOWING ARE THE ERROR MESSAGE INTERFACES TO IEFVPPM    *
                                   7531 *        FOR THE JOBPROC DD STATEMENT PROCESSOR (IEFVPP1).            *
                                   7532 ********************************************************************
                                   7533 *
0006DE                             7534 PPERM800 DS    0H
0006DE 4120 71C6      011C6        7535          LA    R2,MSG800I          SYNTAX ERROR IN JOBPROC STMT
0006E2 47F0 B726      00726        7536          B     PPERRNSL            GO PRODUCE ERROR MESSAGE
                                   7537 *
0006E6                             7538 PPERM801 DS    0H
0006E6 4120 71F4      011F4        7539          LA    R2,MSG801I          ILLEGAL USE OF "SYSPROC" KEY
0006EA 47F0 B726      00726        7540          B     PPERRNSL            GO PRODUCE ERROR MESSAGE
                                   7541 *
0006EE                             7542 PPERM802 DS    0H
0006EE 4120 721D      0121D        7543          LA    R2,MSG802I          JOBPROC DSNAME MISSING
0006F2 47F0 B726      00726        7544          B     PPERRNSL
                                   7545 *
0006F6                             7546 PPERM803 DS    0H
0006F6 4120 724A      0124A        7547          LA    R2,MSG803I          DATA SET NOT VALID FOR JOBPROC
0006FA 47F0 B726      00726        7548          B     PPERRNSL
                                   7549 *
0006FE                             7550 PPERM804 DS    0H
0006FE 4120 727D      0127D        7551          LA    R2,MSG804I          CONCATENATION LIMIT EXCEEDED
000702 47F0 B726      00726        7552          B     PPERRNSL
                                   7553 *
000706                             7554 PPERM811 DS    0H
000706 4120 73F9      013F9        7555          LA    R2,MSG811I          JOBPROC VOLUME NOT ALLOWED
00070A 47F0 B726      00726        7556          B     PPERRNSL
                                   7557 *
00070E                             7558 PPERM836 DS    0H
00070E 4120 75FC      015FC        7559          LA    R2,MSG836I          MISPLACED OR DUPLICATE JOBPROC
000712 47F0 B726      00726        7560          B     PPERRNSL
                                   7561 *
000716                             7562 PPERM842 DS    0H
000716 4120 7621      01621        7563          LA    R2,MSG842I          EXCESSIVE PARAMETER LENGTH (SYSPROC)
00071A 47F0 B726      00726        7564          B     PPERRNSL
                                   7565 *
00071E                             7566 PPERM843 DS    0H
00071E 4120 765A      0165A        7567          LA    R2,MSG843I          UNIDENTIFIED PARAMETER IN SYSPROC
000722 47F0 B726      00726        7568          B     PPERRNSL



000726                             7570 PPERRNSL DS    0H
000726 45E0 BEF8      00EF8        7571          BAL   R14,IEFVPPM         PRODUCE ERROR MESSAGE
                                   7572          PPDEBUG ERR1              TRACE ERROR IN PP1
00072A 45E0 7004      01004        7573+         BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
00072E C5D9D9F1                    7574+         DC    CL4'ERR1'           INDICATE WHERE WE ARE
                                   7575 *
000732 47F0 BBB8      00BB8        7576          B     PPRETURN            RETURN TO CALLER
                                   7577 *
                                   7578          DROP  R11,R7
                                   7579 *
```

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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  7581 ************************************************************************
                                  7582 *                                                                      *
                                  7583 * IEFVPP2                                                              *
                                  7584 * *******                                                              *
                                  7585 *                                                                      *
                                  7586 * THIS ROUTINE IS CALLED WHEN THE FIRST EXEC STATEMENT IS TO BE        *
                                  7587 * PROCESSED.                                                           *
                                  7588 *                                                                      *
                                  7589 *      1) A CHECK IS MADE TO SEE IF A JOBPROC DD CARD HAS BEEN         *
                                  7590 *         DETECTED BY IEFVPP1. IF NOT, CONTROL IS IMMEDIATELY PASSED   *
                                  7591 *         BACK TO IEFVFA.                                              *
                                  7592 *                                                                      *
                                  7593 *      2) IF THE JOBPROC DEFINES A CONCATENATION OR THE "SYSPROC=YES"  *
                                  7594 *         OPTION HAS BEEN CHOSEN, THE OS/VS DYNAMIC ALLOCATION         *
                                  7595 *         ROUTINES ARE CALLED TO CONCATENATE THE DATA SETS ALLOCATED    *
                                  7596 *         BY IEFVPP1.                                                  *
                                  7597 *                                                                      *
                                  7598 *      3) THE USER PROCLIB DCB IS OPENED. IF AN ERROR IS DETECTED      *
                                  7599 *         BY THE OPEN ROUTINES (IE. S213, ETC.), THEN AN ERROR         *
                                  7600 *         MESSAGE IS GIVEN AND CONTROL IS RETURNED TO IEFVFA.          *
                                  7601 *                                                                      *
                                  7602 *      4) IF THE PROCLIB BUFFER OBTAINED BY CONVERTER INITIALIZATION   *
                                  7603 *         IS SMALLER THAN THE USER'S PROCLIB BLKSIZE, A NEW BUFFER IS  *
                                  7604 *         OBTAINED AND ITS ADDRESS SET IN THE CONVERTER WORK AREA.     *
                                  7605 *                                                                      *
                                  7606 *      5) ALL ERRORS ENCOUNTERED DURING IEFVPP2 CAUSE AN APPROPRIATE   *
                                  7607 *         ERROR MESSAGE TO BE ISSUED AND THE JOB BEING PROCESSED TO    *
                                  7608 *         FAIL WITH A JCL ERROR.                                       *
                                  7609 *                                                                      *
                                  7610 *      6) CONTROL IS PASSED BACK TO IEFVFA.                            *
                                  7611 *                                                                      *
                                  7612 * INPUT:                                                               *
                                  7613 *        IWA(PDCBP)    -> ORIGINAL PROCLIB DCB                         *
                                  7614 *        IWA(IWAINTS4) -> ORIGINAL PROCLIB BUFFER                      *
                                  7615 *                                                                      *
                                  7616 * OUTPUT:                                                              *
                                  7617 *        REGISTERS RESTORED                                            *
                                  7618 *        IWA(PDCBP)    -> JOBPROC DCB                                  *
                                  7619 *        IWA(IWAINTS4) -> TEMPORARY PROCLIB BUFFER (IF NEEDED)         *
                                  7620 *        IWA(PSTMT) -> TEMPORARY PROCLIB BUFFER (IF NEEDED COPY)       *
                                  7621 *                                                                      *
                                  7622 * EXTERNALS:                                                          *
                                  7623 *        IEFVPPM FOR ERROR CONDITION                                   *
                                  7624 *                                                                      *
                                  7625 * EXIT:                                                               *
                                  7626 *        RETURN TO CALLER VIA STANDARD RETURN MACRO                    *
                                  7627 *                                                                      *
                                  7628 * SVC:                                                                *
                                  7629 *        ESTAE (SVC 60)                                                *
                                  7630 *        DYNAMIC ALLOCATION (SVC 99)                                   *
                                  7631 *        OPEN (SVC 19)                                                 *
                                  7632 *        GETMAIN (SVC 120)                                             *
                                  7633 *                                                                      *
                                  7634 ************************************************************************
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                   7636 IEFVPP2  PPEPA VPP2                IEFVPP2 ENTRY POINT ADDRESS
000736                             7637+IEFVPP2  DS    0H                  ENTRY POINT ADDRESS
                             00736  7638+         USING *,R15               TEMPORARY BASE
                                    7639+*
000736 90EC D00C      0000C        7640+         STM   R14,R12,12(R13)     SAVE CALLERS REGS
00073A 58B0 F7BE      00EF4        7641+         L     R11,PPBASE          SET UP MODULE BASE
00073E 4170 0800      00800        7642+         LA    R7,2048             SET UP SECOND
000742 4177 B800      00800        7643+         LA    R7,2048(R7,R11)      BASE REGISTER
                             00000  7644+         USING IEFVPP,R11,R7       INFORM ASSEMBLER OF BASE REG
                                    7645+         DROP  R15                 DROP TEMPORARY BASE
                                    7646+*
000746 5860 C3A0      003A0        7647+         L     R6,RFULLE           LOAD PP WORK AREA ADDRESS
00074A 9101 60B8      000B8        7648+         TM    PPSTAT0,PPINITC     HAS IEFVPP0 BEEN CALLED ?
00074E 4710 B758      00758        7649+         BO    *+10                YES, CONTINUE
000752 98EC D00C      0000C        7650+         LM    R14,R12,12(R13)     NO, RELOAD REGISTERS
000756 07FE                        7651+         BR    R14                 AND RETURN IMMEDIATELY
000758 9620 60B8      000B8        7652+         OI    PPSTAT0,PP2CODE     INDICATE IEFVPP2 IS EXECUTING
                                   7653+*
00075C 58F0 B764      00764        7654+         L     R15,PP2TRCV         LOAD CONVERTER TRACE ROUTINE ADDRESS
000760 0700                        7655+         CNOP  2,4                 ALIGN TRACE PARM LIST
000762 05EF                        7656+         BALR  R14,R15             ENTER MODULE ID IN TRACE REC.
000764 00000000                    7657+PP2TRCV  DC    V(TRACE)            TRACE ROUTINE ID (IN IEFVH1)
000768 E5D7D7F2                    7658+         DC    CL4'VPP2'           MODULE ID FOR TRACE RECORD
                                   7659+*
00076C D747 6000 6000 00000 00000  7660+         XC    PPSAVE(72),PPSAVE   CLEAR SAVE AREA
000772 50D0 6004      00004        7661+         ST    R13,PPSAVE+4        STORE BACKWARD POINTER
000776 4110 6000      00000        7662+         LA    R1,PPSAVE           POINT AT SAVE AREA
00077A 5010 D008      00008        7663+         ST    R1,8(,R13)          STORE FORWARD POINTER
00077E 18D1                        7664+         LR    R13,R1              SET NEW SAVE AREA ADDRESS
                                   7665+*
000780 D20F 62C8 7178 002C8 01178  7666+         MVC   PPESTAEP(PPESTAEL),PPESTAEM MOVE IN MODEL PLIST
                                   7667+*    MACDATE Y-1 75302                                        00160004
000786 4110 62C8      002C8        7668+         LA    1,PPESTAEP                  LOAD PARAMETER REG 1   01900002
00078A 4100 BDB6      00DB6        7669+         LA    0,PPESTAEX                  LOAD PARAMETER REG 0   02500002
00078E BE07 1001      00001        7670+         STCM  0,7,1(1)              STORE USER EXIT ADDRESS      03500004
000792 9610 1000      00000        7671+         OI    0(1),16               FLAGS FOR TCB,PURGE,ASYNCH   04100004
000796 50C0 1004      00004        7672+         ST    12,4(0,1)             MODIFY LIST - PARAM ADDR     04500004
00079A 9640 100C      0000C        7673+         OI    12(1),64              FLAGS FOR TERM AND RECORD    04836004
00079E 1F00                        7674+         SLR   0,0                   INDICATE CREATE OPTION       08950004
0007A0 0A3C                        7675+         SVC   60                    ISSUE STAE SVC               09500004
0007A2 9640 60C3      000C3        7676+         OI    PPMISC,PPESTAE      INDICATE ESTAE IN EFFECT
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   7678 ************************ STATUS ROUTING ******************************
0007A6 9140 60B9      000B9        7679          TM    PPSTAT1,PPHAVJP     HAVE JOBPROC TO PROCESS ?
0007AA 4780 BBB8      00BB8        7680          BZ    PPRETURN            NO, RETURN
                                   7681          PPDEBUG ENT2              TRACE ENTRY INTO PP2
0007AE 45E0 7004      01004        7682+         BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
0007B2 C5D5E3F2                    7683+         DC    CL4'ENT2'           INDICATE WHERE WE ARE
                                   7684 *
0007B6 9180 60B9      000B9        7685          TM    PPSTAT1,PPJPERR     ERROR NOTED IN JOBPROC ?
0007BA 4710 BBB8      00BB8        7686          BO    PPRETURN            SO JUST RETURN
0007BE 4800 60C8      000C8        7687          LH    R0,PPJPCNT          LOAD DD CARD COUNT
0007C2 1200                        7688          LTR   R0,R0               TEST IF ANY
0007C4 4780 BBB8      00BB8        7689          BZ    PPRETURN            FORGET THE WHOLE THING
                                   7690 *
0007C8 9180 60C1      000C1        7691          TM    PPTRPP2,PPTRPP2E    HAVE WE BEEN HERE BEFORE ?
0007CC 4710 BBB8      00BB8        7692          BO    PPRETURN            YES, MUST HAVE BEEN A FAILURE
                                   7693 *                                   DURING PROCESSING OF FIRST
                                   7694 *                                    EXEC STATEMENT WHICH TURNED
                                   7695 *                                     OUT TO BE AN "EXEC PROC="
0007D0 9680 60C1      000C1        7696          OI    PPTRPP2,PPTRPP2E    INDICATE PROCLIB OPEN HAS BEEN
                                   7697 *                                   TRIED FOR CURRENT JOB IN CASE
                                   7698 *                                    CONVERTER RE-ENTERS IEFVPP2
                                   7699 *                                     FOR THE SAME JOB
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   7701 ********************** CONCATENATION ********************************
0007D4 9110 60B9       000B9         7702          TM    PPSTAT1,PPCONCJP    REQUIRE CONCATENATION ?
0007D8 4710 B7EC       007EC         7703          BO    PPCONCAT            YES, PERFORM CONCATENATION
0007DC 9108 60B9       000B9         7704          TM    PPSTAT1,PPSYSYES    TEST IF SYSTEM PROCLIB(S) WANTED
0007E0 4780 B882       00882         7705          BZ    PPOPEN              NO, SKIP
0007E4 9120 60C3       000C3         7706          TM    PPMISC,PPNOSYSP     TEST IF SYSPROC UNAVAILABLE
0007E8 4710 B882       00882         7707          BO    PPOPEN              YES, SKIP CONCATENATION
                                   7708 *
0007EC 4190 6140       00140         7709 PPCONCAT LA    R9,PPDARB           -> DYNAMIC ALLOC REQUEST BLOCK
                              00000  7710          USING S99RB,R9            GET DARB ADDRESSABILITY
0007F0 9203 9001       00001         7711          MVI   S99VERB,S99VRBCC    INDICATE CONCATENATION REQUEST
0007F4 4190 6154       00154         7712          LA    R9,PPDATXTL         -> ALLOCATION TEXT PTR SLOTS
                              00000  7713          USING S99TUPL,R9          GET TEXT LIST ADDRESSABILITY
0007F8 4180 6202       00202         7714          LA    R8,PPCONCDK         -> CONCATENATION TXT UNIT SLOT
                              00000  7715          USING S99TUNIT,R8         GET TEXT UNIT ADDRESSABILITY
0007FC D201 8000 70A8  00000 010A8   7716          MVC   S99TUKEY,=AL2(DCCDDNAM) SET CONCATENATE DDNAME KEY
000802 5080 9000       00000         7717          ST    R8,S99TUPTR         SET PTR TO CONCATENATE TEXT
000806 9280 9000       00000         7718          MVI   S99TUPTR,S99TUPLN   FLAG END OF TEXT UNIT PTR'S
00080A 4110 8004       00004         7719          LA    R1,S99TULNG         -> FIRST DDNAME SLOT
00080E 41F0 7040       01040         7720          LA    R15,PPDDNSUF        -> DDNAME SUFFIX TABLE
000812 4800 60C8       000C8         7721          LH    R0,PPJPCNT          R0 = COUNT OF DDNAMES
000816 18E0                          7722          LR    R14,R0              COPY INTO R14
                              00000  7723          USING S99TUFLD,R1         MAKE TEXT PARMS ADDRESSABLE
                                   7724 *
000818 D201 1000 709A  00000 0109A   7725 PPCTUBLD MVC   S99TULEN,=H'8'      SET DDNAME LENGTH
00081E D206 1002 610C  00002 0010C   7726          MVC   S99TUPRM(7),PPUSRDDN SET BASIC DDNAME
000824 D200 1009 F000  00009 00000   7727          MVC   S99TUPRM+7(1),0(R15) MOVE IN DDNAME SUFFIX
00082A 4110 100A       0000A         7728          LA    R1,L'S99TULEN+8(,R1) BUMP TO NEXT DDNAME SLOT
00082E 41F0 F001       00001         7729          LA    R15,1(,R15)         BUMP TO NEXT SUFFIX ENTRY
000832 4600 B818       00818         7730          BCT   R0,PPCTUBLD         CONTINUE TO BUILD DDNAME LIST
                                   7731 *
000836 9108 60B9       000B9         7732          TM    PPSTAT1,PPSYSYES    "SYS1.PROCLIB" REQUIRED
00083A 4780 B856       00856         7733          BZ    PPCNSYSP            BRANCH IF NOT
00083E 9120 60C3       000C3         7734          TM    PPMISC,PPNOSYSP     TEST FOR SYSPROC UNAVAILABLE
000842 4710 B856       00856         7735          BO    PPCNSYSP            SKIP SYSTEM ADD ON IF SO
000846 D201 1000 709A  00000 0109A   7736          MVC   S99TULEN,=H'8'      SET PROCLIB DDNAME LENGTH
00084C D207 1002 60DC  00002 000DC   7737          MVC   S99TUPRM(8),PPSYSNAM GET SYSTEM PROCLIB INTO LIST
                                   7738          DROP  R1                  DROP TEXT UNIT FIELD ADDR.
000852 41E0 E001       00001         7739          LA    R14,1(,R14)         BUMP COUNT BY 1 FOR PROCLIB
                                   7740 *
000856 40E0 8002       00002         7741 PPCNSYSP STH   R14,S99TUNUM        SET NO. OF DDNAMES TO CONC.
00085A 4110 613C       0013C         7742          LA    R1,PPDAARGL         -> ALLOC REQUEST PARM PTR
00085E 9602 60B8       000B8         7743          OI    PPSTAT0,PPDACODE    INDICATE WE ARE IN ALLOC. CODE
                                   7744          DYNALLOC ,                CONCATENATE THE PROCLIB'S
                                   7745+*        MACDATE Y-2 73082                                       00300002
000862 0A63                        7746+         SVC   99 CALL DYNAMIC ALLOCATION                        00400002
000864 94FD 60B8       000B8         7747          NI    PPSTAT0,PPALL-PPDACODE INDICATE WE ARE BACK
000868 12FF                          7748          LTR   R15,R15             WAS CONCATENATION OK ?
00086A 4780 B876       00876         7749          BZ    PPCSETCI            BRANCH IF YES
00086E 45A0 BBD8       00BD8         7750          BAL   R10,PPDAERRA        DO ERROR ANALYSIS
000872 47F0 BBB8       00BB8         7751          B     PPRETURN            RETURN TO CALLER
                                   7752 *
                                   7753          DROP  R8,R9
                                   7754 *
000876 9601 60B9       000B9         7755 PPCSETCI OI    PPSTAT1,PPCONCD     SHOW FILES CONCATENATED
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                   7756          PPDEBUG CON2              TRACE CONCATENATION IN PP2
00087A 45E0 7004      01004        7757+         BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
00087E C3D6D5F2                    7758+         DC    CL4'CON2'           INDICATE WHERE WE ARE
                                   7759 *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

                                   7761 *************************** OPEN ************************************
000882                             7762 PPOPEN   DS    0H
000882 9620 60C1      000C1        7763          OI    PPTRPP2,PPTROPEN    SET "OPEN" TRACE EVENT
000886 9280 62D8      002D8        7764          MVI   PPOCLST,PPVLBIT     SET LISTEND
                                   7765          OPEN  (PPDCB),MF=(E,PPOCLST)  OPEN THE FILE
00088A 4110 62D8      002D8        7766+         LA    1,PPOCLST                       LOAD PARAMETER REG 1   01900002
00088E 43E1 0000      00000        7767+         IC    14,0(1,0)                       SAVE OPTION BYTE       03440000
000892 4100 60E4      000E4        7768+         LA    0,PPDCB                         PICK UP DCB ADDRESS    03480000
000896 5001 0000      00000        7769+         ST    0,0(1,0)                        STORE INTO LIST        03500000
00089A 42E1 0000      00000        7770+         STC   14,0(1,0)                       RESTORE OPTION BYTE    03520001
00089E 0A13                        7771+         SVC   19                              ISSUE OPEN SVC         04000000
                                   7772 *
0008A0                             7773 PPTOPEN  DS    0H
0008A0 94DF 60C1      000C1        7774          NI    PPTRPP2,PPALL-PPTROPEN RESET "OPEN" TRACE EVENT ?
0008A4 94F7 60B8      000B8        7775          NI    PPSTAT0,PPALL-PPECODE RESET IN CASE WE HAD ERROR
0008A8 9110 60C1      000C1        7776          TM    PPTRPP2,PPTRS213    DID WE GET "DATA SET NOT FOUND"
0008AC 47E0 B8BC      008BC        7777          BNO   PPOPENCK            BRANCH IF NOT
0008B0 94EF 60C1      000C1        7778          NI    PPTRPP2,PPALL-PPTRS213 RESET "NOT FOUND" FLAG
0008B4 4120 7345      01345        7779          LA    R2,MSG807I          SET "NOT FOUND" MESSAGE KEY
0008B8 47F0 B95A      0095A        7780          B     PP2ERROR            GIVE "NOT FOUND" MESSAGE
                                   7781 *
0008BC 9110 6114      00114        7782 PPOPENCK TM    DCBOFLGS-IHADCB+PPDCB,DCBOFOPN DID FILE OPEN OK ?
0008C0 4780 B94E      0094E        7783          BZ    PPERM812            NO, SKIP
0008C4 9602 60B9      000B9        7784          OI    PPSTAT1,PPOPENED    ELSE SAVE STATUS
                                   7785          PPDEBUG OPN2              TRACE OPEN IN PP2
0008C8 45E0 7004      01004        7786+         BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
0008CC D6D7D5F2                    7787+         DC    CL4'OPN2'           INDICATE WHERE WE ARE
                                   7788 *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   7790 ************************** BUFFER ************************************
0008D0 4820 6122      00122        7791          LH    R2,DCBBLKSI-IHADCB+PPDCB  LOAD REQUIRED BUFFER LEN
0008D4 5830 C174      00174        7792          L     R3,PDCBP            -> STANDARD PROCLIB DCB
                            00000  7793          USING IHADCB,R3
0008D8 4920 303E      0003E        7794          CH    R2,DCBBLKSI         COMPARE BLOCK SIZES
0008DC 47B0 B8E6      008E6        7795          BNL   *+10                BRANCH IF NEW NOT SMALLER
0008E0 D201 6122 303E 00122 0003E  7796          MVC   DCBBLKSI-IHADCB+PPDCB,DCBBLKSI REPLACE SMALLER BLKSIZE
0008E6 47D0 B91E      0091E        7797          BNH   PPSETDCB            NO NEED FOR NEW
                                   7798          GETMAIN RC,LV=(R2)        NOW GETMAIN BUFFER
0008EA 0700                        7799+         CNOP  0,4
0008EC 47F0 B8F4      008F4        7800+         B     *+12-4*1-2*0                    BRANCH AROUND DATA
0008F0 00                          7801+IHB0061F DC    AL1(0)                          RESERVED
0008F1 00                          7802+         DC    AL1(0)                          RESERVED
0008F2 00                          7803+         DC    AL1(0)                          SUBPOOL
0008F3 00                          7804+         DC    BL1'00000000'                   MODE BYTE *MVS380*
0008F4 1802                        7805+         LR    0,R2                            LOAD LENGTH   @ZA07133
0008F6 58F0 B8F0      008F0        7806+         L     15,IHB0061F                     LOAD GETMAIN PARMS
0008FA 1B11                        7807+         SR    1,1                             ZERO RESERVED REG 1
0008FC 0A78                        7808+         SVC   120                             ISSUE GETMAIN SVC
0008FE 12FF                        7809          LTR   R15,R15             ALL OK ?
000900 4770 B956      00956        7810          BNZ   PPERM810            NOGO
000904 5010 60D8      000D8        7811          ST    R1,PPBUFAD          SAVE PTR TO OUR BUFFER
000908 9604 60B9      000B9        7812          OI    PPSTAT1,PPBUFGOT    SHOW BUFFER GOTTEN
00090C D203 60D4 C17C 000D4 0017C  7813          MVC   PPSBUFA(4),IWAINTS4 SAVE ORIG BUFFER PTR
000912 D202 C17D 60D9 0017D 000D9  7814          MVC   IWAINTS4+1(3),PPBUFAD+1   SET NEW
000918 D202 C191 60D9 00191 000D9  7815          MVC   PSTMT+1(3),PPBUFAD+1      SET NEW (COPY)
00091E                             7816 PPSETDCB DS    0H
00091E D202 6115 3031 00115 00031  7817          MVC   DCBREAD+1-IHADCB+PPDCB(3),DCBREAD+1 SHIFT FIELDS THAT
000924 D202 6139 3055 00139 00055  7818          MVC   DCBPOINT+1-IHADCB+PPDCB(3),DCBPOINT+1   CONVERTER
00092A D202 6105 3021 00105 00021  7819          MVC   DCBEODAD+1-IHADCB+PPDCB(3),DCBEODAD+1   LIKES TO
000930 D202 611D 3039 0011D 00039  7820          MVC   DCBSYNAD+1-IHADCB+PPDCB(3),DCBSYNAD+1   PLAY WITH
000936 D203 60D0 C174 000D0 00174  7821          MVC   PPSDCBA(4),PDCBP    SAVE ORIG DCB ADDR
00093C D202 C175 62D9 00175 002D9  7822          MVC   PDCBP+1(3),PPOCLST+1    AND SET TO NEW
                                   7823          PPDEBUG END2              TRACE END OF PP2
000942 45E0 7004      01004        7824+         BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
000946 C5D5C4F2                    7825+         DC    CL4'END2'           INDICATE WHERE WE ARE
                                   7826 *
00094A 47F0 BBB8      00BB8        7827          B     PPRETURN            RETURN
                                   7828          DROP  R3
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

                                   7830 ********************** ERROR HANDLERS ********************************
00094E                             7831 PPERM812 DS    0H
00094E 4120 7436      01436        7832          LA    R2,MSG812I          USER PROCLIB OPEN FAILED
000952 47F0 B95A      0095A        7833          B     PP2ERROR

000956                             7835 PPERM810 DS    0H
000956 4120 73B6      013B6        7836          LA    R2,MSG810I          INSUFFICIENT BUFFER STORAGE



00095A                             7838 PP2ERROR DS    0H
00095A 45E0 BEF8      00EF8        7839          BAL   R14,IEFVPPM         GIVE USER HIS ERROR
                                   7840          PPDEBUG ERR2              TRACE ERROR IN PP2
00095E 45E0 7004      01004        7841+         BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
000962 C5D9D9F2                    7842+         DC    CL4'ERR2'           INDICATE WHERE WE ARE
                                   7843 *
000966 47F0 BBB8      00BB8        7844          B     PPRETURN            RETURN TO CALLER
                                   7845 *
                                   7846          DROP  R11,R7
                                   7847 *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  7849 ************************************************************************
                                  7850 *                                                                      *
                                  7851 * IEFVPP3                                                              *
                                  7852 * *******                                                              *
                                  7853 *                                                                      *
                                  7854 * THIS ROUTINE IS CALLED AT THE END OF PROCESSING FOR A JOB.          *
                                  7855 *                                                                      *
                                  7856 *    1  RESTORE ORIGINAL PROCLIB DCB ADDRESS.                        *
                                  7857 *    2  CLOSE THE PRIVATE PROCLIB DCB.                               *
                                  7858 *    3  DE-CONCATENATE THE PRIVATE AND SYSTEM PROCLIB DATASETS.      *
                                  7859 *    4  DE-ALLOCATE THE PRIVATE PROCLIB DATASET.                     *
                                  7860 *    5  FREEMAIN THE PRIVATE PROCLIB WORK AREA.                      *
                                  7861 *    6  RETURN TO CALLER OR ABORT IF ERROR.                          *
                                  7862 *                                                                      *
                                  7863 * INPUT:                                                              *
                                  7864 *        IWA(PDCBP)    -> JOBPROC DCB                                  *
                                  7865 *        IWA(IWAINTS4) -> TEMPORARY PROCLIB BUFFER                     *
                                  7866 *                                                                      *
                                  7867 * OUTPUT:                                                             *
                                  7868 *        REGISTERS RESTORED                                            *
                                  7869 *        IWA(PDCBP)    RESTORED FOR ORIG PROCLIB DCB                   *
                                  7870 *        IWA(IWAINTS4) RESTORED FOR ORIG PROCLIB BUFFER                *
                                  7871 *        IWA(PSTMT) RESTORED FOR ORIG PROCLIB BUFFER - COPY            *
                                  7872 *                                                                      *
                                  7873 * EXTERNALS:                                                          *
                                  7874 *        NONE                                                          *
                                  7875 *                                                                      *
                                  7876 * EXITS:                                                             *
                                  7877 *        NORMAL    - RETURN TO CALLER                                  *
                                  7878 *        ERROR     - ABORT                                             *
                                  7879 *                                                                      *
                                  7880 * SVC:                                                               *
                                  7881 *        ESTAE (SVC 60)                                                *
                                  7882 *        FREEMAIN (SVC 10)                                             *
                                  7883 *        CLOSE (SVC 20)                                                *
                                  7884 *        DYNALLOC (SVC 99)                                             *
                                  7885 *        WTO (SVC 35)                                                  *
                                  7886 *        DEQ (SVC 48)                                                  *
                                  7887 *        ABEND (SVC 13)                                                *
                                  7888 *                                                                      *
                                  7889 ************************************************************************
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   7891 IEFVPP3  PPEPA VPP3               IEFVPP3 ENTRY POINT ADDRESS
00096A                             7892+IEFVPP3  DS    0H                 ENTRY POINT ADDRESS
                             0096A 7893+         USING *,R15              TEMPORARY BASE
                                   7894+*
00096A 90EC D00C      0000C        7895+         STM   R14,R12,12(R13)    SAVE CALLERS REGS
00096E 58B0 F58A      00EF4        7896+         L     R11,PPBASE         SET UP MODULE BASE
000972 4170 0800      00800        7897+         LA    R7,2048            SET UP SECOND
000976 4177 B800      00800        7898+         LA    R7,2048(R7,R11)     BASE REGISTER
                             00000 7899+         USING IEFVPP,R11,R7      INFORM ASSEMBLER OF BASE REG
                                   7900+         DROP  R15                DROP TEMPORARY BASE
                                   7901+*
00097A 5860 C3A0      003A0        7902+         L     R6,RFULLE          LOAD PP WORK AREA ADDRESS
00097E 9101 60B8      000B8        7903+         TM    PPSTAT0,PPINITC    HAS IEFVPP0 BEEN CALLED ?
000982 4710 B98C      0098C        7904+         BO    *+10               YES, CONTINUE
000986 98EC D00C      0000C        7905+         LM    R14,R12,12(R13)    NO, RELOAD REGISTERS
00098A 07FE                        7906+         BR    R14                AND RETURN IMMEDIATELY
00098C 9610 60B8      000B8        7907+         OI    PPSTAT0,PP3CODE    INDICATE IEFVPP3 IS EXECUTING
                                   7908+*
000990 58F0 B998      00998        7909+         L     R15,PP3TRCV        LOAD CONVERTER TRACE ROUTINE ADDRESS
000994 0700                        7910+         CNOP  2,4                ALIGN TRACE PARM LIST
000996 05EF                        7911+         BALR  R14,R15            ENTER MODULE ID IN TRACE REC.
000998 00000000                    7912+PP3TRCV  DC    V(TRACE)           TRACE ROUTINE ID (IN IEFVH1)
00099C E5D7D7F3                    7913+         DC    CL4'VPP3'          MODULE ID FOR TRACE RECORD
                                   7914+*
0009A0 D747 6000 6000 00000 00000  7915+         XC    PPSAVE(72),PPSAVE  CLEAR SAVE AREA
0009A6 50D0 6004      00004        7916+         ST    R13,PPSAVE+4       STORE BACKWARD POINTER
0009AA 4110 6000      00000        7917+         LA    R1,PPSAVE          POINT AT SAVE AREA
0009AE 5010 D008      00008        7918+         ST    R1,8(,R13)         STORE FORWARD POINTER
0009B2 18D1                        7919+         LR    R13,R1             SET NEW SAVE AREA ADDRESS
                                   7920+*
0009B4 D20F 62C8 7178 002C8 01178  7921+         MVC   PPESTAEP(PPESTAEL),PPESTAEM MOVE IN MODEL PLIST
                                   7922+*    MACDATE Y-1 75302                                    00160004
0009BA 4110 62C8      002C8        7923+         LA    1,PPESTAEP                LOAD PARAMETER REG 1   01900002
0009BE 4100 BDB6      00DB6        7924+         LA    0,PPESTAEX                LOAD PARAMETER REG 0   02500002
0009C2 BE07 1001      00001        7925+         STCM  0,7,1(1)              STORE USER EXIT ADDRESS      03500004
0009C6 9610 1000      00000        7926+         OI    0(1),16               FLAGS FOR TCB,PURGE,ASYNCH   04100004
0009CA 50C0 1004      00004        7927+         ST    12,4(0,1)             MODIFY LIST - PARAM ADDR     04500004
0009CE 9640 100C      0000C        7928+         OI    12(1),64              FLAGS FOR TERM AND RECORD    04836004
0009D2 1F00                        7929+         SLR   0,0                   INDICATE CREATE OPTION       08950004
0009D4 0A3C                        7930+         SVC   60                    ISSUE STAE SVC               09500004
0009D6 9640 60C3      000C3        7931+         OI    PPMISC,PPESTAE     INDICATE ESTAE IN EFFECT

0009DA 9140 60B9      000B9        7933          TM    PPSTAT1,PPHAVJP    WAS JOBPROC DD NOTED ?
0009DE 4780 BA92      00A92        7934          BZ    PPDADEQ            NO, GO DEQUEUE THE DDNAME
                                   7935          PPDEBUG ENT3             TRACE ENTRY TO PP3
0009E2 45E0 7004      01004        7936+         BAL   R14,IEFVPPDB       GO TO DEBUGGING TRACER
0009E6 C5D5E3F3                    7937+         DC    CL4'ENT3'          INDICATE WHERE WE ARE
                                   7938 *
0009EA 947F 60C1      000C1        7939          NI    PPTRPP2,PPALL-PPTRPP2E RESET "IEFVPP2 ENTERED" FLAG
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

                                   7941 ***************************** CLOSE ************************************
0009EE 9102 60B9      000B9        7942          TM    PPSTAT1,PPOPENED    WAS PRIVATE PROCLIB DCB OPENED ?
0009F2 4780 BA64      00A64        7943          BZ    PPDCONC             NO, SKIP
0009F6 9104 60B9      000B9        7944          TM    PPSTAT1,PPBUFGOT    WAS BUFFER GOTTEN ?
0009FA 4780 BA1C      00A1C        7945          BZ    PPCLOSE             NO, SKIP
0009FE 5810 C17C      0017C        7946          L     R1,IWAINTS4         -> GOTTEN BUFFER
000A02 4800 6122      00122        7947          LH    R0,DCBBLKSI-IHADCB+PPDCB  LOAD BUFFER LENGTH
                                   7948          FREEMAIN R,LV=(0),A=(1)   RELEASE IT
                                   7949+*      OS/VS2 RELEASE 3 VERSION  -- 10/25/74                          00001603
000A06 4110 1000      00000        7950+         LA    1,0(0,1)                          CLEAR HI ORDER BYTE    00150802
000A0A 0A0A                        7951+         SVC   10                                ISSUE FREEMAIN SVC     00311202
000A0C 94FB 60B9      000B9        7952          NI    PPSTAT1,PPALL-PPBUFGOT   CLEAR STATUS
000A10 D202 C17D 60D5 0017D 000D5  7953          MVC   IWAINTS4+1(3),PPSBUFA+1   RESET ORIG BUFFER ADDR
000A16 D202 C191 60D5 00191 000D5  7954          MVC   PSTMT+1(3),PPSBUFA+1      RESET ORIG BUFFER ADDR
000A1C                             7955 PPCLOSE  DS    0H
000A1C 5830 60D0      000D0        7956          L     R3,PPSDCBA          -> ORIGINAL PROCLIB DCB ADDRESS
                           00000   7957          USING IHADCB,R3
000A20 D202 3021 6105 00021 00105  7958          MVC   DCBEODAD+1(3),DCBEODAD+1-IHADCB+PPDCB PASS ON ANY
000A26 D202 3039 611D 00039 0011D  7959          MVC   DCBSYNAD+1(3),DCBSYNAD+1-IHADCB+PPDCB   CHANGES
000A2C D202 3031 6115 00031 00115  7960          MVC   DCBREAD+1(3),DCBREAD+1-IHADCB+PPDCB
000A32 D202 3055 6139 00055 00139  7961          MVC   DCBPOINT+1(3),DCBPOINT+1-IHADCB+PPDCB
                                   7962          DROP  R3
000A38 D202 C175 60D1 00175 000D1  7963          MVC   PDCBP+1(3),PPSDCBA+1    RESTORE ORIGINAL DCB ADDR
000A3E 9280 62D8      002D8        7964          MVI   PPOCLST,PPVLBIT     SET VL FOR CLOSE PARMLIST
                                   7965          CLOSE (PPDCB),MF=(E,PPOCLST)   CLOSE THE FILE
000A42 4110 62D8      002D8        7966+         LA    1,PPOCLST                         LOAD PARAMETER REG 1   01900002
000A46 43E1 0000      00000        7967+         IC    14,0(1,0)                         SAVE OPTION BYTE       01140000
000A4A 4100 60E4      000E4        7968+         LA    0,PPDCB                           PICK UP DCB ADDRESS    01180000
000A4E 5001 0000      00000        7969+         ST    0,0(1,0)                          STORE INTO LIST        01200000
000A52 42E1 0000      00000        7970+         STC   14,0(1,0)                         RESTORE OPTION BYTE    01220000
000A56 0A14                        7971+         SVC   20                                ISSUE CLOSE SVC        01640000
000A58 94FD 60B9      000B9        7972          NI    PPSTAT1,PPALL-PPOPENED   CLEAR OPEN STATUS
                                   7973          PPDEBUG CLS3                TRACE CLOSE IN PP3
000A5C 45E0 7004      01004        7974+         BAL   R14,IEFVPPDB          GO TO DEBUGGING TRACER
000A60 C3D3E2F3                    7975+         DC    CL4'CLS3'             INDICATE WHERE WE ARE
                                   7976 *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                   7978 ************************** DE-CONCATENATION **************************
000A64                             7979 PPDCONC  DS    0H
000A64 9101 60B9      000B9        7980          TM    PPSTAT1,PPCONCD     ANY CONCATENATIONS DONE ?
000A68 4780 BA78      00A78        7981          BZ    PPDALLOC            NO, SKIP
000A6C 45A0 BAD4      00AD4        7982          BAL   R10,PPDECONC        CALL THE DE-CONCATENATOR
                                   7983          PPDEBUG DCN3              TRACE DECONCATENATION IN PP3
000A70 45E0 7004      01004        7984+         BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
000A74 C4C3D5F3                    7985+         DC    CL4'DCN3'           INDICATE WHERE WE ARE
                                   7986 *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

                                   7988 ************************** DE-ALLOCATION ******************************
000A78                             7989 PPDALLOC DS    0H
000A78 94FE 60B9      000B9        7990          NI    PPSTAT1,PPALL-PPCONCD CLEAR CONCATENATION STATUS
000A7C 4800 60C8      000C8        7991          LH    R0,PPJPCNT          GET COUNT OF CONCATENATIONS
000A80 1200                        7992          LTR   R0,R0               DO WE HAVE ANYTHING TO FREE ?
000A82 4780 BA92      00A92        7993          BZ    PPDADEQ             NO, GO RESET STATUS FLAGS
                                   7994 *
000A86 45A0 BB1A      00B1A        7995          BAL   R10,PPDEALOC        GO DEALLOCATE THE PROCLIB(S)
                                   7996          PPDEBUG DAL3              END OF DEALLOCATION
000A8A 45E0 7004      01004        7997+         BAL   R14,IEFVPPDB        GO TO DEBUGGING TRACER
000A8E C4C1D3F3                    7998+         DC    CL4'DAL3'           INDICATE WHERE WE ARE
                                   7999 *
000A92 D20B 62F0 7198 002F0 01198  8000 PPDADEQ  MVC   PPLOCWRK(PPENQPL),PPENQLST  MOVE PARAMETER LIST
000A98 4110 60DC      000DC        8001          LA    R1,PPSYSNAM         POINT AT MINOR NAME
000A9C 5010 62F8      002F8        8002          ST    R1,PPLOCWRK+8       STORE MINOR NAME ADDRESS
                                   8003          DEQ   MF=(E,PPLOCWRK)     DEQUEUE THE PROCLIB NAME
000AA0 4110 62F0      002F0        8004+         LA    1,PPLOCWRK                  LOAD PARAMETER REG 1   01900002
000AA4 0A30                        8005+         SVC   48                                SDS1 02800002
                                   8006 *
000AA6 9140 60C3      000C3        8007          TM    PPMISC,PPESTAE      TEST IF ESTAE ESTABLISHED
000AAA 4780 BAB8      00AB8        8008          BZ    PP3NESTA            BRANCH IF NOT
                                   8009          ESTAE 0                   CANCEL ERROR RECOVERY
                                   8010+*    MACDATE Y-1 75302                                   00160004
000AAE                             8011+         DS    0H                                      06800000
000AAE 4100 0084      00084        8012+         LA    0,132(0,0)              INDICATE CANCEL OPTION  06850004
000AB2 0A3C                        8013+         SVC   60                      ISSUE STAE SVC          09500004
000AB4 94BF 60C3      000C3        8014          NI    PPMISC,PPALL-PPESTAE     TURN OFF ESTAE EXISTS FLAG
                                   8015 *
000AB8                             8016 PP3NESTA DS    0H
                                   8017          XC    &ANCHOR,&ANCHOR     CLEAR ANCHOR WORD
000AB8 D703 C3A0 C3A0 003A0 003A0  8018+         XC    RFULLE,RFULLE       CLEAR ANCHOR WORD
000ABE 58D0 D004      00004        8019          L     R13,4(,R13)         UNCHAIN SAVE AREAS
                                   8020 *
000AC2 1816                        8021          LR    R1,R6               LOAD THE WORK AREA ADDRESS
000AC4 4100 0490      00490        8022          LA    R0,PPWORKLN         LOAD LENGTH OF WORK AREA
                                   8023          FREEMAIN R,A=(1),LV=(0)   FREE THE WORK AREA
                                   8024+*      OS/VS2 RELEASE 3 VERSION  -- 10/25/74                 00001603
000AC8 4110 1000      00000        8025+         LA    1,0(0,1)                    CLEAR HI ORDER BYTE     00150802
000ACC 0A0A                        8026+         SVC   10                          ISSUE FREEMAIN SVC      00311202
                                   8027 *
000ACE 98EC D00C      0000C        8028          LM    R14,R12,12(R13)     RELOAD SAVED REGISTERS
000AD2 07FE                        8029          BR    R14                 RETURN TO CALLER
                                   8030 *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  8032 ************************************************************************
                                  8033 *                                                                      *
                                  8034 * PPDECONC                                                             *
                                  8035 * ********                                                             *
                                  8036 *                                                                      *
                                  8037 *        THIS ROUTINE ATTEMPTS TO DE-CONCATENATE IEF*PDS0, RESULTING   *
                                  8038 *    IN IEF*PDS0, IEF*PDS1, ..., AND IEF*PDSI.                         *
                                  8039 *                                                                      *
                                  8040 * INPUT:                                                               *
                                  8041 *        R10 -> RETURN ADDRESS OF CALLER (EITHER IEFVPP0 OR IEFVPP3).  *
                                  8042 *                                                                      *
                                  8043 * OUTPUT:                                                              *
                                  8044 *        EITHER SUCCESSFUL DE-CONCATENTION OR AN ERROR MESSAGE.        *
                                  8045 *        IN THE CASE OF A DE-CONCATENATION REQUEST FROM IEFVPP0         *
                                  8046 *        RETURN IS MADE IN ALL CASES.  A DE-CONCATENATION ERROR IN     *
                                  8047 *        IEFVPP3 WILL RESULT IN CONVERTER TERMINATION (ABEND).         *
                                  8048 *                                                                      *
                                  8049 * PPDEALOC                                                            *
                                  8050 * ********                                                            *
                                  8051 *                                                                      *
                                  8052 *        THIS ROUTINE ATTEMPTS TO DE-ALLOCATE IEF*PDS0, IEF*PDS1,      *
                                  8053 *    ..., IEF*PDSF.  IN THE CASE OF BEING CALLED BY IEFVPP0,           *
                                  8054 *    DEALLOCATION IS ATTEMPTED ON ALL 16 DDNAMES WITHOUT REGARD TO     *
                                  8055 *    ANY ERRORS ENCOUNTERED.  WHEN CALLED BY IEFVPP3, DEALLOCATION     *
                                  8056 *    WILL ABEND THE CONVERTER IF AN ERROR IS ENCOUNTERED.              *
                                  8057 *                                                                      *
                                  8058 * INPUT:                                                              *
                                  8059 *        R10 -> RETURN ADDRESS OF CALLER (EITHER IEFVPP0 OR IEFVPP3).  *
                                  8060 *                                                                      *
                                  8061 * OUTPUT:                                                             *
                                  8062 *        EITHER SUCCESSFUL DE-CONCATENTION OR AN ERROR MESSAGE.        *
                                  8063 *        IN THE CASE OF A DE-CONCATENATION REQUEST FROM IEFVPP0         *
                                  8064 *        RETURN IS MADE IN ALL CASES.  A DE-CONCATENATION ERROR IN     *
                                  8065 *        IEFVPP3 WILL RESULT IN CONVERTER TERMINATION (ABEND).         *
                                  8066 *                                                                      *
                                  8067 * EXTERNALS:                                                          *
                                  8068 *        DYNAMIC ALLOCATION PARAMETER LIST                             *
                                  8069 *                                                                      *
                                  8070 * EXIT:                                                               *
                                  8071 *        RETURN TO CALLER OR ABEND.                                    *
                                  8072 *                                                                      *
                                  8073 * SVC:                                                                *
                                  8074 *        DYNALLOC (SVC 99)                                             *
                                  8075 *                                                                      *
                                  8076 ************************************************************************
                                  8077 *
000AD4                            8078 PPDECONC DS    0H
000AD4 4190 6140      00140       8079          LA    R9,PPDARB           -> DYNAMIC ALLOC REQUEST BLOCK
                            00000 8080          USING S99RB,R9            GET DARB ADDRESSABILITY
000AD8 9204 9001      00001       8081          MVI   S99VERB,S99VRBDC    INDICATE DE-CONCAT REQUEST
000ADC 4190 6154      00154       8082          LA    R9,PPDATXTL         -> TEXT UNIT PTR SLOTS
                            00000 8083          USING S99TUPL,R9          GET TEXT PTR ADDRESSABILITY
000AE0 4180 6202      00202       8084          LA    R8,PPCONCDK         -> DE-CONCATENATE TEXT UNIT
                            00000 8085          USING S99TUNIT,R8         GET TEXT UNIT ADDRESSABILITY
000AE4 D201 8000 70AA 00000 010AA 8086          MVC   S99TUKEY,=AL2(DDCDDNAM) SET DE-CONCATENATE KEY
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

000AEA D201 8002 7098 00002 01098  8087          MVC   S99TUNUM,=AL2(1)    SET NO. OF DDNAMES
000AF0 D201 8004 709A 00004 0109A  8088          MVC   S99TULNG,=H'8'      SET DDNAME LENGTH
000AF6 D207 8006 610C 00006 0010C  8089          MVC   S99TUPAR(8),PPUSRDDN SET DDNAME FOR DE-CONCAT
000AFC 5080 9000      00000        8090          ST    R8,S99TUPTR         SET PTR TO DE-CONC TEXT UNIT
000B00 9280 9000      00000        8091          MVI   S99TUPTR,S99TUPLN   FLAG END OF TEXT UNIT PTR'S
000B04 4110 613C      0013C        8092          LA    R1,PPDAARGL         -> DYNAMIC ALLOC PARM PTR
000B08 9602 60B8      000B8        8093          OI    PPSTAT0,PPDACODE    INDICATE WE ARE IN ALLOC. CODE
                                   8094          DYNALLOC ,                DE-CONCATENATE PROCLIB'S
                                   8095+*        MACDATE Y-2 73082                                   00300002
000B0C 0A63                        8096+         SVC   99 CALL DYNAMIC ALLOCATION                    00400002
000B0E 94FD 60B8      000B8        8097          NI    PPSTAT0,PPALL-PPDACODE INDICATE WE ARE BACK
000B12 12FF                        8098          LTR   R15,R15             WAS DE-CONCATENATION OK ?
000B14 078A                        8099          BZR   R10                 RETURN IF YES
000B16 47F0 BBD8      00BD8        8100          B     PPDAERRA            DO ERROR ANALYSIS
                                   8101 *                                   AND MAYBE RETURN
                                   8102          DROP  R8,R9
                                   8103 *
000B1A                             8104 PPDEALOC DS    0H
000B1A 4120 0010      00010        8105          LA    R2,16               SET MAXIMUM TO DEALLOCATE
000B1E 4190 6140      00140        8106          LA    R9,PPDARB           -> DYNAMIC ALLOC REQUEST BLOCK
                            00000  8107          USING S99RB,R9            GET DARB ADDRESSABILITY
000B22 9202 9001      00001        8108          MVI   S99VERB,S99VRBUN    INDICATE UNALLOC REQUEST
000B26 4190 6154      00154        8109          LA    R9,PPDATXTL         -> TEXT UNIT PTR SLOTS
                            00000  8110          USING S99TUPL,R9          GET TEXT PTR ADDRESSABILITY
000B2A 4180 616C      0016C        8111          LA    R8,PPDDNAMK         -> DDNAME TEXT UNIT
                            00000  8112          USING S99TUNIT,R8         GET TEXT UNIT ADDRESSABILITY
000B2E D201 8000 70AC 00000 010AC  8113          MVC   S99TUKEY,=AL2(DUNDDNAM) SET DDNAME TEXT KEY
000B34 D201 8002 7098 00002 01098  8114          MVC   S99TUNUM,=AL2(1)    SET NO. OF DDNAMES
000B3A D201 8004 709A 00004 0109A  8115          MVC   S99TULNG,=H'8'      SET DDNAME LENGTH
000B40 5080 9000      00000        8116          ST    R8,S99TUPTR         SET PTR TO DDNAME TEXT UNIT
000B44 9280 9000      00000        8117          MVI   S99TUPTR,S99TUPLN   FLAG END OF TEXT UNIT PTR'S
                                   8118 *
000B48 D206 8006 610C 00006 0010C  8119 PPDADDNM MVC   S99TUPAR(7),PPUSRDDN SET BASIC DDNAME
000B4E 18F2                        8120          LR    R15,R2              R15 = CURRENT CONCATENATION NO.
000B50 06F0                        8121          BCTR  R15,0               DECREMENT FOR SHIFT
000B52 BF3F 7080      01080        8122          ICM   R3,15,=X'00008000'  INSERT BIT MASK
000B56 8830 F000      00000        8123          SRL   R3,0(R15)           SHIFT TO CORRECT BIT POSITION
000B5A 4140 60BC      000BC        8124          LA    R4,PPALLOC1+1       -> CURRENT ALLOCATION STATUS 2
000B5E 4920 709A      0109A        8125          CH    R2,=H'8'            ALLOCATION NO. LE 8
000B62 4720 BB6E      00B6E        8126          BH    *+12                BRANCH IF NOT
000B66 4140 60BB      000BB        8127          LA    R4,PPALLOC1         POINT TO CORRECT STATUS BYTE
000B6A 8830 0008      00008        8128          SRL   R3,8                SHIFT MASK TO LOW ORDER BYTE
000B6E 4430 BBB4      00BB4        8129          EX    R3,PPDATEST         IS DDNAME ALLOCATED ?
000B72 47E0 BB9C      00B9C        8130          BNO   PPDANEXT            BRANCH IF NOT
                                   8131 *
000B76 41F2 703F      0103F        8132          LA    R15,PPDDNSUF-1(R2)  POINT TO PROPER SUFFIX
000B7A D200 800D F000 0000D 00000  8133          MVC   S99TUPAR+7(1),0(R15) SET DDNAME SUFFIX
000B80 4110 613C      0013C        8134          LA    R1,PPDAARGL         -> DYNAMIC ALLOC PARM PTR
000B84 9602 60B8      000B8        8135          OI    PPSTAT0,PPDACODE    INDICATE WE ARE IN ALLOC. CODE
                                   8136          DYNALLOC ,                FREE A PROCLIB DATA SET
                                   8137+*        MACDATE Y-2 73082                                   00300002
000B88 0A63                        8138+         SVC   99 CALL DYNAMIC ALLOCATION                    00400002
000B8A 94FD 60B8      000B8        8139          NI    PPSTAT0,PPALL-PPDACODE INDICATE WE ARE BACK
                                   8140 *
000B8E 12FF                        8141          LTR   R15,R15             DID DE-ALLOCATE GO OK ?
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

000B90 4780 BB9C      00B9C        8142           BZ    PPDANEXT            BRANCH IF YES
000B94 9180 60B8      000B8        8143           TM    PPSTAT0,PP0CODE     ARE WE IN CLEANUP MODE?
000B98 47E0 BBD8      00BD8        8144           BNO   PPDAERRA            NO, GO BOMB THE MOTHER
                                   8145 *
000B9C 4620 BB48      00B48        8146 PPDANEXT  BCT   R2,PPDADDNM         DE-ALLOCATE ALL PROCLIB'S
                                   8147 *
000BA0 D701 60C8 60C8 000C8 000C8  8148           XC    PPJPCNT,PPJPCNT     RESET CONCATENATION COUNTER
000BA6 D701 60B9 60B9 000B9 000B9  8149           XC    PPSTAT1(2),PPSTAT1  CLEAR REMAINING STATUS FLAGS
000BAC D701 60BB 60BB 000BB 000BB  8150           XC    PPALLOC1(2),PPALLOC1 AND ALLOCATION FLAGS
000BB2 07FA                        8151           BR    R10                 RETURN TO CALLER
                                   8152 *
000BB4 9100 4000      00000        8153 PPDATEST  TM    0(R4),*-*           *** EXECUTE ONLY ***
                                   8154 *
                                   8155           DROP  R8,R9
                                   8156 *
```

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 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  8158 ************************************************************************
                                  8159 *                                                                      *
                                  8160 * PPRETURN                                                             *
                                  8161 * ********                                                             *
                                  8162 *                                                                      *
                                  8163 *        THIS ROUTINE PERFORMS FINAL CLEANUP PRIOR TO PASSING CONTROL  *
                                  8164 *    BACK TO ONE OF THE CALLING CONVERTER MODULES.                     *
                                  8165 *                                                                      *
                                  8166 * INPUT:                                                              *
                                  8167 *        R13 -> SAVE AREA IN PRIVATE PROCLIB EXTENSION TO CONVERTER    *
                                  8168 *        WORK AREA.                                                    *
                                  8169 *                                                                      *
                                  8170 * OUTPUT:                                                             *
                                  8171 *        CURRENT ERROR RECOVERY ENVIRONMENT, IF ANY, IS CANCELLED,     *
                                  8172 *        TRACE FLAGS ARE RESET, AND CONTROL IS PASSED BACK TO          *
                                  8173 *        THE CALLER VIA A REGISTER 14.                                 *
                                  8174 *                                                                      *
                                  8175 * EXTERNALS:                                                          *
                                  8176 *        NONE                                                          *
                                  8177 *                                                                      *
                                  8178 * EXIT:                                                               *
                                  8179 *        RETURN TO IEFVPPX CALLER VIA RETURN PROTOCOL.                 *
                                  8180 *                                                                      *
                                  8181 * SVC:                                                                *
                                  8182 *        ESTAE (SVC 60)                                                *
                                  8183 *                                                                      *
                                  8184 ************************************************************************
                                  8185 *
000BB8                            8186 PPRETURN DS    0H
000BB8 9140 60C3      000C3       8187          TM    PPMISC,PPESTAE      TEST IF ESTAE ESTABLISHED
000BBC 4780 BBCA      00BCA       8188          BZ    PPLEAVE             BRANCH IF NOT
                                  8189          ESTAE 0                   CANCEL ERROR RECOVERY
                                  8190+*    MACDATE Y-1 75302                                           00160004
000BC0                            8191+         DS    0H                                                  06800000
000BC0 4100 0084      00084       8192+         LA    0,132(0,0)              INDICATE CANCEL OPTION      06850004
000BC4 0A3C                       8193+         SVC   60                      ISSUE STAE SVC              09500004
000BC6 94BF 60C3      000C3       8194          NI    PPMISC,PPALL-PPESTAE     TURN OFF ESTAE EXISTS FLAG
                                  8195 *
                                  8196 ************************************************************************
                                  8197 *        CLEAR EXECUTION TRACE INDICATORS                              *
                                  8198 ************************************************************************
000BCA                            8199 PPLEAVE  DS    0H
000BCA 9487 60B8      000B8       8200          NI    PPSTAT0,PPALL-PP1CODE-PP2CODE-PP3CODE-PPECODE
                                  8201 *
000BCE 58D0 D004      00004       8202          L     R13,4(,R13)         UNCHAIN SAVE AREAS
000BD2 98EC D00C      0000C       8203          LM    R14,R12,12(R13)     RELOAD SAVED REGISTERS
000BD6 07FE                       8204          BR    R14                 RETURN TO CALLER
                                  8205 *
```

```
                         8207 ************************************************************************
                         8208 *                                                                      *
                         8209 * PPDAERRA                                                             *
                         8210 * ********                                                             *
                         8211 *                                                                      *
                         8212 *     THIS ROUTINE ANALYZES ERRORS DETECTED BY THE OS/VS DYNAMIC       *
                         8213 *  ALLOCATION ROUTINES. COMMON ERRORS WILL CAUSE A SPECIFIC ERROR      *
                         8214 *  MESSAGE TO BE PRODUCED WHILE ALL OTHERS WILL CAUSE A WTP MESSAGE    *
                         8215 *  GIVING A LESS PRECISE ERROR DESCRIPTION. IN THIS LATTER CASE        *
                         8216 *  THE USER WILL ALSO RECEIVE MESSAGE XXX808I INFORMING HIM THAT       *
                         8217 *  HE SHOULD EXAMINE THE WTP MESSAGE FOR ERROR DIAGNOSIS.              *
                         8218 *                                                                      *
                         8219 * INPUT:                                                              *
                         8220 *        R15 = DYNAMIC ALLOCATION RETURN CODE (NOT = 0).               *
                         8221 *                                                                      *
                         8222 * OUTPUT:                                                             *
                         8223 *        ERROR MESSAGE IS PRODUCED VIA IEFVPPM AND CONTROL IS PASSED   *
                         8224 *        TO THE CALLER VIA R10.                                        *
                         8225 *                                                                      *
                         8226 *        CWA(PPDARB)   - OUR DYNAMIC ALLOCATE PARAMETER BLOCK.         *
                         8227 *        CWA(PPDFRETC) - RETURN CODE HOLD AREA FOR DAIRFAIL(IKJEFF18)  *
                         8228 *                                                                      *
                         8229 * EXTERNALS:                                                          *
                         8230 *        IKJEFF18 (DAIRFAIL SERVICE ROUTINE) - ISSUES WTP MESSAGE.     *
                         8231 *                                                                      *
                         8232 * EXIT:                                                               *
                         8233 *        RETURN TO CALLER VIA R10.                                     *
                         8234 *        ABEND THE CONVERTER BECAUSE OF UNRECOVERABLE ERROR.           *
                         8235 *                                                                      *
                         8236 * SVC:                                                                *
                         8237 *        LINK (SVC 6)                                                  *
                         8238 *        LOCATE (SVC 26)                                               *
                         8239 *        WTO (SVC 35)                                                  *
                         8240 *        ABEND (SVC 13)                                                *
                         8241 *                                                                      *
                         8242 ************************************************************************
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

000BD8 4190 6140      00140        8244 PPDAERRA LA    R9,PPDARB           -> DYNAMIC ALLOC REQUEST BLOCK
                            00000  8245          USING S99RB,R9            MAKE DARB ADDRESSABLE
000BDC 50F0 62C0      002C0        8246          ST    R15,PPDFRETC        SET RETURN CODE FOR DAIRFAIL
                                   8247 *
                                   8248 ************************************************************
                                   8249 *                ANALYZE ALLOCATION TIME ERRORS            *
                                   8250 ************************************************************
000BE0 9501 9001      00001        8251          CLI   S99VERB,S99VRBAL    IS THIS AN ALLOCATION FAILURE
000BE4 4770 BC3C      00C3C        8252          BNE   PPDAERRC            NO, TRY CONCATENATION
000BE8 9517 9004      00004        8253          CLI   S99ERROR,LOCATE     IS THIS A CATALOG LOCATE ERROR
000BEC 4780 BC6A      00C6A        8254          BE    PPERM805            GO GIVE ERROR MESSAGE
000BF0 9567 9004      00004        8255          CLI   S99ERROR,OBTAIN     IS THIS AN OBTAIN ERROR ?
000BF4 4780 BCE0      00CE0        8256          BE    PPERM807            GO GIVE ERROR MESSAGE
000BF8 9502 9004      00004        8257          CLI   S99ERROR,DALRNOTA   IS THIS A "RESOURCE" ERROR ?
000BFC 4770 BCE8      00CE8        8258          BNE   PPERM808            NO, GIVE ERROR CODE IN MESSAGE
000C00 950C 9005      00005        8259          CLI   S99ERROR+1,DALDSNEX EXCLUSIVE "DSN" REQUEST ?
000C04 4780 BD3E      00D3E        8260          BE    PPERM813            YES, GIVE ERROR MESSAGE
000C08 9510 9005      00005        8261          CLI   S99ERROR+1,DALDSNNA DATA SET CURRENTLY "IN USE" ?
000C0C 4780 BD3E      00D3E        8262          BE    PPERM813            YES, GIVE ERROR MESSAGE
000C10 9514 9005      00005        8263          CLI   S99ERROR+1,DALUNITE UNIT NOT AVAILABLE ?
000C14 4780 BD46      00D46        8264          BE    PPERM814            YES, GIVE ERROR MESSAGE
000C18 951C 9005      00005        8265          CLI   S99ERROR+1,DALUNITI INVALID UNIT NAME ?
000C1C 4780 BD46      00D46        8266          BE    PPERM814            YES, GIVE ERROR MESSAGE
000C20 9518 9005      00005        8267          CLI   S99ERROR+1,DALVOLNM VOLUME NOT MOUNTED ?
000C24 4780 BC72      00C72        8268          BE    PPERM806            YES, GIVE ERROR MESSAGE
000C28 9520 9005      00005        8269          CLI   S99ERROR+1,DALVOLNA VOLUME NOT AVAILABLE ?
000C2C 4780 BC72      00C72        8270          BE    PPERM806            YES, GIVE ERROR MESSAGE
000C30 953C 9005      00005        8271          CLI   S99ERROR+1,DALCVOLE CVOL NOT MOUNTED ?
000C34 4780 BD4E      00D4E        8272          BE    PPERM815            YES, GIVE ERROR MESSAGE
000C38 47F0 BCE8      00CE8        8273          B     PPERM808            GIVE GENERAL FAILURE MESSAGE
                                   8274 *
                                   8275 ************************************************************
                                   8276 *              ANALYZE CONCATENATION ERRORS                *
                                   8277 ************************************************************
000C3C 9503 9001      00001        8278 PPDAERRC CLI   S99VERB,S99VRBCC    CONCATENATION FAILURE ?
000C40 4780 BD1A      00D1A        8279          BE    PPERM809            GIVE ERROR MESSAGE
                                   8280 *
                                   8281 ************************************************************
                                   8282 *              ANALYZE DE-CONCATENATION ERRORS             *
                                   8283 ************************************************************
000C44 9504 9001      00001        8284 PPDAERRD CLI   S99VERB,S99VRBDC    DE-CONCATENATION FAILURE ?
000C48 4770 BC58      00C58        8285          BNE   PPDAERRR            NO, TRY DE-ALLOCATION
000C4C D501 9004 70AE 00004 010AE  8286          CLC   S99ERROR,=X'0438'   DDNAME NOT FOUND ?
000C52 4770 BCE8      00CE8        8287          BNE   PPERM808            NO, GIVE MESSAGE AND ABEND
000C56 07FA                        8288          BR    R10                 RETURN -> IGNORE ERROR
                                   8289 *
                                   8290 ************************************************************
                                   8291 *              ANALYZE DE-ALLOCATION ERRORS                *
                                   8292 ************************************************************
000C58 9502 9001      00001        8293 PPDAERRR CLI   S99VERB,S99VRBUN    DE-ALLOCATION FAILURE ?
000C5C 077A                        8294          BNER  R10                 IMPOSSIBLE ERROR -> RETURN
000C5E D501 9004 70AE 00004 010AE  8295          CLC   S99ERROR,=X'0438'   DDNAME NOT FOUND ?
000C64 4770 BCE8      00CE8        8296          BNE   PPERM808            NO, GIVE MESSAGE AND ABEND
000C68 07FA                        8297          BR    R10                 RETURN TO CALLER
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                          ASM 0201 16.32 05/28/20

                                   8299 ************************************************************************
                                   8300 *              DYNAMIC ALLOCATION ERROR MESSAGE ROUTINES                *
                                   8301 ************************************************************************
000C6A                             8302 PPERM805 DS    0H
000C6A 4120 72AB      012AB        8303          LA    R2,MSG805I          CATALOG SEARCH FAILED
000C6E 47F0 BD94      00D94        8304          B     PPDAERRM
                                   8305 *
000C72                             8306 PPERM806 DS    0H
000C72 9608 60BA      000BA        8307          OI    PPSTAT2,PPRREQUE    INDICATE RE-QUEUE FOR CONVERT
000C76 4120 72DA      012DA        8308          LA    R2,MSG806I          REQUIRED VOLUME NOT MOUNTED
000C7A D230 63FC 7314 003FC 01314  8309          MVC   PPWTOWRK(PPVOLNML),PPVOLNMT MOVE IN BASIC WTO MESSAGE
000C80 41F0 61B2      001B2        8310          LA    R15,PPVOLSER        ASSUME USER HARD CODED VOLSER
000C84 9150 60BA      000BA        8311          TM    PPSTAT2,PPHAVSER+PPHAVUNT VOLSER AND UNIT HARD CODED ?
000C88 4710 BCD6      00CD6        8312          BO    PPVNMMSG            BRANCH IF YES, NO NEED FOR LOCATE
                                   8313 *
                                   8314          LOCATE PPLOCPRM           LOCATE REQUIRED VOLSER FROM CATLG
000C8C 4110 62DC      002DC        8315+         LA    1,PPLOCPRM                    LOAD PARAMETER REG 1   01900002
000C90 0A1A                        8316+         SVC   26                            LINK TO SERVICE ROUT.  00100000
000C92 12FF                        8317          LTR   R15,R15             LOCATE SUCCESSFUL ?
000C94 4780 BCB0      00CB0        8318          BZ    PPVNLOCT            BRANCH IF IT WAS
                                   8319 *
000C98 94F7 60BA      000BA        8320          NI    PPSTAT2,255-PPRREQUE     DISALLOW REQUEUE IF UNLOCATABLE
000C9C 41F0 70B0      010B0        8321          LA    R15,=C'??????'      SHOW LOCATE FAILURE
000CA0 9140 60BA      000BA        8322          TM    PPSTAT2,PPHAVSER    WAS VOLSER CODED?
000CA4 4780 BCD6      00CD6        8323          BZ    PPVNMMSG            BRANCH IF NOT
000CA8 41F0 61B2      001B2        8324          LA    R15,PPVOLSER        SET THE HARD CODED VOLSER
000CAC 47F0 BCD6      00CD6        8325          B     PPVNMMSG            AND ISSUE THE MESSAGE
                                   8326 *
000CB0 41F0 62F6      002F6        8327 PPVNLOCT LA    R15,PPLOCWRK+6      SET LOCATED VOLUME
000CB4 D501 62F0 7094 002F0 01094  8328          CLC   PPLOCWRK(2),=H'1'   MAKE SURE THERE IS ONLY ONE VOLUME
000CBA 4770 BCD2      00CD2        8329          BNE   PPVNALOW            BRANCH IF IT ISN'T
000CBE 9120 62F4      002F4        8330          TM    PPLOCWRK+2+2,UCB3DACC    TEST FOR DIRECT ACCESS DEVICE
000CC2 4780 BCD2      00CD2        8331          BZ    PPVNALOW            BRANCH IF NOT DASD
                                   8332 *
000CC6 9108 62F3      002F3        8333          TM    PPLOCWRK+2+1,UCBRVDEV    TEST FOR MSS DEVICE
000CCA 4780 BCD6      00CD6        8334          BZ    PPVNMMSG            BRANCH IF NOT MSS
000CCE 94F7 60BA      000BA        8335          NI    PPSTAT2,255-PPRREQUE     DISALLOW REQUEUE FOR MSS
                                   8336 *
000CD2 4120 73F9      013F9        8337 PPVNALOW LA    R2,MSG811I          VOLUME NOT ALLOW FOR JOBPROC
                                   8338 *
000CD6 D205 6417 F000 00417 00000  8339 PPVNMMSG MVC   PPWTOWRK+PPVOLNMS(6),0(R15) SET VOLSER IN MESSAGE
000CDC 47F0 BD94      00D94        8340          B     PPDAERRM
                                   8341 *
000CE0                             8342 PPERM807 DS    0H
000CE0 4120 7345      01345        8343          LA    R2,MSG807I          JOBPROC DATA SET NOT ON VOLUME
000CE4 47F0 BD94      00D94        8344          B     PPDAERRM
                                   8345 *
000CE8                             8346 PPERM808 DS    0H
000CE8 4110 62A8      002A8        8347          LA    R1,PPDFPARM          -> DAIRFAIL PARM LIST
                                   8348          LINK  EP=IKJEFF18          ISSUE WTP FOR FAILURE
000CEC                             8349+         CNOP  0,4                                            04900000
000CEC 45F0 BD00      00D00        8350+         BAL   15,*+20            BRANCH AROUND CONSTANTS     04950000
000CF0 00000CF8                    8351+         DC    A(*+8)             ADDR. OF PARM. LIST         05050000
000CF4 00000000                    8352+         DC    A(0)                DCB ADDRESS PARAMETER      06650000
000CF8 C9D2D1C5C6C6F1F8            8353+         DC    CL8'IKJEFF18'       EP PARAMETER               06750000
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

000D00 0A06                      8354+         SVC   6                   ISSUE LINK SVC                        48000000
000D02 9504 9001      00001      8355          CLI   S99VERB,S99VRBDC    FAILURE DURING DE-CONCAT. ?
000D06 4780 BD60      00D60      8356          BE    PPERM816            YES, ABEND THE CONVERTER
000D0A 9502 9001      00001      8357          CLI   S99VERB,S99VRBUN    FAILURE DURING DE-ALLOCATION ?
000D0E 4780 BD6E      00D6E      8358          BE    PPERM817            YES, ABEND THE CONVERTER
000D12 4120 736D      0136D      8359          LA    R2,MSG808I          PROCLIB ALLOCATION FAILED
000D16 47F0 BD94      00D94      8360          B     PPDAERRM            ISSUE ERROR MESSAGE
                                 8361 *
000D1A                           8362 PPERM809 DS    0H
000D1A 4110 62A8      002A8      8363          LA    R1,PPDFPARM          -> DAIRFAIL PARM LIST
                                 8364          LINK  EP=IKJEFF18          ISSUE WTP FOR FAILURE
000D1E 0700                      8365+         CNOP  0,4                                                   04900000
000D20 45F0 BD34      00D34      8366+         BAL   15,*+20             BRANCH AROUND CONSTANTS           04950000
000D24 00000D2C                  8367+         DC    A(*+8)              ADDR. OF PARM. LIST               05050000
000D28 00000000                  8368+         DC    A(0)                 DCB ADDRESS PARAMETER            06650000
000D2C C9D2D1C5C6C6F1F8          8369+         DC    CL8'IKJEFF18'        EP PARAMETER                     06750000
000D34 0A06                      8370+         SVC   6                    ISSUE LINK SVC                   48000000
000D36 4120 7390      01390      8371          LA    R2,MSG809I           USER PROCLIB CONCATENATION ERR
000D3A 47F0 BD94      00D94      8372          B     PPDAERRM
                                 8373 *
000D3E                           8374 PPERM813 DS    0H
000D3E 4120 7453      01453      8375          LA    R2,MSG813I           DATA SET NOT AVALIABLE EXCL'VE
000D42 47F0 BD94      00D94      8376          B     PPDAERRM
                                 8377 *
000D46                           8378 PPERM814 DS    0H
000D46 4120 7497      01497      8379          LA    R2,MSG814I          UNIT NOT AVAILABLE (INVALID ?)
000D4A 47F0 BD94      00D94      8380          B     PPDAERRM
                                 8381 *
000D4E                           8382 PPERM815 DS    0H
000D4E 9608 60BA      000BA      8383          OI    PPSTAT2,PPRREQUE    INDICATE RE-QUEUE FOR CONVERT
000D52 D231 63FC 751C 003FC 0151C 8384          MVC   PPWTOWRK(PPCVLNML),PPCVLNMT MOVE IN WTO MESSAGE
000D58 4120 74D2      014D2      8385          LA    R2,MSG815I          CVOL NOT MOUNTED
000D5C 47F0 BD94      00D94      8386          B     PPDAERRM
                                 8387 *
                                 8388 PPERM816 WTO   MF=(E,PPDECON1)     DECONCATENATION FAILURE
000D60 4110 7578      01578      8389+PPERM816 LA    1,PPDECON1                    LOAD PARAMETER REG 1    01900002
000D64 0A23                      8390+         SVC   35                            ISSUE SVC               01500002
000D66 4120 754E      0154E      8391          LA    R2,MSG816I          GIVE USER ERROR MESSAGE TOO
000D6A 47F0 BD94      00D94      8392          B     PPDAERRM            GO ISSUE ERROR MESSAGE
                                 8393 *
                                 8394 PPERM817 WTO   MF=(E,PPDEALC1)     DEALLOCATION FAILURE
000D6E 4110 75D0      015D0      8395+PPERM817 LA    1,PPDEALC1                    LOAD PARAMETER REG 1    01900002
000D72 0A23                      8396+         SVC   35                            ISSUE SVC               01500002
                                 8397 *
                                 8398 PPDABEND ABEND PPABEND,DUMP,,SYSTEM LET JES CLEANUP CONVERTER
000D74                           8399+PPDABEND DS    0H                                                    00400002
000D74                           8400+         CNOP  0,4                                                   01400002
000D74 47F0 BD7C      00D7C      8401+         B     *+8                 BRANCH AROUND CONSTANTS           01450002
000D78 00000BAD                  8402+         DC    AL4(PPABEND)                                          01500002
000D7C 5810 BD78      00D78      8403+         L     1,*-4               LOAD REG1 WITH COMPCODE           01550002
000D80 8910 0014      00014      8404+         SLL   1,20(0)             SHIFT OFF > 12 BITS               01200002
000D84 8810 0008      00008      8405+         SRL   1,8(0)              CODE IN SYSTEM POSITION           01300002
000D88 4100 0080      00080      8406+         LA    0,128(0,0)          PICK UP DUMP/STEP/DUMPOPTS     YM1995 01800002
000D8C 8900 0018      00018      8407+         SLL   0,24(0)             SHIFT TO HIGH ORDER               01850002
000D90 1610                      8408+         OR    1,0                 OR IN WITH COMPCODE               01900002
```

```
000D92 0A0D                     8409+         SVC   13                LINK TO ABEND ROUTINE                 02050002
                                8410 *
000D94 45E0 BEF8      00EF8     8411 PPDAERRM BAL   R14,IEFVPPM        GIVE USER ERROR MESSAGE
000D98 9180 60B8      000B8     8412          TM    PPSTAT0,PP0CODE    ARE WE IN INITIALIZATION CLEANUP?
000D9C 071A                     8413          BOR   R10                YES, GO ON
000D9E 9108 60BA      000BA     8414          TM    PPSTAT2,PPRREQUE   RE-QUEUE FOR CONVERT REQUESTED
000DA2 07EA                     8415          BNOR  R10                RETURN TO CALLER IF NOT
                                8416          WTO   MF=(E,PPWTOWRK)    SEND MESSAGE TO OPERATOR AS WELL
000DA4 4110 63FC      003FC     8417+         LA    1,PPWTOWRK                LOAD PARAMETER REG 1  01900002
000DA8 0A23                     8418+         SVC   35                  ISSUE SVC             01500002
000DAA 5820 C280      00280     8419          L     R2,CWAJMRPT        -> JOB MANAGEMENT RECORD
000DAE 9604 201D      0001D     8420          OI    JMRINDC-JMR(R2),X'04' FLAG JOB FOR JES2 RE-QUEUE
000DB2 07FA                     8421          BR    R10                RETURN TO CALLER
                                8422 *
                        00017   8423 LOCATE   EQU   X'17'              CATALOG LOCATE FAILED
                        00067   8424 OBTAIN   EQU   X'67'              DSCB OBTAIN FAILED
                        00002   8425 DALRNOTA EQU   X'02'              RESOURCE NOT AVAILABLE
                        0000C   8426 DALDSNEX EQU   X'0C'                 UNABLE TO GET DATA SET EXCLUSIVE
                        00010   8427 DALDSNNA EQU   X'10'                 DATA SET IN USE
                        00014   8428 DALUNITE EQU   X'14'                 UNAVAILABLE UNIT SPECIFIED
                        00018   8429 DALVOLNM EQU   X'18'                 REQUIRED VOLUME NOT MOUNTED
                        0001C   8430 DALUNITI EQU   X'1C'                 INVALID UNIT SPECIFIED
                        00020   8431 DALVOLNA EQU   X'20'                 VOLUME NOT AVAILABLE
                        0003C   8432 DALCVOLE EQU   X'3C'                 CVOL NOT MOUNTED
                                8433 *
                                8434          DROP  R11,R7,R9
                                8435 *
                                8436          AIF   (&INTEXTX).UJVYES
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20
                                  8438 ************************************************************************
                                  8439 *                                                                      *
                                  8440 * IEFVPP5                                                              *
                                  8441 * *******                                                              *
                                  8442 *                                                                      *
                                  8443 * THIS ROUTINE IS CALLED BY IEFVFA AND IMMEDIATELY RETURNS TO IT,     *
                                  8444 * AS NO INTERNAL TEXT EXIT TO IEFUJV IS DESIRED.                      *
                                  8445 *                                                                      *
                                  8446 * INPUT:                                                               *
                                  8447 *        R12 -> CONVERTER WORK AREA                                    *
                                  8448 *                                                                      *
                                  8449 * EXTERNALS:                                                          *
                                  8450 *        NONE.                                                         *
                                  8451 *                                                                      *
                                  8452 * EXIT:                                                              *
                                  8453 *        IMMEDIATE RETURN TO IEFVFA.                                   *
                                  8454 *                                                                      *
                                  8455 * SVC:                                                               *
                                  8456 *        NONE                                                          *
                                  8457 *                                                                      *
                                  8458 * NOTES:                                                             *
                                  8459 *        THIS ROUTINE IS NOT PART OF THE PRIVATE PROCLIB SUPPORT       *
                                  8460 *        PER SE, BUT IT DOES USE THE CONVERTER WORK AREA INTERFACE.    *
                                  8461 *                                                                      *
                                  8462 ************************************************************************
                                  8463 *
000DB4                            8464 IEFVPP5  DS    0H
000DB4 07FE                       8465          BR    R14
                                  8466 *
                                  8467          AGO   .UJVDONE
                                  8468 .UJVDONE ANOP
```

```
                                8470 ************************************************************************
                                8471 *                                                                      *
                                8472 * PPESTAEX                                                             *
                                8473 * ********                                                             *
                                8474 *                                                                      *
                                8475 * THIS ROUTINE SETS THE JOB ERROR FLAG FOR THE CONVERTER AND PRINTS    *
                                8476 * AN ERROR MESSAGE FOR THE USER.                                       *
                                8477 *                                                                      *
                                8478 * INPUT:                                                               *
                                8479 *        R1 -> SYSTEM DIAGNOSTIC WORK AREA (SDWA).                     *
                                8480 *                                                                      *
                                8481 * OUTPUT:                                                              *
                                8482 *        UPDATED SDWA FOR THE APPROPRIATE ERROR RECOVERY ROUTINE.      *
                                8483 *        IWA(WAJOBPFX) SET TO INDICATE JCL ERROR.                      *
                                8484 *                                                                      *
                                8485 * EXTERNALS:                                                          *
                                8486 *        NONE.                                                         *
                                8487 *                                                                      *
                                8488 * EXIT:                                                               *
                                8489 *        NORMAL:  RETURN TO R/TM2 VIA SETRP MACRO.                     *
                                8490 *        NO SDWA: RETURN TO R/TM2 WITH R15 = 0.                        *
                                8491 *                                                                      *
                                8492 * SVC:                                                                *
                                8493 *        SDUMP (SVC 51) WHEN IN DEBUGGING MODE.                        *
                                8494 *                                                                      *
                                8495 * NOTES:                                                              *
                                8496 *        IT IS HOPED THAT SDWAPARM CONTAINS A PTR TO THE CWA.          *
                                8497 *                                                                      *
                                8498 ************************************************************************
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                   8500 ********* PREPARE THE SDWA AND CHECK FOR UNRECOVERABLE ABENDS *********
                                   8501 *
                           00DB6   8502          USING PPESTAEX,R15        TEMPORARY BASE
000DB6                             8503 PPESTAEX DS    0H
000DB6 5900 F2CE      01084        8504          C     R0,=F'12'           CHECK FOR NO SDWA
000DBA 4780 F084      00E3A        8505          BE    PPESTAEZ            GIVE UP IF NONE
000DBE 1211                        8506          LTR   R1,R1               CHECK FOR NO SDWA
000DC0 4780 F084      00E3A        8507          BE    PPESTAEZ            GIVE UP IF NONE
000DC4 90EC D00C      0000C        8508          STM   R14,R12,12(R13)     SAVE R/TM REGISTERS
000DC8 1831                        8509          LR    R3,R1               SET PTR TO SDWA
                           00000   8510          USING SDWA,R3             ESTABLISH SDWA ADDRESSABILITY
                                   8511 *
000DCA 58C0 3000      00000        8512          L     R12,SDWAPARM        ENSURE CWA ADDRESSABILITY
000DCE D503 C004 F2D2 00004 01088  8513          CLC   CWAID,=X'11111111'  ENSURE THIS IS IN FACT THE CWA
000DD4 4770 F074      00E2A        8514          BNE   PPESFATL            NO, DO NOT RECOVER FROM ABEND
                                   8515          L     R6,&ANCHOR          LOAD PRIVATE PROCLIB WORK AREA
000DD8 5860 C3A0      003A0        8516+         L     R6,RFULLE           LOAD PRIVATE PROCLIB WORK AREA
000DDC 1266                        8517          LTR   R6,R6               DO WE HAVE A WORK AREA
000DDE 4780 F074      00E2A        8518          BZ    PPESFATL            THIS IS DEADLY IF WE DON'T
                                   8519 *
000DE2 9180 60C3      000C3        8520          TM    PPMISC,PPDEBUG      TEST IF DEBUGGING IN FORCE
000DE6 4780 F03E      00DF4        8521          BZ    PPESBYP             BRANCH IF NO DEBUGGING
000DEA 182F                        8522          LR    R2,R15              SAVE THE BASE REGISTER
                                   8523          SDUMP MF=(E,PPESDUMP)     INVOKE A BIG DUMP
000DEC 4110 F342      010F8        8524+         LA    1,PPESDUMP                   ADDR OF PARAM IN REG       00200002
000DF0 0A33                        8525+         SVC   51                       INVOKE SVC DUMP VIA SVC     10800002
000DF2 18F2                        8526          LR    R15,R2              RESTORE THE BASE REGISTER
000DF4                             8527 PPESBYP  DS    0H
                                   8528 *
000DF4 D217 3124 F308 00124 010BE  8529          MVC   SDWARECP,PPESRECP   MOVE IN RECORDING PARMS
000DFA 9280 3192      00192        8530          MVI   SDWADPVA,SDWAHEX    DUMP USER DATA IN HEX
000DFE 922C 3193      00193        8531          MVI   SDWAURAL,PPDCB-PPSTAT0 MOVE IN LENGTH OF USER DATA
000E02 D22B 3194 60B8 00194 000B8  8532          MVC   SDWAVRA(PPDCB-PPSTAT0),PPSTAT0 TRACE INFO FOR LOGREC
                                   8533 *
000E08 9604 C137      00137        8534          OI    STRJINDC-TEXT+WAJOBPFX,JTXJOBFL FLUSH THE BAD JOB
000E0C 9680 60B9      000B9        8535          OI    PPSTAT1,PPJPERR     ALSO FLAG ERROR FOR US
                                   8536 *
000E10 1B11                        8537          SR    R1,R1               CLEAR R1
000E12 BF13 3005      00005        8538          ICM   R1,3,SDWACMPC       R1 = ABEND CODE (XXX0)
000E16 8810 0004      00004        8539          SRL   R1,4                DROP INSIGNIFICANT BITS
000E1A BD13 F300      010B6        8540          CLM   R1,3,=AL2(PPABEND)  IS THIS A SELF INFLICTED ABEND
000E1E 4780 F074      00E2A        8541          BE    PPESFATL            BRANCH IF YES
000E22 9108 60B8      000B8        8542          TM    PPSTAT0,PPECODE     IS THIS A RECURSIVE ABEND ?
000E26 47E0 F088      00E3E        8543          BNO   PPESENVR            BRANCH IF NOT
                                   8544 *
000E2A                             8545 PPESFATL DS    0H
                                   8546          SETRP REGS=(14,12),RC=0,RECORD=YES, * CONTINUE ABEND *        X
                                                       WKAREA=(R3)
000E2A 1813                        8547+         LR    1,R3          .          ACCESS POINTER TO SDWA          00850002
000E2C 9200 10FC      000FC        8548+         MVI   SDWARCDE-SDWA(1),0      .       PUT RC IN SDWA          02000002
000E30 9680 10FD      000FD        8549+         OI    SDWAACF2-SDWA(1),SDWARCRD   TURN ON RECORD INDICATOR     02400002
000E34 98EC D00C      0000C        8550+         LM    14,12,12(13)                  RESTORE THE REGISTERS     00650000
000E38 07FE                        8551+         BR    14                            RETURN                    02000000
                                   8552 *
000E3A                             8553 PPESTAEZ DS    0H                NO SDWA ADDRESS PROVIDED
```

```
000E3A 1FFF                    8554          SLR   R15,R15             INDICATE NO RETRY
000E3C 07FE                    8555          BR    R14                  AND RETURN
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                   8557 ****************** DETERMINE LOCATION OF ERROR ************************
000E3E 9608 60B8      000B8        8558 PPESENVR OI    PPSTAT0,PPECODE     INDICATE ERROR EXIT IN CONTROL
000E42 58B0 F13E      00EF4        8559          L     R11,PPBASE          GET COMMON BASE REG
000E46 4170 0800      00800        8560          LA    R7,2048             AND SECOND BASE REGISTER
000E4A 4177 B800      00800        8561          LA    R7,2048(R7,R11)
                            00000  8562          USING IEFVPP,R11,R7       INFORM ASSEMBLER ABOUT IT
                                   8563          DROP  R15                 DROP TEMPORARY BASE
                                   8564 *
000E4E 9180 60B8      000B8        8565          TM    PPSTAT0,PP0CODE     FAILURE DURING INITIALIZATION
000E52 47E0 BE6A      00E6A        8566          BNO   PPESPP1             NO, CONTINUE
000E56 92F0 3132      00132        8567          MVI   SDWARECP+14,C'0'    INDICATE IEFVPP0 FAILED
000E5A 9680 30FD      000FD        8568          OI    SDWAACF2,SDWARCRD   INDICATE LOGREC RECORD REQ'D
000E5E 9200 60B8      000B8        8569          MVI   PPSTAT0,0           DISABLE USER PROCLIB SUPPORT
000E62 4140 BBB8      00BB8        8570          LA    R4,PPRETURN         SET RETRY FOR GRACEFUL EXIT
000E66 47F0 BEDE      00EDE        8571          B     PPESRTRN            RETURN TO R/TM
                                   8572 *
000E6A 9140 60B8      000B8        8573 PPESPP1  TM    PPSTAT0,PP1CODE     FAILURE IN JOBPROC PROCESSOR ?
000E6E 47E0 BE82      00E82        8574          BNO   PPESPP2             BRANCH IF NOT
000E72 92F1 3132      00132        8575          MVI   SDWARECP+14,C'1'    INDICATE IEFVPP1 FAILED
000E76 9680 30FD      000FD        8576          OI    SDWAACF2,SDWARCRD   INDICATE LOGREC RECORD REQ'D
000E7A 4140 BBB8      00BB8        8577          LA    R4,PPRETURN         SET RETRY ADDRESS
000E7E 47F0 BEDE      00EDE        8578          B     PPESRTRN            RETURN TO R/TM
                                   8579 *
000E82 9120 60B8      000B8        8580 PPESPP2  TM    PPSTAT0,PP2CODE     FAILURE IN PROCLIB PREPARE ?
000E86 47E0 BECE      00ECE        8581          BNO   PPESPP3             BRANCH IF NOT
000E8A 92F2 3132      00132        8582          MVI   SDWARECP+14,C'2'    INDICATE IEFVPP2 FAILED
000E8E 9120 60C1      000C1        8583          TM    PPTRPP2,PPTROPEN    IS PROCLIB OPEN IN PROGRESS ?
000E92 47E0 BEC2      00EC2        8584          BNO   PPESPP2A            BRANCH IF NOT
000E96 1B11                        8585          SR    R1,R1               CLEAR R1
000E98 BF13 3005      00005        8586          ICM   R1,3,SDWACMPC       R1 = ABEND CODE (XXX0)
000E9C 8810 0004      00004        8587          SRL   R1,4                DROP INSIGNIFICANT BITS
000EA0 BD13 70B8      010B8        8588          CLM   R1,3,=X'0213'       POSSIBLE "DATA SET NOT FOUND"?
000EA4 4770 BEB6      00EB6        8589          BNE   PPESOERR            BRANCH IF NOT
000EA8 D501 3056 70BA 00056 010BA  8590          CLC   SDWAGR15+2(2),=H'4' S213-04 -> NO DATA SET ?
000EAE 4770 BEB6      00EB6        8591          BNE   PPESOERR            BRANCH IF NOT
000EB2 9610 60C1      000C1        8592          OI    PPTRPP2,PPTRS213    INDICATE S213-04 ABEND IN PP2
                                   8593 *
000EB6 4140 B8A0      008A0        8594 PPESOERR LA    R4,PPTOPEN          SET RECOVERY PTR FOR OPEN ERR
000EBA 947F 30FD      000FD        8595          NI    SDWAACF2,PPALL-SDWARCRD NO RECORDING FOR USER ERR
000EBE 47F0 BEDE      00EDE        8596          B     PPESRTRN            RETURN TO R/TM
                                   8597 *
000EC2 4140 BBB8      00BB8        8598 PPESPP2A LA    R4,PPRETURN         GRACEFUL EXIT IF NOT OPEN ERR
000EC6 9680 30FD      000FD        8599          OI    SDWAACF2,SDWARCRD   INDICATE LOGREC RECORD REQ'D
000ECA 47F0 BEDE      00EDE        8600          B     PPESRTRN            RETURN TO R/TM
                                   8601 *
000ECE 9110 60B8      000B8        8602 PPESPP3  TM    PPSTAT0,PP3CODE     FAILURE IN CLEANUP PROCESSING
000ED2 47E0 BE2A      00E2A        8603          BNO   PPESFATL            NO -> THINGS ARE IN BAD SHAPE
000ED6 92F3 3132      00132        8604          MVI   SDWARECP+14,C'3'    INDICATE IEFVPP3 FAILED
000EDA 47F0 BE2A      00E2A        8605          B     PPESFATL            DO NOT RECOVER FROM PP3 ERROR
                                   8606 *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

                                   8608 ********************** RETURN TO THE RTM ****************************
                                   8609 PPESRTRN SETRP RC=4,RETADDR=(R4),FRESDWA=YES,WKAREA=(R3),                X
                                                       REGS=(14,12)        RETURN TO R/TM
000EDE 1813                        8610+PPESRTRN LR    1,R3          .          ACCESS POINTER TO SDWA           00850002
000EE0 9204 10FC      000FC        8611+         MVI   SDWARCDE-SDWA(1),4      . INITIALIZE RC FIELD            01350002
000EE4 5040 10F0      000F0        8612+         ST    R4,SDWARTYA-SDWA(,1)          STORE RETRY ADDR IN SDWA   01600002
000EE8 9604 10FD      000FD        8613+         OI    SDWAACF2-SDWA(1),SDWAFREE   TURN ON FREE SDWA            01630002
000EEC 98EC D00C      0000C        8614+         LM    14,12,12(13)                      RESTORE THE REGISTERS  00650000
000EF0 07FE                        8615+         BR    14                                RETURN                 02000000
                                   8616 *
                                   8617          DROP  R3                  DROP SDWA ADDRESSABILITY
                                   8618 *
000EF2 0000
000EF4 00000000                    8619 PPBASE   DC    A(IEFVPP)           BASE ADDRESS FOR ALL ROUTINES
                                   8620 *              MUST BE WITHIN THE FIRST 4K OF THE MODULE
                                   8621 *
```

LOC OBJECT CODE ADDR1 ADDR2 STMT SOURCE STATEMENT ASM 0201 16.32 05/28/20

```
                                8623 ************************************************************************
                                8624 *                                                                      *
                                8625 * IEFVPPM                                                              *
                                8626 * *******                                                              *
                                8627 *                                                                      *
                                8628 * THIS ROUTINE SETS THE JOB ERROR FLAG FOR THE CONVERTER AND PRINTS    *
                                8629 * AN ERROR MESSAGE FOR THE USER.                                       *
                                8630 *                                                                      *
                                8631 * INPUT:                                                               *
                                8632 *        R2 =  ADDRESS OF MESSAGE.                                     *
                                8633 *                                                                      *
                                8634 * OUTPUT:                                                              *
                                8635 *        IWA(WAJOBPFX) SET TO INDICATE JCL ERROR IF NOT A              *
                                8636 *        REQUEUEABLE ERROR.                                            *
                                8637 *        MESSAGE TO THE JCL MESSAGE DATA SET.                          *
                                8638 *                                                                      *
                                8639 * EXTERNALS:                                                           *
                                8640 *        PUT RPL TO SYSTEM MESSAGE DATA SET.                           *
                                8641 *                                                                      *
                                8642 * EXIT:                                                                *
                                8643 *        RETURN TO CALLER OF THIS ROUTINE.                             *
                                8644 *                                                                      *
                                8645 * SVC:                                                                 *
                                8646 *        NONE                                                          *
                                8647 *                                                                      *
                                8648 ************************************************************************
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   8650 ************************** BUILD MESSAGE ******************************
000EF8                             8651 IEFVPPM  DS    0H
000EF8 90EC D00C      0000C        8652          STM   R14,R12,12(R13)     SAVE CALLERS' REGISTERS
000EFC 9604 C137      00137        8653          OI    STRJINDC-TEXT+WAJOBPFX,JTXJOBFL SET JOB ERROR FLAG
000F00 9680 60B9      000B9        8654          OI    PPSTAT1,PPJPERR     BYPASS ALL FURTHER PROCESSING
000F04 9604 60B8      000B8        8655          OI    PPSTAT0,PPMCODE     INDICATE WE ARE IN IEFVPPM CODE
                                   8656 *
000F08 5810 C0F0      000F0        8657          L     R1,WAMSGBUF         LOAD ADDRESS OF MESSAGE BUFFER
000F0C 9240 1000      00000        8658          MVI   0(R1),C' '          BLANK THE BUFFER OUT
000F10 D29E 1001 1000 00001 00000  8659          MVC   1(159,R1),0(R1)
000F16 18F1                        8660          LR    R15,R1              SAVE IT FOR LATER
000F18 48E0 C15C      0015C        8661          LH    R14,WASTMTNO        LOAD THE STATEMENT NUMBER
000F1C 4EE0 C050      00050        8662          CVD   R14,AOEPWORK        CONVERT IT TO DECIMAL
000F20 960F C057      00057        8663          OI    AOEPWORK+7,X'0F'    FIX THE SIGN
000F24 F342 1000 C055 00000 00055  8664          UNPK  0(5,R1),AOEPWORK+5(3)
000F2A 18E1                        8665          LR    R14,R1              SET FOR LEADING BLANKER
                                   8666 *
000F2C 95F0 E000      00000        8667 PPMBLANK CLI   0(R14),C'0'          CHECK FOR LEADING ZEROES
000F30 4770 BF40      00F40        8668          BNE   PPMNZERO            BRANCH IF NOT
000F34 9240 E000      00000        8669          MVI   0(R14),C' '         BLANK IT OUT
000F38 41E0 E001      00001        8670          LA    R14,1(,R14)         INCREMENT
000F3C 47F0 BF2C      00F2C        8671          B     PPMBLANK            AND TRY AGAIN
                                   8672 *
000F40 4130 000A      0000A        8673 PPMNZERO LA    R3,10               LENGTH OF STMT NUMBER FIELD
000F44 1AF3                        8674          AR    R15,R3              POINT PAST STMT NUMBER
000F46 1BEE                        8675          SR    R14,R14             CLEAR FOR INSERT
000F48 43E0 2001      00001        8676          IC    R14,1(,R2)          GET LENGTH OF MESSAGE
000F4C 1A3E                        8677          AR    R3,R14              CALCULATE TOTAL LENGTH
000F4E 06E0                        8678          BCTR  R14,0               DECREMENT FOR MVC
000F50 44E0 BF96      00F96        8679          EX    R14,PPMMVMSG        MOVE THE MESSAGE TEXT
000F54 9240 1000      00000        8680          MVI   0(R1),C' '          BLANK THE FIRST CHARACTER
                                   8681 *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   8683 ************* PUT OUT HEADER, MESSAGE, AND RETURN *********************
000F58 4180 C134      00134        8684          LA    R8,WAJOBPFX          LOAD ADDRESS OF JOB PREFIX
                             00000 8685          USING TEXT,R8
000F5C 9120 8003      00003        8686          TM    STRJINDC,JTXMHEDR    TEST IF JOB HEADER PRESENT
000F60 4710 BF80      00F80        8687          BO    PPMHDRDN             BRANCH IF SO
000F64 9620 8003      00003        8688          OI    STRJINDC,JTXMHEDR    SET HEADER DONE
                                   8689          DROP  R8
                                   8690 *
000F68 41F0 71A4      011A4        8691          LA    R15,PPMHEAD1         POINT AT FIRST HEADER
000F6C 41E0 0011      00011        8692          LA    R14,L'PPMHEAD1       GET LENGTH OF HEADER
000F70 4590 BF9C      00F9C        8693          BAL   R9,PPMPUTLN          PUT OUT LINE 1 OF HEADER
000F74 41F0 71B5      011B5        8694          LA    R15,PPMHEAD2         POINT AT SECOND HEADER
000F78 41E0 0011      00011        8695          LA    R14,L'PPMHEAD2       GET LENGTH OF HEADER
000F7C 4590 BF9C      00F9C        8696          BAL   R9,PPMPUTLN          PUT OUT LINE 2 OF HEADER
                                   8697 *
000F80 58F0 C0F0      000F0        8698 PPMHDRDN L     R15,WAMSGBUF         RELOAD BUFFER ADDRESS
000F84 41E0 3001      00001        8699          LA    R14,1(,R3)           SET TOTAL LENGTH
000F88 4590 BF9C      00F9C        8700          BAL   R9,PPMPUTLN          GO PUT THE LINE
                                   8701 *
000F8C 94FB 60B8      000B8        8702          NI    PPSTAT0,PPALL-PPMCODE INDICATE COMPLETION OF IEFVPPM
000F90 98EC D00C      0000C        8703          LM    R14,R12,12(R13)      RESTORE CALLERS' REGISTERS
000F94 07FE                        8704          BR    R14                  RETURN TO CALLER
                                   8705 *
000F96 D200 F000 2002 00000 00002  8706 PPMMVMSG MVC   0(0,R15),2(R2)       MOVE MESSAGE TEXT - EXECUTE ONLY
                                   8707 *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   8709 ******************** PUT MESSAGE SUBROUTINE ****************************
000F9C                             8710 PPMPUTLN DS    0H
000F9C 4110 C0A0      000A0        8711          LA    R1,RPLADDR          LOAD THE MESSAGE RPL ADDRESS
                            00000  8712          USING IFGRPL,R1
000FA0 9201 1002      00002        8713          MVI   RPLREQ,RPLPUT       SET PUT REQUEST
000FA4 50F0 1020      00020        8714          ST    R15,RPLAREA         SET MESSAGE ADDRESS
000FA8 D703 1024 1024 00024 00024  8715          XC    RPLARG,RPLARG       ZERO UNNECESSARY FIELD
000FAE 50E0 1030      00030        8716          ST    R14,RPLRLEN         SET RECORD LENGTH
000FB2 9220 1028      00028        8717          MVI   RPLOPT1,RPLSEQ      SET SEQUENTIAL REQUEST
000FB6 D703 1034 1034 00034 00034  8718          XC    RPLBUFL,RPLBUFL     ZERO UNNECESSARY FIELD
000FBC D703 1040 1040 00040 00040  8719          XC    RPLDDDD,RPLDDDD     ZERO UNNECESSARY FIELD
000FC2 58F0 C0EC      000EC        8720          L     R15,WANELPTR        LOAD NEL ADDRESS
                            00000  8721          USING NEL,R15
000FC6 D203 1018 F010 00018 00010  8722          MVC   RPLDACB,NELMSGCB    SET MSG ACB ADDRESS
                                   8723          DROP  R15
                                   8724 *
000FCC 50D0 C05C      0005C        8725          ST    R13,IWASACHN        SAVE CURRENT SAVE AREA ADDRESS
000FD0 41D0 C058      00058        8726          LA    R13,IWAIOSA         SET I/O SAVE AREA
                                   8727          PUT   RPL=(1)             DO IT
000FD4                             8728+         DS    0H                                      00750000
000FD4 1811                        8729+         LR    1,1                 LOAD RPL ADDR VIA REG 00950000
000FD6 4100 0001      00001        8730+         LA    0,X'01'             INDICATE PUT IN REG   01000000
000FDA 58F1 0018      00018        8731+         L     15,24(1)            LOAD ACB ADDR FROM RPL 01050000
000FDE 58FF 0008      00008        8732+         L     15,8(15)            LOAD JES INTERFACE MOD ADDR 01300000
000FE2 05EF                        8733+         BALR  14,15               LINK TO INTERFACE ROUTINE 01400000
                                   8734          DROP  R1
000FE4 58D0 C05C      0005C        8735          L     R13,IWASACHN        RESTORE SAVE AREA ADDRESS
                                   8736 *
000FE8 9110 C169      00169        8737          TM    AOSW1,AOIOERR       WAS IT BAD
000FEC 4710 BFF4      00FF4        8738          BO    PPMBADNW            BRANCH IF SO
000FF0 12FF                        8739          LTR   R15,R15             ANOTHER TEST FOR BAD
000FF2 0789                        8740          BZR   R9                  RETURN IF OK
                                   8741 *
000FF4 D201 C158 70BC 00158 010BC  8742 PPMBADNW MVC   CWARET,=X'0024'     SET I/O ERROR RETURN CODE
000FFA 9601 C16A      0016A        8743          OI    AOSW4,CWATERM       INDICATE TERMINATION
000FFE 58F0 C034      00034        8744          L     R15,TERMRTN         LOAD TERMINATION ROUTINE ADDRESS
001002 07FF                        8745          BR    R15                 AND GO TO IT
                                   8746 *
```

```
 LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                  8748 ************************************************************************
                                  8749 *                                                                      *
                                  8750 * IEFVPPDB                                                             *
                                  8751 * ********                                                             *
                                  8752 *                                                                      *
                                  8753 * THIS ROUTINE WILL PRODUCE A CONSOLE MESSAGE FOR TRACING IF THE       *
                                  8754 * "PPDEBUG" FLAG IS ON.                                                *
                                  8755 *                                                                      *
                                  8756 * INPUT:                                                               *
                                  8757 *        R14 = ADDRESS OF FOUR BYTE TRACE ID.                          *
                                  8758 *                                                                      *
                                  8759 * OUTPUT:                                                              *
                                  8760 *        MESSAGE CCC869I XXXX HAS BEEN ENCOUNTERED                     *
                                  8761 *        XXXX IS THE FOUR BYTE TRACE ID.                               *
                                  8762 *                                                                      *
                                  8763 * EXTERNALS:                                                           *
                                  8764 *        NONE.                                                         *
                                  8765 *                                                                      *
                                  8766 * EXIT:                                                                *
                                  8767 *        RETURN TO CALLER OF THIS ROUTINE TO FOUR AFTER REGISTER 14.   *
                                  8768 *                                                                      *
                                  8769 * SVC:                                                                 *
                                  8770 *        WTO (SVC 35)                                                  *
                                  8771 *                                                                      *
                                  8772 ************************************************************************
001004                            8774 IEFVPPDB DS    0H
001004 9180 60C3      000C3       8775          TM    PPMISC,PPDEBUG      SEE IF TRACING TURNED ON
001008 47E0 E004      00004       8776          BNO   4(,R14)             RETURN PAST GOODIE
                                  8777 *
00100C 90EC D00C      0000C       8778          STM   R14,R12,12(R13)     SAVE THE REGISTERS
001010 D228 63FC 76F8 003FC 016F8 8779          MVC   PPWTOWRK(PPDBWTOL),PPDBWTO  SET THE WTO
001016 D203 6408 E000 00408 00000 8780          MVC   PPWTOWRK+12(4),0(R14)   SET THE DEBUG CODE
                                  8781          WTO   MF=(E,PPWTOWRK)     SO THE TERRIBLE WTO
00101C 4110 63FC      003FC       8782+         LA    1,PPWTOWRK                        LOAD PARAMETER REG 1   01900002
001020 0A23                       8783+         SVC   35                                ISSUE SVC              01500002
001022 98EC D00C      0000C       8784          LM    R14,R12,12(R13)     RESTORE THE REGISTERS
001026 47F0 E004      00004       8785          B     4(,R14)             RETURN TO CALLER
                                  8786 *
                                  8787          DROP  R11,R7
                                  8788 *
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                   8790 ****************************** CONSTANTS ******************************
00102A 0000
00102C 0000007F                    8791 PPMSKCLR DC    A(X'7F')            TO CLEAR FLAG BIT IN INT TEXT COUNT
001030 E2E8E2D1D7D9D6C3            8792 PPSYSMAJ DC    CL8'SYSJPROC'       MAJOR PROCLIB ENQUEUE NAME
001038 C9C5C65CD7C4E2C9            8793 PPSYSDDN DC    CL8'IEF*PDSI'       SYSTEM PROCLIB DDNAME (FOR CONCAT)
001040 F0F1F2F3F4F5F6F7            8794 PPDDNSUF DC    C'0123456789ABCDEF' SUFFIX FOR ALLOCATING JOBPROC'S
001050 07D1D6C2D7D9D6C3            8795 PPJOBPRO DC    AL1(7),C'JOBPROC'   INT. TEXT DEF FOR DDNAME
                                   8796 *
                                   8797 ************************** EQUATES ***********************************
                          000FF    8798 PPALL    EQU   X'FF'               ALL BITS MASK
                          00080    8799 PPVLBIT  EQU   X'80'               PARMLIST VL
                          00BAD    8800 PPABEND  EQU   X'BAD'              INTERNAL ABEND CODE

                          00008    8802 PPASHR   EQU   X'08'               "DISP=SHR" PARM CODE

                                   8804 **********************SYSPROC KEYWORD VALUES **************************
001058 03E8C5E2                    8805 PPSYES   DC    AL1(3),C'YES'       INT TEXT FORM FOR SYSPROC=YES
00105C 02D5D6                      8806 PPSNO    DC    AL1(2),C'NO'        INT TEXT FORM FOR SYSPROC=NO

                                   8808 ************************* LITERALS ***********************************
001060                             8809 LITERALS LTORG ,                     FLUSH LITERALS
001060 D4E2E3D9D1C3D340            8810                =CL8'MSTRJCL'
001068 F3F3F3F0E5404040            8811                =CL8'3330V'
001070 E2C4C7F0F0404040            8812                =CL8'SDG00'
001078 E2C4C7F9F9404040            8813                =CL8'SDG99'
001080 00008000                    8814                =X'00008000'
001084 0000000C                    8815                =F'12'
001088 11111111                    8816                =X'11111111'
00108C FFFF                        8817                =X'FFFF'
00108E D4E2E3D1C3D3                8818                =C'MSTJCL'
001094 0001                        8819                =H'1'
001096 0001                        8820                =AL2(DALDDNAM)
001098 0001                        8821                =AL2(1)
00109A 0008                        8822                =H'8'
00109C 0002                        8823                =AL2(DALDSNAM)
00109E 0004                        8824                =AL2(DALSTATS)
0010A0 0010                        8825                =AL2(DALVLSER)
0010A2 0014                        8826                =AL2(DALVLRDS)
0010A4 0015                        8827                =AL2(DALUNIT)
0010A6 8000                        8828                =X'8000'
0010A8 0001                        8829                =AL2(DCCDDNAM)
0010AA 0001                        8830                =AL2(DDCDDNAM)
0010AC 0001                        8831                =AL2(DUNDDNAM)
0010AE 0438                        8832                =X'0438'
0010B0 6F6F6F6F6F6F                8833                =C'??????'
0010B6 0BAD                        8834                =AL2(PPABEND)
0010B8 0213                        8835                =X'0213'
0010BA 0004                        8836                =H'4'
0010BC 0024                        8837                =X'0024'



                                   8839 ********************** ESTAE CONSTANTS ***************************
0010BE C9C5C6E5C8F14040            8840 PPESRECP DC    CL8'IEFVH1',CL8'IEFVPP?',CL8'PPESTAEX'
0010D6 20D7D9C9E5C1E3C5            8841 PPESHDR  DC    AL1(32),CL32'PRIVATE PROCLIB ESTAE DUMP'
                                   8842 *
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

                                   8843 PPESDUMP SDUMP HDRAD=PPESHDR,      SVC DUMP PARAMETER LIST             X
                                                       SDATA=(SQA,PSA,RGN,TRT),                                X
                                                       MF=L
0010F8                             8844+PPESDUMP DS    0F                          SDUMP PARAMETER LIST        11300002
0010F8 12                          8845+         DC    AL1(18)                     FLAG BYTE                   11350002
0010F9 A0                          8846+         DC    AL1(160)                    FLAG BYTE                   11400002
0010FA 55                          8847+         DC    AL1(85)                     FLAG BYTE                   11450002
0010FB 00                          8848+         DC    AL1(0)                      FLAG BYTE                   11500002
0010FC 00000000                    8849+         DC    A(0)                        ADDRESS OF DCB              11800002
001100 00000000                    8850+         DC    A(0)                        ADDRESS OF STORAGE LIST     12300002
001104 000010D6                    8851+         DC    A(PPESHDR)                  ADDRESS OF USER DATA        12950002
001108 00000000                    8852+         DC    A(0)                        ADDRESS OF ECB              13200002
00110C 0000                        8853+         DC    AL2(0)                      CURRENT ASID                13250002
00110E 0000                        8854+         DC    AL2(0)                      OTHER ASID                  13300002
001110 00000000                    8855+         DC    A(0)                        ADDRESS OF ASID LIST        13322043
001114 00000000                    8856+         DC    A(0)                        ADDRESS OF SUMLIST          13346043
001118 00000000                    8857+         DC    A(0)                  RESERVED              @G33VPHD 13360043
00111C 00000000                    8858+         DC    A(0)                  RESERVED              @G33VPHD 13368043
                                   8859 *
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                ASM 0201 16.32 05/28/20

                                   8861 PPDCBPAT DCB   DDNAME=IEF*PDS0,                                      X
                                                       DSORG=PO,                                             X
                                                       MACRF=(R),                                            X
                                                       BUFNO=0,                                              X
                                                       BUFCB=0,                                              X
                                                       RECFM=FB,                                             X
                                                       LRECL=80


                                   8863+*                      DATA CONTROL BLOCK                         22770020
                                   8864+*                                                                 22860020
001120                             8865+PPDCBPAT DC    0F'0'                  ORIGIN ON WORD BOUNDARY      22914020

                                   8867+*                      DIRECT ACCESS DEVICE INTERFACE             27360020

001120 0000000000000000            8869+         DC    BL16'0'                  FDAD,DVTBL                  27540020
001130 00000000                    8870+         DC    A(0)                     KEYLE,DEVT,TRBAL            27720020

                                   8872+*                      COMMON ACCESS METHOD INTERFACE             48690020

001134 00                          8874+         DC    AL1(0)                 BUFNO                         49050020
001135 000000                      8875+         DC    AL3(0)                 BUFCB                         54720020
001138 0000                        8876+         DC    AL2(0)             BUFL                              55170020
00113A 0200                        8877+         DC    BL2'0000001000000000'                               *55800020
                                      +                                                 DSORG              55890020
00113C 00000001                    8878+         DC    A(1)                     IOBAD                       56340020

                                   8880+*                    FOUNDATION EXTENSION                         56610020

001140 00                          8882+         DC    BL1'00000000'                      BFTEK,BFLN,HIARCHY  59850020
001141 000001                      8883+         DC    AL3(1)                 EODAD                         65970020
001144 90                          8884+         DC    BL1'10010000'                                        *66150020
                                      +                                     RECFM                         66240020
001145 000000                      8885+         DC    AL3(0)                 EXLST                         66330020

                                   8887+*                    FOUNDATION BLOCK                             66690020

001148 C9C5C65CD7C4E2F0            8889+         DC    CL8'IEF*PDS0'          DDNAME                        66870020
001150 02                          8890+         DC    BL1'00000010'          OFLGS                         68220020
001151 00                          8891+         DC    BL1'00000000'                      IFLG              68310020
001152 2400                        8892+         DC    BL2'0010010000000000'                                *68400020
                                      +                                                                     *68490020
                                      +                                     MACR                          68580020

                                   8894+*                    BSAM-BPAM-QSAM INTERFACE                     74430020

001154 00                          8896+         DC    BL1'00000000'                                        *74610020
                                      +                                                             RER1  74700020
001155 000001                      8897+         DC    AL3(1)                 CHECK, GERR, PERR             74790020
001158 00000001                    8898+         DC    A(1)                   SYNAD                         74880020
00115C 0000                        8899+         DC    H'0'                   CIND1, CIND2                  74970020
00115E 0000                        8900+         DC    AL2(0)                 BLKSIZE                       75240020
001160 00000000                    8901+         DC    F'0'                   WCPO, WCPL, OFFSR, OFFSW      75870020
001164 00000001                    8902+         DC    A(1)                   IOBA                          75960020
001168 00                          8903+         DC    AL1(0)                 NCP                           76050020
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

001169 000001                    8904+         DC    AL3(1)                  EOBR, EOBAD                      76140020

                                 8906+*                        BSAM-BPAM INTERFACE                            76410020

00116C 00000001                  8908+         DC    A(1)                    EOBW                             76590020
001170 0000                      8909+         DC    H'0'                    DIRCT                            78210020
001172 0050                      8910+         DC    AL2(80)          LRECL                                   80730020
001174 00000001                  8911+         DC    A(1)                    CNTRL, NOTE, POINT               78480020
                          00058  8912 PPDCBPTL EQU   *-PPDCBPAT          PATTERN DCB LENGTH

                                 8914 PPESTAEM ESTAE *-*,CT,             ESTABLISH PRIVATE PROCLIB          X
                                               TERM=YES,                  ERROR                             X
                                               PARAM=*-*,                  RECOVERY                         X
                                               MF=L                         ENVIRONMMENT
                                 8915+*    MACDATE Y-1 75302                                                00160004
001178                           8916+         DS    0F                                                       00400000
001178 16                        8917+PPESTAEM DC    AL1(22)                   FLAGS FOR TCB,PURGE,ASYNCH     00450004
001179 000000                    8918+         DC    AL3(*-*)                  STAE EXIT ROUTINE ADDR.        00750004
00117C 00000000                  8919+         DC    A(*-*)                    STAE EXIT PARM. LIST ADDR.     00800004
001180 00000000                  8920+         DC    A(0)                      TCB NOT SPECIFIED              00850004
001184 40                        8921+         DC    AL1(64)                   FLAGS                          00870004
001185 000000                    8922+         DC    AL3(0)                    RESERVED                       00910002
                          00010  8923 PPESTAEL EQU   *-PPESTAEM          LTH OF ESTAE PARM LIST

                                 8925 PPCAMLST CAMLST NAME,*-*,,*-*      BUILD LOCATE PARM LIST
001188                           8926+PPCAMLST DS    0F                                ALIGN ON FULL WORD     00349401
001188 44                        8927+         DC    AL1(68)                           THREE BYTES OF FLAGS   00349501
001189 00                        8928+         DC    AL1(0)                            INDICATING THE FUNC-   00349601
00118A 00                        8929+         DC    AL1(0)                            TION TO BE PERFORMED   00399601
00118B 00                        8930+         DC    AL1(0)                            NO OPTION THREE        00419601
00118C 00000000                  8931+         DC    A(*-*)                            PARAMETER TWO          00441601
001190 00000000                  8932+         DC    A(0)                              PARAM. THREE OMMITTED  00445601
001194 00000000                  8933+         DC    A(*-*)                            PARAMETER FOUR         00448801
                                 8934 *
                          00010  8935 PPLOCPL  EQU   *-PPCAMLST          PARM LIST LENGTH
                                 8936 *
                                 8937 PPENQLST ENQ   (PPSYSMAJ,*-*,E,8,STEP),RET=HAVE,MF=L
001198                           8938+         DS    0F                      ESTABLISH A FULLWORD BOUNBARY  03700002
                          01198  8939+PPENQLST EQU   *                                          X02113 05150002
001198 C0                        8940+         DC    AL1(192)                LISTEND BYTE             X02113 07000002
001199 08                        8941+         DC    AL1(8)                  RNAME LENGTH                    07350002
00119A 01                        8942+         DC    BL1'00000001'                                 OPTIONS  07800002
00119B 00                        8943+         DC    AL1(0)                  RETURN CODE FIELD               07850002
00119C 00001030                  8944+         DC    A(PPSYSMAJ)             QNAME ADDRESS                   08100002
0011A0 00000000                  8945+         DC    A(*-*)                  RNAME ADDRESS                   08700002
                                 8946 *
                          0000C  8947 PPENQPL  EQU   *-PPENQLST          ENQUEUE LIST LENGTH
                                 8948 *
```

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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

0011A4 40E2E3D4E340D5D6            8950 PPMHEAD1 DC    CL17' STMT NO. MESSAGE'  JCL MESSAGES
0011B5 6040404040404040            8951 PPMHEAD2 DC    CL17'-'                   HEADERS



                                   8953       IEFVPPMS 800I,                                          X
                                                       'SYNTAX ERROR IN JOBPROC DD STATEMENT'
0011C6 00                          8954+MSG800I  DC    AL1(0)              RESERVED
0011C7 2C                          8955+         DC    AL1(44)             LENGTH OF MESSAGE TEXT
0011C8 C4E8D7F8F0F0C940            8956+         DC    CL8'DYP800I'        EXTERNAL MESSAGE IDENTIFICATION
0011D0 E2E8D5E3C1E740C5            8957+         DC    C'SYNTAX ERROR IN JOBPROC DD STATEMENT'



                                   8959       IEFVPPMS 801I,                                          X
                                                       'ILLEGAL USE OF "SYSPROC" OPTION'
0011F4 00                          8960+MSG801I  DC    AL1(0)              RESERVED
0011F5 27                          8961+         DC    AL1(39)             LENGTH OF MESSAGE TEXT
0011F6 C4E8D7F8F0F1C940            8962+         DC    CL8'DYP801I'        EXTERNAL MESSAGE IDENTIFICATION
0011FE C9D3D3C5C7C1D340            8963+         DC    C'ILLEGAL USE OF "SYSPROC" OPTION'


                                   8965       IEFVPPMS 802I,                                          X
                                                       'JOBPROC DATA SET NAME NOT SPECIFIED'
00121D 00                          8966+MSG802I  DC    AL1(0)              RESERVED
00121E 2B                          8967+         DC    AL1(43)             LENGTH OF MESSAGE TEXT
00121F C4E8D7F8F0F2C940            8968+         DC    CL8'DYP802I'        EXTERNAL MESSAGE IDENTIFICATION
001227 D1D6C2D7D9D6C340            8969+         DC    C'JOBPROC DATA SET NAME NOT SPECIFIED'



                                   8971       IEFVPPMS 803I,                                          X
                                                       'DATA SET NAME NOT SPECIFIABLE FOR JOBPROC'
00124A 00                          8972+MSG803I  DC    AL1(0)              RESERVED
00124B 31                          8973+         DC    AL1(49)             LENGTH OF MESSAGE TEXT
00124C C4E8D7F8F0F3C940            8974+         DC    CL8'DYP803I'        EXTERNAL MESSAGE IDENTIFICATION
001254 C4C1E3C140E2C5E3            8975+         DC    C'DATA SET NAME NOT SPECIFIABLE FOR JOBPROC'



                                   8977       IEFVPPMS 804I,                                          X
                                                       'JOBPROC CONCATENATION LIMIT EXCEEDED'
00127D 00                          8978+MSG804I  DC    AL1(0)              RESERVED
00127E 2C                          8979+         DC    AL1(44)             LENGTH OF MESSAGE TEXT
00127F C4E8D7F8F0F4C940            8980+         DC    CL8'DYP804I'        EXTERNAL MESSAGE IDENTIFICATION
001287 D1D6C2D7D9D6C340            8981+         DC    C'JOBPROC CONCATENATION LIMIT EXCEEDED'


                                   8983       IEFVPPMS 805I,                                          X
                                                       'JOBPROC DATA SET NOT FOUND IN CATALOG'
0012AB 00                          8984+MSG805I  DC    AL1(0)              RESERVED
0012AC 2D                          8985+         DC    AL1(45)             LENGTH OF MESSAGE TEXT
0012AD C4E8D7F8F0F5C940            8986+         DC    CL8'DYP805I'        EXTERNAL MESSAGE IDENTIFICATION
0012B5 D1D6C2D7D9D6C340            8987+         DC    C'JOBPROC DATA SET NOT FOUND IN CATALOG'



                                   8989       IEFVPPMS 806I,                                          X
                                                       'VOLUME CONTAINING JOBPROC DATA SET NOT MOUNTED'
0012DA 00                          8990+MSG806I  DC    AL1(0)              RESERVED
```

```
0012DB 36                          8991+         DC    AL1(54)              LENGTH OF MESSAGE TEXT
0012DC C4E8D7F8F0F6C940            8992+         DC    CL8'DYP806I'         EXTERNAL MESSAGE IDENTIFICATION
0012E4 E5D6D3E4D4C540C3            8993+         DC    C'VOLUME CONTAINING JOBPROC DATA SET NOT MOUNTED'

                                   8995 PPVOLNMT WTO   '&MSGPFX.806I JOBPROC VOLUME XXXXXX NOT MOUNTED',       X
                                                       ROUTCDE=(2,4,6),DESC=6,MF=L
001314                             8996+PPVOLNMT DS    0F                                                       01800002
001314 002D                        8997+         DC    AL2(45)              TEXT LENGTH                         13200002
001316 8000                        8998+         DC    B'1000000000000000' MCS FLAGS                            13250002
001318 C4E8D7F8F0F6C940            8999+         DC    C'DYP806I JOBPROC VOLUME XXXXXX NOT MOUNTED'             13350002
001341 0400                        9000+         DC    B'0000010000000000' DESCRIPTOR CODES                     13450002
001343 5400                        9001+         DC    B'0101010000000000' ROUTING CODES                        13500002
                          00031    9002 PPVOLNML EQU   *-PPVOLNMT           MESSAGE LENGTH
                          0001B    9003 PPVOLNMS EQU   27                   OFFSET TO VOLUME INSERT

                                   9005       IEFVPPMS 807I,                                                   X
                                                       'JOBPROC DATA SET NOT ON VOLUME'
001345 00                          9006+MSG807I  DC    AL1(0)               RESERVED
001346 26                          9007+         DC    AL1(38)              LENGTH OF MESSAGE TEXT
001347 C4E8D7F8F0F7C940            9008+         DC    CL8'DYP807I'         EXTERNAL MESSAGE IDENTIFICATION
00134F D1D6C2D7D9D6C340            9009+         DC    C'JOBPROC DATA SET NOT ON VOLUME'

                                   9011       IEFVPPMS 808I,                                                   X
                                                       'JOBPROC ALLOCATION FAILED'
00136D 00                          9012+MSG808I  DC    AL1(0)               RESERVED
00136E 21                          9013+         DC    AL1(33)              LENGTH OF MESSAGE TEXT
00136F C4E8D7F8F0F8C940            9014+         DC    CL8'DYP808I'         EXTERNAL MESSAGE IDENTIFICATION
001377 D1D6C2D7D9D6C340            9015+         DC    C'JOBPROC ALLOCATION FAILED'

                                   9017       IEFVPPMS 809I,                                                   X
                                                       'JOBPROC CONCATENATION FAILED'
001390 00                          9018+MSG809I  DC    AL1(0)               RESERVED
001391 24                          9019+         DC    AL1(36)              LENGTH OF MESSAGE TEXT
001392 C4E8D7F8F0F9C940            9020+         DC    CL8'DYP809I'         EXTERNAL MESSAGE IDENTIFICATION
00139A D1D6C2D7D9D6C340            9021+         DC    C'JOBPROC CONCATENATION FAILED'

                                   9023       IEFVPPMS 810I,                                                   X
                                                       'INSUFFICIENT STORAGE AVAILABLE TO ALLOCATE JOBPROC BUFFX
                                                       ER'
0013B6 00                          9024+MSG810I  DC    AL1(0)               RESERVED
0013B7 41                          9025+         DC    AL1(65)              LENGTH OF MESSAGE TEXT
0013B8 C4E8D7F8F1F0C940            9026+         DC    CL8'DYP810I'         EXTERNAL MESSAGE IDENTIFICATION
0013C0 C9D5E2E4C6C6C9C3            9027+         DC    C'INSUFFICIENT STORAGE AVAILABLE TO ALLOCATE JOBPROC BUFX
0013C8 C9C5D5E340E2E3D6               +                FER'

                                   9029       IEFVPPMS 811I,                                                   X
                                                       'VOLUME OR DEVICE TYPE NOT ALLOWED FOR JOBPROC USAGE'
0013F9 00                          9030+MSG811I  DC    AL1(0)               RESERVED
0013FA 3B                          9031+         DC    AL1(59)              LENGTH OF MESSAGE TEXT
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  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                          ASM 0201 16.32 05/28/20

0013FB C4E8D7F8F1F1C940            9032+         DC    CL8'DYP811I'        EXTERNAL MESSAGE IDENTIFICATION
001403 E5D6D3E4D4C540D6            9033+         DC    C'VOLUME OR DEVICE TYPE NOT ALLOWED FOR JOBPROC USAGE'



                                   9035       IEFVPPMS 812I,                                                 X
                                                       'JOBPROC OPEN FAILED'
001436 00                          9036+MSG812I  DC    AL1(0)              RESERVED
001437 1B                          9037+         DC    AL1(27)             LENGTH OF MESSAGE TEXT
001438 C4E8D7F8F1F2C940            9038+         DC    CL8'DYP812I'        EXTERNAL MESSAGE IDENTIFICATION
001440 D1D6C2D7D9D6C340            9039+         DC    C'JOBPROC OPEN FAILED'



                                   9041       IEFVPPMS 813I,                                                 X
                                                       'JOBPROC DATA SET NOT AVAILABLE UNDER REQUESTED DISPOSITX
                                                       ION'
001453 00                          9042+MSG813I  DC    AL1(0)              RESERVED
001454 42                          9043+         DC    AL1(66)             LENGTH OF MESSAGE TEXT
001455 C4E8D7F8F1F3C940            9044+         DC    CL8'DYP813I'        EXTERNAL MESSAGE IDENTIFICATION
00145D D1D6C2D7D9D6C340            9045+         DC    C'JOBPROC DATA SET NOT AVAILABLE UNDER REQUESTED DISPOSIX
001465 C4C1E3C140E2C5E3                +                TION'



                                   9047       IEFVPPMS 814I,                                                 X
                                                       'JOBPROC DATA SET HAS INCORRECT UNIT SPECIFICATION'
001497 00                          9048+MSG814I  DC    AL1(0)              RESERVED
001498 39                          9049+         DC    AL1(57)             LENGTH OF MESSAGE TEXT
001499 C4E8D7F8F1F4C940            9050+         DC    CL8'DYP814I'        EXTERNAL MESSAGE IDENTIFICATION
0014A1 D1D6C2D7D9D6C340            9051+         DC    C'JOBPROC DATA SET HAS INCORRECT UNIT SPECIFICATION'



                                   9053       IEFVPPMS 815I,                                                 X
                                                       'CATALOG VOLUME REQUIRED FOR JOBPROC PROCESSING IS NOT MX
                                                       OUNTED'
0014D2 00                          9054+MSG815I  DC    AL1(0)              RESERVED
0014D3 45                          9055+         DC    AL1(69)             LENGTH OF MESSAGE TEXT
0014D4 C4E8D7F8F1F5C940            9056+         DC    CL8'DYP815I'        EXTERNAL MESSAGE IDENTIFICATION
0014DC C3C1E3C1D3D6C740            9057+         DC    C'CATALOG VOLUME REQUIRED FOR JOBPROC PROCESSING IS NOT X
0014E4 E5D6D3E4D4C540D9                +                MOUNTED'



                                   9059 PPCVLNMT WTO   '&MSGPFX.815I JOBPROC CATALOG VOLUME NOT MOUNTED',      X
                                                       ROUTCDE=(2,4,6),DESC=6,MF=L
00151C                             9060+PPCVLNMT DS    0F                                                      01800002
00151C 002E                        9061+         DC    AL2(46)             TEXT LENGTH                         13200002
00151E 8000                        9062+         DC    B'1000000000000000' MCS FLAGS                           13250002
001520 C4E8D7F8F1F5C940            9063+         DC    C'DYP815I JOBPROC CATALOG VOLUME NOT MOUNTED'           13350002
00154A 0400                        9064+         DC    B'0000010000000000' DESCRIPTOR CODES                    13450002
00154C 5400                        9065+         DC    B'0101010000000000' ROUTING CODES                       13500002
                          00032    9066 PPCVLNML EQU   *-PPCVLNMT          MESSAGE LENGTH



                                   9068       IEFVPPMS 816I,                                                 X
                                                       'JOBPROC DE-CONCATENATION FAILED'
00154E 00                          9069+MSG816I  DC    AL1(0)              RESERVED
00154F 27                          9070+         DC    AL1(39)             LENGTH OF MESSAGE TEXT
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                        ASM 0201 16.32 05/28/20

001550 C4E8D7F8F1F6C940           9071+         DC    CL8'DYP816I'        EXTERNAL MESSAGE IDENTIFICATION
001558 D1D6C2D7D9D6C340           9072+         DC    C'JOBPROC DE-CONCATENATION FAILED'


                                  9074 PPDECON1 WTO   '&MSGPFX.816I JOBPROC DE-CONCATENATION FAILED',         X
                                                      ROUTCDE=1,DESC=1,MF=L
001578                            9075+PPDECON1 DS    0F                                                      01800002
001578 002B                       9076+         DC    AL2(43)             TEXT LENGTH                         13200002
00157A 8000                       9077+         DC    B'1000000000000000' MCS FLAGS                           13250002
00157C C4E8D7F8F1F6C940           9078+         DC    C'DYP816I JOBPROC DE-CONCATENATION FAILED'              13350002
0015A3 8000                       9079+         DC    B'1000000000000000' DESCRIPTOR CODES                    13450002
0015A5 8000                       9080+         DC    B'1000000000000000' ROUTING CODES                       13500002


                                  9082       IEFVPPMS 817I,                                                   X
                                                      'JOBPROC DE-ALLOCATION FAILED'
0015A7 00                         9083+MSG817I  DC    AL1(0)              RESERVED
0015A8 24                         9084+         DC    AL1(36)             LENGTH OF MESSAGE TEXT
0015A9 C4E8D7F8F1F7C940           9085+         DC    CL8'DYP817I'        EXTERNAL MESSAGE IDENTIFICATION
0015B1 D1D6C2D7D9D6C340           9086+         DC    C'JOBPROC DE-ALLOCATION FAILED'


                                  9088 PPDEALC1 WTO   '&MSGPFX.817I JOBPROC DE-ALLOCATION FAILED',           X
                                                      ROUTCDE=1,DESC=1,MF=L
0015D0                            9089+PPDEALC1 DS    0F                                                      01800002
0015D0 0028                       9090+         DC    AL2(40)             TEXT LENGTH                         13200002
0015D2 8000                       9091+         DC    B'1000000000000000' MCS FLAGS                           13250002
0015D4 C4E8D7F8F1F7C940           9092+         DC    C'DYP817I JOBPROC DE-ALLOCATION FAILED'                 13350002
0015F8 8000                       9093+         DC    B'1000000000000000' DESCRIPTOR CODES                    13450002
0015FA 8000                       9094+         DC    B'1000000000000000' ROUTING CODES                       13500002


                                  9096       IEFVPPMS 836I,                                                   X
                                                      'MISPLACED JOBPROC STATEMENT'
0015FC 00                         9097+MSG836I  DC    AL1(0)              RESERVED
0015FD 23                         9098+         DC    AL1(35)             LENGTH OF MESSAGE TEXT
0015FE C4E8D7F8F3F6C940           9099+         DC    CL8'DYP836I'        EXTERNAL MESSAGE IDENTIFICATION
001606 D4C9E2D7D3C1C3C5           9100+         DC    C'MISPLACED JOBPROC STATEMENT'


                                  9102       IEFVPPMS 842I,                                                   X
                                                      'EXCESSIVE PARAMETER LENGTH IN THE SYSPROC FIELD'
001621 00                         9103+MSG842I  DC    AL1(0)              RESERVED
001622 37                         9104+         DC    AL1(55)             LENGTH OF MESSAGE TEXT
001623 C4E8D7F8F4F2C940           9105+         DC    CL8'DYP842I'        EXTERNAL MESSAGE IDENTIFICATION
00162B C5E7C3C5E2E2C9E5           9106+         DC    C'EXCESSIVE PARAMETER LENGTH IN THE SYSPROC FIELD'


                                  9108       IEFVPPMS 843I,                                                   X
                                                      'UNIDENTIFIED POSITIONAL PARAMETER IN THE SYSPROC FIELD'
00165A 00                         9109+MSG843I  DC    AL1(0)              RESERVED
00165B 3E                         9110+         DC    AL1(62)             LENGTH OF MESSAGE TEXT
00165C C4E8D7F8F4F3C940           9111+         DC    CL8'DYP843I'        EXTERNAL MESSAGE IDENTIFICATION
001664 E4D5C9C4C5D5E3C9           9112+         DC    C'UNIDENTIFIED POSITIONAL PARAMETER IN THE SYSPROC FIELDX
00166C C6C9C5C440D7D6E2              +                '
```

```
  LOC  OBJECT CODE    ADDR1 ADDR2  STMT   SOURCE STATEMENT                                    ASM 0201 16.32 05/28/20

                                   9114 PPENQWTO WTO   '&MSGPFX.851I TOO MANY CONVERTERS RUNNING',            X
                                                       ROUTCDE=2,DESC=2,MF=L
00169C                             9115+PPENQWTO DS    0F                                                    01800002
00169C 0027                        9116+         DC    AL2(39)             TEXT LENGTH                       13200002
00169E 8000                        9117+         DC    B'1000000000000000' MCS FLAGS                         13250002
0016A0 C4E8D7F8F5F1C940            9118+         DC    C'DYP851I TOO MANY CONVERTERS RUNNING'                13350002
0016C3 4000                        9119+         DC    B'0100000000000000' DESCRIPTOR CODES                  13450002
0016C5 4000                        9120+         DC    B'0100000000000000' ROUTING CODES                     13500002


                                   9122 PPSYSWTO WTO   '&MSGPFX.852I SYSPROC LIBRARIES UNAVAILABLE',          X
                                                       ROUTCDE=2,DESC=6,MF=L
0016C8                             9123+PPSYSWTO DS    0F                                                    01800002
0016C8 0029                        9124+         DC    AL2(41)             TEXT LENGTH                       13200002
0016CA 8000                        9125+         DC    B'1000000000000000' MCS FLAGS                         13250002
0016CC C4E8D7F8F5F2C940            9126+         DC    C'DYP852I SYSPROC LIBRARIES UNAVAILABLE'              13350002
0016F1 0400                        9127+         DC    B'0000010000000000' DESCRIPTOR CODES                  13450002
0016F3 4000                        9128+         DC    B'0100000000000000' ROUTING CODES                     13500002


                                   9130 PPDBWTO  WTO   '&MSGPFX.869I **** HAS BEEN ENCOUNTERED',            X
                                                       ROUTCDE=2,DESC=6,MF=L
0016F8                             9131+PPDBWTO  DS    0F                                                    01800002
0016F8 0025                        9132+         DC    AL2(37)             TEXT LENGTH                       13200002
0016FA 8000                        9133+         DC    B'1000000000000000' MCS FLAGS                         13250002
0016FC C4E8D7F8F6F9C940            9134+         DC    C'DYP869I **** HAS BEEN ENCOUNTERED'                  13350002
00171D 0400                        9135+         DC    B'0000010000000000' DESCRIPTOR CODES                  13450002
00171F 4000                        9136+         DC    B'0100000000000000' ROUTING CODES                     13500002
                          00029    9137 PPDBWTOL EQU   *-PPDBWTO


                                   9139 *
                                   9140          END
```

ASM 0201 16.32 05/28/20

POS.ID	REL.ID	FLAGS	ADDRESS
0001	0001	0C	0002CC
0001	0001	0C	0002D0
0001	0001	0C	0002D4
0001	0001	0C	0002D8
0001	0001	0C	0002DC
0001	0001	0C	0002E0
0001	0001	0C	0002E4
0001	0001	0C	000CF0
0001	0001	0C	000D24
0001	0001	0C	000EF4
0001	0001	0C	001104
0001	0001	0C	00119C
0001	0002	1C	000084
0001	0002	1C	000344
0001	0002	1C	000764
0001	0002	1C	000998
0001	0003	1C	0002C8

SYMBOL LEN VALUE DEFN REFERENCES ASM 0201 16.32 05/28/20

```
AMPSW    00001 00000008 06042  06050
AOEPWORK 00004 00000050 05781  08662 08663 08664
AOIOERR  00001 00000010 05835  08737
AOKSCHSA 00004 000002A4 05967  05968
AOKSRPRM 00003 00000307 05981  05982 05983 05984
AOSW1    00001 00000169 05830  08737
AOSW4    00001 0000016A 05840  08743
ASCB     00001 00000000 03388  06995
ASCBASID 00002 00000024 03408  06995
BIT0     00001 00000080 00761  00776 00789 00840 00856 00910 00938
BIT1     00001 00000040 00762  00777 00790 00841 00857 00911 00939
BIT2     00001 00000020 00763  00778 00799 00843 00858 00912 00941
BIT3     00001 00000010 00764  00779 00804 00845 00859 00913 00943
BIT4     00001 00000008 00765  00780 00805 00846 00860 00914 00945
BIT5     00001 00000004 00766  00781 00807 00847 00861 00915 00947
BIT6     00001 00000002 00767  00782 00808 00848 00862 00916 00948
BIT7     00001 00000001 00768  00784 00811 00850 00863 00917 00950
COMWA    00001 00000000 05732  05733 05886 06090 06743
COMWAEND 00001 00000174 05885  05886
CVRWA    00004 00000174 05917  06089
CVRWAEND 00001 000003A4 06088  06089 06090
CWACONID 00004 00000008 05759  05760
CWAID    00004 00000004 05757  05758 08513
CWAJMRPT 00004 00000280 05956  08419
CWAL     00004 00000000 05755  05756
CWAMCSCA 00002 0000015A 05815  05816 05817
CWAMSLEN 00001 00000168 05825  05826
CWARET   00002 00000158 05813  05814 08742
CWATERM  00001 00000001 05841  08743
DALCVOLE 00001 0000003C 08432  08271
DALDDNAM 00001 00000001 01425  08820
DALDSNAM 00001 00000002 01426  08823
DALDSNEX 00001 0000000C 08426  08259
DALDSNNA 00001 00000010 08427  08261
DALRNOTA 00001 00000002 08425  08257
DALSTATS 00001 00000004 01428  08824
DALUNIT  00001 00000015 01445  08827
DALUNITE 00001 00000014 08428  08263
DALUNITI 00001 0000001C 08430  08265
DALVLRDS 00001 00000014 01444  08826
DALVLSER 00001 00000010 01440  08825
DALVOLNA 00001 00000020 08431  08269
DALVOLNM 00001 00000018 08429  08267
DCBBIT0  00001 00000080 01864  01950 01958 01970 01993 02020 02022 02023 02025 02048 02051 02071 02075 02090 02127 02182
                               02206 02245 02249 02262
DCBBIT1  00001 00000040 01865  01951 01959 01972 01994 01995 02004 02020 02022 02024 02025 02053 02071 02073 02075 02093
                               02094 02095 02130 02131 02182 02208 02251 02253 02265 02309
DCBBIT2  00001 00000020 01866  01952 01960 01973 01974 01975 01994 01995 01999 02005 02020 02021 02026 02055 02076 02077
                               02098 02099 02100 02134 02135 02183 02213 02254 02270 02312 02315
DCBBIT3  00001 00000010 01867  01953 01973 01975 01976 01994 02007 02027 02058 02076 02079 02102 02103 02104 02138 02139
                               02183 02215 02218 02220 02256 02271 02312 02316
DCBBIT4  00001 00000008 01868  01961 02008 02028 02059 02081 02086 02087 02107 02108 02142 02143 02145 02146 02184 02223
                               02272 02312 02317
DCBBIT5  00001 00000004 01869  01962 02009 02031 02032 02061 02081 02083 02084 02087 02111 02113 02114 02115 02149 02150
                               02151 02152 02184 02225 02228 02258 02274 02307
```

SYMBOL LEN VALUE DEFN REFERENCES ASM 0201 16.32 05/28/20

```
DCBBIT6  00001 00000002 01870  01954 02010 02011 02014 02031 02033 02062 02118 02119 02120 02121 02155 02156 02157 02158
                               02185 02231 02276 02318
DCBBIT7  00001 00000001 01871  01955 02010 02012 02014 02035 02066 02123 02124 02161 02162 02164 02165 02234 02260 02277
                               02320
DCBBLKSI 00002 0000003E 02279  07791 07794 07796 07796 07947
DCBDDNAM 00008 00000028 02045  06230
DCBEODAD 00004 00000020 01989  07819 07819 07958 07958
DCBFDAD  00008 00000005 01891  01894
DCBOFLGS 00001 00000030 02047  07782
DCBOFOPN 00001 00000010 02058  07782
DCBPOINT 00004 00000054 02347  07818 07818 07961 07961
DCBREAD  00004 00000030 02189  07817 07817 07960 07960
DCBSYNAD 00004 00000038 02239  07820 07820 07959 07959
DCCDDNAM 00001 00000001 01528  08829
DDCDDNAM 00001 00000001 01535  08830
DDSW     00001 00000002 06068  07078
DFBUFS   00004 00000018 01823  01837
DFCPPLP  00004 00000010 01792  06897 06897
DFDSECTD 00001 00000000 01773  06886
DFIDP    00004 0000000C 01789  06895 06896
DFJEFF02 00004 00000008 01783  06892
DFPARMS  00001 00000000 01775  01797
DFRCP    00004 00000004 01780  06890
DFS99RBP 00004 00000000 01776  01778 06888
DFWTP    00001 00000080 01808  06900
DSNAMEK  00001 0000004A 06531  07316
DUNDDNAM 00001 00000001 01574  08831
ENDK     00001 000000FE 06711  07290
EXECSW   00001 00000004 06067  07087
FBFLUSH  00001 00000010 06040  06050
FBLITRL  00001 00000004 06044  06050
FLCEICOD 00002 00000086 02976  02977
FLCENPSW 00004 00000058 02955  02957
FLCEOPSW 00008 00000018 02938  02939
FLCINPSW 00004 00000078 02968  02970
FLCIOPSW 00008 00000038 02946  02947
FLCIPPSW 00008 00000000 02929  02932
FLCMNPSW 00004 00000070 02964  02967
FLCMOPSW 00008 00000030 02944  02945
FLCPICOD 00002 0000008E 02996  02997
FLCPIILC 00001 0000008D 02990  02995
FLCPNPSW 00004 00000068 02961  02963
FLCPOPSW 00008 00000028 02942  02943
FLCSNPSW 00004 00000060 02958  02960
FLCSOPSW 00008 00000020 02940  02941
FLCSVCN  00002 0000008A 02986  02987
FLCSVILC 00001 00000089 02981  02985
FLCTIMER 00004 00000050 02952  02953
FPRNSW   00001 00000002 06046  06050
IEFVPP   00001 00000000 06726  06805 07201 07644 07899 08562 08619
IEFVPPDB 00002 00001004 08774  06931 06956 06962 07012 07273 07495 07522 07573 07682 07757 07786 07824 07841 07936 07974
                               07984 07997
IEFVPPM  00002 00000EF8 08651  06734 07040 07571 07839 08411
IEFVPP0  00002 0000004E 06798  06728 07034
IEFVPP1  00002 00000316 07194  06729 07035
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SYMBOL	LEN	VALUE	DEFN	REFERENCES
IEFVPP2	00002	00000736	07637	06730 07036
IEFVPP3	00002	0000096A	07892	06731 07037
IEFVPP4	00002	000002E8	07076	06732 07038
IEFVPP5	00002	00000DB4	08464	06733 07039
IFGRPL	00001	00000000	01046	08712
IHADCB	00001	00000000	01847	01932 01979 02044 02173 02188 02201 02297 02303 02330 06230 07782 07791 07793 07796 07817 07818 07819 07820 07947 07957 07958 07959 07960 07961
IHB0061F	00001	000008F0	07801	07806
IWAINTS4	00004	0000017C	05923	05924 07813 07814 07946 07953
IWAIOSA	00004	00000058	05782	05783 05784 08726
IWASACHN	00004	0000005C	05783	08725 08735
JHS	00001	00000040	06013	07085
JMR	00001	00000000	00650	00706 08420
JMRINDC	00001	0000001D	00694	08420
JMRJOB	00008	00000000	00684	00691
JMRJOBP	00004	00000040	00731	00734
JMRLGEND	00001	0000001D	00690	00691
JPROCSTR	00001	00000080	06444	07277
JTXJOBFL	00001	00000004	06365	08534 08653
JTXMHEDR	00001	00000020	06368	08686 08688
LOCATE	00001	00000017	08423	08253
MSG800I	00001	000011C6	08954	07535
MSG801I	00001	000011F4	08960	07539
MSG802I	00001	0000121D	08966	07543
MSG803I	00001	0000124A	08972	07547
MSG804I	00001	0000127D	08978	07551
MSG805I	00001	000012AB	08984	08303
MSG806I	00001	000012DA	08990	08308
MSG807I	00001	00001345	09006	07779 08343
MSG808I	00001	0000136D	09012	08359
MSG809I	00001	00001390	09018	08371
MSG810I	00001	000013B6	09024	07836
MSG811I	00001	000013F9	09030	07555 08337
MSG812I	00001	00001436	09036	07832
MSG813I	00001	00001453	09042	08375
MSG814I	00001	00001497	09048	08379
MSG815I	00001	000014D2	09054	08385
MSG816I	00001	0000154E	09069	08391
MSG836I	00001	000015FC	09097	07559
MSG842I	00001	00001621	09103	07563
MSG843I	00001	0000165A	09109	07567
NEL	00001	00000000	00502	08721
NELEXEP	00006	00000044	00627	00628
NELMSGCB	00004	00000010	00566	08722
OBTAIN	00001	00000067	08424	08255
OVKEYSW	00001	00000080	06034	06050
PDCBP	00004	00000174	05921	07792 07821 07822 07963
PPABEND	00001	00000BAD	08800	08402 08834
PPADAOK	00004	00000678	07487	07483
PPAENDTL	00004	00000658	07475	07468
PPALL	00001	000000FF	08798	07256 07349 07481 07747 07774 07775 07778 07939 07952 07972 07990 08014 08097 08139 08194 08200 08595 08702
PPALLOC1	00004	000000BB	06148	06959 07009 07491 07493 08124 08127 08150 08150
PPASHR	00001	00000008	08802	07270
PPASUNIT	00004	00000638	07467	07460

```
SYMBOL    LEN   VALUE   DEFN    REFERENCES
PPASVREF 00004 00000618 07459  07452
PPATIOLP 00004 0000069E 07502  07508
PPATIOTF 00004 000006BA 07510  07505
PPBASE   00004 00000EF4 08619  06802 07198 07641 07896 08559
PPBUFAD  00004 000000D8 06176  07811 07814 07815
PPBUFGOT 00001 00000004 06137  07812 07944 07952
PPCAMLST 00004 00001188 08926  06902 08935
PPCANCEL 00004 000002BE 07025  07025
PPCLNNOC 00006 00000218 06959  06951 06953
PPCLNUP  00004 000001F6 06948  06943
PPCLOSE  00002 00000A1C 07955  07945
PPCNSYSP 00004 00000856 07741  07733 07735
PPCONCAT 00004 000007EC 07709  07703
PPCONCD  00001 00000001 06139  07755 07980 07990
PPCONCDK 00002 00000202 06266  07714 08084
PPCONCJP 00001 00000010 06135  07262 07342 07702
PPCSETCI 00004 00000876 07755  07749
PPCTUBLD 00006 00000818 07725  07730
PPCVLNML 00001 00000032 09066  08384
PPCVLNMT 00004 0000151C 09060  08384 09066
PPDAARGL 00004 0000013C 06232  06875 06876 07476 07742 08092 08134
PPDACODE 00001 00000002 06128  07477 07481 07743 07747 08093 08097 08135 08139
PPDADDNM 00006 00000B48 08119  08146
PPDADEQ  00006 00000A92 08000  07934 07993
PPDAERRA 00004 00000BD8 08244  07484 07750 08100 08144
PPDAERRC 00004 00000C3C 08278  08252
PPDAERRM 00004 00000D94 08411  08304 08340 08344 08360 08372 08376 08380 08386 08392
PPDAERRR 00004 00000C58 08293  08285
PPDALLOC 00002 00000A78 07989  07981
PPDANEXT 00004 00000B9C 08146  08130 08142
PPDARB   00020 00000140 06233  06873 06877 06877 06877 06878 06887 07421 07709 08079 08106 08244
PPDATEST 00004 00000BB4 08153  08129
PPDATXTL 00004 00000154 06234  06882 07424 07712 08082 08109
PPDBWTO  00004 000016F8 09131  08779 09137
PPDBWTOL 00001 00000029 09137  08779
PPDCB    00004 000000E4 06183  06230 06289 06871 07768 07782 07791 07796 07817 07818 07819 07820 07947 07958 07959 07960
                               07961 07968 08531 08532
PPDCBPAT 00004 00001120 08865  06871 08912
PPDCBPTL 00001 00000058 08912  06871
PPDCONC  00002 00000A64 07979  07943
PPDDNAME 00008 00000172 06239  07504
PPDDNAMK 00002 0000016C 06236  07426 08111
PPDDNMOK 00004 0000022E 06966  06941 06964
PPDDNSUF 00016 00001040 08794  06912 06913 07434 07720 08132
PPDEALC1 00004 000015D0 09089  08395
PPDEALOC 00002 00000B1A 08104  06960 07995
PPDEBUG  00001 00000080 06165  08520 08775
PPDECONC 00002 00000AD4 08078  06954 07982
PPDECON1 00004 00001578 09075  08389
PPDFF02A 00004 000002BC 06271  06891 06893 06893
PPDFIDN  00002 000002C4 06273  06894 06899 06900
PPDFPARM 00004 000002A8 06270  06885 08347 08363
PPDFRETC 00004 000002C0 06272  06889 08246
PPDSNAME 00044 00000180 06244  06903 07265 07266 07266 07267 07268 07269 07385
PPDSNAMK 00002 0000017A 06241  07438
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SYMBOL	LEN	VALUE	DEFN	REFERENCES
PPDSNAML	00002	0000017E	06243	07356
PPDSNTAB	00002	0000052C	07384	07357
PPECODE	00001	00000008	06126	07775 08200 08542 08558
PPENQLP	00006	0000019A	06915	06923
PPENQLST	00001	00001198	08939	06908 08000 08947
PPENQPL	00001	0000000C	08947	06908 08000
PPENQWTO	00004	0000169C	09115	06926
PPERM800	00002	000006DE	07534	07301
PPERM801	00002	000006E6	07538	07343
PPERM802	00002	000006EE	07542	07400
PPERM804	00002	000006FE	07550	07418
PPERM805	00002	00000C6A	08302	08254
PPERM806	00002	00000C72	08306	08268 08270
PPERM807	00002	00000CE0	08342	08256
PPERM808	00002	00000CE8	08346	08258 08273 08287 08296
PPERM809	00002	00000D1A	08362	08279
PPERM810	00002	00000956	07835	07810
PPERM811	00002	00000706	07554	07405 07409 07503 07511 07515 07517
PPERM812	00002	0000094E	07831	07783
PPERM813	00002	00000D3E	08374	08260 08262
PPERM814	00002	00000D46	08378	08264 08266
PPERM815	00002	00000D4E	08382	08272
PPERM816	00004	00000D60	08389	08356
PPERM817	00004	00000D6E	08395	08358
PPERM836	00002	0000070E	07558	07248 07258
PPERM842	00002	00000716	07562	07379
PPERM843	00002	0000071E	07566	07347
PPERRNSL	00002	00000726	07570	07536 07540 07544 07548 07552 07556 07560 07564 07568
PPESBYP	00002	00000DF4	08527	08521
PPESDUMP	00004	000010F8	08844	08524
PPESENVR	00004	00000E3E	08558	08543
PPESFATL	00002	00000E2A	08545	08514 08518 08541 08603 08605
PPESHDR	00001	000010D6	08841	08851
PPESOERR	00004	00000EB6	08594	08589 08591
PPESPP1	00004	00000E6A	08573	08566
PPESPP2	00004	00000E82	08580	08574
PPESPP2A	00004	00000EC2	08598	08584
PPESPP3	00004	00000ECE	08602	08581
PPESRECP	00008	000010BE	08840	08529
PPESRTRN	00002	00000EDE	08610	08571 08578 08596 08600
PPESTAE	00001	00000040	06166	06843 07233 07676 07931 08007 08014 08187 08194
PPESTAEL	00001	00000010	08923	06833 07223 07666 07921
PPESTAEM	00001	00001178	08917	06833 07223 07666 07921 08923
PPESTAEP	00001	000002C8	06278	06284 06833 06835 07223 07225 07666 07668 07921 07923
PPESTAEX	00002	00000DB6	08503	06836 07226 07669 07924 08502
PPESTAEZ	00002	00000E3A	08553	08505 08507
PPHAVDSN	00001	00000080	06142	07355 07399
PPHAVJP	00001	00000040	06133	07247 07250 07679 07933
PPHAVREF	00001	00000020	06144	07373 07459
PPHAVSER	00001	00000040	06143	07361 07451 08311 08322
PPHAVUNT	00001	00000010	06145	07367 07402 07467 08311
PPIEFVHA	00004	000002C8	07032	06856
PPIEFVPP	00004	00000048	06109	06861
PPINITC	00001	00000001	06129	07026 07205 07648 07903
PPITXT01	00002	00000420	07288	07295 07334

SYMBOL LEN VALUE DEFN REFERENCES ASM 0201 16.32 05/28/20

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PPITXT02 00002 00000438 07297  07306 07330 07337
PPITXT03 00002 0000045E 07309  07299
PPITXT04 00002 00000496 07327  07312 07314 07345 07352 07382
PPITXT05 00002 000004A0 07332  07307
PPJOBPRO 00001 00001050 08795  07245 07257
PPJPBUSY 00001 00000020 06134  07243 07250 07256
PPJPCNT  00002 000000C8 06170  07008 07417 07432 07487 07687 07721 07991 08148 08148
PPJPERR  00001 00000080 06132  07278 07685 08535 08654
PPJPMAX  00002 000000CA 06171  06985 07004 07351 07417
PPLEAVE  00002 00000BCA 08199  08188
PPLOCPL  00001 00000010 08935  06902
PPLOCPRM 00004 000002DC 06292  06902 06904 06906 08315
PPLOCWRK 00268 000002F0 06302  06905 06908 06910 06917 08000 08002 08004 08327 08328 08330 08333
PPMBADNW 00006 00000FF4 08742  08738
PPMBLANK 00004 00000F2C 08667  08671
PPMCODE  00001 00000004 06127  08655 08702
PPMHDRDN 00004 00000F80 08698  08687
PPMHEAD1 00017 000011A4 08950  08691 08692
PPMHEAD2 00017 000011B5 08951  08694 08695
PPMISC   00001 000000C3 06164  06843 06853 07002 07233 07676 07706 07734 07931 08007 08014 08187 08194 08520 08775
PPMMVMSG 00006 00000F96 08706  08679
PPMNZERO 00004 00000F40 08673  08668
PPMPUTLN 00002 00000F9C 08710  08693 08696 08700
PPMSKCLR 00004 0000102C 08791  07305 07336
PPNAMOBT 00004 000001BE 06931  06920
PPNOSYSP 00001 00000020 06167  07002 07706 07734
PPOCLST  00004 000002D8 06287  07764 07766 07822 07964 07966
PPOPEN   00002 00000882 07762  07705 07707
PPOPENCK 00004 000008BC 07782  07777
PPOPENED 00001 00000002 06138  07784 07942 07972
PPREFTAB 00002 0000053C 07390  07375
PPRETURN 00002 00000BB8 08186  06928 07028 07237 07241 07246 07259 07279 07485 07525 07576 07680 07686 07689 07692 07751
                               07827 07844 08570 08577 08598
PPRREQUE 00001 00000008 06146  08307 08320 08335 08383 08414
PPSAVE   00008 00000000 06107  06827 06827 06828 06829 07217 07217 07218 07219 07660 07660 07661 07662 07915 07915 07916
                               07917
PPSBUFA  00004 000000D4 06175  07813 07953 07954
PPSDCBA  00004 000000D0 06174  07821 07956 07963
PPSDISP  00001 000001CE 06259  07270
PPSDISPK 00002 000001C8 06256  07443
PPSERTAB 00002 00000534 07387  07363
PPSETBUG 00004 000000C6 06852  06852
PPSETCNC 00002 000003DA 07261  07255
PPSETDCB 00002 0000091E 07816  07797
PPSETDSN 00002 000004DE 07354  07317
PPSETREF 00002 0000050E 07372  07321
PPSETSER 00002 000004EE 07360  07319
PPSETSYS 00002 000004B2 07341  07323
PPSETUNT 00002 000004FE 07366  07325
PPSNO    00001 0000105C 08806  07346
PPSTAT0  00001 000000B8 06121  06819 07026 07205 07209 07477 07481 07648 07652 07743 07747 07775 07903 07907 08093 08097
                               08135 08139 08143 08200 08412 08531 08532 08532 08542 08558 08565 08569 08573 08580 08602
                               08655 08702
PPSTAT1  00001 000000B9 06131  06864 07243 07247 07250 07256 07262 07278 07342 07349 07679 07685 07702 07704 07732 07755
                               07784 07812 07933 07942 07944 07952 07972 07980 07990 08149 08149 08535 08654
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SYMBOL    LEN   VALUE   DEFN    REFERENCES
PPSTAT2  00001 000000BA 06141  06865 07280 07355 07361 07367 07373 07399 07402 07451 07459 07467 08307 08311 08320 08322
                                08335 08383 08414
PPSYES   00001 00001058 08805  07344
PPSYSCNT 00004 00000252 06978  06973 06982
PPSYSDDN 00008 00001038 08793  06911
PPSYSDOK 00002 000002AC 07006  06986
PPSYSMAJ 00008 00001030 08792  08944
PPSYSMIS 00004 00000272 06988  06971
PPSYSMMS 00004 000002A0 07002  06990 06992 06997
PPSYSNAM 00008 000000DC 06177  06909 06911 06915 06933 06972 07737 08001
PPSYSWTO 00004 000016C8 09123  06999
PPSYSYES 00001 00000008 06136  07250 07349 07704 07732
PPTCONC  00002 000003C0 07253  07244
PPTIOSLP 00004 00000236 06970  06976
PPTIOTAD 00004 000000C4 06169  06936 06966 06988 07498
PPTIOTLP 00004 000001DA 06940  06946
PPTOPEN  00002 000008A0 07773  08594
PPTROPEN 00001 00000020 06159  07763 07774 08583
PPTRPP0  00001 000000BF 06154  06866
PPTRPP1  00001 000000C0 06155  06867
PPTRPP2  00001 000000C1 06156  06868 07691 07696 07763 07774 07776 07778 07939 08583 08592
PPTRPP2E 00001 00000080 06157  07691 07696 07939
PPTRPP3  00001 000000C2 06161  06869
PPTRS213 00001 00000010 06160  07776 07778 08592
PPTSNMSS 00002 0000057A 07411  07403 07407
PPTSTMOV 00002 0000051A 07377  07358 07364 07370
PPTSTOPT 00002 0000054C 07398  07291
PPUNIT   00008 000001C0 06254  07269 07394 07404 07406 07408
PPUNITK  00002 000001BA 06251  07469
PPUNITL  00002 000001BE 06253  07368
PPUNTTAB 00002 00000544 07393  07369
PPUSRDDN 00004 0000010C 06230  06933 06942 07431 07726 08089 08119
PPVLBIT  00001 00000080 08799  07298 07764 07964
PPVLREFK 00002 000001D0 06261  07461
PPVLREFL 00002 000001D4 06263  07374
PPVNALOW 00004 00000CD2 08337  08329 08331
PPVNLOCT 00004 00000CB0 08327  08318
PPVNMMSG 00006 00000CD6 08339  08312 08323 08325 08334
PPVOLNML 00001 00000031 09002  08309
PPVOLNMS 00001 0000001B 09003  08339
PPVOLNMT 00004 00001314 08996  08309 09002
PPVOLREF 00044 000001D6 06264  07267 07391
PPVOLSEK 00002 000001AC 06246  07453
PPVOLSEL 00002 000001B0 06248  07362
PPVOLSER 00008 000001B2 06249  07268 07388 08310 08324
PPVPPLEN 00001 0000001C 06117  06862
PPVPP0   00004 0000004C 06110  06117 06862
PPVPP1   00004 00000050 06111  07082
PPVPP2   00004 00000054 06112  07093
PPWORK   00001 00000000 06105  06104 06308 07082 07093
PPWORKLN 00001 00000490 06308  06808 06815 08022
PPWTOWRK 00144 000003FC 06304  08309 08339 08384 08417 08779 08780 08782
PP0ADDRS 00004 000002CC 07033  06862
PP0CODE  00001 00000080 06122  06819 08143 08412 08565
PP0TRCV  00004 00000084 06824  06821
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SYMBOL	LEN	VALUE	DEFN	REFERENCES
PP1CODE	00001	00000040	06123	07209 08200 08573
PP1COMM	00002	000003DE	07264	07251
PP1TRCV	00004	00000344	07214	07211
PP2CODE	00001	00000020	06124	07652 08200 08580
PP2ERROR	00002	0000095A	07838	07780 07833
PP2TRCV	00004	00000764	07657	07654
PP3CODE	00001	00000010	06125	07907 08200 08602
PP3NESTA	00002	00000AB8	08016	08008
PP3TRCV	00004	00000998	07912	07909
PP4EXEC	00004	000002FA	07085	07079
PROCERR	00001	00000040	06036	06050
PSA	00001	00000000	02927	03139 03144 06934 06994
PSAAOLD	00004	00000224	03076	06994
PSAIPCDM	00001	0000026C	03145	03144
PSAIPCRM	00001	00000264	03140	03139
PSATNEW	00004	00000218	03072	03073
PSATOLD	00004	0000021C	03074	06934
PSTMT	00004	00000190	05939	07089 07815 07954
RC	00001	0000000C	05746	05733
REFMK	00001	00000050	06537	07320
RFULLE	00004	000003A0	06081	06812 07081 07092 07204 07647 07902 08018 08018 08516
RPLADDR	00004	000000A0	05787	08711
RPLAREA	00004	00000020	01195	08714
RPLARG	00004	00000024	01197	08715 08715
RPLBUFL	00004	00000034	01251	08718 08718
RPLDACB	00004	00000018	01193	08722
RPLDDDD	00004	00000040	01361	08719 08719
RPLOPT1	00001	00000028	01207	08717
RPLPUT	00001	00000001	01061	08713
RPLREQ	00001	00000002	01059	08713
RPLRLEN	00004	00000030	01250	08716
RPLSEQ	00001	00000020	01211	08717
RPLSTAT	00001	0000000C	01114	01115
R0	00001	00000000	05734	06808 06814 06817 06856 06858 06859 06882 06883 06934 06983 06984 06985 07003 07004 07007 07007 07008 07009 07284 07284 07300 07302 07333 07335 07687 07688 07688 07721 07722 07730 07947 07991 07992 07992 08022 08504
R1	00001	00000001	05735	06811 06814 06815 06829 06830 06831 06857 06858 06859 06887 06888 06889 06890 06891 06892 06894 06895 06898 06899 06903 06904 06905 06906 06909 06910 06934 06935 06935 06936 06937 06945 06949 06966 06975 06980 06988 06994 06995 06995 06996 07014 07219 07220 07221 07238 07239 07239 07240 07245 07254 07257 07289 07292 07293 07293 07298 07303 07304 07304 07310 07329 07329 07344 07346 07385 07388 07391 07394 07476 07489 07490 07492 07498 07499 07507 07510 07512 07519 07662 07663 07664 07719 07723 07728 07728 07738 07742 07811 07917 07918 07919 07946 08001 08002 08021 08092 08134 08347 08363 08506 08506 08509 08537 08537 08538 08539 08540 08585 08585 08586 08587 08588 08657 08658 08659 08659 08660 08664 08665 08680 08711 08712 08734
R10	00001	0000000A	06736	06954 06960 07484 07750 07982 07995 08099 08151 08288 08294 08297 08413 08415 08421
R11	00001	0000000B	06737	06802 06804 06805 06861 07030 07198 07200 07201 07578 07641 07643 07644 07846 07896 07898 07899 08434 08559 08561 08562 08787
R12	00001	0000000C	06738	06743 06801 07197 07207 07640 07650 07895 07905 08028 08203 08508 08512 08652 08703 08778 08784
R13	00001	0000000D	06739	06801 06828 06830 06831 06857 07197 07207 07218 07220 07221 07640 07650 07661 07663 07664 07895 07905 07916 07918 07919 08019 08019 08028 08202 08202 08203 08508 08652 08703 08725 08726 08735 08778 08784
R14	00001	0000000E	06740	06801 06817 06823 06931 06956 06962 06968 06968 06978 06978 06984 07012 07086 07088 07090 07197 07207 07208 07213 07273 07285 07285 07292 07294 07294 07302 07303 07305 07330 07335

SYMBOL	LEN	VALUE	DEFN	REFERENCES
				07336 07495 07522 07571 07573 07640 07650 07651 07656 07682 07722 07739 07739 07741 07757
				07786 07824 07839 07841 07895 07905 07906 07911 07936 07974 07984 07997 08028 08029 08203
				08204 08411 08465 08508 08555 08652 08661 08662 08665 08667 08669 08670 08670 08675 08675
				08676 08677 08678 08679 08692 08695 08699 08703 08704 08716 08776 08778 08780 08784 08785
R15	00001	0000000F	06741	06799 06806 06816 06816 06821 06823 06919 06919 06938 06938 06944 06945 06948 06949 06967
				06967 06974 06975 06979 06980 07077 07081 07082 07082 07083 07092 07093 07093 07094 07096
				07195 07202 07211 07213 07286 07286 07310 07313 07329 07434 07435 07482 07482 07500 07500
				07506 07507 07638 07645 07654 07656 07720 07727 07729 07729 07748 07748 07809 07809 07893
				07900 07909 07911 08098 08098 08120 08121 08123 08132 08133 08141 08141 08246 08310 08317
				08317 08321 08324 08327 08339 08502 08522 08526 08554 08554 08563 08660 08674 08691 08694
				08698 08706 08714 08720 08721 08723 08739 08739 08744 08745
R2	00001	00000002	05736	07276 07277 07289 07290 07311 07311 07316 07318 07320 07322 07324 07328 07328 07432 07433
				07433 07434 07487 07488 07490 07491 07492 07493 07535 07539 07543 07547 07551 07555 07559
				07563 07567 07779 07791 07794 07805 07832 07836 08105 08120 08125 08132 08146 08303 08308
				08337 08343 08359 08371 08375 08379 08385 08391 08419 08420 08522 08526 08676 08706
R3	00001	00000003	05737	07313 07356 07362 07368 07374 07378 07380 07381 07792 07793 07828 07956 07957 07962 08122
				08123 08128 08129 08509 08510 08547 08610 08617 08673 08674 08677 08699
R4	00001	00000004	05738	07350 07351 07357 07363 07369 07375 07378 07381 08124 08127 08153 08570 08577 08594 08598
				08612
R6	00001	00000006	05740	06104 06811 06812 07204 07647 07902 08021 08516 08517 08517
R7	00001	00000007	05741	06803 06804 06804 06805 07030 07199 07200 07200 07201 07578 07642 07643 07643 07644 07846
				07897 07898 07898 07899 08434 08560 08561 08561 08562 08787
R8	00001	00000008	05742	06913 06923 07426 07427 07436 07438 07442 07443 07449 07453 07457 07461 07465 07469 07473
				07527 07714 07715 07717 07753 08084 08085 08090 08102 08111 08112 08116 08155 08684 08685
				08689
R9	00001	00000009	05743	06873 06874 06875 06885 06886 06912 06915 06922 06922 07030 07421 07422 07424 07425 07439
				07439 07445 07445 07454 07454 07462 07462 07470 07470 07527 07709 07710 07712 07713 07753
				08079 08080 08082 08083 08102 08106 08107 08109 08110 08155 08244 08245 08434 08693 08696
				08700 08740
SDWA	00001	00000000	02392	02899 08510 08548 08549 08611 08612 08613
SDWAACF2	00001	000000FD	02781	08549 08568 08576 08595 08599 08613
SDWACMPC	00003	00000005	02411	08538 08586
SDWADPVA	00001	00000192	02893	08530
SDWAEND	00008	00000200	02898	02899
SDWAFREE	00001	00000004	02791	08613
SDWAGR15	00004	00000054	02473	08590
SDWAHEX	00001	00000080	02894	08530
SDWALEN	00008	00000200	02899	02900
SDWAPARM	00004	00000000	02394	08512
SDWARCDE	00001	000000FC	02775	08548 08611
SDWARCRD	00001	00000080	02783	08549 08568 08576 08595 08599
SDWARECP	00024	00000124	02825	08529 08567 08575 08582 08604
SDWARTYA	00004	000000F0	02763	08612
SDWAURAL	00001	00000193	02896	08531
SDWAVRA	00108	00000194	02897	08532
SERMK	00001	0000004F	06536	07318
SMCAADEV	00006	00000028	00875	01004
SMCABASE	00001	00000000	00758	01003
SMCAEND	00001	000000B4	01002	01003
SMCAPDEV	00006	00000018	00837	01004
SRTEASCI	00001	00000004	05159	05160
SRTEBSTR	00001	00000004	05158	05161
STRDKEY	00001	00000004	06427	06428 07239
STREKEY	00001	00000004	06401	06402
STRINDCS	00001	00000002	06345	06391 06413 07277

SYMBOL LEN VALUE DEFN REFERENCES ASM 0201 16.32 05/28/20

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STRJINDC 00001 00000003 06362  08534 08653 08686 08688
STRJKEY  00001 00000006 06379  06380
SWA      00001 0000031D 06011  07085
SWV      00001 00000321 06030  06033 06035 06037 06039 06041 06043 06045 06047 06049
SWY      00001 00000329 06060  07236
SWZ      00001 0000032A 06061  07078 07087
SYSPROCK 00001 00000001 06723  07322
S99ERROR 00002 00000004 01673  08253 08255 08257 08259 08261 08263 08265 08267 08269 08271 08286 08295
S99FLG11 00001 00000002 01653  06879
S99FLG21 00001 00000010 01678  06881
S99NOCNV 00001 00000040 01658  06879
S99NOMNT 00001 00000020 01661  06879
S99NORES 00001 00000020 01682  06881
S99ONCNV 00001 00000080 01654  06879
S99RB    00001 00000000 01641  06874 07422 07710 08080 08107 08245
S99RBLN  00001 00000000 01643  06878
S99RBPND 00001 00000080 01640  06876
S99TUFLD 00001 00000000 01721  07723
S99TUKEY 00002 00000000 01713  07428 07440 07446 07455 07463 07471 07716 08086 08113
S99TULEN 00002 00000000 01722  07725 07728 07736
S99TULNG 00002 00000004 01716  07430 07448 07719 08088 08115
S99TUNIT 00001 00000000 01712  07427 07715 08085 08112
S99TUNUM 00002 00000002 01714  07429 07441 07447 07456 07464 07472 07741 08087 08114
S99TUPAR 00001 00000006 01717  07431 07435 08089 08119 08133
S99TUPL  00001 00000000 01706  07425 07713 08083 08110
S99TUPLN 00001 00000080 01708  07475 07718 08091 08117
S99TUPRM 00001 00000002 01723  07726 07727 07737
S99TUPTR 00004 00000000 01707  07436 07439 07442 07445 07449 07454 07457 07462 07465 07470 07473 07475 07717 07718 08090
                               08091 08116 08117
S99TXTPP 00004 00000008 01675  06883
S99VERB  00001 00000001 01644  07423 07711 08081 08108 08251 08278 08284 08293 08355 08357
S99VRBAL 00001 00000001 01645  07423 08251
S99VRBCC 00001 00000003 01647  07711 08278
S99VRBDC 00001 00000004 01648  08081 08284 08355
S99VRBUN 00001 00000002 01646  08108 08293 08357
TCB      00001 00000020 03679  04365 06935
TCBDARPN 00001 00000040 04005  04007
TCBDARTN 00001 00000080 04002  04004
TCBFIX   00001 00000000 03667  03674
TCBMNLEN 00001 00000128 04365  04436
TCBPXLEN 00001 00000020 03674  04436
TCBTIO   00004 0000002C 03692  06935
TCBXTNT2 00001 00000000 04370  04434
TCBX2LEN 00001 00000020 04434  04436
TERMRTN  00004 00000034 05771  08744
TEXT     00001 00000000 06340  06380 06402 06428 07239 07277 08534 08653 08685
TEXTBUFP 00004 0000002C 05769  07238 07276
TIOCNJOB 00008 00000000 04461  06989 06991
TIODSECT 00001 00000000 04443  06937 07499
TIOEDDNM 00008 0000001C 04527  06942 06952 06972 06981 07504
TIOEFSRT 00003 00000029 04567  07510
TIOELNGH 00001 00000018 04484  06940 06944 06948 06950 06970 06974 06979 07502 07506
TNEXT    00004 00000020 05766  05767
UCBALOC  00001 00000008 04777  04973
UCBBALB  00001 00000020 05016  05155
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SYMBOL	LEN	VALUE	DEFN	REFERENCES
UCBBNUL	00001	00000001	05026	05162
UCBBPRV	00001	00000010	05018	05156
UCBBPUB	00001	00000008	05019	05157
UCBBSTR	00001	00000004	05020	05158 05159
UCBBSVL	00001	00000080	05000	05154
UCBBSY	00001	00000080	04794	04795
UCBCHGS	00001	00000040	04767	04970
UCBCUB	00001	00000008	04801	04802
UCBDADI	00001	00000001	04783	04976
UCBDEV	00001	00000018	04983	04989 05103 05177 05194 05216 05310 05323 05355
UCBDMCT	00001	00000023	05035	05163
UCBDSECT	00001	00000000	04590	07512
UCBFLA	00001	00000006	04792	04793
UCBFL1	00001	00000006	04793	04977
UCBFSCT	00002	00000018	05110	05164
UCBFSEQ	00002	0000001A	05111	05165
UCBJBNR	00001	00000000	04706	04966
UCBMONT	00001	00000001	04727	04967
UCBNRY	00001	00000040	04796	04797
UCBONLI	00001	00000080	04766	04969
UCBPRES	00001	00000004	04778	04974
UCBPST	00001	00000020	04798	04799
UCBRESV	00001	00000020	04772	04971
UCBRVDEV	00001	00000008	04906	07516 08333
UCBSTAB	00001	00000022	04999	05153
UCBSTAT	00001	00000003	04765	04968
UCBSYSR	00001	00000002	04780	04975
UCBTBYT2	00001	00000011	04893	07516
UCBTBYT3	00001	00000012	04917	07514
UCBUNLD	00001	00000010	04774	04972
UCBUSER	00001	00000026	05087	05166
UCBVOLI	00006	0000001C	04998	05152
UCB3DACC	00001	00000020	04921	07514 08330
UNITK	00001	00000041	06522	07324
VERBCSW	00001	00000020	06038	06050
VPPID	00008	00000001	06746	06753
VPPIDL	00001	0000004C	06753	06745
WAJOBPFX	00008	00000134	05795	08534 08653 08684
WAMSGBUF	00004	000000F0	05789	08657 08698
WANELPTR	00004	000000EC	05788	08720
WARPL	00004	000000A0	05786	05787
WASTMTNO	00002	0000015C	05818	08661

```
=CL8'MSTRJCL'
         00008 00001060 08810  06989
=CL8'3330V'
         00008 00001068 08811  07404
=CL8'SDG00'
         00008 00001070 08812  07406
=CL8'SDG99'
         00008 00001078 08813  07408
=X'00008000'
         00001 00001080 08814  08122
=F'12'   00004 00001084 08815  08504
=X'11111111'
         00001 00001088 08816  08513
=X'FFFF' 00001 0000108C 08817  06959
=C'MSTJCL'
         00001 0000108E 08818  06991
=H'1'    00002 00001094 08819  06996 08328
=AL2(DALDDNAM)
         00002 00001096 08820  07428
=AL2(1)  00002 00001098 08821  07429 07441 07447 07448 07456 07464 07472 08087 08114
=H'8'    00002 0000109A 08822  07430 07725 07736 08088 08115 08125
=AL2(DALDSNAM)
         00002 0000109C 08823  07440
=AL2(DALSTATS)
         00002 0000109E 08824  07446
=AL2(DALVLSER)
         00002 000010A0 08825  07455
=AL2(DALVLRDS)
         00002 000010A2 08826  07463
=AL2(DALUNIT)
         00002 000010A4 08827  07471
=X'8000' 00001 000010A6 08828  07489
=AL2(DCCDDNAM)
         00002 000010A8 08829  07716
=AL2(DDCDDNAM)
         00002 000010AA 08830  08086
=AL2(DUNDDNAM)
         00002 000010AC 08831  08113
=X'0438' 00001 000010AE 08832  08286 08295
=C'??????'
         00001 000010B0 08833  08321
=AL2(PPABEND)
         00002 000010B6 08834  08540
=X'0213' 00001 000010B8 08835  08588
=H'4'    00002 000010BA 08836  08590
=X'0024' 00001 000010BC 08837  08742
```

```
NO STATEMENTS FLAGGED IN THIS ASSEMBLY
HIGHEST SEVERITY WAS    0
OPTIONS FOR THIS ASSEMBLY
  ALIGN, ALOGIC, BUFSIZE(STD), NODECK, ESD, FLAG(0), LINECOUNT(55), LIST, NOMCALL, YFLAG, WORKSIZE(2097152)
  NOMLOGIC, NONUMBER, OBJECT, RENT, RLD, NOSTMT, NOLIBMAC, NOTERMINAL, NOTEST, XREF(SHORT)
  SYSPARM()
WORK FILE BUFFER SIZE/NUMBER =19066/ 1
TOTAL RECORDS READ FROM SYSTEM INPUT       2729
TOTAL RECORDS READ FROM SYSTEM LIBRARY    16468
TOTAL RECORDS PUNCHED                       117
TOTAL RECORDS PRINTED                      4874
```

PROCESSING ENDED AT EOD

```
HMA4240    HMASMP EXEC PARM = 'DATE=U'
 REJECT  SELECT(#DYP001,#DYP002,#DYP003,#DYP004,#DYP005)
 .

HMA2462 ** SYSMOD #DYP001 NOT FOUND ON SMPPTS LIBRARY
HMA2260    REJECT PROCESSING TERMINATED FOR SYSMOD #DYP001
HMA2462 ** SYSMOD #DYP002 NOT FOUND ON SMPPTS LIBRARY
HMA2260    REJECT PROCESSING TERMINATED FOR SYSMOD #DYP002
HMA2462 ** SYSMOD #DYP003 NOT FOUND ON SMPPTS LIBRARY
HMA2260    REJECT PROCESSING TERMINATED FOR SYSMOD #DYP003
HMA2462 ** SYSMOD #DYP004 NOT FOUND ON SMPPTS LIBRARY
HMA2260    REJECT PROCESSING TERMINATED FOR SYSMOD #DYP004
HMA2462 ** SYSMOD #DYP005 NOT FOUND ON SMPPTS LIBRARY
HMA2260    REJECT PROCESSING TERMINATED FOR SYSMOD #DYP005
HMA2483 ** THE REJECT FUNCTION WAS REQUESTED - NO SYSMODS MEET SPECIFICATIONS
HMA2050    REJECT PROCESSING COMPLETED - HIGHEST RETURN CODE IS 12


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

 RECEIVE SELECT(#DYP001,#DYP002,#DYP003,#DYP004,#DYP005,#DYPDMY)
 .
```

```
----------++ USERMOD (#DYP001)  .

----------++ VER   (Z038)  FMID (FBB1221)
----------                 PRE (UZ45794)
----------              /*
----------
----------              PRIVATE PROCLIB MODIFICATIONS
----------              FOR HERCULES TURNKEY#3 SYSTEM
----------              VERSION 4, RELEASE 1, MODIFICATION 0
----------
----------              THIS LOCAL MODIFICATION, ALONG WITH ITS
----------              COMPANION CO-REQUISITES, TOTALLY INTEGRATES THE
----------              NECESSARY SYSTEM MODIFICATIONS FOR DYNAMIC PROCLIB
----------              SUPPORT.
----------
----------              #DYP001  SGIEF441  SYSGEN MACRO UPDATE AND JCLIN
----------              #DYP002  IEFVPP    NEW CONVERTER MODULE
----------              #DYP003  IEFVHF    ZAP FOR LINKAGE TO IEFVPP3
----------              #DYP004  IEFVFA    ZAP FOR LINKAGE TO IEFVPP4 & IEFVPP5
----------              #DYP005  IEFVHE    ZAP FOR INTERPRETER JOBPROC BYPASS
----------
----------              ***** WARNING ***** WARNING ***** WARNING *****
----------
----------              DO NOT ATTEPMT TO RESEQUENCE THIS MODIFICATION,
----------              AS IT CONTAINS A MACRO UPDATE TO A SYSGEN MACRO.
----------
----------              ***** WARNING ***** WARNING ***** WARNING *****
----------
----------              THIS MOD SUPPLIES THE SYSGEN MACRO UPDATE FOR
```

```
----------                SGIEF441.  THIS MACRO IS UPDATED TO SUPPORT
----------                DYNAMIC PROCLIB.
----------
----------                DOCUMENTATION ON THE DYNAMIC PROCLIB MODS
----------                ARE CONTAINED IN THE MOD CONTAINING THE
----------                OBJECT DECK FOR IEFVPP, A NEW MODULE.
----------
----------                BEWARE THAT THE "CHANGE" STATEMENT FOR IEFVH1
----------                MAY NOT BE EFFECTIVE WITHOUT A UCLIN TO
----------                DELETE THE CURRENT DEFINITIONS OF MODULE
----------                IEFVH1 AND LOAD MODULE IEFVH1.
----------
----------                                                          */  .

----------++ JCLIN .

----------++ MACUPD (SGIEF441)  DISTLIB (AGENLIB)  .

HMA3930    SYSMOD #DYP001 SUCCESSFULLY RECEIVED




----------++ USERMOD (#DYP002)  .

----------++ VER   (Z038)  FMID (EBB1102)              /* MVS 3.9 BASE */
----------                 PRE (
----------                      #DYP001               /* SYSGEN MACRO UPDATE */
----------                     )
----------                /*
----------
----------                PRIVATE PROCLIB MODIFICATIONS
----------                VERSION 4, RELEASE 1, MODIFICATION 0
----------
----------                THIS LOCAL MODIFICATION, ALONG WITH ITS
----------                COMPANION CO-REQUISITES, TOTALLY INTEGRATES THE
----------                NECESSARY SYSTEM MODIFICATIONS FOR DYNAMIC PROCLIB
----------                SUPPORT.
----------
----------                #DYP001  SGIEF441  SYSGEN MACRO UPDATE AND JCLIN
----------                #DYP002  IEFVPP    NEW CONVERTER MODULE
----------                #DYP003  IEFVHF    ZAP FOR LINKAGE TO IEFVPP3
----------                #DYP004  IEFVFA    ZAP FOR LINKAGE TO IEFVPP4 & IEFVPP5
----------                #DYP005  IEFVHE    ZAP FOR INTERPRETER JOBPROC BYPASS
----------
----------                ***** WARNING ***** WARNING ***** WARNING *****
----------
----------                THIS OBJECT DECK WAS ASSEMBLED USING THE RESERVED WORD
----------                "RFULLE" IN THE CONVERTER WORK AREA USED AS THE ANCHOR
----------                FOR THE PRIVATE PROCLIB WORK AREA.
----------
----------                ***** WARNING ***** WARNING ***** WARNING *****
----------
----------  PREFACE
----------                THESE MODIFICATIONS ARE CONSTRUCTED IN FIVE SEPARATE
----------                PIECES BECASUE OF FUNCTIONAL OWNERSHIP AND
----------                MAINTENANCE PACKAGING.  IN ADDITION, THERE IS AN
----------                OPTIONAL MODIFICATION TO JES2 SUPPLIED IN THE
----------                TEXT OF THESE COMMENTS.
```

```
----------
----------                THE ORIGINAL SOURCE OF THIS MOD IS MUTUAL LIFE OF
----------                WATERLOO, ONTARIO, CANADA.  AMDAHL HAS PROVIDED
----------                SUBSTANTIAL CHANGES IN THE METHODS OF INSTALLATION
----------                AND INTERFACES, AS WELL AS FUNCTIONAL ENHANCEMENTS.
----------                THE BASIC LOGIC, HOWEVER, IS UNCHANGED.
----------
----------                THE IEFVPP MODULE HAS BEEN REWRITTEN TO BE COM-
----------                PATIBLE WITH ALL VERSIONS OF THE MVS CONVERTER
----------                THROUGH MVS/SP 2.1.1.  HOWEVER, IT SHOULD BE
----------                REASSEMBLED WHENEVER A CHANGE IS MADE TO THE
----------                CONVERTER WORK AREA MACROS (IEFCOMWA AND IEFCVRWA).
----------
----------  JCLIN
----------                A JCLIN IS NECESSARY TO INCLUDE THIS
----------                SUPPORT INTO AN EXISTING SYSTEM.
----------                HOWEVER, IN DOING SO, THE CHANGE OF THE EXTERNAL
----------                REFERENCE TO IEFVHA IN IEFVH1 WILL NOT HAVE TAKEN
----------                PLACE AND THE INCORPORATION OF PRIVATE PROCLIB SUPPORT
----------                WILL BE INCOMPLETE.  SPECIFICALLY, THE CONVERTER WILL
----------                FAIL IN THE MOST HORRIBLE WAY IF THE SUPERZAPS TO
----------                THE VARIOUS CONVERTER MODULES HAVE BEEN PUT ON.
----------                THE JCLIN IS INCLUDED IN THE MODIFICATION THAT
----------                UPDATES THE SYSGEN MACRO, SGIEF441.  A TECHNIQUE
----------                TO EFFECT THE CHANGE IS DESCRIBED LATER.
----------
----------                THE JCLIN IS AS FOLLOWS:
----------
----------                 JCLIN .
----------
----------               //SG15 EXEC LINKS,
----------               //  PARM='NCAL,LIST,XREF,LET,RENT',NAME=LPALIB
----------               //SYSLIN DD *
----------                 INCLUDE AOSB3(IEFVHA)
----------                 INCLUDE AOSB3(IEFVHC,IEFVHCB)
----------                 INCLUDE AOSB3(IEFVINE,IEFVHM,IEFVHL)
----------                 INCLUDE AOSB3(IEFVINA)
----------                 INCLUDE AOSB3(IEFVIND)
----------                 INCLUDE AOSB3(IEFVINB)
----------                 INCLUDE AOSB3(IEFVINC)
----------                 INCLUDE AOSB3(IEFVHEB)
----------                 INCLUDE AOSB3(IEFNB9CR)
----------                 INCLUDE AOSB3(IEFNB9CT)
----------                 INCLUDE AOSB3(IEFVFA,IEFVFB)
----------                 INCLUDE AOSB3(IEFVGM)
----------                 INCLUDE AOSB3(IEFVHQ)
----------                 INCLUDE AOSB3(IEFVHR)
----------                 INCLUDE AOSB3(IEFVHF)
----------        ====>    CHANGE IEFVHA(IEFVPP0)
----------                 INCLUDE AOSB3(IEFVH1)
----------                 INCLUDE AOSB3(IEZNCODE)
----------                 INCLUDE AOSB3(IEZDCODE)
----------                 INCLUDE AOSB3(IEFVGM90)
----------        ====>    INCLUDE AOSB3(IEFVPP0)
----------                 ENTRY IEFVH1
----------                 NAME IEFVH1(R)
----------               /*
----------
----------                 THIS JCLIN WAS TAKEN FROM THE SYSGEN STAGE 2.  THE
```

```
----------                TWO STATEMENTS MARKED BY "====>" ARE THE ADDED
----------                STATEMENTS.  CURRENT STAGE 1 OUTPUT SHOULD BE CHECKED
----------                BEFORE THE JCLIN AND ANY NECESSARY CHANGED BY MADE.
----------
----------                A UCLIN TO DELETE THE LMOD ENTRY MAY
----------                BE NECESSARY, AS SMP MAY IGNORE THE "CHANGE"
----------                STATEMENT FOR IEFVH1 IF IEFVH1 IS ALREADY
----------                DEFINED TO IT (NOT SO HOT, EH?).
----------                THE UCLIN MAY NOT BE NECESSARY IN MVS 3.8
----------                WITH SMP 4.
----------
----------                UCLIN .
----------                DEL LMOD (IEFVH1) .
----------                ENDUCL .
----------
----------                NEITHER THE JCLIN OR UCLIN IS NECESSARY WHEN
----------                INSTALLING THESE MODS PRE-GEN.
----------
----------  SYSGEN MACRO
----------                THE SYSGEN MACRO, SGIEF441, IS MODIFIED TO CONTAIN
----------                THE NECESSARY LINK EDIT CONTROL STATEMENTS TO FULLY
----------                INCORPORATE THE MODIFICATION AND TO INSURE THAT A
----------                RE-SYSGEN DOES NOT "DOWN LEVEL" THE MODIFICATION.
----------
----------                THE MACRO MODIFICATIONS CONSIST OF CHANGING
----------                THE EXTERNAL REFERENCE TO IEFVHA IN IEFVH1 TO
----------                REFER TO IEFVPP0, WHICH IS THE PRIVATE PROCLIB
----------                INITIALIZATION ENTRY POINT, AND INCLUDING MODULE
----------                IEFVPP, WHICH IS A NEW MODULE THAT CONTAINS ALL
----------                PRIVATE PROCLIB SUPPORT, EXCEPT THE SUPERZAPS THAT
----------                CAUSE THE VARIOUS PRIVATE PROCLIB ENTRY POINTS TO
----------                BE ENTERED.
----------
----------  SUPERZAPS
----------                SUPERZAPS ARE MADE TO THE CONVERTER/INTERPRETER
----------                TO PERFORM THE LINKAGE TO THE PRIVATE PROCLIB
----------                SUPPORT AND PROVIDE THE IEFUJV INTERNAL TEXT EXIT
----------                FOR A JOB STREAM MANAGER.  SEE THE CO-REQUISITE
----------                MODIFICATIONS FOR A DESCRIPTION OF THE LOGIC
----------                ASSOCIATED WITH EACH OF THE MODIFICATIONS.
----------                THE MODULES ZAPPED ARE IEFVHF, IEFVFA, AND IEFVHE.
----------
----------  NEW MODULE
----------                IEFVPP IS THE NEW MODULE ADDED FOR THIS SUPPORT.
----------                IT IS COMPATIBLE WITH ALL CURRENTLY AVAILABLE
----------                VERSIONS OF THE CONVERTER/INTERPRETER.
----------                HOWEVER, IT IS DEPENDENT ON THE EXISTANCE OR
----------                NON-EXISTANCE OF MVS/SE RELEASE 2.  THE SOURCE
----------                MODULE MUST BE ASSEMBLED WITH THE PROPER
----------                LEVEL OF "SYS1.AMODGEN" IN ORDER FOR IT
----------                TO FUNCTION PROPERLY.  CONDITIONAL ASSEMBLY IS
----------                USED TO IMPLEMENT THE NECESSARY LOGIC
----------                CHANGES AND CONTROL BLOCK DEPENDENCIES.
----------                CONSULT THE ASSEMBLY LISTING OF IEFVPP FOR SPECIFIC
----------                INFORMATION ON ITS FUNCTIONS AND LOGIC.
----------
----------                THE SU MACRO FOR MVS/SE RELEASE 2 (IHASU74)
----------                IS USED TO EFFECT THE CONDITIONAL ASSEMBLY.
----------                IT IS ASSUMED THAT ALL RELEASES OF MVS/SP
```

----------   WILL PROVIDE THIS MACRO WITH THE SU BIT
----------   TURNED ON. IF NOT, THEN THE SOURCE OF IEFVPP
----------   WILL HAVE TO BE UPDATED ACCORDINGLY.

----------   IT IS RECOMMENDED THAT THE IEFVPP SOURCE MODULE
----------   BE ASSEMBLED BY THE INSTALLATION AND THAT THE
----------   OBJECT DECK PROVIDED IN THE MODIFICATION BE
----------   REPLACED WITH THE ONE CREATED BY THE ASSEMBLY.

---------- JOB ENTRY SUBSYSTEM SUPPORT
----------   JES2 IS FULLY SUPPORTED AS THE DYNAMIC PROCLIB
----------   CODE IS NOT SENSITIVE TO THE LEVEL OF JES THAT
----------   IS RUNNING. HOWEVER, IT MAY HAVE SOME PROBLEMS
----------   IN A JES3 ENVIRONMENT, WHERE PERFORMING THE
----------   DYNAMIC ALLOCATION OF PROCLIBS IS NOT SUBJECT
----------   TO JES3 SETUP CONTROL. NO ATTEMPT HAS BEEN
----------   MADE BY THE AUTHORS TO RUN IT IN A JES3 ENVIRONMENT.

----------   THIS CODE FULLY SUPPORTS THE USE OF DYNAMIC
----------   PROCLIB(S) BY STARTED TASKS AND TSO USERS.

----------   THE ABILITY TO REQUEUE A JOB FOR RECONVERSION WHEN
----------   A PROCLIB VOLUME IS NOT AVAILABLE HAS BEEN REMOVED
----------   FROM THIS VERSION OF IEFVPP. IT WAS THOUGHT TO BE
----------   OF MINIMAL VALUE AND FREQUENTLY LEFT JOBS AWAITING
----------   CONVERSION FOR LONGS PERIODS OF TIME.

---------- MSS SUPPORT
----------   A BY-PRODUCT OF THE MSS IS THAT AN MSS VOLUME
----------   CONTAINING A PROCLIB MAY NOT BE MOUNTED. SINCE
----------   IEFVPP PERFORMS ALL LOCATES AND ALLOCATIONS
----------   REQUESTING NO MOUNTING, SUCH A PROCLIB WILL
----------   NOT BE FOUND, AND THE JOB WILL FAILED WITH A
----------   JCL ERROR. HOWEVER, EVEN IF THE MSS VOLUME
----------   CONTAING THE PROCLIB IS MOUNTED, IEFVPP WILL
----------   BE STILL INDICATE A JCL ERROR, AS THERE COULD
----------   BE SUBSTANTIAL DELAYS IN THE CONVERTER
----------   IF IT HAS TO WAIT FOR STAGING OR CYLINDER
----------   FAULTS. SINCE THE CONVERTER IS A SERIAL
----------   PROCESS, THIS CAN CAUSE SERIOUS DELAYS
----------   IN JOB PROCESSING, MOST NOTICABLE IN TSO
----------   LOGONS (BEING STACKED BEHIND A JOB STUCK
----------   CYLINDER FAULTING IN THE CONVERTER).

---------- INSTALLATION
----------   AN APPROACH TO PUTTING THE PRIVATE PROCLIB SUPPORT
----------   ON IS:
----------   1. APPLY THE SYSGEN MACRO UPDATE AND THE NEW
----------   MODULE MODIFICATION. AT THIS POINT, THE
----------   JCLIN WILL HAVE BEEN DONE AND THE NEW MODULE
----------   (IEFVPP) WILL HAVE BEEN LINKED INTO THE
----------   CONVERTER, BUT DYNAMIC PROCLIB WILL NOT
----------   BE FUNCTIONING (THE CONVERTER WILL
----------   STILL FUNCTION, HOWEVER).
----------   2. CREATE A "DUMMY" SUPERZAP FOR MODULE IEFVH1.
----------   APPLY THIS ZAP TO IEFVH1. THIS WILL STILL NOT
----------   CAUSE DYNMAIC PROCLIB TO WORK, AS THE
----------   EXTERNAL REFERENCE TO IEFVH1 POINTING TO IEFVHA
----------   WILL NOT HAVE BEEN CHANGED.

```
----------                3.  RESTORE THE ZAP TO IEFVH1.  THIS WILL CAUSE A
----------                    RE-LINK OF IEFVH1 AND SMP WILL INSERT THE CHANGE
----------                    STATEMENT, CAUSING IEFVH1 TO NOW POINT TO
----------                    IEFVPP0 IN IEFVPP.
----------                4.  APPLY THE ZAPS TO IEFVHF, IEFVHE, AND IEFVFA.
----------                5.  PLACE IEFVH1 AND IEFNB903 ON THE MLPA FOR TESTING.
----------                    CLPA WHEN READY.  IEFVH1 COULD BE PLACED IN THE
----------                    STEPLIB USED TO RUN JES2, IF ANY.
----------
----------                SHOULD IT BE NECESSARY TO RESTORE THE CONVERTER TO ITS
----------                ORIGINAL STATE, THE FOLLOWING COULD BE USED:
----------                1.  PERFORM AN SMP RESTORE OF ALL FIVE MODIFICATIONS.
----------                    THIS ASSUMES THAT THE SAVED CDS WILL BE USED
----------                    TO RESTORE THE ORIGINAL JCLIN FOR IEFVH1.
----------                    THE SAME TRICK USED TO FORCE AN INCLUDE OF IEFVH1
----------                    FROM THE DLIB (THIS TIME WITHOUT THE CHANGE
----------                    STATEMENT WILL HAVE TO BE DONE).
----------                    THE IEFVPP CSECT WILL REMAIN BEHIND IN THE
----------                    IEFVH1 LOAD MODULE, BUT THIS WILL CAUSE NO HARM.
----------                2.  REMOVE THE MLPA OR CLPA, IF NECESSARY.
----------
----------  PTF LEVEL
----------                PTF LEVEL FOR THE INDIVIDUAL MODULES IS NOTED
----------                WITH EACH MODULE.  SOME OF THE CONVERTER
----------                MODULES WERE STRUCK BY MVS/SE AND MVS/SP, BUT THE CODE
----------                IS BASICALLY COMPATIBLE WITH ALL SU/PTF COMBINATIONS,
----------                BUT THE ZAP DISPLACEMENTS AND PATCH AREAS CHANGE.
----------
----------  CURRENT RESTRICTIONS
----------                THE LIMIT ON THE NUMBER OF MULTIPLE CONCURRENT
----------                CONVERTERS IS 16.  ANYONE WHO HAS A PROBLEM WITH
----------                THIS DESERVES IT.
----------
----------                                                              */  .

----------++ MOD   (IEFVPP)  DISTLIB (AOSB3)
----------                   LMOD (IEFVH1)
----------                   LEPARM (RENT,REUS,REFR) .

HMA3930    SYSMOD #DYP002 SUCCESSFULLY RECEIVED




----------++ USERMOD (#DYP003)  .

----------++ VER   (Z038)  FMID (EBB1102)               /* MVS 3.8 BASE */
----------                  REQ (#DYP004)               /* ZAP TO IEFVFA */
----------                  PRE (UZ51830
----------                       #DYP001                /* SYSGEN MACRO UPDTE */
----------                       #DYP002                /* NEW MODULE IEFVPP */
----------                            )
----------                /*
----------
----------                PRIVATE PROCLIB MODIFICATIONS
----------                VERSION 4, RELEASE 1, MODIFICATION 0
----------
----------                THIS LOCAL MODIFICATION, ALONG WITH ITS
----------                COMPANION CO-REQUISITES, TOTALLY INTEGRATES THE
```

```
----------               NECESSARY SYSTEM MODIFICATIONS FOR DYNAMIC PROCLIB
----------               SUPPORT.
----------
----------               #DYP001  SGIEF441  SYSGEN MACRO UPDATE AND JCLIN
----------               #DYP002  IEFVPP    NEW CONVERTER MODULE
----------               #DYP003  IEFVHF    ZAP FOR LINKAGE TO IEFVPP3
----------               #DYP004  IEFVFA    ZAP FOR LINKAGE TO IEFVPP4 & IEFVPP5
----------               #DYP005  IEFVHE    ZAP FOR INTERPRETER JOBPROC BYPASS
----------
----------               ***** WARNING ***** WARNING ***** WARNING *****
----------
----------               THIS SUPERZAP IS WRITTEN WITH RESERVED WORD "RFULLE"
----------               IN THE CONVERTER WORK AREA USED AS THE ANCHOR FOR
----------               THE PRIVATE PROCLIB WORK AREA.
----------
----------               ***** WARNING ***** WARNING ***** WARNING *****
----------
----------               IEFVHF
----------
----------               IEFVHF IS THE CONVERTER TERMINATION MODULE.  THE ZAP
----------               CHANGES IEFVHF TO BRANCH TO IEFVPP3 IN IEFVPP TO
----------               ALLOW PRIVATE PROCLIB CLEANUP TO TAKE PLACE.  THE
----------               ADDRESS OF IEFVPP3 RESIDES IN THE PRIVATE PROCLIB
----------               WORK AREA THAT IS POINTED TO BY THE ANCHOR WORD IN
----------               THE CONVERTER WORK AREA.  THE OFFSET OF THE WORD
----------               USED TO ANCHOR THE ADDRESS THE OF THE PRIVATE PROCLIB
----------               WORK AREA IN THIS ZAP MUST CORRESPOND TO THAT USED
----------               IN THE ASSEMBLY OF IEFVPP.
----------
----------                                                                */  .

----------++ ZAP   (IEFVHF)  DISTLIB (AOSB3)  .

HMA3930    SYSMOD #DYP003 SUCCESSFULLY RECEIVED




----------++ USERMOD (#DYP004)  .

----------++ VER   (Z038)  FMID (EBB1102)              /* MVS 3.8 BASE */
----------                 REQ (#DYP003)              /* ZAP TO IEFVHF */
----------                 PRE (
----------                      UZ69627               /* PTF  */
----------                      #DYP001               /* SYSGEN MACRO UPDATE */
----------                      #DYP002               /* NEW MODULE IEFVPP */
----------                           )
----------               /*
----------
----------               PRIVATE PROCLIB MODIFICATIONS
----------               VERSION 4, RELEASE 1, MODIFICATION 0
----------
----------               THIS LOCAL MODIFICATION, ALONG WITH ITS
----------               COMPANION CO-REQUISITES, TOTALLY INTEGRATES THE
----------               NECESSARY SYSTEM MODIFICATIONS FOR DYNAMIC PROCLIB
----------               SUPPORT.
----------
----------               #DYP001  SGIEF441  SYSGEN MACRO UPDATE AND JCLIN
----------               #DYP002  IEFVPP    NEW CONVERTER MODULE
```

```
----------                #DYP003  IEFVHF    ZAP FOR LINKAGE TO IEFVPP3
----------                #DYP004  IEFVFA    ZAP FOR LINKAGE TO IEFVPP4 & IEFVPP5
----------                #DYP005  IEFVHE    ZAP FOR INTERPRETER JOBPROC BYPASS
----------
----------                ***** WARNING ***** WARNING ***** WARNING *****
----------
----------                THIS SUPERZAP IS WRITTEN WITH RESERVED WORD "RFULLE"
----------                IN THE CONVERTER WORK AREA USED AS THE ANCHOR FOR
----------                THE PRIVATE PROCLIB WORK AREA.
----------
----------                ***** WARNING ***** WARNING ***** WARNING *****
----------
----------                IEFVFA
----------
----------                IEFVFA IS THE CONVERTER SCAN ROUTINE.  THE ZAP IS
----------                TWO-FOLD.
----------
----------                FIRST, AN ENTRY IN THE JCL KEYWORD TABLE IS
----------                CONVERTED TO THE "SYSPROC=" KEYWORD.  "SUBALLOC="
----------                WAS CHOSEN, SINCE ITS USE IS VIRTUALLY NON-EXISTANT.  TO
----------                FILL IN THE EXTRA BYTE LEFT OVER WHEN "SYSPROC=" AND ITS
----------                INTERNAL TEXT CODE (SYMBOL SYSPROCK DEFINED IN IEFVPP)
----------                IS ZAPPED OVER "SUBALLOC=" AND ITS INTERNAL TEXT
----------                CODE (SYMBOL SUBALLOK - X'4C' - DEFINED IN MACRO
----------                IEFVKEYS), "SYSPROC=" IS MADE MUTUALLY EXCLUSIVE
----------                WITH "DCB=" (SYMBOL DCBK - X'40' - DEFINED IN MACRO
----------                IEFVKEYS).
----------
----------                SECOND, IEFVFA IS CHANGED TO BRANCH TO BOTH IEFVPP4
----------                IN IEFVPP AND IEFVPP5 IN IEFVPP, IMMEDIATELY
----------                AFTER A JCL STATEMENT HAS BEEN CONVERTED
----------                INTO INTERNAL TEXT.  IEFVPP4 EFFECTS LINKAGE TO
----------                IEFVPP1 AND IEFVPP2 IN IEFVPP DEPENDING ON THE
----------                STATEMENT BEING PROCESSED.  IEFVPP1 PERFORMS
----------                PRIVATE PROCLIB ALLOCATION.  IEFVPP2 PERFORMS
----------                PRIVATE PROCLIB CONCATENATION AND OPEN.  IEFVPP5
----------                CALLS IEFUJV WITH ENTRY CODE 64, GIVING IEFUJV
----------                AN INTERNAL TEXT EXIT.  THIS CODE IS IN SUPPORT OF
----------                THE JOB STREAM MANAGER.  IF THIS NEW ENTRY INTO
----------                IEFUJV IS NOT DESIRED OR NECESSARY, IT MAY BE
----------                ELIMINATED BY APPROPRIATE CHANGES TO THIS ZAP
----------                OR ASSEMBLING IEFVPP WITHOUT THE INTERNAL TEXT
----------                EXIT OPTION SET.
----------
----------                THE ADDRESSES OF IEFVPP4 AND IEFVPP5 RESIDE IN THE
----------                PRIVATE PROCLIB WORK AREA THAT IS POINTED TO BY THE
----------                ANCHOR WORD THE CONVERTER WORK AREA.  THE OFFSET OF THE
----------                WORD USED TO ANCHOR THE ADDRESS THE OF THE PRIVATE
----------                PROCLIB WORK AREA IN THIS ZAP MUST CORRESPOND TO
----------                THAT USED IN THE ASSEMBLY OF IEFVPP.
----------
----------                                                                */  .

----------++ ZAP   (IEFVFA)  DISTLIB (AOSB3) .

HMA3930    SYSMOD #DYP004 SUCCESSFULLY RECEIVED
```

```
----------++ USERMOD (#DYP005)  .

----------++ VER   (Z038)  FMID (EBB1102)              /* MVS 3.8 BASE */
----------                 PRE (UZ58715
----------                      #DYP001               /* SYSGEN MACRO UPDATE */
----------                      #DYP002               /* NEW MODULE IEFVPP */
----------                      #DYP003               /* ZAP TO IEFVHF */
----------                      #DYP004               /* ZAP TO IEFVFA */
----------                           )
----------              /*
----------
----------              PRIVATE PROCLIB MODIFICATIONS
----------              VERSION R, RELEASE 1, MODIFICATION 0
----------
----------              THIS LOCAL MODIFICATION, ALONG WITH ITS
----------              COMPANION CO-REQUISITES, TOTALLY INTEGRATES THE
----------              NECESSARY SYSTEM MODIFICATIONS FOR DYNAMIC PROCLIB
----------              SUPPORT.
----------
----------              #DYP001  SGIEF441  SYSGEN MACRO UPDATE AND JCLIN
----------              #DYP002  IEFVPP    NEW CONVERTER MODULE
----------              #DYP003  IEFVHF    ZAP FOR LINKAGE TO IEFVPP3
----------              #DYP004  IEFVFA    ZAP FOR LINKAGE TO IEFVPP4 & IEFVPP5
----------              #DYP005  IEFVHE    ZAP FOR INTERPRETER JOBPROC BYPASS
----------
----------              IEFVHE
----------
----------              IEFVHE IS THE INTERPRETER GET AND ROUTE ROUTINE.  THE
----------              ZAP CHANGES IEFVHE TO CHECK FOR A "JOBPROC" DD
----------              STATEMENT AND BYPASS PROCESSING IT.  THIS IS TO KEEP
----------              THE JOBPROC STATEMENT(S) FROM BEING PROCESSED BY THE
----------              INTERPRETER.  IF THIS IS NOT DONE, ANY JOB WITH A
----------              JOBPROC DD STATEMENT WILL RECEIVE A "MISPLACED DD
----------              STATEMENT" JCL ERROR.
----------
----------              THE BYTE USED TO CONTAIN THE FLAG BIT IN THE
----------              INTERNAL TEXT HAS BEEN CHANGED FROM THE FOURTH
----------              TO THE THIRD BYTE.  THIS IS TO ACCOMODATE THE
----------              USE OF THE PREVIOUSLY USED FLAG BY THE CONVERTER
----------              ITSELF.
----------
----------              THIS MODIFICATION DOES NOT NEED TO PRE-REQ OR CO-REQ
----------              ANY OF THE OTHER MODIFICATIONS FOR DYNAMIC PROCLIB,
----------              AS IT DOES NOT HAVE ANY DEPENDANCIES ON THE
----------              EXISTANCE OF THE OTHER CODE.  THE PRE-REQUISITES
----------              LISTED ARE TO INSURE THAT ALL OF THE OTHER PIECES
----------              ARE PROPERLY INSTALLED.  IF THIS MOD IS
----------              LEFT OFF, HOWEVER, ANY JOB THAT CONTAINS "JOBPROC"
----------              DD STATEMENTS WILL RECEIVE A JCL ERROR.
----------
----------                                                                */ .

----------++ ZAP   (IEFVHE)  DISTLIB (AOSB3) .

HMA3930    SYSMOD #DYP005 SUCCESSFULLY RECEIVED
```

```
----------++ USERMOD (#DYPDMY)  .

----------++ VER   (Z038)  FMID (EBB1102)              /* MVS 3.8 BASE */
----------                 PRE (UZ59124
----------                              )
----------              /*
----------
----------              PRIVATE PROCLIB MODIFICATIONS
----------              VERSION 4, RELEASE 1, MODIFICATION 0
----------
----------              THIS LOCAL MODIFICATION, ALONG WITH ITS
----------              COMPANION CO-REQUISITES, TOTALLY INTEGRATES THE
----------              NECESSARY SYSTEM MODIFICATIONS FOR DYNAMIC PROCLIB
----------              SUPPORT.
----------
----------              #DYP001  SGIEF441  SYSGEN MACRO UPDATE AND JCLIN
----------              #DYP002  IEFVPP    NEW CONVERTER MODULE
----------              #DYP003  IEFVHF    ZAP FOR LINKAGE TO IEFVPP3
----------              #DYP004  IEFVFA    ZAP FOR LINKAGE TO IEFVPP4 & IEFVPP5
----------              #DYP005  IEFVHE    ZAP FOR INTERPRETER JOBPROC BYPASS
----------              #DYPDMY  IEFVH1    DUMMY ZAP TO FORCE RELINK OF IEFVH1
----------
----------                                                          */  .

----------++ ZAP   (IEFVH1)  DISTLIB (AOSB3)  .

HMA3930    SYSMOD #DYPDMY SUCCESSFULLY RECEIVED
```

RECEIVE SUMMARY REPORT

SYSMOD	STATUS	TYPE
#DYPDMY	RECEIVED	USERMOD
#DYP001	RECEIVED	USERMOD
#DYP002	RECEIVED	USERMOD
#DYP003	RECEIVED	USERMOD
#DYP004	RECEIVED	USERMOD
#DYP005	RECEIVED	USERMOD

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

HMA2050    HMASMP PROCESSING COMPLETED - HIGHEST RETURN CODE IS 12
```

```
HMA4240    HMASMP EXEC PARM = 'DATE=U'
 APPLY   SELECT(#DYP001,#DYP002,UZ45794)
         CHECK
 .

HMA4180    INLINE JCLIN PROCESSING SUCCESSFUL FOR SYSMOD=#DYP001

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
#DYP001	APPLIED	USERMOD	FBB1221	PRE UZ45794
#DYP002	APPLIED	USERMOD	EBB1102	PRE #DYP001
UZ45794	APPLIED	PTF	FBB1221	REQ UZ90042

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
MAC	SGIEF441	APPLIED	FBB1221	UZ45794	SMPMTS					UZ45794	APPLIED
MUPD		APPLIED								#DYP001	APPLIED
MOD	IEFVPP	APPLIED	EBB1102	#DYP002				IEFVH1	LPALIB	#DYP002	APPLIED

HMA2050   HMASMP PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00

```
 F64-LEVEL LINKAGE EDITOR OPTIONS SPECIFIED SIZE=(500K,80K),NCAL,LIST,LET,XREF,RENT
           VARIABLE OPTIONS USED -  SIZE=(512000,81920)
IEW0000     ENTRY IEFVH1                                                  00000100
IEW0000     INCLUDE SMPWRK3(IEFVPP)                #DYP002
IEW0000             IDENTIFY IEFVPP('#DYP002')
IEW0670              IEFVPP              #DYP002
IEW0000     INCLUDE LPALIB(IEFVH1)
IEW0000     NAME IEFVH1(R)
```

CROSS REFERENCE TABLE

CONTROL SECTION			ENTRY								
NAME	ORIGIN	LENGTH	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
IEFVPP	00	1721								
			IEFVPP0	4E	IEFVPP4	2E8	IEFVPP1	316	IEFVPP2	736
			IEFVPP3	96A	IEFVPP5	DB4	IEFVPPM	EF8		
IEFVHA	1728	434								
IEFVHC	1B60	228								
IEFVHCB	1D88	83C								
IEFVINE	25C8	256								
IEFVHM	2820	4B8								
IEFVHL	2CD8	168								
IEFVINA	2E40	5EC								
IEFVIND	3430	1C4								
IEFVINB	35F8	6C								
IEFVINC	3668	17C								
IEFVHEB	37E8	390								
IEFNB9CR	3B78	26C								
IEFNB9CT	3DE8	8B								
IEFVFA	3E78	269C								
IEFVFB	6518	7C0								
IEFVGM	6CD8	550								
IEFVHQ	7228	198								
IEFVHR	73C0	300								
IEFVHF	76C0	2B4								
IEFVH1	7978	3C8								
			TRACE	7CDC						
IEZNCODE	7D40	188								
IEZDCODE	7EC8	168								
IEFVGM90	8030	94								
			VGM90MOT	8030	VGM90TXT	803C				

LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION
84	TRACE	IEFVH1	344	TRACE	IEFVH1
764	TRACE	IEFVH1	998	TRACE	IEFVH1
2C8	IEFVHA	IEFVHA	1730	TRACE	IEFVH1
1AE4	IEFVIND	IEFVIND	1AE8	IEFVHC	IEFVHC
1AEC	IEFVGM	IEFVGM	1AF0	IEFVHR	IEFVHR
1AF4	IEFVHQ	IEFVHQ	1B68	TRACE	IEFVH1

LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION
1D0C	IEFVGM	IEFVGM	1D10	IEFVHCB	IEFVHCB
1D14	IEFVHEB	IEFVHEB	1D18	IEFVHA	IEFVHA
1D90	TRACE	IEFVH1	2514	IEFVHR	IEFVHR
2518	IEFVGM	IEFVGM	251C	IEFVHA	IEFVHA
2520	IEFVHF	IEFVHF	2524	IEFVHL	IEFVHL
2528	IEFVHM	IEFVHM	252C	IEFVHEB	IEFVHEB
2530	IEFVINA	IEFVINA	25F0	TRACE	IEFVH1
2828	TRACE	IEFVH1	2C04	IEFVHA	IEFVHA
2C08	IEFVHEB	IEFVHEB	2CE0	TRACE	IEFVH1
2DCC	IEFVHA	IEFVHA	2DD0	IEFVHCB	IEFVHCB
2DD4	IEFVHEB	IEFVHEB	2DD8	IEFVHF	IEFVHF
2E4C	TRACE	IEFVH1	3348	IEFVINB	IEFVINB
334C	IEFVINC	IEFVINC	3350	IEFVINE	IEFVINE
3354	IEFVHQ	IEFVHQ	3358	IEFVGM	IEFVGM
335C	IEZNCODE	IEZNCODE	3360	IEFVHR	IEFVHR
3364	IEFVHCB	IEFVHCB	3368	IEFVHA	IEFVHA
343C	TRACE	IEFVH1	3588	IEFVHQ	IEFVHQ
358C	IEZDCODE	IEZDCODE	3604	TRACE	IEFVH1
3694	TRACE	IEFVH1	3778	IEFVHQ	IEFVHQ
37F4	TRACE	IEFVH1	3AD8	IEFVFA	IEFVFA
3ADC	IEFVGM	IEFVGM	3AE0	IEFVHQ	IEFVHQ
3AE4	IEFVHA	IEFVHA	3D44	IEFNB9CT	IEFNB9CT
3E50	IEFVHF	IEFVHF	4590	VGM90TXT	IEFVGM90
458C	VGM90MOT	IEFVGM90	3E80	TRACE	IEFVH1
5C30	IEFVHF	IEFVHF	5C34	IEFVGM	IEFVGM
5C38	IEFVHR	IEFVHR	5C3C	IEFVHQ	IEFVHQ
5C40	IEFVFB	IEFVFB	6524	TRACE	IEFVH1
6C50	IEFVHQ	IEFVHQ	6C54	IEFVGM	IEFVGM
6CE4	TRACE	IEFVH1	705C	IEFVHR	IEFVHR
7234	TRACE	IEFVH1	73CC	TRACE	IEFVH1
76C8	TRACE	IEFVH1	78F8	IEFVHEB	IEFVHEB
78FC	IEFVGM	IEFVGM	7900	IEFVHCB	IEFVHCB
7904	IEFVHA	IEFVHA	7908	IEFVHR	IEFVHR
7C4C	IEFVHA	IEFVHA	7C50	IEFVHF	IEFVHF
7C54	IEFNB9CR	IEFNB9CR	7D4C	TRACE	IEFVH1
7ED4	TRACE	IEFVH1			

ENTRY ADDRESS 7978

TOTAL LENGTH 80C8

****IEFVH1 NOW REPLACED IN DATA SET
AUTHORIZATION CODE IS 0.
**MODULE HAS BEEN MARKED REENTERABLE, AND REUSABLE.

DIAGNOSTIC MESSAGE DIRECTORY

IEW0670 THE SPECIFIED IDENTIFY DATA HAS BEEN ADDED TO THE IDR FOR THE CONTROL SECTION NAME PRINTED.

```
       ./SMP REPRO SSI=52540367,NAME=SGIEF441
IEB817I MEMBER NAME (SGIEF441) NOT FOUND IN NM DIRECTORY.  STOWED WITH TTR.
IEB818I HIGHEST CONDITION CODE WAS 00000000
IEB819I END OF JOB IEBUPDTE.
```

```
./       CHANGE NAME=SGIEF441,LIST=ALL
                MACRO                                                    00250001
                SGIEF441                                                 00260001
               .* CHANGE LEVEL = 05/05/75                          @Z40LPSM 00260104
               .*              = 05/05/75                          @Z40FPSM 00260204
               .*              = 05/30/75                          @ZA03868 00280204
               .*              = 11/03/75                          @Z40BPSM 00380200
               .*              = 12/08/75                          @Z40BPSR 00430200
               .*              = 06/15/76                          @G29ANSJ 00480241
               .*              = 11/19/76  - VS2 SU 16 - IN THIS MACRO, SU 16 @G16AP2F 00530241
               .*                            PROVIDES VPSS SUPPORT (SU 29 -   @G16AP2F 00560241
               .*                                                   G29ANSJ   @G16AP2F 00630241
               .*              = 01/04/77  INCREASE LINKEDIT SIZE FROM (256K,64K)       00680241
               .*                          TO SIZE=(512K,100K) FOR IEFW21SD   @ZA15719 00730241
               .*              = 05/04/78  - VS2 - ADD NEW MODULES FOR         @G64MP2D 00770264
               .*                                  SYSTEM CONTROL PROGRAM 2    @G64MP2D 00800264
               .*              = 11/08/78  MOVE IEEMB811 BACK TO LPALIB        @VS49594 00830264
               .*              = 04/01/79  3800 RAS ENHANCEMENTS SUPPORT       @E0044PJ 00850200
               .*                                                               00880104
               .* CHANGE = Z30LPTH,Y30LPSL,Y02038,YM02651,R00271,               00890100
               .*          YM05804,YM04049,YM04028,YM00581,                     00900100
               .*          YM03315,YM03450,YM04713,YM01063,                     00904100
               .*          YM03736,YM02549,YM02548,YM02527,                     00908100
               .*          YM01965,Y02651,Y02953,Y02038,G64MP2D,G64QPSJ,  @G64MP2D 00912164
               .*          G3800SJ,G64DPSJ,VS49594,E0044PJ                @E0044PJ 00912700
               .*          ZA90902 - TEST FOR TCAM                        @ZA90902 00913400
               .*   NOTE: OZ11865 IS SUPPORTED BY @Z40FPSM   AND          @G16AP2F 00914141
               .*         OZ13462 IS SUPPORTED BY @Z40FPSM                @G16AP2F 00916141
               .*                                                               00920104
                       COPY  SGGBLPAK                    DEFINE GLOBAL SYMBOLS  00960102
              &SGCTRLC(6)  SETC ''             SET NULL PROG NAME          @YM05804 01020102
                       AIF (&GETB(3)).IOGEN1     IS THIS AN I/O SYSGEN ?     Y02953 01100002
              &SGCTRLC(7) SETC '&SGCTRLC(20)'  SET VOLUME FOR LPALIB         Y02953 01300002
              &SGCTRLC(8) SETC '&SGCTRLC(19)'  SET UNIT NAME FOR LPALIB      Y02953 01500002
              &SGCTRLC(9)  SETC 'LPALIB'       DSNAME FOR LPALIB DATA SET    Y02953 01700002
              &SGCTRLC(10) SETC  ',LET'                                            02300019
              &SGCTRLC(11) SETC  ',RENT'   SET RENT FOR LINK EDIT            A36318 02350001
                       COPY  SGLEDPK1                                              02400019
                PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3' Y02953 02500002
                PUNCH '//AOS00 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOS00' Y02953 02530002
                PUNCH '//AOS21 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOS21' Y02953 02560002
                PUNCH '//AOSC5 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSC5' Y02953 02650002
                PUNCH '//AOSCE DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSCE' Y02953 02750002
                PUNCH '//AOST4 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOST4' Y02953 02850002
                       COPY  SGLEDPK2                                              03000019
              .*        SVC 34                                                 Y02953 03400002
                       PUNCH ' INCLUDE AOSB3(IEE0003D)'                      Y02953 06400002
                       PUNCH ' INCLUDE AOSB3(IEE0303D)'                      Y02953 16560002
                       PUNCH ' INCLUDE AOSB3(IEE5403D)'                      Y02953 16570002
                       PUNCH ' INCLUDE AOSB3(IEE0403D)'                      Y02953 16600002
                       PUNCH ' INCLUDE AOSB3(IEE0503D)'                      Y02953 16660002
                       PUNCH ' INCLUDE AOSB3(IEE0603D)'                      Y01040 17900001
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                PUNCH ' INCLUDE AOSC5(IEE6503D)'                    Y02953 18010002
                PUNCH ' INCLUDE AOSC5(IEE6603D)'                    Y02953 18020002
                PUNCH ' INCLUDE AOSB3(IEE7703D)'                    Y02953 18060002
                PUNCH ' INCLUDE AOSB3(IEE7803D)'                    Y02953 18260002
                PUNCH ' INCLUDE AOSB3(IEE6903D)'                    Y02953 18460002
                PUNCH ' INCLUDE AOSB3(IEE6303D)'                    Y02953 18660002
                PUNCH ' INCLUDE AOSB3(IEE6403D)'                    Y02953 18860002
                PUNCH ' INCLUDE AOSB3(IEE3203D)'                   @Y30LPSL 19558803
                PUNCH ' INCLUDE AOSB3(IEE4703D)'                    Y02953 20453202
                PUNCH ' INCLUDE AOSB3(IEE4303D)'                    Y02953 20453702
                AIF (NOT &SGDMGTB(5)).NOTCAM  IF NO TCAM BRANCH     @ZA90902 20456800
                PUNCH ' INCLUDE AOS21(IED1303D)'                    Y02953 20460002
        .NOTCAM  ANOP                                               @ZA90902 20505000
                PUNCH ' INCLUDE AOSB3(IEE5103D)'                    Y02953 20550002
                PUNCH ' INCLUDE AOSB3(IEE5503D)'                    Y02953 20640002
                PUNCH ' INCLUDE AOSB3(IEE7503D)'                    Y02953 20730002
                PUNCH ' INCLUDE AOSB3(IEE6703D)'                    Y02953 20820002
                PUNCH ' INCLUDE AOSB3(IEE6803D)'                    Y02953 20912002
                PUNCH ' INCLUDE AOSB3(IEE8B03D)'                   @G64DPSJ 20916064
                PUNCH ' INCLUDE AOSB3(IEE5903D)'                    Y02953 20920002
                PUNCH ' INCLUDE AOSB3(IEE5603D)'                    Y02953 20930002
                PUNCH ' INCLUDE AOSB3(IEE0703D)'                    Y02953 20940002
                PUNCH ' INCLUDE AOSB3(IEE1403D)'                    Y02953 20950002
                PUNCH ' INCLUDE AOSB3(IEE4103D)'                    Y02953 20960002
                PUNCH ' INCLUDE AOSB3(IEE7203D)'                    Y02953 20995802
                PUNCH ' INCLUDE AOSB3(IEE5703D)'                    Y02953 20995902
                PUNCH ' INCLUDE AOSB3(IEE0803D)'                    Y02953 20996302
                PUNCH ' INCLUDE AOSB3(IEE3503D)'                    Y02953 20996702
                PUNCH ' INCLUDE AOSB3(IEE1603D)'                    Y02953 20997202
                PUNCH ' INCLUDE AOSB3(IEE9403D)'                   @Y30LPSL 20997603
                PUNCH ' INCLUDE AOSC5(IEAVEMRQ)'                    Y02953 20998102
                PUNCH ' INCLUDE AOSC5(IEAVVRP1)'                    Y02953 20998502
                PUNCH ' INCLUDE AOSCE(IGF2503D)'                    Y02953 20998602
                PUNCH ' INCLUDE AOSCE(IGF2603D)'                    Y02953 20998702
                PUNCH ' INCLUDE AOSB3(IEE7103D)'                    Y02953 20998802
                PUNCH ' INCLUDE AOSB3(IEE3703D)'                    Y02953 20999202
                PUNCH ' INCLUDE AOST4(IKJ5803D)'                    Y02953 20999602
                PUNCH ' INCLUDE AOSB3(IEE2903D)'                    Y02953 21000002
                PUNCH ' INCLUDE AOSC5(IEEMB815)'                    Y02953 22425302
                PUNCH ' INCLUDE AOSC5(IEE8603D)'                   @Z40BPSR 22425500
                PUNCH ' INCLUDE AOSB3(ISTCFF3D)'                   @YM03450 22425702
                PUNCH ' INCLUDE AOSCE(IGFDE0)'                      Y02953 22425802
                PUNCH ' INCLUDE AOSCE(IGFDE1)'                      Y02953 22425902
                PUNCH ' INCLUDE AOSCE(IGFDV1)'                      Y02953 22426402
                PUNCH ' ORDER IEE0003D '                            Y02953 22426602
                PUNCH ' ORDER IEE0303D '                            Y02953 22426702
                PUNCH ' ORDER IEE5403D '                            Y02953 22426802
                PUNCH ' ORDER IEE0403D '                            Y02953 22426902
                PUNCH ' ORDER IEE7503D '                            Y02953 22427202
                PUNCH ' ORDER IEE5603D '                            Y02953 22427302
                PUNCH ' ORDER IEE5903D '                            Y02953 22427402
                PUNCH ' ORDER IEE6703D '                            Y02953 22427502
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                 PUNCH ' ORDER IEE7703D '                                 Y02953 22427602
                 PUNCH ' ORDER IEE6803D '                                 Y02953 22427702
                 PUNCH ' ORDER IEE6903D '                                 Y02953 22427802
                 PUNCH ' ORDER IEE6303D '                                 Y02953 22428002
                 PUNCH ' ORDER IEE6403D '                                 Y02953 22428102
                 PUNCH ' ALIAS IGG2103D,IGC0503D,IEE2103D,IEE0503D'       Y02953 22428202
                 PUNCH ' ALIAS IEE7603D'                                 @YM02748 22428302
                 PUNCH ' ENTRY IEE0003D'                                  Y02953 22428402
              PUNCH ' NAME IGC0003D(R) '                                  Y02953 22430102
           .*     VARY  ON/OFF/CONS                                       Y02953 22432502
                 PUNCH ' INCLUDE AOSB3(IEE3603D)'                         Y02953 22440502
                 PUNCH ' INCLUDE AOSB3(IEE3303D)'                         Y02953 22442502
                 PUNCH ' INCLUDE AOSB3(IEE2303D)'                         Y02953 22450502
                 PUNCH ' INCLUDE AOSB3(IEE4203D)'                         Y02953 22460502
                 PUNCH ' INCLUDE AOSB3(IEE4403D)'                         Y02953 22470502
                 PUNCH ' INCLUDE AOSB3(IEE3103D)'                         Y02953 22472502
                 PUNCH ' INCLUDE AOSB3(IEE4603D)'                         Y02953 22474502
                 PUNCH ' INCLUDE AOSB3(IEE4903D)'                         Y02953 22476502
                 PUNCH ' INCLUDE AOSB3(IEE4803D)'                         Y02953 22478502
                 PUNCH ' INCLUDE AOSB3(IEE7303D)'                         Y02953 22478902
                 PUNCH ' INCLUDE AOSB3(IEECB904)'                        @Z30LPTH 22479103
                 PUNCH ' ORDER IEE3103D '                                 Y02953 22479302
                 PUNCH ' ENTRY IEE3603D'                                  Y02953 22480502
              PUNCH ' NAME IEE3603D(R)'                                   Y02953 22530502
           .*     UNLOAD                                                  Y02953 22540502
                 PUNCH ' INCLUDE AOSB3(IEEMB813)'                         Y02953 22580502
              PUNCH ' NAME IEEMB813(R)'                                   Y02953 22647202
           .*      DISPLAY UNITS                                          Y02953 22830602
                 PUNCH ' INCLUDE AOSB3(IEE00110)'                         Y02953 22880602
                 PUNCH ' ALIAS IGC00110'                                  Y02953 22980602
              PUNCH ' NAME IGC0011{(R)'                                   Y02953 23030602
           .*   CONSOLE DUMP                                            Y02953 23732602
                 PUNCH ' INCLUDE AOSB3(IEECB866) '                        Y02953 23740602
              PUNCH ' ENTRY  IEECB866 '                                   Y02953 23750602
              PUNCH ' NAME   IEECB866(R) '                                Y02953 23752602
           .*      HALT/SWITCH                                            Y02953 23754602
                 PUNCH ' INCLUDE AOSB3(IEE70110)'                         Y02953 23760602
                 PUNCH ' INCLUDE AOSB3(IEE90110)'                         Y02953 23762602
              PUNCH ' ENTRY IEE70110'                                     Y02953 23764602
              PUNCH ' NAME IEE70110(R)'                                   Y02953 23770602
           .*           SUBSYSTEM CONSOLE AUTHORITY SUPPORT               Y02038 24070603
              PUNCH ' INCLUDE AOSB3(IEECB900) '                           Y02038 24370603
              PUNCH ' INCLUDE AOSB3(IEECB901) '                           Y02038 24670603
              PUNCH ' ENTRY IEECB900 '                                    Y02038 24970603
              PUNCH ' NAME IEECB900(R) '                                  Y02038 25270603
           .*       LOG SVC'S                                              LMCS 26100019
                 PUNCH ' INCLUDE AOSB3(IEEMB804)'                         Y02953 26400002
              PUNCH ' NAME IGC0003F(R) '                                  Y02953 26500002
                 PUNCH ' INCLUDE AOS00(IEEMB830)'                         Y02953 26550002
                 PUNCH ' INCLUDE AOS00(IEEMB827)'                         Y02953 26600002
                 PUNCH ' ENTRY IEEMB830'                                  Y02953 26650002
              PUNCH ' NAME IGC0008C(R)'                                   Y02953 26700002
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                PUNCH ' INCLUDE AOSB3(IEEPALTR)'                        @YM02748 29700002
              PUNCH ' NAME IEEPALTR(R)'                                 @YM02748 32700002
                PUNCH ' INCLUDE AOSB3(IEEMB879) '                       @G64DPSJ 32750064
                PUNCH ' INCLUDE AOSB3(IEEMB880) '                       @G64DPSJ 32800064
              PUNCH ' ENTRY IEEMB879 '                                  @G64DPSJ 32850064
              PUNCH ' NAME  IEEMB879(R) '                               @G64DPSJ 32900064
                PUNCH ' INCLUDE AOSC5(IEE10110) '                       @G64DPSJ 32950064
              PUNCH ' NAME IGC10110(R) '                                @G64DPSJ 33000064
                PUNCH ' INCLUDE AOSC5(IEE20110) '                       @G64DPSJ 33250064
              PUNCH ' NAME IGC20110(R) '                                @G64DPSJ 33300064
                PUNCH ' INCLUDE AOSC5(IEE21110) '                       @G64DPSJ 33350064
              PUNCH ' NAME IGC21110(R) '                                @G64DPSJ 33400064
                PUNCH ' INCLUDE AOSC5(IEE22110) '                       @G64DPSJ 33450064
              PUNCH ' NAME IGC22110(R) '                                @G64DPSJ 33500064
                PUNCH ' INCLUDE AOSC5(IEE23110) '                       @G64DPSJ 33550064
              PUNCH ' NAME IGC23110(R) '                                @G64DPSJ 33600064
                PUNCH ' INCLUDE AOSC5(IEE40110) '                       @G64DPSJ 33650064
              PUNCH ' NAME IGC40110(R) '                                @G64DPSJ 33700064
                PUNCH '/*'                                                21002 36250002
            .IOGEN1  ANOP                                               Y02953 36253002
            &SGCTRLC(7)  SETC '&SGCTRLC(20)'        SET VOLUME FOR LPALIB   Y02953 36256002
            &SGCTRLC(8)  SETC '&SGCTRLC(19)'        SET UNIT NAME FOR LPALIB Y02953 36262002
            &SGCTRLC(9)  SETC 'LPALIB'              SET  DSNAME             Y02953 36268002
            &SGCTRLC(10) SETC  ',LET'                                       Y02953 36274002
            &SGCTRLC(11) SETC  ',RENT'                                      Y02953 36280002
            &SGCTRLC(12) SETC  ',SIZE=(512K,100K)' SUS AND PTFS INCREASED  @ZA15719 36281041
                  COPY  SGLEDPK1                                            Y02953 36286002
             PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3' Y02953 36292002
             PUNCH '//AOSA0 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSA0' Y02953 36294002
                  COPY  SGLEDPK2                                            Y02953 36298002
            .*********************************************************************** 36304002
            .*                                                                Y02953 36310002
            .*              DEVICE TABLES                                     Y02953 36316002
            .*                                                                Y02953 36322002
            .*********************************************************************** 36328002
                  PUNCH ' INCLUDE SYSPUNCH(IEFWMAS1) '                      Y02953 36334002
               PUNCH ' NAME DEVNAMET(R)'                                    Y02953 36340002
                  PUNCH ' INCLUDE SYSPUNCH(IEFDEVPT) '                    @G64DPSJ 36342064
               PUNCH ' NAME IEFDEVPT(R) '                                 @G64DPSJ 36344064
                  PUNCH ' INCLUDE SYSPUNCH(IEFWMSKA) '                      Y02953 36346002
               PUNCH ' NAME DEVMASKT(R) '                                   Y02953 36352002
               PUNCH ' INCLUDE SYSPUNCH(IEFEDTTB) '                       @G64DPSJ 36353064
                  PUNCH ' ENTRY EDTTAB '                                  @G64DPSJ 36354064
                  PUNCH ' NAME IEFEDTTB(R) '                              @G64DPSJ 36355064
            .*********************************************************************** 36358002
            .*                                                                Y02953 36364002
            .*              ALLOCATION                                        Y02953 36370002
            .*                                                                Y02953 36376002
            .*********************************************************************** 36382002
            .*        ALLOCATION TABLES                                       Y02953 36388002
              PUNCH '      INCLUDE SYSPUNCH(IEFSGOPT) '                      Y02953 36400002
              PUNCH '      INCLUDE SYSPUNCH(IEFYRCDS) '                    @G3800SJ 36406064
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                AIF (&GETB(3)).IOGEN3                                    Y02953 36412064
             PUNCH '      INCLUDE AOSB3(IEFRPREP) '                      Y02953 36418064
             PUNCH '      INCLUDE AOSB3(IEFXVNSL) '                     @YM02749 36424064
          .*   SMF                                                       Y02953 36436002
             PUNCH '       INCLUDE AOSB3(IEFTB721) '                    Y02953 36442002
             PUNCH '       INCLUDE AOSB3(IEFTB722) '                    Y02953 36448002
             PUNCH '       INCLUDE AOSB3(IEFTB720) '                    Y02953 36454002
             PUNCH '       INCLUDE AOSB3(IEFTB723) '                   @YM04713 36457002
             PUNCH '       INCLUDE AOSB3(IEFACTRT) '                    Y02953 36460002
          .*        SEVICE ROUTINES                                     Y02953 36472002
             PUNCH '      INCLUDE AOSB3(IEFAB4DC) '                     Y02953 36474002
             PUNCH '      INCLUDE AOSB3(IEFAB4DD) '                     Y02953 36478002
             PUNCH '      INCLUDE AOSB3(IEFAB4DE) '                     Y02953 36484002
             PUNCH '      INCLUDE AOSB3(IEFAB4E0) '                     Y02953 36496002
             PUNCH '      INCLUDE AOSB3(IEFAB4E1) '                     Y02953 36502002
             PUNCH '      INCLUDE AOSB3(IEFAB4E2) '                     Y02953 36508002
             PUNCH '      INCLUDE AOSB3(IEFAB4E3) '                     Y02953 36514002
             PUNCH '      INCLUDE AOSB3(IEFAB4E4) '                     Y02953 36520002
             PUNCH '      INCLUDE AOSB3(IEFAB4E6) '                     Y02953 36532002
             PUNCH '      INCLUDE AOSB3(IEFAB4E7) '                    @Z40LPSM 36538004
             PUNCH '      INCLUDE AOSB3(IEFAB4E8) '                     Y02953 36544002
             PUNCH '      INCLUDE AOSB3(IEFAB4E9) '                     Y02953 36550002
             PUNCH '      INCLUDE AOSB3(IEFAB4EA) '                     Y02953 36556002
             PUNCH '      INCLUDE AOSB3(IEFAB4EB) '                     Y02953 36562002
             PUNCH '      INCLUDE AOSB3(IEFAB4EC) '                    @Z40LPSM 36568004
             PUNCH '      INCLUDE AOSB3(IEFAB4ED) '                    @Z40FPSM 36574004
             PUNCH '      INCLUDE AOSB3(IEFAB4EE) '                     Y02953 36580002
             PUNCH '      INCLUDE AOSB3(IEFAB4EF) '                     Y02953 36586002
             PUNCH '      INCLUDE AOSB3(IEFAB4F0) '                     Y02953 36592002
             PUNCH '      INCLUDE AOSB3(IEFAB4F1) '                     Y02953 36598002
             PUNCH '      INCLUDE AOSB3(IEFAB4F2) '                     Y02953 36604002
             PUNCH '      INCLUDE AOSB3(IEFAB4F3) '                     Y02953 36610002
             PUNCH '      INCLUDE AOSB3(IEFAB4F4) '                     Y02953 36616002
             PUNCH '      INCLUDE AOSB3(IEFAB4F5) '                     Y02953 36622002
             PUNCH '      INCLUDE AOSB3(IEFAB4F6) '                    @YM04028 36628002
             PUNCH '      INCLUDE AOSB3(IEFAB4F7) '                     Y02953 36634002
             PUNCH '      INCLUDE AOSB3(IEFAB4F8) '                     Y02953 36640002
             PUNCH '      INCLUDE AOSB3(IEFAB4F9) '                     Y02953 36646002
             PUNCH '      INCLUDE AOSB3(IEFAB4FA) '                     Y02953 36652002
             PUNCH '      INCLUDE AOSB3(IEFAB4FC) '                     Y02953 36664002
             PUNCH '      INCLUDE AOSB3(IEFAB4FD) '                     Y02953 36670002
             PUNCH '      INCLUDE AOSB3(IEFAB4FE) '                     Y02953 36676002
             PUNCH '      INCLUDE AOSB3(IEEAB400) '                     Y02953 36684002
             PUNCH '      INCLUDE AOSB3(IEEAB401) '                     Y02953 36686002
             PUNCH '      INCLUDE AOSB3(IEFAB4M4) '                     Y02953 36688002
             PUNCH '      INCLUDE AOSB3(IEFAB4M5) '                     Y02953 36694002
             PUNCH '      INCLUDE AOSB3(IEFAB4M6) '                     Y02953 36700002
             PUNCH '      INCLUDE AOSB3(IEFAB4M7) '                     Y02953 36706002
             PUNCH '      INCLUDE AOSB3(IEFAB4M9) '                     Y02953 36712002
             PUNCH '      INCLUDE AOSB3(IEFAB4UV) '                     Y02038 36715003
          .*        COMMON ALLOCATION/UNALLOCATION                      Y02953 36718002
             PUNCH '      INCLUDE AOSB3(IEFAB421) '                     Y02953 36724002
```

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            PUNCH '      INCLUDE AOSB3(IEFAB422) '                    Y02038 36727003
            PUNCH '      INCLUDE AOSB3(IEFAB423) '                    Y02953 36730002
            PUNCH '      INCLUDE AOSB3(IEFAB424) '                    Y02953 36736002
            PUNCH '      INCLUDE AOSB3(IEFAB425) '                    Y02953 36742002
            PUNCH '      INCLUDE AOSB3(IEFAB426) '                    Y02953 36748002
            PUNCH '      INCLUDE AOSB3(IEFAB427) '                    Y02953 36754002
            PUNCH '      INCLUDE AOSB3(IEFAB428) '                    Y02953 36760002
            PUNCH '      INCLUDE AOSB3(IEFAB430) '                    Y02953 36766002
            PUNCH '      INCLUDE AOSB3(IEFAB431) '                    Y02953 36772002
            PUNCH '      INCLUDE AOSB3(IEFAB432) '                    Y02953 36778002
            PUNCH '      INCLUDE AOSB3(IEFAB433) '                    Y02953 36784002
            PUNCH '      INCLUDE AOSB3(IEFAB434) '                    Y02953 36790002
            PUNCH '      INCLUDE AOSB3(IEFAB435) '                    Y02953 36796002
            PUNCH '      INCLUDE AOSB3(IEFAB436) '                    Y02953 36802002
            PUNCH '      INCLUDE AOSB3(IEFAB440) '                    Y02953 36814002
            PUNCH '      INCLUDE AOSB3(IEFAB441) '                   @YM03736 36816002
            PUNCH '      INCLUDE AOSB3(IEFAB442) '                   @YM03736 36818002
            PUNCH '      INCLUDE AOSB3(IEFAB445) '                    Y02953 36820002
         .*         HOUSEKEEPING                                      Y02953 36826002
            PUNCH '      INCLUDE AOSA0(IDACAT11) '                    Y02953 36828002
            PUNCH '      INCLUDE AOSA0(IDACAT12) '                    Y02953 36830002
            PUNCH '      INCLUDE AOSB3(IEFAB451) '                    Y02953 36832002
            PUNCH '      INCLUDE AOSB3(IEFAB452) '                    Y02953 36838002
            PUNCH '      INCLUDE AOSB3(IEFAB453) '                    Y02953 36844002
            PUNCH '      INCLUDE AOSB3(IEFAB454) '                    Y02953 36850002
            PUNCH '      INCLUDE AOSB3(IEFAB455) '                    Y02953 36856002
            PUNCH '      INCLUDE AOSB3(IEFAB456) '                    Y02953 36862002
            PUNCH '      INCLUDE AOSB3(IEFAB457) '                    Y02953 36868002
            PUNCH '      INCLUDE AOSB3(IEFAB458) '                    Y02953 36874002
            PUNCH '      INCLUDE AOSB3(IEFAB459) '                    Y02953 36880002
            PUNCH '      INCLUDE AOSB3(IEFAB461) '                    Y02953 36886002
            PUNCH '      INCLUDE AOSB3(IEFAB463) '                    Y02953 36892002
            PUNCH '      INCLUDE AOSB3(IEFAB464) '                    Y02953 36898002
            PUNCH '      INCLUDE AOSB3(IEFAB466) '                    Y02953 36904002
            PUNCH '      INCLUDE AOSB3(IEFAB469) '                    Y02953 36906002
            PUNCH '      INCLUDE AOSB3(IEFAB470) '                    Y02953 36910002
         .*         COMMON ALLOCATION/UNALLOCATION                    Y02953 36912002
            PUNCH '      INCLUDE AOSB3(IEFAB471) '                    Y02953 36916002
            PUNCH '      INCLUDE AOSB3(IEFAB472) '                    Y02953 36922002
            PUNCH '      INCLUDE AOSB3(IEFAB473) '                    Y02953 36928002
            PUNCH '      INCLUDE AOSB3(IEFAB474) '                    Y02953 36934002
            PUNCH '      INCLUDE AOSB3(IEFAB475) '                    Y02953 36940002
            PUNCH '      INCLUDE AOSB3(IEFAB476) '                    Y02953 36946002
            PUNCH '      INCLUDE AOSB3(IEFAB477) '                    Y02953 36952002
            PUNCH '      INCLUDE AOSB3(IEFAB478) '                    Y02953 36958002
            PUNCH '      INCLUDE AOSB3(IEFAB479) '                    Y02953 36964002
            PUNCH '      INCLUDE AOSB3(IEFAB480) '                    Y02953 36970002
            PUNCH '      INCLUDE AOSB3(IEFAB481) '                    Y02953 36976002
            PUNCH '      INCLUDE AOSB3(IEFAB485) '                    Y02953 36988002
            PUNCH '      INCLUDE AOSB3(IEFAB486) '                    Y02953 36994002
            PUNCH '      INCLUDE AOSB3(IEFAB487) '                    Y02953 37000002
            PUNCH '      INCLUDE AOSB3(IEFAB488) '                    Y02953 37006002
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               PUNCH '      INCLUDE AOSB3(IEFAB489) '                    Y02953 37008002
               PUNCH '      INCLUDE AOSB3(IEFAB48A) '                    Y02953 37010002
               PUNCH '      INCLUDE AOSB3(IEFAB490) '                    Y02953 37012002
               PUNCH '      INCLUDE AOSB3(IEFAB491) '                    Y02953 37018002
               PUNCH '      INCLUDE AOSB3(IEFAB492) '                    Y02953 37024002
               PUNCH '      INCLUDE AOSB3(IEFAB493) '                    Y02953 37030002
               PUNCH '      INCLUDE AOSB3(IEFAB494) '                    Y02953 37036002
               PUNCH '      INCLUDE AOSB3(IEFAB495) '                    Y02953 37042002
               PUNCH '      INCLUDE AOSB3(IEFAB496) '                    Y02953 37048002
               PUNCH '      INCLUDE AOSB3(IEFAB498) '                    Y02953 37060002
               PUNCH '      INCLUDE AOSB3(IEFAB499) '                    Y02953 37066002
               PUNCH '      INCLUDE AOSB3(IEFAB49A) '                    Y02953 37072002
               PUNCH '      INCLUDE AOSB3(IEFAB49B) '                    Y02953 37078002
               PUNCH '      INCLUDE AOSB3(IEFAB49C) '                    Y02953 37084002
               PUNCH '      INCLUDE AOSB3(IEFAB4A0) '                    Y02953 37090002
               PUNCH '      INCLUDE AOSB3(IEFAB4A2) '                    Y02953 37096002
               PUNCH '      INCLUDE AOSB3(IEFAB4A3) '                   @YM01063 37099002
               PUNCH '      INCLUDE AOSB3(IEFAB4A4) '                    Y02953 37102002
               PUNCH '      INCLUDE AOSB3(IEFAB4A6) '                    Y02953 37108002
               PUNCH '      INCLUDE AOSB3(IEFAB4A8) '                    Y02953 37114002
               PUNCH '      INCLUDE AOSB3(IEFAB4B0) '                    Y02953 37120002
               PUNCH '      INCLUDE AOSB3(IEFAB4B2) '                    Y02953 37126002
               PUNCH '      INCLUDE AOSB3(IEFAB4SF) '                   @E0044PJ 37129000
            .*        DYNAMIC ALLOCATION                                 Y02953 37132002
               PUNCH '      INCLUDE AOSB3(IEFDB4A0) '                    Y02953 37138002
               PUNCH '      INCLUDE AOSB3(IEFDB4A1) '                    Y02953 37144002
               PUNCH '      INCLUDE AOSB3(IEFDB4FA) '                    Y02953 37150002
               PUNCH '      INCLUDE AOSB3(IEFDB4FB) '                    Y02038 37156003
               PUNCH '      INCLUDE AOSB3(IEFDB4FC) '                    Y02953 37162002
               PUNCH '      INCLUDE AOSB3(IEFDB4FD) '                    Y02953 37168002
               PUNCH '      INCLUDE AOSB3(IEFDB4FE) '                    Y02953 37174002
               PUNCH '      INCLUDE AOSB3(IEFDB4FF) '                    Y02953 37180002
               PUNCH '      INCLUDE AOSB3(IEFDB4F9) '                    Y02953 37186002
               PUNCH '      INCLUDE AOSB3(IEFDB4F8) '                    Y02953 37188002
               PUNCH '      INCLUDE AOSB3(IEFDB400) '                    Y02953 37192002
               PUNCH '      INCLUDE AOSB3(IEFDB401) '                    Y02953 37198002
               PUNCH '      INCLUDE AOSB3(IEFDB402) '                    Y02953 37200002
               PUNCH '      INCLUDE AOSB3(IEFDB403) '                    Y02953 37202002
               PUNCH '      INCLUDE AOSB3(IEFDB410) '                    Y02953 37204002
               PUNCH '      INCLUDE AOSB3(IEFDB411) '                    Y02953 37210002
               PUNCH '      INCLUDE AOSB3(IEFDB412) '                    Y02953 37216002
               PUNCH '      INCLUDE AOSB3(IEFDB413) '                    Y02953 37222002
               PUNCH '      INCLUDE AOSB3(IEFDB414) '                    Y02953 37228002
               PUNCH '      INCLUDE AOSB3(IEFDB417) '                    Y02953 37240002
               PUNCH '      INCLUDE AOSB3(IEFDB418) '                    Y02953 37246002
               PUNCH '      INCLUDE AOSB3(IEFDB450) '                    Y02953 37252002
               PUNCH '      INCLUDE AOSB3(IEFDB460) '                    Y02953 37258002
               PUNCH '      INCLUDE AOSB3(IEFDB470) '                    Y02953 37264002
               PUNCH '      INCLUDE AOSB3(IEFDB480) '                    Y02953 37270002
               PUNCH '      INCLUDE AOSB3(IEFDB481) '                    Y02953 37276002
               PUNCH '      INCLUDE AOSB3(IEFDB490) '                    Y02953 37282002
            .*        BATCH ALLOCATION/UNALLOCATION                      Y02953 37288002
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              PUNCH '      INCLUDE AOSB3(IEFBB401) '                    Y02953 37294002
              PUNCH '      INCLUDE AOSB3(IEFBB402) '                    Y02953 37300002
              PUNCH '      INCLUDE AOSB3(IEFBB404) '                    Y02953 37306002
              PUNCH '      INCLUDE AOSB3(IEFBB410) '                    Y02953 37312002
              PUNCH '      INCLUDE AOSB3(IEFBB412) '                    Y02953 37318002
              PUNCH '      INCLUDE AOSB3(IEFBB414) '                    Y02953 37324002
              PUNCH '      INCLUDE AOSB3(IEFBB416) '                    Y02953 37330002
              PUNCH '      INCLUDE AOSB3(IEFBB4M1) '                    Y02953 37336002
              PUNCH '      INCLUDE AOSB3(IEFBB4M2) '                    Y02953 37342002
              PUNCH '      INCLUDE AOSB3(IEFBB4M3) '                    Y02953 37348002
              PUNCH '      INCLUDE AOSB3(IEFBB4M4) '                    Y02953 37354002
              PUNCH '      INCLUDE AOSB3(IEFBB4M5) '                    Y02953 37360002
                    AGO   .IOGEN35                                      Y02953 37366002
            .IOGEN3   ANOP                                              Y02953 37372002
              PUNCH '      INCLUDE SYSLMOD(IEFW21SD) '                  Y02953 37378002
            .IOGEN35  ANOP                                              Y02953 37384002
              PUNCH '      ORDER IEFDB400 '                             Y02953 37390002
              PUNCH '      ORDER IEFDB401 '                             Y02953 37396002
              PUNCH '      ORDER IEFAB4F7(P) '                          Y02953 37402002
              PUNCH '      ORDER IEFAB4F6 '                            @YM04028 37405002
              PUNCH '      ORDER IEFDB4FF '                             Y02953 37408002
              PUNCH '      ORDER IEFDB4FC '                             Y02953 37414002
              PUNCH '      ORDER IEFDB4FA '                             Y02953 37420002
              PUNCH '      ORDER IEFDB410(P) '                          Y02953 37426002
              PUNCH '      ORDER IEFDB412 '                             Y02953 37432002
              PUNCH '      ORDER IEFDB411 '                             Y02953 37438002
              PUNCH '      ORDER IEFAB4DC '                             Y02953 37444002
              PUNCH '      ORDER IEFDB417 '                             Y02953 37450002
              PUNCH '      ORDER IEFAB4E9 '                             Y02953 37456002
              PUNCH '      ORDER IEFAB445 '                             Y02953 37462002
              PUNCH '      ORDER IEFDB413 '                             Y02953 37468002
              PUNCH '      ORDER IEFDB414 '                             Y02953 37474002
              PUNCH '      ORDER IEFDB418 '                             Y02953 37480002
              PUNCH '      ORDER IEFDB4FE '                             Y02953 37486002
              PUNCH '      ORDER IEFDB4F9 '                             Y02953 37486402
              PUNCH '      ORDER IEFDB4F8 '                             Y02953 37488002
              PUNCH '      ORDER IEFDB4FD '                             Y02953 37492002
              PUNCH '      ORDER IEFDB480 '                             Y02953 37498002
              PUNCH '      ORDER IEFDB481 '                             Y02953 37510002
              PUNCH '      ORDER IEFDB4A0 '                             Y02953 37516002
              PUNCH '      ORDER IEFDB4A1 '                             Y02953 37522002
              PUNCH '      ORDER IEFDB470 '                             Y02953 37528002
              PUNCH '      ORDER IEFDB450 '                             Y02953 37534002
              PUNCH '      ORDER IEFDB460 '                             Y02953 37540002
              PUNCH '      ORDER IEFDB490 '                             Y02953 37546002
              PUNCH '      ORDER IEFBB401 '                             Y02953 37552002
              PUNCH '      ORDER IEFAB4FE '                             Y02953 37564002
              PUNCH '      ORDER IEFBB402 '                             Y02953 37570002
              PUNCH '      ORDER IEFBB404 '                             Y02953 37576002
              PUNCH '      ORDER IEFBB4M3 '                             Y02953 37582002
              PUNCH '      ORDER IEFAB451 '                             Y02953 37588002
              PUNCH '      ORDER IEFAB452 '                             Y02953 37594002
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PUNCH '      ORDER IEFAB453 '                    Y02953 37600002
PUNCH '      ORDER IEFAB470 '                    Y02953 37606002
PUNCH '      ORDER IEFAB454 '                    Y02953 37612002
PUNCH '      ORDER IEFAB457 '                    Y02953 37618002
PUNCH '      ORDER IEFAB464 '                    Y02953 37624002
PUNCH '      ORDER IEFAB459 '                    Y02953 37630002
PUNCH '      ORDER IEFAB421 '                    Y02953 37636002
PUNCH '      ORDER IEFAB427 '                    Y02953 37642002
PUNCH '      ORDER IEFAB431 '                    Y02953 37648002
PUNCH '      ORDER IEFAB423 '                    Y02953 37654002
PUNCH '      ORDER IEFAB424 '                    Y02953 37660002
PUNCH '      ORDER IEFAB425 '                    Y02953 37666002
PUNCH '      ORDER IEFAB426 '                    Y02953 37672002
PUNCH '      ORDER IEFAB430 '                    Y02953 37678002
PUNCH '      ORDER IEFAB433 '                    Y02953 37684002
PUNCH '      ORDER IEFAB436(P) '                 Y02953 37690002
PUNCH '      ORDER IEFAB440(P) '                 Y02953 37696002
PUNCH '      ORDER IEFAB4F0 '                    Y02953 37702002
PUNCH '      ORDER IEFAB434(P) '                 Y02953 37708002
PUNCH '      ORDER IEFAB428 '                    Y02953 37714002
PUNCH '      ORDER IEFAB4FC '                    Y02953 37720002
PUNCH '      ORDER IEFAB435(P) '                 Y02953 37726002
PUNCH '      ORDER IEFAB441 '                   @YM03736 37728002
PUNCH '      ORDER IEFAB442 '                   @YM03736 37730002
PUNCH '      ORDER IEFAB432 '                    Y02953 37732002
PUNCH '      ORDER IEFAB490 '                    Y02953 37738002
PUNCH '      ORDER IEFAB4F3 '                    Y02953 37744002
PUNCH '      ORDER IEFAB4FD '                    Y02953 37750002
PUNCH '      ORDER IEFAB471(P) '                 Y02953 37756002
PUNCH '      ORDER IEFAB4FA(P) '                 Y02953 37762002
PUNCH '      ORDER IEFAB473(P) '                 Y02953 37768002
PUNCH '      ORDER IEFAB4M5 '                    Y02953 37774002
PUNCH '      ORDER IEFAB4F9 '                    Y02953 37780002
PUNCH '      ORDER IEFAB4F8 '                    Y02953 37786002
PUNCH '      ORDER IEFAB475 '                    Y02953 37792002
PUNCH '      ORDER IEFAB476 '                    Y02953 37798002
PUNCH '      ORDER IEFAB480 '                    Y02953 37804002
PUNCH '      ORDER IEFAB4F2(P) '                 Y02953 37810002
PUNCH '      ORDER IEFAB492 '                    Y02953 37816002
PUNCH '      ORDER IEFAB493 '                    Y02953 37822002
PUNCH '      ORDER IEFAB494(P) '                 Y02953 37828002
PUNCH '      ORDER IEFAB495 '                    Y02953 37834002
PUNCH '      ORDER IEFBB410(P) '                 Y02953 37840002
PUNCH '      ORDER IEFBB412 '                    Y02953 37846002
PUNCH '      ORDER IEFBB414 '                    Y02953 37852002
PUNCH '      ORDER IEFBB416 '                    Y02953 37858002
PUNCH '      ORDER IEFAB4EC '                   @Z40LPSM 37859004
PUNCH '      ORDER IEFAB4A0 '                    Y02953 37864002
PUNCH '      ORDER IEFAB4A2(P) '                 Y02953 37870002
PUNCH '      ORDER IEFAB4SF    '                @E0044PJ 37873000
PUNCH '      ORDER IEFAB4A4(P) '                 Y02953 37876002
PUNCH '      ORDER IEFAB4A6 '                    Y02953 37882002
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               PUNCH '      ORDER IEFAB4A8 '                          Y02953 37888002
               PUNCH ' ALIAS IGC0009I '                               Y02953 37894002
               PUNCH ' ALIAS IEFAB4DC '                               Y02953 37900002
               PUNCH ' ALIAS IEFBB410 '                               Y02953 37906002
               PUNCH ' ALIAS IEFAB49C '                               Y02953 37912002
               PUNCH ' ALIAS IEFAB4F5 '                               Y02953 37914002
               PUNCH ' ALIAS IEFAB4F4 '                               Y02953 37916002
               PUNCH ' ALIAS IEFAB4UV '                               Y02038 37916503
               PUNCH ' ALIAS IEFAB445 '                              @YM06251 37917002
               PUNCH ' ALIAS IEFAB4EC '                              @Z40LPSM 37917504
               PUNCH ' ALIAS IEFAB4SF '                              @E0044PJ 37917700
               PUNCH ' ENTRY IEFBB401 '                               Y02953 37918002
               PUNCH ' NAME  IEFW21SD(R) '                            Y02953 37924002
                AIF   (&GETB(3)).IOGEN36                             @G64DPSJ 37925064
              .*************************************************************** 37926002
              .*                                                               Y02953 37928002
              .*       SCHEDULER RESOURCE MANAGER                              Y02953 37928402
              .*                                                               Y02953 37928802
              .*************************************************************** 37929202
                PUNCH ' INCLUDE AOSB3(IEFAB4E5) '                            Y02953 37929602
                PUNCH ' INCLUDE AOSB3(IEFAB4F6) '                           @YM04028 37930602
                PUNCH ' CHANGE IEFBR14(IEFAB4E1) '                          @YM04028 37931602
                PUNCH ' INCLUDE AOSB3(IEFBR14) '                            @YM04028 37932602
                PUNCH ' INCLUDE AOSB3(IEFAB4FA) '                            Y02953 37935002
                PUNCH ' INCLUDE AOSB3(IEFAB498) '                            Y02953 37945002
                PUNCH ' ENTRY IEFAB4E5 '                                     Y02953 37945464
                PUNCH ' NAME  IEFAB4E5(R) '                                  Y02953 37947464
              .IOGEN36 ANOP                                                 @G64DPSJ 37949464
                PUNCH '/*'                                                   Y02953 37951464
               AIF (&GETB(3)).IOGEN4                                         Y02953 37953464
              &SGCTRLC(7)  SETC  '&SGCTRLC(20)'      SET VOLUME FOR LPALIB   Y02953 37963002
              &SGCTRLC(8)  SETC  '&SGCTRLC(19)'      SET UNIT NAME FOR LPALIB Y02953 37968402
              &SGCTRLC(9)  SETC  'LPALIB'            SET DSNAME TO LPALIB    Y02953 37973802
              &SGCTRLC(10) SETC  ',LET'                                      Y02953 37979202
              &SGCTRLC(11) SETC  ',RENT'                                     Y02953 37984602
               COPY  SGLEDPK1                PUNCH L.E. JCL DECK           Y02953 37990002
                PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3' Y02953 37995402
                PUNCH '//AOS00 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOS00' Y02953 38000802
               COPY  SGLEDPK2                                                Y02953 38006202
              .*************************************************************** 38011602
              .*                                                               Y02953 38017002
              .*       SCHEDULER RESOURCE MANAGERS                             Y02953 38022402
              .*                                                               Y02953 38027802
              .*************************************************************** 38033202
                PUNCH ' INCLUDE AOSB3(IEFJRECM) '                            Y02953 38038602
                PUNCH ' INCLUDE AOSB3(IEFISEXR) '                            Y02953 38044002
                PUNCH ' ORDER IEFJRECM '                                     Y02953 38049402
                PUNCH ' ORDER IEFISEXR '                                     Y02953 38054802
                PUNCH ' ENTRY IEFJRECM '                                     Y02953 38060202
                PUNCH ' NAME  IEFJRECM(R) '                                  Y02953 38065602
                PUNCH ' INCLUDE AOSB3(IEFIRECM) '                            Y02953 38071002
                PUNCH ' INCLUDE AOSB3(IEFISEXR) '                            Y02953 38076402
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                PUNCH ' ORDER IEFIRECM '                                 Y02953 38081802
                PUNCH ' ORDER IEFISEXR '                                 Y02953 38087202
                PUNCH ' ENTRY IEFIRECM '                                 Y02953 38092602
                PUNCH ' NAME  IEFIRECM(R) '                              Y02953 38098002
          .*************************************************************Y02953 38110002
          .*                                                             Y02953 38116002
          .*                   SMF                                       Y02953 38122002
          .*                                                             Y02953 38128002
          .*************************************************************Y02953 38134002
                PUNCH ' INCLUDE AOS00(IEEMB829)'                         Y02953 38140002
                PUNCH ' INCLUDE AOS00(IEEMB828)'                         Y02953 38146002
                PUNCH ' INCLUDE AOS00(IEEMB825)'                         Y02953 38152002
                PUNCH ' INCLUDE AOS00(IEEMB826)'                         Y02953 38158002
                PUNCH ' INCLUDE AOS00(IEEMB827)'                         Y02953 38164002
                PUNCH ' INCLUDE AOS00(IEFU29)'                          @Z40FPSM 38167000
                PUNCH ' ORDER IEEMB829 '                                 Y02953 38170002
                PUNCH ' ORDER IEFU29'                                   @Z40FPSM 38173000
                PUNCH ' ORDER IEEMB828 '                                 Y02953 38176002
                PUNCH ' ORDER IEEMB825 '                                 Y02953 38182002
                PUNCH ' ORDER IEEMB826 '                                 Y02953 38188002
                PUNCH ' ORDER IEEMB827 '                                 Y02953 38194002
             PUNCH ' ENTRY IEEMB829 '                                    Y02953 38200002
             PUNCH ' NAME  IEEMB829(R) '                                 Y02953 38206002
                  PUNCH ' INCLUDE AOS00(IEFU83)'                         Y02953 38212002
                  PUNCH ' ENTRY IEFU83'                                  Y02953 38218002
             PUNCH ' NAME IEFU83(R)'                                     Y02953 38224002
          .************************************************************* 38230002
          .*                                                            Y02953 38236002
          .*              DISPLAY ACTIVE                                Y02953 38242002
          .*                                                            Y02953 38248002
          .************************************************************* 38254002
                  PUNCH ' INCLUDE AOSB3(IEECB800)'                       Y02953 38260002
                  PUNCH ' INCLUDE AOSB3(IEECB801)'                       Y02953 38266002
                  PUNCH ' ENTRY IEECB800'                                Y02953 38272002
             PUNCH ' NAME IEECB800(R)'                                   Y02953 38278002
          .************************************************************* 38284002
          .*                                                            Y02953 38290002
          .*                 STAE                                       Y02953 38296002
          .*                                                            Y02953 38302002
          .************************************************************* 38308002
                  PUNCH ' INCLUDE AOSB3(IEECB860) '                      Y02953 38314002
             PUNCH ' NAME IEECB860(R) '                                  Y02953 38320002
                  PUNCH ' INCLUDE AOSB3(IEESB665) '                      Y02953 38326002
             PUNCH ' NAME IEESB665(R) '                                  Y02953 38332002
                  PUNCH '/*'                                             Y02953 38338002
        &SGCTRLC(7)  SETC  '&SGCTRLC(20)'       SET VOLUME FOR LPALIB    Y02953 38344002
        &SGCTRLC(8)  SETC  '&SGCTRLC(19)'       SET UNIT NAME FOR LPALIB Y02953 38350002
        &SGCTRLC(9)  SETC  'LPALIB'             SET DSNAME               Y02953 38356002
        &SGCTRLC(10) SETC  ',LET'                                        Y02953 38362002
        &SGCTRLC(11) SETC  ',RENT'                                       Y02953 38374002
                  COPY  SGLEDPK1                PUNCH L. E. JCL DECK     Y02953 38380002
           PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3' Y02953 38386002
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          PUNCH '//AOST4 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOST4'  Y02953 38392002
          PUNCH '//AOSC5 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSC5'  Y02953 38398002
                 COPY  SGLEDPK2                                           Y02953 38404002
         .*********************************************************************** 38410002
         .*                                                                      Y02953 38416002
         .*                  TOD CLOCK                                           Y02953 38422002
         .*                                                                      Y02953 38428002
         .*********************************************************************** 38434002
                PUNCH ' INCLUDE AOSC5(IEAVRTOD) '                                Y02953 38440002
           PUNCH ' ALIAS IEAVRINT,IEAVRSSC '                                     Y02953 38446002
           PUNCH ' ALIAS IEAVRCAN,IEAVRNOT '                                     Y02953 38448002
           PUNCH ' NAME  IEAVRTOD(R) '                                           Y02953 38452002
         .*********************************************************************** 38458002
         .*                                                                      Y02953 38464002
         .*                    MASTER SCHEDULER                                  Y02953 38470002
         .*                                                                      Y02953 38476002
         .*********************************************************************** 38482002
                  PUNCH ' INCLUDE AOSB3(IEEVWAIT)'                               Y02953 38488002
             PUNCH ' NAME IEEVWAIT(R)'                                           Y02953 38494002
                  PUNCH ' INCLUDE AOSB3(IEEVSTAR,IEEVJCL)'                       Y02953 38512002
                  PUNCH ' ENTRY IEEVSTAR '                                       Y02953 38518002
             PUNCH ' NAME IEEVSTAR(R) '                                          Y02953 38524002
                  PUNCH ' INCLUDE AOSB3(IEEPRWI2)'                               Y02953 38530002
             PUNCH ' NAME IEEPRWI2(R) '                                          Y02953 38536002
                  PUNCH ' INCLUDE AOSB3(IEEVMNT1)'                               Y02953 38542002
                  PUNCH ' INCLUDE AOSB3(IEEVJCL)'                                Y02953 38548002
                  PUNCH ' ENTRY IEEVMNT1'                                        Y02953 38554002
             PUNCH ' NAME IEEVMNT1(R) '                                          Y02953 38560002
                  PUNCH ' INCLUDE AOSB3(IEEVMNT2)'                               Y02953 38566002
                  PUNCH ' INCLUDE AOSB3(IEEVSMSG)'                               Y02953 38572002
                  PUNCH ' ENTRY IEEVMNT2'                                        Y02953 38578002
             PUNCH ' NAME IEEVMNT2(R)'                                           Y02953 38584002
                  PUNCH ' INCLUDE AOSB3(IEEMB810)'                               Y02953 38590002
             PUNCH ' NAME IEEMB810(R)'                                           Y02953 38596002
         .*   MOVE LOAD MODULE IEEMB811 BACK TO LPALIB                          @VS49594 38597064
                  PUNCH ' INCLUDE AOSB3(IEEMB811)'                              @G64UPSJ 38598064
                  PUNCH ' INCLUDE AOSB3(IEEMB876)'                              @G64UPSJ 38599064
                  PUNCH ' ENTRY IEEMB811 '                                      @G64UPSJ 38600064
             PUNCH ' NAME IEEMB811(R)'                                          @G64UPSJ 38601064
                  PUNCH ' INCLUDE AOSB3(IEEMB812)'                               Y02953 38602064
                  PUNCH ' INCLUDE AOSC5(IRBMFANL,IRARMIPS)'                     @Z40BPSM 38606064
                  PUNCH ' ORDER IEEMB812(P)'                                    @G64UPSJ 38610064
                  PUNCH ' ORDER IRBMFANL '                                      @G64UPSJ 38614064
                  PUNCH ' ORDER IRARMIPS(P)'                                    @Z40BPSM 38618064
                  PUNCH ' ENTRY IEEMB812 '                                      @G64UPSJ 38622064
             PUNCH ' NAME IEEMB812(R)'                                          @G64UPSJ 38626064
         .*********************************************************************** 38638002
         .*                                                                      Y02953 38644002
         .*                    MASTER SCHEDULER                                  Y02953 38650002
         .*                                                                      Y02953 38656002
         .*********************************************************************** 38662002
                  PUNCH ' INCLUDE AOSB3(IEESB605) '                              Y02953 38668002
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                PUNCH ' INCLUDE AOSB3(IEESB601) '                        Y02953 38674002
                PUNCH ' INCLUDE AOSB3(IEFAB4F6) '                       @YM04049 38677002
                PUNCH ' INCLUDE AOSB3(IEFAB4FC) '                        Y02953 38680002
                PUNCH ' INCLUDE AOSB3(IEFJSWT)'                          Y02953 38692002
                PUNCH ' INCLUDE AOSB3(IEEVSMSG)'                         Y02953 38698002
                PUNCH ' ORDER IEESB605 '                                 Y02953 38704002
                PUNCH ' ORDER IEFJSWT'                                   Y02953 38710002
                PUNCH ' ORDER IEESB601 '                                 Y02953 38716002
                PUNCH ' ORDER IEFAB4FC '                                 Y02953 38728002
                PUNCH ' ORDER IEEVSMSG'                                  Y02953 38734002
             PUNCH ' ENTRY IEESB605 '                                    Y02953 38740002
             PUNCH ' ALIAS IEEVIC,IEEVICER '                             Y02953 38746002
             PUNCH ' NAME  IEESB605(R) '                                 Y02953 38752002
                  PUNCH ' INCLUDE AOSB3(IEESB670) '                      Y02953 38758002
             PUNCH ' NAME  IEESB670(R) '                                 Y02953 38764002
          .*************************************************************** 38764664
          .*                                                            @G64MP2D 38765264
          .*                   MASTER TRACE FACILITY                    @G64MP2D 38765464
          .*                                                            @G64MP2D 38765664
          .*  NOTE: IEEMB808 MUST BE FIRST MODULE IN THE LOAD MODULE    @G64MP2D 38765864
          .*        AND IEEMB816 MUST BE THE LAST                       @G64MP2D 38766064
          .*                                                            @G64MP2D 38766264
          .*************************************************************** 38766464
                  PUNCH ' INCLUDE AOSB3(IEEMB808)'                      @G64MP2D 38766664
                  PUNCH ' INCLUDE AOSB3(IEEMB809)'                      @G64MP2D 38766864
                  PUNCH ' INCLUDE AOSB3(IEEMB816)'                      @G64MP2D 38767064
                  PUNCH ' ORDER IEEMB808(P)'                            @G64MP2D 38767264
                  PUNCH ' ORDER IEEMB809'                               @G64MP2D 38767464
                  PUNCH ' ORDER IEEMB816'                               @G64MP2D 38767664
                  PUNCH ' ALIAS IEEMB809'                               @G64MP2D 38767864
                  PUNCH ' ENTRY IEEMB808'                               @G64MP2D 38768064
                  PUNCH ' NAME  IEEMB808(R)'                            @G64MP2D 38768264
          .*************************************************************** 38770002
          .*                                                              Y02953 38776002
          .*                     CONVERTER                                Y02953 38782002
          .*                                                              Y02953 38788002
          .*************************************************************** 38794002
                  PUNCH ' INCLUDE AOSB3(IEFVHA)'                          Y02953 38806002
                  PUNCH ' INCLUDE AOSB3(IEFVHC,IEFVHCB)'                  Y02953 38818002
                  PUNCH ' INCLUDE AOSB3(IEFVINE,IEFVHM,IEFVHL)'           Y02953 38824002
                  PUNCH ' INCLUDE AOSB3(IEFVINA) '                        Y02953 38830002
                  PUNCH ' INCLUDE AOSB3(IEFVIND) '                        Y02953 38836002
                  PUNCH ' INCLUDE AOSB3(IEFVINB) '                        Y02953 38842002
                  PUNCH ' INCLUDE AOSB3(IEFVINC) '                        Y02953 38848002
                  PUNCH ' INCLUDE AOSB3(IEFVHEB)'                         Y02953 38854002
                  PUNCH ' INCLUDE AOSB3(IEFNB9CR)'                        Y02953 38860002
                  PUNCH ' INCLUDE AOSB3(IEFNB9CT)'                        Y02953 38866002
                  PUNCH ' INCLUDE AOSB3(IEFVFA,IEFVFB)'                   Y02953 38878002
                  PUNCH ' INCLUDE AOSB3(IEFVGM) '                         Y02953 38884002
                  PUNCH ' INCLUDE AOSB3(IEFVHQ)'                          Y02953 38890002
                  PUNCH ' INCLUDE AOSB3(IEFVHR)'                          Y02953 38896002
                  PUNCH ' INCLUDE AOSB3(IEFVHF)'                          Y02953 38902002
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                PUNCH '        CHANGE IEFVHA(IEFVPP0) PRIVATE PROCLIB' #DYP001 38907099     *          INSERTED*
                PUNCH ' INCLUDE AOSB3(IEFVH1)'                          Y02953 38908002
                PUNCH ' INCLUDE AOSB3(IEZNCODE) '                       Y02953 38914002
                PUNCH ' INCLUDE AOSB3(IEZDCODE) '                       Y02953 38920002
                PUNCH ' INCLUDE AOSB3(IEFVGM90) '                      @G29ANSJ 38970041
          *     NEW CSECT FOR PRIVATE PROCLIB                           #DYP001 38971099     *          INSERTED*
                PUNCH '         INCLUDE AOSB3(IEFVPP) PRIVATE PROCLIB' #DYP001 38972099     *          INSERTED*
                PUNCH ' ENTRY IEFVH1'                                   Y02953 39022002
             PUNCH ' NAME IEFVH1(R)'                                    Y02953 39028002
          .*************************************************************** 39034002
          .*                                                            Y02953 39040002
          .*              INTERPRETER                                   Y02953 39050002
          .*                                                            Y02953 39052002
          .*************************************************************** 39058002
                PUNCH ' INCLUDE AOSB3(IEFVHE)'                          Y02953 39064002
                PUNCH ' INCLUDE AOSB3(IEFVJA,IEFVEA,IEFVGK,IEFVGT)'     Y02953 39070002
                PUNCH ' INCLUDE AOSB3(IEFVDA,IEFVGI,IEFVGS,IEFVDBSD)'   Y02953 39076002
                PUNCH ' INCLUDE AOSB3(IEFVHH) '                         Y02953 39082002
                PUNCH ' INCLUDE AOSB3(IEFVGM) '                         Y02953 39088002
                PUNCH ' INCLUDE AOSB3(IEFVHQ)'                          Y02953 39094002
                PUNCH ' INCLUDE AOSB3(IEFVHR)'                          Y02953 39100002
                PUNCH ' INCLUDE AOSB3(IEFVHN)'                          Y02953 39112002
                PUNCH ' INCLUDE AOSB3(IEFNB903)'                        Y02953 39118002
                PUNCH ' INCLUDE AOSB3(IEFNB901)'                        Y02953 39120002
                PUNCH ' INCLUDE AOSB3(IEFNB9IR)'                        Y02953 39124002
                PUNCH ' INCLUDE AOSB3(IEFNB9IT)'                        Y02953 39130002
             PUNCH ' ENTRY IEFNB903 '                                   Y02953 39142002
             PUNCH ' NAME IEFNB903(R)'                                  Y02953 39148002
                  PUNCH ' INCLUDE AOSB3(IEFNB902) '                     Y02953 39196002
             PUNCH ' NAME IEFVAMP(R) '                                  Y02953 39202002
                  PUNCH '/*'                                            Y02953 39256002
          &SGCTRLC(7)    SETC   '&SGCTRLC(20)'    SET VOLUME ID FOR LPALIB Y02953 39268002
          &SGCTRLC(8)    SETC   '&SGCTRLC(19)'    SET UNIT NAME FOR LPALIB Y02953 39274002
          &SGCTRLC(9)    SETC   'LPALIB'          SET DSNAME               Y02953 39280002
          &SGCTRLC(10)   SETC   ',LET'             SET PARMS FOR L.E.      Y02953 39286002
          &SGCTRLC(11)   SETC   ',RENT'            SET REENTRANT FOR L.E.  Y02953 39292002
                  COPY  SGLEDPK1                                        Y02953 39298002
            PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3' Y02953 39304002
            PUNCH '//AOSA1 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSA1' Y02953 39310002
                  COPY  SGLEDPK2                                        Y02953 39316002
          .*************************************************************** 39328002
          .*                                                            Y02953 39334002
          .*                   BR14                                     Y02953 39340002
          .*                                                            Y02953 39346002
          .*************************************************************** 39352002
                  PUNCH ' INCLUDE AOSB3(IEFBR14)'                       Y02953 39358002
             PUNCH ' NAME IEFBR14(R)'                                   Y02953 39364002
          .*************************************************************** 39366002
          .*                                                            Y02953 39368002
          .*                   RESTART                                  Y02953 39368402
          .*                                                            Y02953 39368802
          .*************************************************************** 39369202
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               PUNCH ' INCLUDE AOSB3(IEFIB600)'                        Y02953 39370002
               PUNCH ' INCLUDE AOSB3(IEFIB645)'                        Y02953 39376002
               PUNCH ' INCLUDE AOSB3(IEFIB605,IEFXB601)'               Y02953 39382002
               PUNCH ' INCLUDE AOSB3(IEFXB603,IEFXB609)'               Y02953 39388002
               PUNCH ' INCLUDE AOSA1(IDAVBPJ2,IDDWIMRG) '              Y02953 39394002
               PUNCH ' ORDER IEFIB600'                                 Y02953 39430002
               PUNCH ' ORDER IEFIB605'                                 Y02953 39436002
               PUNCH ' ORDER IEFXB601'                                 Y02953 39442002
               PUNCH ' ORDER IDAVBPJ2,IDDWIMRG '                       Y02953 39448002
               PUNCH ' ORDER IEFIB645'                                 Y02953 39454002
               PUNCH ' ORDER IEFXB603,IEFXB609'                        Y02953 39460002
               PUNCH ' ALIAS IEFXB603 '                                Y02953 39466002
            PUNCH ' ENTRY IEFIB600 '                                   Y02953 39469002
            PUNCH ' NAME IEFIB600(R)'                                  Y02953 39472002
               PUNCH ' INCLUDE AOSB3(IEFXB602)'                        Y02953 39484002
               PUNCH ' ALIAS IEF602'                                   Y02953 39490002
            PUNCH ' NAME IEFXB602(R)'                                  Y02953 39496002
            PUNCH '      INCLUDE AOSB3(IEFXB610) '                     Y02953 39498002
            PUNCH ' NAME  IEFXB610(R) '                                Y02953 39500002
          .************************************************************ 39502002
          .*                                                           Y02953 39508002
          .*                   DISPLAY CONSOLES                        Y02953 39514002
          .*                                                           Y02953 39520002
          .************************************************************ 39526002
               PUNCH ' INCLUDE AOSB3(IEEXEDNA)'                        Y02953 39532002
               PUNCH ' ENTRY IEEXEDNA'                                    MCS 39538002
            PUNCH ' NAME IEEXEDNA(R) '                                 Y02953 39544002
            PUNCH '/*  '                                               Y02953 39550002
               AIF (&GETB(3)).IOGEN8                                         39553002
          &SGCTRLC(7)  SETC  '&SGCTRLC(20)'       SET VOLUME FOR LPALIB    Y02953 39556002
          &SGCTRLC(8)  SETC  '&SGCTRLC(19)'       SET UNIT FOR LPALIB      Y02953 39562002
          &SGCTRLC(9)  SETC  'LPALIB'             SET DSNAME               Y02953 39568002
          &SGCTRLC(10) SETC  ',LET'                                        Y02953 39574002
          &SGCTRLC(11) SETC  ',RENT'                                       Y02953 39580002
          &SGCTRLC(12) SETC  ',AC=1'                                       Y02953 39586002
               COPY  SGLEDPK1                                              Y02953 39592002
           PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3'  Y02953 39598002
               COPY  SGLEDPK2                                              Y02953 39610002
          .************************************************************ 39616002
          .*                                                           Y02953 39622002
          .*                     RESTART                               Y02953 39628002
          .*                                                           Y02953 39634002
          .************************************************************ 39640002
            PUNCH '      INCLUDE AOSB3(IEFRSTRT) '                     Y02953 39646002
            PUNCH ' ALIAS IEFSMR '                                     Y02953 39658002
            PUNCH ' NAME  IEFRSTRT(R) '                                Y02953 39664002
            PUNCH '/* '                                                Y02953 39682002
          .IOGEN4  ANOP                                               @G3800SJ 39684064
               AIF   (&GETB(3) AND NOT &SGMENTB(38)).IOGEN9           @G3800SJ 39686064
          &SGCTRLC(7)  SETC  '&SGCTRLC(20)'       SET VOLUME FOR LPALIB    Y02953 39688002
          &SGCTRLC(8)  SETC  '&SGCTRLC(19)'       SET UNIT FOR LPALIB      Y02953 39694002
          &SGCTRLC(9)  SETC  'LPALIB'             SET DSNAME               Y02953 39700002
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         &SGCTRLC(10) SETC  ',LET'                                      Y02953 39706002
         &SGCTRLC(11) SETC  ',RENT'                                     Y02953 39712002
                 COPY  SGLEDPK1                                         Y02953 39724002
          PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3'  Y02953 39730002
                 COPY  SGLEDPK2                                         Y02953 39736002
                 AIF   (&GETB(3)).IOGEN5                               @G3800SJ 39739064
         .*************************************************************** 39742002
         .*                                                             Y02953 39748002
         .*                     MASTER SCHEDULER                        Y02953 39754002
         .*                                                             Y02953 39760002
         .*************************************************************** 39766002
                 PUNCH ' INCLUDE AOSB3(IEEPRTN2)  '                     Y02953 39772002
                 PUNCH ' ALIAS IEERGN '                                 Y02953 39778002
            PUNCH ' NAME IEEPRTN(R) '                                   Y02953 39784002
            PUNCH '      INCLUDE AOSB3(IEFJSREQ) '                      Y02953 39790002
            PUNCH ' NAME  IEFJSREQ(R) '                                 Y02953 39796002
            PUNCH '      INCLUDE AOSB3(IEFJSDTN) '                      Y02953 39802002
            PUNCH ' NAME  IEFJSDTN(R) '                                 Y02953 39808002
            PUNCH '      INCLUDE AOSB3(IEFJRASP) '                      Y02953 39814002
            PUNCH ' NAME  IEFJRASP(R) '                                 Y02953 39820002
            PUNCH '      INCLUDE AOSB3(IEFJDSNA) '                      Y02953 39826002
            PUNCH ' NAME  IEFJDSNA(R) '                                 Y02953 39832002
            PUNCH '      INCLUDE AOSB3(IEFJJTRM) '                      Y02953 39834002
            PUNCH ' NAME  IEFJJTRM(R) '                                 Y02953 39836002
                 PUNCH ' INCLUDE AOSB3(IEFJJOBS) '                      Y02953 39838002
                 PUNCH ' INCLUDE AOSB3(IEFJCNTL) '                      Y02953 39844002
                 PUNCH ' INCLUDE AOSB3(IEFJWTOM) '                      Y02953 39850002
                 PUNCH ' INCLUDE AOSB3(IEFJJCLS) '                      Y02953 39856002
                 PUNCH ' INCLUDE AOSB3(IEFJCDLT) '                      Y02953 39862002
                 PUNCH ' INCLUDE AOSB3(IEFJACTL) '                      Y02953 39868002
                 PUNCH ' INCLUDE AOSB3(IEFJREAD) '                      Y02953 39874002
                 PUNCH ' INCLUDE AOSB3(IEFJWRTE) '                      Y02953 39880002
                 PUNCH ' INCLUDE AOSB3(IEFJDIRD) '                      Y02953 39886002
                 PUNCH ' INCLUDE AOSB3(IEFJDWRT) '                      Y02953 39892002
                 PUNCH ' ORDER IEFJJOBS '                               Y02953 39898002
                 PUNCH ' ORDER IEFJJCLS '                               Y02953 39904002
                 PUNCH ' ORDER IEFJCNTL '                               Y02953 39910002
                 PUNCH ' ORDER IEFJCDLT '                               Y02953 39916002
                 PUNCH ' ORDER IEFJACTL '                               Y02953 39922002
                 PUNCH ' ORDER IEFJREAD '                               Y02953 39928002
                 PUNCH ' ORDER IEFJWRTE '                               Y02953 39934002
                 PUNCH ' ORDER IEFJDWRT '                               Y02953 39940002
                 PUNCH ' ORDER IEFJWTOM '                               Y02953 39946002
                 PUNCH ' ORDER IEFJDIRD '                               Y02953 39952002
            PUNCH ' ENTRY IEFJJOBS '                                    Y02953 39958002
            PUNCH ' NAME  IEFJSUBI(R) '                                 Y02953 39964002
         .*************************************************************** 39970002
         .*                                                             Y02953 39976002
         .*                     INITIATOR                               Y02953 39982002
         .*                                                             Y02953 39988002
         .*************************************************************** 39994002
         .IOGEN5  ANOP                                                 @G3800SJ 39995064
```

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                PUNCH ' INCLUDE SYSPUNCH(IEFSDPPT) '                  @G3800SJ 39996064
                AIF   (&GETB(3)).IOGEN6                               @G3800SJ 39997064
                PUNCH ' INCLUDE AOSB3(IEFIIC) '                         Y02953 40000002
                PUNCH ' INCLUDE AOSB3(IEFSD160) '                       Y02953 40006002
                PUNCH ' INCLUDE AOSB3(IEFIB620) '                       Y02953 40012002
                PUNCH ' INCLUDE AOSB3(IEFIB621) '                       Y02953 40018002
                PUNCH ' INCLUDE AOSB3(IEFI922B) '                       Y02953 40024002
                PUNCH ' INCLUDE AOSB3(IEFIB650) '                       Y02953 40030002
                PUNCH ' INCLUDE AOSB3(IEFSD161) '                       Y02953 40036002
                PUNCH ' INCLUDE AOSB3(IEFDSTBL) '                       Y02953 40042002
                PUNCH ' INCLUDE AOSB3(IEFDSLST) '                       Y02953 40048002
                PUNCH ' INCLUDE AOSB3(IEFICPUA) '                       Y02953 40050002
                PUNCH ' INCLUDE AOSB3(IEFIMASK) '                       Y02953 40052002
                PUNCH ' INCLUDE AOSB3(IEFSD101) '                       Y02953 40054002
                PUNCH ' INCLUDE AOSB3(IEFSMFIE) '                       Y02953 40060002
                PUNCH ' INCLUDE AOSB3(IEFUJI) '                         Y02953 40066002
                PUNCH ' INCLUDE AOSB3(IEFUSI) '                         Y02953 40072002
                PUNCH ' INCLUDE AOSB3(IEFSD102) '                       Y02953 40084002
                PUNCH ' INCLUDE AOSB3(IEFSD162) '                       Y02953 40090002
                PUNCH ' INCLUDE AOSB3(IEFICATL) '                       Y02953 40096002
                PUNCH ' INCLUDE AOSB3(IEFQB585) '                       Y02953 40102002
                PUNCH ' INCLUDE AOSB3(IEFXB604) '                       Y02953 40108002
                PUNCH ' INCLUDE AOSB3(IEFXB500) '                       Y02953 40114002
                PUNCH ' INCLUDE AOSB3(IEFSD103) '                       Y02953 40120002
                PUNCH ' INCLUDE AOSB3(IEFSD263) '                       Y02953 40126002
                PUNCH ' INCLUDE AOSB3(IEFAB820) '                       Y02953 40132002
                PUNCH ' INCLUDE AOSB3(IEFIB660) '                       Y02953 40134002
                PUNCH ' INCLUDE AOSB3(IEFUTL) '                         Y02953 40138002
                PUNCH ' INCLUDE AOSB3(IEFSD164) '                       Y02953 40144002
                PUNCH ' INCLUDE AOSB3(IEFSD166) '                       Y02953 40150002
                AGO   .IOGEN7                                         @G3800SJ 40151064
.IOGEN6         ANOP                                                  @G3800SJ 40152064
                PUNCH ' INCLUDE SYSLMOD(IEFSD060)'                    @G3800SJ 40153064
.IOGEN7         ANOP                                                  @G3800SJ 40154064
                PUNCH ' ORDER IEFIIC  '                                 Y02953 40156002
                PUNCH ' ORDER IEFSD060  '                               Y02953 40162002
                PUNCH ' ORDER IEFIB620  '                               Y02953 40168002
                PUNCH ' ORDER IEFIB621  '                               Y02953 40174002
                PUNCH ' ORDER IEFI922B  '                               Y02953 40180002
                PUNCH ' ORDER IEFIB650  '                               Y02953 40186002
                PUNCH ' ORDER IEFSD061  '                               Y02953 40192002
                PUNCH ' ORDER IEFDSTBL  '                               Y02953 40198002
                PUNCH ' ORDER IEFDSLST  '                               Y02953 40204002
                PUNCH ' ORDER IEFICPUA '                                Y02953 40206002
                PUNCH ' ORDER IEFIMASK '                                Y02953 40208002
                PUNCH ' ORDER IEFSD101  '                               Y02953 40210002
                PUNCH ' ORDER IEFSMFIE  '                               Y02953 40216002
                PUNCH ' ORDER IEFUJI  '                                 Y02953 40222002
                PUNCH ' ORDER IEFUSI  '                                 Y02953 40228002
                PUNCH ' ORDER IEFSDPPT  '                               Y02953 40234002
                PUNCH ' ORDER IEFSD102  '                               Y02953 40240002
                PUNCH ' ORDER IEFSD062  '                               Y02953 40246002
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                PUNCH ' ORDER IEFICATL  '                                Y02953 40252002
                PUNCH ' ORDER IEFQB585  '                                Y02953 40258002
                PUNCH ' ORDER IEFXB604  '                                Y02953 40264002
                PUNCH ' ORDER IEFXB500  '                                Y02953 40270002
                PUNCH ' ORDER IEFSD103  '                                Y02953 40276002
                PUNCH ' ORDER IEFSD263  '                                Y02953 40282002
                PUNCH ' ORDER IEFAB820  '                                Y02953 40288002
                PUNCH ' ORDER IEFIB660  '                                Y02953 40290002
                PUNCH ' ORDER IEFUTL  '                                  Y02953 40294002
                PUNCH ' ORDER IEFSD064  '                                Y02953 40300002
                PUNCH ' ORDER IEFSD066  '                                Y02953 40306002
             PUNCH ' ALIAS IEFIIC '                                      Y02953 40312002
             PUNCH ' ENTRY IEFSD060'                                     Y02953 40318002
             PUNCH ' NAME IEFSD060(R)'                                   Y02953 40324002
                  AIF    (&GETB(3)).IOGEN8                             @G3800SJ 40327064
                  PUNCH  ' INCLUDE AOSB3(IEFUJV)'                        Y02953 40330002
             PUNCH ' NAME IEFUJV(R)'                                     Y02953 40336002
          .**************************************************************** 40342002
          .*                                                             Y02953 40348002
          .*                   SWA MANAGER                               Y02953 40354002
          .*                                                             Y02953 40360002
          .**************************************************************** 40366002
                  PUNCH ' INCLUDE AOSB3(IEFQB550,IEFQB555)'              Y02953 40372002
                  PUNCH ' INCLUDE AOSB3(IEFQB580) '                      Y02953 40378002
                  PUNCH ' INCLUDE AOSB3(IEFXB500) '                      Y02953 40384002
                  PUNCH ' ORDER IEFQB550(P) '                            Y02953 40390002
                  PUNCH ' ORDER IEFQB555 '                               Y02953 40396002
                  PUNCH ' ORDER IEFQB580 '                               Y02953 40402002
                  PUNCH ' ORDER IEFXB500 '                               Y02953 40408002
                  PUNCH ' ALIAS IEFQB555,IEFQB580 '                      Y02953 40414002
                  PUNCH ' ALIAS IEFXB500 '                               Y02953 40420002
                  PUNCH ' ENTRY IEFQB550'                                Y02953 40426002
             PUNCH ' NAME IEFQB550(R)'                                   Y02953 40432002
                  PUNCH ' INCLUDE AOSB3(IEFQB585)'                       Y02953 40438002
                  PUNCH ' ALIAS IEFQBVMS,IEFQMLK1'                       Y02953 40444002
                  PUNCH ' ALIAS IEFQMSSS,IEFQMRAW '                      Y02953 40450002
                  PUNCH ' ALIAS IEFQAGST,IEFQASGN '                      Y02953 40456002
                  PUNCH ' ALIAS IEFQDELQ,IEFQDELE '                      Y02953 40462002
                  PUNCH ' ALIAS IEFQASGQ'                                Y02953 40468002
                  PUNCH ' ENTRY IEFQB585'                                Y02953 40474002
             PUNCH ' NAME IEFQB585(R) '                                  Y02953 40480002
          .**************************************************************** 40698102
          .*                                                               40698202
          .*                   INTERPRETER                                 40698302
          .*                                                               40748302
          .**************************************************************** 40758302
                  PUNCH ' INCLUDE AOSB3(IEFVGM1)'                        Y02953 40768302
             PUNCH ' NAME IEFVGM1(R)'                                        40778302
                  PUNCH ' INCLUDE AOSB3(IEFVGM2)'                        Y02953 40788302
             PUNCH ' NAME IEFVGM2(R)'                                        40790302
                  PUNCH ' INCLUDE AOSB3(IEFVGM3)'                        Y02953 40792302
             PUNCH ' NAME IEFVGM3(R)'                                        40794302
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                PUNCH ' INCLUDE AOSB3(IEFVGM4)'                    Y02953 40796302
              PUNCH ' NAME IEFVGM4(R)'                                     40796702
                PUNCH ' INCLUDE AOSB3(IEFVGM5)'                    Y02953 40797102
              PUNCH ' NAME IEFVGM5(R)'                                     40797502
                PUNCH ' INCLUDE AOSB3(IEFVGM6)'                    Y02953 40797902
              PUNCH ' NAME IEFVGM6(R)'                                     40798002
                PUNCH ' INCLUDE AOSB3(IEFVGM7)'                    Y02953 40798102
              PUNCH ' NAME IEFVGM7(R)'                                     40798202
                PUNCH ' INCLUDE AOSB3(IEFVGM8)'                    Y02953 40848202
              PUNCH ' NAME IEFVGM8(R)'                                     40858202
                PUNCH ' INCLUDE AOSB3(IEFVGM9)'                    Y02953 40868202
              PUNCH ' NAME IEFVGM9(R)'                                     40878202
                PUNCH ' INCLUDE AOSB3(IEFVGM10)'                   Y02953 40888202
              PUNCH ' NAME IEFVGM10(R)'                                    40890202
                PUNCH ' INCLUDE AOSB3(IEFVGM11)'                   Y02953 40892202
              PUNCH ' NAME IEFVGM11(R)'                                    40894202
                PUNCH ' INCLUDE AOSB3(IEFVGM12)'                   Y02953 40896202
              PUNCH ' NAME IEFVGM12(R)'                                    40896602
                PUNCH ' INCLUDE AOSB3(IEFVGM13)'                   Y02953 40897002
              PUNCH ' NAME IEFVGM13(R)'                                    40897402
                PUNCH ' INCLUDE AOSB3(IEFVGM14)'                   Y02953 40897802
              PUNCH ' NAME IEFVGM14(R)'                                    40897902
                PUNCH ' INCLUDE AOSB3(IEFVGM15)'                   Y02953 40898002
              PUNCH ' NAME IEFVGM15(R)'                                    40898102
                PUNCH ' INCLUDE AOSB3(IEFVGM16)'                   Y02953 40948102
              PUNCH ' NAME IEFVGM16(R)'                                    40958102
                PUNCH ' INCLUDE AOSB3(IEFVGM17)'                   Y02953 40968102
              PUNCH ' NAME IEFVGM17(R)'                                    40978102
                PUNCH ' INCLUDE AOSB3(IEFVGM18)'                   Y02953 40988102
              PUNCH ' NAME IEFVGM18(R)'                                    40990102
                PUNCH ' INCLUDE AOSB3(IEFVGM19)'                   Y02953 40992102
              PUNCH ' NAME IEFVGM19(R)'                                    40994102
                PUNCH ' INCLUDE AOSB3(IEFVGM67)'                   Y02953 40996102
              PUNCH ' NAME IEFVGM67(R)'                             20002 40996502
                PUNCH ' INCLUDE AOSB3(IEFVGM70)'                   Y02953 40996902
              PUNCH ' NAME IEFVGM70(R)'                                    40997302
                PUNCH ' INCLUDE AOSB3(IEFVGM71) '                  Y02953 40997702
              PUNCH ' NAME IEFVGM71(R) '                            O106 40997802
                PUNCH ' INCLUDE AOSB3(IEFVGM76) '                  Y02953 40997902
              PUNCH ' NAME IEFVGM76(R) '                            20002 40998002
                PUNCH ' INCLUDE AOSB3(IEFVGM78)'                   Y02953 41048002
              PUNCH ' NAME IEFVGM78(R)'                            Y02953 42048002
            .IOGEN8  ANOP                                         @G3800SJ 43048064
                     PUNCH '/*  '                                   Y02953 43098064
            .IOGEN9  ANOP                                         @G3800SJ 43148064
                     SGIKJ441                                       Y02953 43198064
            .END     MEND                                                 43248064
IEB816I MEMBER NAME (SGIEF441) FOUND IN NM DIRECTORY. TTR IS NOW ALTERED.
IEB818I HIGHEST CONDITION CODE WAS 00000000
IEB819I END OF JOB IEBUPDTE.
```

```
HMA4240    HMASMP EXEC PARM = 'DATE=U'
 APPLY   SELECT(#DYP001,#DYP002,UZ45794)
         DIS(WRITE)
 .
HMA4140    SMPCDS DIRECTORY SUCCESSFULLY LOADED FOR IN-STORAGE UPDATE OPERATIONS

HMA4180    INLINE JCLIN PROCESSING SUCCESSFUL FOR SYSMOD=#DYP001

HMA2160    UPDATE SUCCESSFUL - MEMBER=SGIEF441 - LIBRARY=SMPMTS - SYSMOD=UZ45794 - RETURN CODE=00
HMA2270    APPLY PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD UZ45794
HMA2160    UPDATE SUCCESSFUL - MEMBER=SGIEF441 - LIBRARY=SMPMTS - SYSMOD=#DYP001 - RETURN CODE=00
HMA2270    APPLY PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD #DYP001
HMA2390    LINK SUCCESSFUL - MOD=IEFVPP - LMOD=IEFVH1 - LIBRARY=LPALIB - SYSMOD=#DYP002 - RETURN CODE=00
HMA2270    APPLY PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD #DYP002
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
#DYP001	APPLIED	USERMOD	FBB1221	PRE UZ45794
#DYP002	APPLIED	USERMOD	EBB1102	PRE #DYP001
UZ45794	APPLIED	PTF	FBB1221	REQ UZ90042

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
MAC	SGIEF441	APPLIED	FBB1221	UZ45794	SMPMTS					UZ45794	APPLIED
MUPD		APPLIED								#DYP001	APPLIED
MOD	IEFVPP	APPLIED	EBB1102	#DYP002				IEFVH1	LPALIB	#DYP002	APPLIED

HMA2050   HMASMP PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00

```
HMA4240    HMASMP EXEC PARM = 'DATE=U'
 APPLY   SELECT(#DYPDMY)
         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
#DYPDMY	APPLIED	USERMOD	EBB1102	PRE UZ59124

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
S/ZAP	IEFVH1	APPLIED	EBB1102					IEFVH1	LPALIB	#DYPDMY	APPLIED

HMA2050   HMASMP PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVH1   IN PTF #DYPDMY *****
 NAME     IEFVH1   IEFVH1
*
*
         VER   0300 0000           VERIFY ALL ZEROS IN PATCH AREA
*
*
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVH1   IN PTF #DYPDMY *****
 NAME     IEFVH1   IEFVH1
*
*
*
          REP   0300 0000           REPLACE WITH SAME
AMA122I OLD DATA WAS 0000
*
          IDRDATA #DYPDMY
AMA125I IEFVH1   IDR COUNT = 01 (MAX=19)
AMA100I AMASPZAP PROCESSING COMPLETED
```

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


HMA2370    ZAP REPLACE PASS SUCCESSFUL - MOD=IEFVH1 - LMOD=IEFVH1 - LIBRARY=LPALIB - SYSMOD=#DYPDMY - RETURN CODE=00
HMA2270    APPLY PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD #DYPDMY
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
#DYPDMY	APPLIED	USERMOD	EBB1102	PRE UZ59124

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
S/ZAP	IEFVH1	APPLIED	EBB1102					IEFVH1	LPALIB	#DYPDMY	APPLIED

HMA2050   HMASMP PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00

```
 F64-LEVEL LINKAGE EDITOR OPTIONS SPECIFIED SIZE=(500K,80K),NCAL,LIST,LET,XREF,RENT
           VARIABLE OPTIONS USED -  SIZE=(512000,81920)
IEW0000     ENTRY IEFVH1                                                    00000100
IEW0000           CHANGE IEFVHA(IEFVPP0) PRIVATE PROCLIB                    00000300
IEW0000     INCLUDE AOSB3(IEFVH1)                  #DYPDMY
IEW0000     INCLUDE LPALIB(IEFVH1)
IEW0000     NAME IEFVH1(R)
```

CROSS REFERENCE TABLE

CONTROL SECTION

NAME	ORIGIN	LENGTH
IEFVH1	00	3C8
IEFVPP	3C8	1721
IEFVHA	1AF0	434
IEFVHC	1F28	228
IEFVHCB	2150	83C
IEFVINE	2990	256
IEFVHM	2BE8	4B8
IEFVHL	30A0	168
IEFVINA	3208	5EC
IEFVIND	37F8	1C4
IEFVINB	39C0	6C
IEFVINC	3A30	17C
IEFVHEB	3BB0	390
IEFNB9CR	3F40	26C
IEFNB9CT	41B0	8B
IEFVFA	4240	269C
IEFVFB	68E0	7C0
IEFVGM	70A0	550
IEFVHQ	75F0	198
IEFVHR	7788	300
IEFVHF	7A88	2B4
IEZNCODE	7D40	188
IEZDCODE	7EC8	168
IEFVGM90	8030	94

ENTRY

NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
TRACE	364						
IEFVPP0	416	IEFVPP4	6B0	IEFVPP1	6DE	IEFVPP2	AFE
IEFVPP3	D32	IEFVPP5	117C	IEFVPPM	12C0		
VGM90MOT	8030	VGM90TXT	803C				

LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION
2D4	IEFVPP0	IEFVPP	2D8	IEFVHF	IEFVHF
2DC	IEFNB9CR	IEFNB9CR	44C	TRACE	IEFVH1
70C	TRACE	IEFVH1	B2C	TRACE	IEFVH1
D60	TRACE	IEFVH1	690	IEFVHA	IEFVHA
1AF8	TRACE	IEFVH1	1EAC	IEFVIND	IEFVIND
1EB0	IEFVHC	IEFVHC	1EB4	IEFVGM	IEFVGM
1EB8	IEFVHR	IEFVHR	1EBC	IEFVHQ	IEFVHQ

LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION
1F30	TRACE	IEFVH1	20D4	IEFVGM	IEFVGM
20D8	IEFVHCB	IEFVHCB	20DC	IEFVHEB	IEFVHEB
20E0	IEFVHA	IEFVHA	2158	TRACE	IEFVH1
28DC	IEFVHR	IEFVHR	28E0	IEFVGM	IEFVGM
28E4	IEFVHA	IEFVHA	28E8	IEFVHF	IEFVHF
28EC	IEFVHL	IEFVHL	28F0	IEFVHM	IEFVHM
28F4	IEFVHEB	IEFVHEB	28F8	IEFVINA	IEFVINA
29B8	TRACE	IEFVH1	2BF0	TRACE	IEFVH1
2FCC	IEFVHA	IEFVHA	2FD0	IEFVHEB	IEFVHEB
30A8	TRACE	IEFVH1	3194	IEFVHA	IEFVHA
3198	IEFVHCB	IEFVHCB	319C	IEFVHEB	IEFVHEB
31A0	IEFVHF	IEFVHF	3214	TRACE	IEFVH1
3710	IEFVINB	IEFVINB	3714	IEFVINC	IEFVINC
3718	IEFVINE	IEFVINE	371C	IEFVHQ	IEFVHQ
3720	IEFVGM	IEFVGM	3724	IEZNCODE	IEZNCODE
3728	IEFVHR	IEFVHR	372C	IEFVHCB	IEFVHCB
3730	IEFVHA	IEFVHA	3804	TRACE	IEFVH1
3950	IEFVHQ	IEFVHQ	3954	IEZDCODE	IEZDCODE
39CC	TRACE	IEFVH1	3A5C	TRACE	IEFVH1
3B40	IEFVHQ	IEFVHQ	3BBC	TRACE	IEFVH1
3EA0	IEFVFA	IEFVFA	3EA4	IEFVGM	IEFVGM
3EA8	IEFVHQ	IEFVHQ	3EAC	IEFVHA	IEFVHA
410C	IEFNB9CT	IEFNB9CT	4218	IEFVHF	IEFVHF
4958	VGM90TXT	IEFVGM90	4954	VGM90MOT	IEFVGM90
4248	TRACE	IEFVH1	5FF8	IEFVHF	IEFVHF
5FFC	IEFVGM	IEFVGM	6000	IEFVHR	IEFVHR
6004	IEFVHQ	IEFVHQ	6008	IEFVFB	IEFVFB
68EC	TRACE	IEFVH1	7018	IEFVHQ	IEFVHQ
701C	IEFVGM	IEFVGM	70AC	TRACE	IEFVH1
7424	IEFVHR	IEFVHR	75FC	TRACE	IEFVH1
7794	TRACE	IEFVH1	7A90	TRACE	IEFVH1
7CC0	IEFVHEB	IEFVHEB	7CC4	IEFVGM	IEFVGM
7CC8	IEFVHCB	IEFVHCB	7CCC	IEFVHA	IEFVHA
7CD0	IEFVHR	IEFVHR	7D4C	TRACE	IEFVH1
7ED4	TRACE	IEFVH1			

ENTRY ADDRESS 00

TOTAL LENGTH 80C8

****IEFVH1 NOW REPLACED IN DATA SET

AUTHORIZATION CODE IS 0.

**MODULE HAS BEEN MARKED REENTERABLE, AND REUSABLE.

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

HMA2390    LINK SUCCESSFUL - MOD=IEFVH1 - LMOD=IEFVH1 - LIBRARY=LPALIB - SYSMOD=#DYPDMY - RETURN CODE=00
HMA2270    RESTORE PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD #DYPDMY
HMA3680    SMPCDS IN STORAGE DIRECTORY SUCCESSFULLY REWRITTEN
HMA2050    RESTORE PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00
```

SYSMOD STATUS REPORT FOR RESTORE 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
#DYPDMY	RESTORED	USERMOD	EBB1102	PRE UZ59124

ELEMENT SUMMARY REPORT FOR RESTORE 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	IEFVH1	RESTORED	EBB1102	UZ59124				IEFVH1	LPALIB	#DYPDMY	RESTORED

HMA2050   HMASMP PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00

```
HMA4240    HMASMP EXEC PARM = 'DATE=U'
 APPLY   SELECT(#DYP003,#DYP004,#DYP005)
         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				
#DYP003	APPLIED	USERMOD	EBB1102	REQ	#DYP004			
				PRE	#DYP001	#DYP002	UZ51830	
#DYP004	APPLIED	USERMOD	EBB1102	REQ	#DYP003			
				PRE	#DYP001	#DYP002	UZ69627	
#DYP005	APPLIED	USERMOD	EBB1102	PRE	#DYP001	#DYP002	#DYP003	#DYP004	UZ58715

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
S/ZAP	IEFVFA	APPLIED	EBB1102					IEFVH1	LPALIB	#DYP004	APPLIED
S/ZAP	IEFVHE	APPLIED	EBB1102					IEFNB903	LPALIB	#DYP005	APPLIED
S/ZAP	IEFVHF	APPLIED	EBB1102					IEFVH1	LPALIB	#DYP003	APPLIED

HMA2050   HMASMP PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVHF   IN PTF #DYP003 *****
 NAME     IEFVH1   IEFVHF
*
*
         VER   0000 05B0           BALR R11,0 (BASE=0002)
*
         VER   00DA 5830,C0EC      L    R3,WANELPTR
*
         VER   0260 0000,0000      START OF NEEDED PATCH AREA
         VER   0264 0000,0000      NEEDED PATCH AREA
         VER   0268 0000,0000      NEEDED PATCH AREA
         VER   026C 0000,0000      END OF NEEDED PATCH AREA
*
*
*
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVHF   IN PTF #DYP003 *****
 NAME     IEFVH1   IEFVHF
*
*
*
*
*
         REP   0260 5830,C0EC      L    R3,WANELPTR OVERLAID INSTRUCT
AMA122I OLD DATA WAS 00000000
         REP   0264 58F0,C3A0      L    R15,RFULLE  (ANCHOR WORD)
AMA122I OLD DATA WAS 00000000
         REP   0268 58F0,F058      L    R15,PPVPP3  A(IEFVPP3)
AMA122I OLD DATA WAS 00000000
         REP   026C 07FF           BR   R15  RETURN ON R14
AMA122I OLD DATA WAS 0000
*
         REP   00DA 45E0,B25E      BAL  R14,PATCH
AMA122I OLD DATA WAS 5830C0EC
*
         IDRDATA #DYP003
AMA125I IEFVH1   IDR COUNT = 01 (MAX=19)
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVFA   IN PTF #DYP004 *****
 NAME     IEFVH1   IEFVFA
*
*
         VER   0000 05B0                    BALR RB,0     (BASE=0002)
         VER   003A 58A0,B012               L    RA,VFA02 (BASE=1002)
*
         VER   071C 2000           TXTBFLEN DC   H'8192'
*
         VER   071E 45E0,BB68               BAL  R14,AOTXTLTH
*
         VER   0B6A 5850,C02C      AOTXTLTH L    R5,TEXTBUFP
*
         VER   1DF0 D7E3,C3C8               DC   C'PTCH'
         VER   1E20 0000,0000,0000,0000     START OF NEEDED PATCH AREA
         VER   1E28 0000,0000,0000,0000     NEEDED PATCH AREA
         VER   1E30 0000,0000,0000,0000     NEEDED PATCH AREA
         VER   1E38 0000,0000               END OF NEEDED PATCH AREA
*
         VER   23A0 16E2,E4C2,C1D3,D3D6,C37E,4C  SUBALLOC=
*
*
*
*
*
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVFA   IN PTF #DYP004 *****
 NAME     IEFVH1   IEFVFA
*
*
*
*
*
*
*
*
*
         REP   23A0 16E2,E8E2,D7D9,D6C3,7E01,40  SYSPROC=
AMA122I OLD DATA WAS 16E2E4C2C1D3D3D6C37E4C
*
         REP   1E20 58F0,C3A0              L    R15,RFULLE (ANCHOR)
AMA122I OLD DATA WAS 00000000
         REP   1E24 58F0,F05C              L    R15,PPVPP4 A(IEFVPP4)
AMA122I OLD DATA WAS 00000000
         REP   1E28 05EF                   BALR R14,R15
AMA122I OLD DATA WAS 0000
         REP   1E2A 45E0,BB68              BAL  R14,AOTXTLTH
AMA122I OLD DATA WAS 00000000
         REP   1E2E 58F0,C3A0              L    R15,RFULLE (ANCHOR)
AMA122I OLD DATA WAS 00000000
         REP   1E32 58F0,F060              L    R15,PPVPP5 A(IEFVPP5)
AMA122I OLD DATA WAS 00000000
         REP   1E36 41E0,B720              LA   R14,RETURN ADDRESS
AMA122I OLD DATA WAS 00000000
         REP   1E3A 07FF                   BR   R15
AMA122I OLD DATA WAS 0000
*
         REP   071E 47F0,AE1E              B    PATCH AREA
AMA122I OLD DATA WAS 45E0BB68
*
         IDRDATA #DYN004
*
AMA125I IEFVH1   IDR COUNT = 02 (MAX=19)
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVHE   IN PTF #DYP005 *****
 NAME     IEFNB903 IEFVHE
*
*
         VER   0000 05B0                   BALR R11,0 (BASE=0002)
*
         VER   0060 5860,C0EC      VHE0010 L R6,WANELPTR
*
         VER   014E D700,C16E,C16E         XC   SWY2(1),SWY2
*
         VER   02A0 0000,0000,0000,0000    START OF NEEDED PATCH AREA
         VER   02A8 0000,0000,0000,0000    END OF NEEDED PATCH AREA
*
*
*
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVHE   IN PTF #DYP005 *****
 NAME     IEFNB903 IEFVHE
*
*
*
*
*
*
         REP   02A0 9180,7002              TM   STRINDCS,JPROCSTR
AMA122I OLD DATA WAS 00000000
         REP   02A4 4710,B05E              BO   VHE0010
AMA122I OLD DATA WAS 00000000
         REP   02A8 D700,C16E,C16E         XC   SWY2(1),SWY2
AMA122I OLD DATA WAS 000000000000
         REP   02AE 07FF                   BR   R15  RETURN
AMA122I OLD DATA WAS 0000
*
         REP   014E 45F0,B29E,0700         BAL  R15,PATCH; NOPR 0
AMA122I OLD DATA WAS D700C16EC16E
*
         IDRDATA #DYP005
AMA125I IEFNB903 IDR COUNT = 03 (MAX=19)
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
HMA4240    HMASMP EXEC PARM = 'DATE=U'
 APPLY   SELECT(#DYP003,#DYP004,#DYP005)
         DIS(WRITE)
 .
HMA4140    SMPCDS DIRECTORY SUCCESSFULLY LOADED FOR IN-STORAGE UPDATE OPERATIONS


HMA2370    ZAP REPLACE PASS SUCCESSFUL - MOD=IEFVHF - LMOD=IEFVH1 - LIBRARY=LPALIB - SYSMOD=#DYP003 - RETURN CODE=00
HMA2370    ZAP REPLACE PASS SUCCESSFUL - MOD=IEFVFA - LMOD=IEFVH1 - LIBRARY=LPALIB - SYSMOD=#DYP004 - RETURN CODE=00
HMA2270    APPLY PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD #DYP003
HMA2270    APPLY PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD #DYP004
HMA2370    ZAP REPLACE PASS SUCCESSFUL - MOD=IEFVHE - LMOD=IEFNB903 - LIBRARY=LPALIB - SYSMOD=#DYP005 - RETURN CODE=00
HMA2270    APPLY PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD #DYP005
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				
#DYP003	APPLIED	USERMOD	EBB1102	REQ	#DYP004			
				PRE	#DYP001	#DYP002	UZ51830	
#DYP004	APPLIED	USERMOD	EBB1102	REQ	#DYP003			
				PRE	#DYP001	#DYP002	UZ69627	
#DYP005	APPLIED	USERMOD	EBB1102	PRE	#DYP001	#DYP002	#DYP003	#DYP004	UZ58715

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
S/ZAP	IEFVFA	APPLIED	EBB1102					IEFVH1	LPALIB	#DYP004	APPLIED
S/ZAP	IEFVHE	APPLIED	EBB1102					IEFNB903	LPALIB	#DYP005	APPLIED
S/ZAP	IEFVHF	APPLIED	EBB1102					IEFVH1	LPALIB	#DYP003	APPLIED

HMA2050   HMASMP PROCESSING COMPLETED - HIGHEST RETURN CODE IS 00

```
                     COPY OUTDD=AOSB3,INDD=AOSB3
IEB161I  COMPRESS TO BE DONE USING INDD NAMED AOSB3
IEB152I  IEEAB400 COMPRESSED - WAS ALREADY IN PLACE AND NOT MOVED
IEB152I  IEEAB401 COMPRESSED - WAS ALREADY IN PLACE AND NOT MOVED
IEB152I  IEECB801 COMPRESSED - WAS ALREADY IN PLACE AND NOT MOVED
IEB152I  IEECB860 COMPRESSED - WAS ALREADY IN PLACE AND NOT MOVED
/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\

  --- many pages of library compression output deleted ---

/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\/\IEB154I  ZP6
IEB154I  ZP60036  HAS BEEN SUCCESSFULLY  COPIED
IEB154I  ZP60037  HAS BEEN SUCCESSFULLY  COPIED
IEB154I  ZP60038  HAS BEEN SUCCESSFULLY  COPIED
IEB154I  ZUM0001  HAS BEEN SUCCESSFULLY  COPIED
IEB154I  ZUM0007  HAS BEEN SUCCESSFULLY  COPIED
IEB144I  THERE ARE 0000183 UNUSED TRACKS IN OUTPUT DATA SET REFERENCED BY SMPPTS
IEB149I  THERE ARE 0000207  UNUSED DIRECTORY BLOCKS IN OUTPUT DIRECTORY
IEB147I  END OF JOB -00 WAS HIGHEST SEVERITY CODE
```

```
 F64-LEVEL LINKAGE EDITOR OPTIONS SPECIFIED SIZE=(500K,80K),NCAL,LIST,LET,XREF,RENT,REUS,REFR
           VARIABLE OPTIONS USED -  SIZE=(512000,81920)
IEW0000     INCLUDE SMPWRK3(IEFVPP)                #DYP002
IEW0000             IDENTIFY IEFVPP('#DYP002')
IEW0670              IEFVPP              #DYP002
IEW0000     NAME IEFVPP(R)
IEW0461  TRACE
IEW0461  IEFVHA
```

CROSS REFERENCE TABLE

CONTROL SECTION			ENTRY								
NAME	ORIGIN	LENGTH	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
IEFVPP	00	1721								
			IEFVPP0	4E	IEFVPP4	2E8	IEFVPP1	316	IEFVPP2	736
			IEFVPP3	96A	IEFVPP5	DB4	IEFVPPM	EF8		

LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION
84	TRACE	$UNRESOLVED	344	TRACE	$UNRESOLVED
764	TRACE	$UNRESOLVED	998	TRACE	$UNRESOLVED
2C8	IEFVHA	$UNRESOLVED			

```
 ENTRY ADDRESS       00
 TOTAL LENGTH      1728
****IEFVPP    DOES NOT EXIST BUT HAS BEEN ADDED TO DATA SET
AUTHORIZATION CODE IS         0.
**MODULE HAS BEEN MARKED REENTERABLE, REUSABLE, AND REFRESHABLE.
```

DIAGNOSTIC MESSAGE DIRECTORY

```
   IEW0670 THE SPECIFIED IDENTIFY DATA HAS BEEN ADDED TO THE IDR FOR THE CONTROL SECTION NAME PRINTED.
   IEW0461 WARNING - SYMBOL PRINTED IS AN UNRESOLVED EXTERNAL REFERENCE; NCAL WAS SPECIFIED, OR THE REFERENCE WAS
           MARKED FOR RESTRICTED NO-CALL OR NEVERCALL.
```

```
       ./SMP REPRO SSI=52540367,NAME=SGIEF441
IEB816I MEMBER NAME (SGIEF441) FOUND IN NM DIRECTORY. TTR IS NOW ALTERED.
IEB818I HIGHEST CONDITION CODE WAS 00000000
IEB819I END OF JOB IEBUPDTE.
```

```
./       CHANGE NAME=SGIEF441,LIST=ALL
                MACRO                                                    00250001
                SGIEF441                                                 00260001
               .* CHANGE LEVEL = 05/05/75                          @Z40LPSM 00260104
               .*              = 05/05/75                          @Z40FPSM 00260204
               .*              = 05/30/75                          @ZA03868 00280204
               .*              = 11/03/75                          @Z40BPSM 00380200
               .*              = 12/08/75                          @Z40BPSR 00430200
               .*              = 06/15/76                          @G29ANSJ 00480241
               .*              = 11/19/76  - VS2 SU 16 - IN THIS MACRO, SU 16 @G16AP2F 00530241
               .*                            PROVIDES VPSS SUPPORT (SU 29 -   @G16AP2F 00560241
               .*                                                   G29ANSJ   @G16AP2F 00630241
               .*              = 01/04/77  INCREASE LINKEDIT SIZE FROM (256K,64K)       00680241
               .*                          TO SIZE=(512K,100K) FOR IEFW21SD   @ZA15719 00730241
               .*              = 05/04/78  - VS2 - ADD NEW MODULES FOR         @G64MP2D 00770264
               .*                                  SYSTEM CONTROL PROGRAM 2    @G64MP2D 00800264
               .*              = 11/08/78  MOVE IEEMB811 BACK TO LPALIB        @VS49594 00830264
               .*              = 04/01/79  3800 RAS ENHANCEMENTS SUPPORT       @E0044PJ 00850200
               .*                                                               00880104
               .* CHANGE = Z30LPTH,Y30LPSL,Y02038,YM02651,R00271,               00890100
               .*          YM05804,YM04049,YM04028,YM00581,                     00900100
               .*          YM03315,YM03450,YM04713,YM01063,                     00904100
               .*          YM03736,YM02549,YM02548,YM02527,                     00908100
               .*          YM01965,Y02651,Y02953,Y02038,G64MP2D,G64QPSJ,  @G64MP2D 00912164
               .*          G3800SJ,G64DPSJ,VS49594,E0044PJ                @E0044PJ 00912700
               .*          ZA90902 - TEST FOR TCAM                        @ZA90902 00913400
               .*   NOTE: OZ11865 IS SUPPORTED BY @Z40FPSM   AND          @G16AP2F 00914141
               .*         OZ13462 IS SUPPORTED BY @Z40FPSM                @G16AP2F 00916141
               .*                                                               00920104
                       COPY  SGGBLPAK                    DEFINE GLOBAL SYMBOLS  00960102
              &SGCTRLC(6)  SETC ''             SET NULL PROG NAME          @YM05804 01020102
                       AIF (&GETB(3)).IOGEN1     IS THIS AN I/O SYSGEN ?     Y02953 01100002
              &SGCTRLC(7) SETC '&SGCTRLC(20)'  SET VOLUME FOR LPALIB         Y02953 01300002
              &SGCTRLC(8) SETC '&SGCTRLC(19)'  SET UNIT NAME FOR LPALIB      Y02953 01500002
              &SGCTRLC(9)  SETC 'LPALIB'       DSNAME FOR LPALIB DATA SET    Y02953 01700002
              &SGCTRLC(10) SETC  ',LET'                                            02300019
              &SGCTRLC(11) SETC  ',RENT'   SET RENT FOR LINK EDIT            A36318 02350001
                       COPY  SGLEDPK1                                              02400019
                PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3' Y02953 02500002
                PUNCH '//AOS00 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOS00' Y02953 02530002
                PUNCH '//AOS21 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOS21' Y02953 02560002
                PUNCH '//AOSC5 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSC5' Y02953 02650002
                PUNCH '//AOSCE DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSCE' Y02953 02750002
                PUNCH '//AOST4 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOST4' Y02953 02850002
                       COPY  SGLEDPK2                                              03000019
              .*        SVC 34                                                 Y02953 03400002
                       PUNCH ' INCLUDE AOSB3(IEE0003D)'                      Y02953 06400002
                       PUNCH ' INCLUDE AOSB3(IEE0303D)'                      Y02953 16560002
                       PUNCH ' INCLUDE AOSB3(IEE5403D)'                      Y02953 16570002
                       PUNCH ' INCLUDE AOSB3(IEE0403D)'                      Y02953 16600002
                       PUNCH ' INCLUDE AOSB3(IEE0503D)'                      Y02953 16660002
                       PUNCH ' INCLUDE AOSB3(IEE0603D)'                      Y01040 17900001
```

```
                PUNCH ' INCLUDE AOSC5(IEE6503D)'                    Y02953 18010002
                PUNCH ' INCLUDE AOSC5(IEE6603D)'                    Y02953 18020002
                PUNCH ' INCLUDE AOSB3(IEE7703D)'                    Y02953 18060002
                PUNCH ' INCLUDE AOSB3(IEE7803D)'                    Y02953 18260002
                PUNCH ' INCLUDE AOSB3(IEE6903D)'                    Y02953 18460002
                PUNCH ' INCLUDE AOSB3(IEE6303D)'                    Y02953 18660002
                PUNCH ' INCLUDE AOSB3(IEE6403D)'                    Y02953 18860002
                PUNCH ' INCLUDE AOSB3(IEE3203D)'                   @Y30LPSL 19558803
                PUNCH ' INCLUDE AOSB3(IEE4703D)'                    Y02953 20453202
                PUNCH ' INCLUDE AOSB3(IEE4303D)'                    Y02953 20453702
                AIF (NOT &SGDMGTB(5)).NOTCAM  IF NO TCAM BRANCH     @ZA90902 20456800
                PUNCH ' INCLUDE AOS21(IED1303D)'                    Y02953 20460002
        .NOTCAM  ANOP                                               @ZA90902 20505000
                PUNCH ' INCLUDE AOSB3(IEE5103D)'                    Y02953 20550002
                PUNCH ' INCLUDE AOSB3(IEE5503D)'                    Y02953 20640002
                PUNCH ' INCLUDE AOSB3(IEE7503D)'                    Y02953 20730002
                PUNCH ' INCLUDE AOSB3(IEE6703D)'                    Y02953 20820002
                PUNCH ' INCLUDE AOSB3(IEE6803D)'                    Y02953 20912002
                PUNCH ' INCLUDE AOSB3(IEE8B03D)'                   @G64DPSJ 20916064
                PUNCH ' INCLUDE AOSB3(IEE5903D)'                    Y02953 20920002
                PUNCH ' INCLUDE AOSB3(IEE5603D)'                    Y02953 20930002
                PUNCH ' INCLUDE AOSB3(IEE0703D)'                    Y02953 20940002
                PUNCH ' INCLUDE AOSB3(IEE1403D)'                    Y02953 20950002
                PUNCH ' INCLUDE AOSB3(IEE4103D)'                    Y02953 20960002
                PUNCH ' INCLUDE AOSB3(IEE7203D)'                    Y02953 20995802
                PUNCH ' INCLUDE AOSB3(IEE5703D)'                    Y02953 20995902
                PUNCH ' INCLUDE AOSB3(IEE0803D)'                    Y02953 20996302
                PUNCH ' INCLUDE AOSB3(IEE3503D)'                    Y02953 20996702
                PUNCH ' INCLUDE AOSB3(IEE1603D)'                    Y02953 20997202
                PUNCH ' INCLUDE AOSB3(IEE9403D)'                   @Y30LPSL 20997603
                PUNCH ' INCLUDE AOSC5(IEAVEMRQ)'                    Y02953 20998102
                PUNCH ' INCLUDE AOSC5(IEAVVRP1)'                    Y02953 20998502
                PUNCH ' INCLUDE AOSCE(IGF2503D)'                    Y02953 20998602
                PUNCH ' INCLUDE AOSCE(IGF2603D)'                    Y02953 20998702
                PUNCH ' INCLUDE AOSB3(IEE7103D)'                    Y02953 20998802
                PUNCH ' INCLUDE AOSB3(IEE3703D)'                    Y02953 20999202
                PUNCH ' INCLUDE AOST4(IKJ5803D)'                    Y02953 20999602
                PUNCH ' INCLUDE AOSB3(IEE2903D)'                    Y02953 21000002
                PUNCH ' INCLUDE AOSC5(IEEMB815)'                    Y02953 22425302
                PUNCH ' INCLUDE AOSC5(IEE8603D)'                   @Z40BPSR 22425500
                PUNCH ' INCLUDE AOSB3(ISTCFF3D)'                   @YM03450 22425702
                PUNCH ' INCLUDE AOSCE(IGFDE0)'                      Y02953 22425802
                PUNCH ' INCLUDE AOSCE(IGFDE1)'                      Y02953 22425902
                PUNCH ' INCLUDE AOSCE(IGFDV1)'                      Y02953 22426402
                PUNCH ' ORDER IEE0003D '                            Y02953 22426602
                PUNCH ' ORDER IEE0303D '                            Y02953 22426702
                PUNCH ' ORDER IEE5403D '                            Y02953 22426802
                PUNCH ' ORDER IEE0403D '                            Y02953 22426902
                PUNCH ' ORDER IEE7503D '                            Y02953 22427202
                PUNCH ' ORDER IEE5603D '                            Y02953 22427302
                PUNCH ' ORDER IEE5903D '                            Y02953 22427402
                PUNCH ' ORDER IEE6703D '                            Y02953 22427502
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                 PUNCH ' ORDER IEE7703D '                                 Y02953 22427602
                 PUNCH ' ORDER IEE6803D '                                 Y02953 22427702
                 PUNCH ' ORDER IEE6903D '                                 Y02953 22427802
                 PUNCH ' ORDER IEE6303D '                                 Y02953 22428002
                 PUNCH ' ORDER IEE6403D '                                 Y02953 22428102
                 PUNCH ' ALIAS IGG2103D,IGC0503D,IEE2103D,IEE0503D'       Y02953 22428202
                 PUNCH ' ALIAS IEE7603D'                                 @YM02748 22428302
                 PUNCH ' ENTRY IEE0003D'                                  Y02953 22428402
              PUNCH ' NAME IGC0003D(R) '                                  Y02953 22430102
           .*     VARY  ON/OFF/CONS                                       Y02953 22432502
                 PUNCH ' INCLUDE AOSB3(IEE3603D)'                         Y02953 22440502
                 PUNCH ' INCLUDE AOSB3(IEE3303D)'                         Y02953 22442502
                 PUNCH ' INCLUDE AOSB3(IEE2303D)'                         Y02953 22450502
                 PUNCH ' INCLUDE AOSB3(IEE4203D)'                         Y02953 22460502
                 PUNCH ' INCLUDE AOSB3(IEE4403D)'                         Y02953 22470502
                 PUNCH ' INCLUDE AOSB3(IEE3103D)'                         Y02953 22472502
                 PUNCH ' INCLUDE AOSB3(IEE4603D)'                         Y02953 22474502
                 PUNCH ' INCLUDE AOSB3(IEE4903D)'                         Y02953 22476502
                 PUNCH ' INCLUDE AOSB3(IEE4803D)'                         Y02953 22478502
                 PUNCH ' INCLUDE AOSB3(IEE7303D)'                         Y02953 22478902
                 PUNCH ' INCLUDE AOSB3(IEECB904)'                        @Z30LPTH 22479103
                 PUNCH ' ORDER IEE3103D '                                 Y02953 22479302
                 PUNCH ' ENTRY IEE3603D'                                  Y02953 22480502
              PUNCH ' NAME IEE3603D(R)'                                   Y02953 22530502
           .*     UNLOAD                                                  Y02953 22540502
                 PUNCH ' INCLUDE AOSB3(IEEMB813)'                         Y02953 22580502
              PUNCH ' NAME IEEMB813(R)'                                   Y02953 22647202
           .*      DISPLAY UNITS                                          Y02953 22830602
                 PUNCH ' INCLUDE AOSB3(IEE00110)'                         Y02953 22880602
                 PUNCH ' ALIAS IGC00110'                                  Y02953 22980602
              PUNCH ' NAME IGC0011{(R)'                                   Y02953 23030602
           .*   CONSOLE DUMP                                            Y02953 23732602
                 PUNCH ' INCLUDE AOSB3(IEECB866) '                        Y02953 23740602
              PUNCH ' ENTRY  IEECB866 '                                   Y02953 23750602
              PUNCH ' NAME   IEECB866(R) '                                Y02953 23752602
           .*      HALT/SWITCH                                            Y02953 23754602
                 PUNCH ' INCLUDE AOSB3(IEE70110)'                         Y02953 23760602
                 PUNCH ' INCLUDE AOSB3(IEE90110)'                         Y02953 23762602
              PUNCH ' ENTRY IEE70110'                                     Y02953 23764602
              PUNCH ' NAME IEE70110(R)'                                   Y02953 23770602
           .*           SUBSYSTEM CONSOLE AUTHORITY SUPPORT               Y02038 24070603
              PUNCH ' INCLUDE AOSB3(IEECB900) '                           Y02038 24370603
              PUNCH ' INCLUDE AOSB3(IEECB901) '                           Y02038 24670603
              PUNCH ' ENTRY IEECB900 '                                    Y02038 24970603
              PUNCH ' NAME IEECB900(R) '                                  Y02038 25270603
           .*       LOG SVC'S                                              LMCS 26100019
                 PUNCH ' INCLUDE AOSB3(IEEMB804)'                         Y02953 26400002
              PUNCH ' NAME IGC0003F(R) '                                  Y02953 26500002
                 PUNCH ' INCLUDE AOS00(IEEMB830)'                         Y02953 26550002
                 PUNCH ' INCLUDE AOS00(IEEMB827)'                         Y02953 26600002
                 PUNCH ' ENTRY IEEMB830'                                  Y02953 26650002
              PUNCH ' NAME IGC0008C(R)'                                   Y02953 26700002
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                PUNCH ' INCLUDE AOSB3(IEEPALTR)'                        @YM02748 29700002
              PUNCH ' NAME IEEPALTR(R)'                                 @YM02748 32700002
                PUNCH ' INCLUDE AOSB3(IEEMB879) '                       @G64DPSJ 32750064
                PUNCH ' INCLUDE AOSB3(IEEMB880) '                       @G64DPSJ 32800064
              PUNCH ' ENTRY IEEMB879 '                                  @G64DPSJ 32850064
              PUNCH ' NAME  IEEMB879(R) '                               @G64DPSJ 32900064
                PUNCH ' INCLUDE AOSC5(IEE10110) '                       @G64DPSJ 32950064
              PUNCH ' NAME IGC10110(R) '                                @G64DPSJ 33000064
                PUNCH ' INCLUDE AOSC5(IEE20110) '                       @G64DPSJ 33250064
              PUNCH ' NAME IGC20110(R) '                                @G64DPSJ 33300064
                PUNCH ' INCLUDE AOSC5(IEE21110) '                       @G64DPSJ 33350064
              PUNCH ' NAME IGC21110(R) '                                @G64DPSJ 33400064
                PUNCH ' INCLUDE AOSC5(IEE22110) '                       @G64DPSJ 33450064
              PUNCH ' NAME IGC22110(R) '                                @G64DPSJ 33500064
                PUNCH ' INCLUDE AOSC5(IEE23110) '                       @G64DPSJ 33550064
              PUNCH ' NAME IGC23110(R) '                                @G64DPSJ 33600064
                PUNCH ' INCLUDE AOSC5(IEE40110) '                       @G64DPSJ 33650064
              PUNCH ' NAME IGC40110(R) '                                @G64DPSJ 33700064
                PUNCH '/*'                                                21002 36250002
            .IOGEN1  ANOP                                               Y02953 36253002
            &SGCTRLC(7)  SETC '&SGCTRLC(20)'        SET VOLUME FOR LPALIB   Y02953 36256002
            &SGCTRLC(8)  SETC '&SGCTRLC(19)'        SET UNIT NAME FOR LPALIB Y02953 36262002
            &SGCTRLC(9)  SETC 'LPALIB'              SET  DSNAME             Y02953 36268002
            &SGCTRLC(10) SETC  ',LET'                                       Y02953 36274002
            &SGCTRLC(11) SETC  ',RENT'                                      Y02953 36280002
            &SGCTRLC(12) SETC  ',SIZE=(512K,100K)' SUS AND PTFS INCREASED  @ZA15719 36281041
                  COPY  SGLEDPK1                                            Y02953 36286002
             PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3' Y02953 36292002
             PUNCH '//AOSA0 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSA0' Y02953 36294002
                  COPY  SGLEDPK2                                            Y02953 36298002
            .*********************************************************************** 36304002
            .*                                                                Y02953 36310002
            .*              DEVICE TABLES                                     Y02953 36316002
            .*                                                                Y02953 36322002
            .*********************************************************************** 36328002
                  PUNCH ' INCLUDE SYSPUNCH(IEFWMAS1) '                      Y02953 36334002
               PUNCH ' NAME DEVNAMET(R)'                                    Y02953 36340002
                  PUNCH ' INCLUDE SYSPUNCH(IEFDEVPT) '                    @G64DPSJ 36342064
               PUNCH ' NAME IEFDEVPT(R) '                                 @G64DPSJ 36344064
                  PUNCH ' INCLUDE SYSPUNCH(IEFWMSKA) '                      Y02953 36346002
               PUNCH ' NAME DEVMASKT(R) '                                   Y02953 36352002
               PUNCH ' INCLUDE SYSPUNCH(IEFEDTTB) '                       @G64DPSJ 36353064
                  PUNCH ' ENTRY EDTTAB '                                  @G64DPSJ 36354064
                  PUNCH ' NAME IEFEDTTB(R) '                              @G64DPSJ 36355064
            .*********************************************************************** 36358002
            .*                                                                Y02953 36364002
            .*              ALLOCATION                                        Y02953 36370002
            .*                                                                Y02953 36376002
            .*********************************************************************** 36382002
            .*        ALLOCATION TABLES                                       Y02953 36388002
              PUNCH '      INCLUDE SYSPUNCH(IEFSGOPT) '                      Y02953 36400002
              PUNCH '      INCLUDE SYSPUNCH(IEFYRCDS) '                    @G3800SJ 36406064
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                AIF (&GETB(3)).IOGEN3                                    Y02953 36412064
             PUNCH '      INCLUDE AOSB3(IEFRPREP) '                      Y02953 36418064
             PUNCH '      INCLUDE AOSB3(IEFXVNSL) '                     @YM02749 36424064
          .*   SMF                                                       Y02953 36436002
             PUNCH '       INCLUDE AOSB3(IEFTB721) '                    Y02953 36442002
             PUNCH '       INCLUDE AOSB3(IEFTB722) '                    Y02953 36448002
             PUNCH '       INCLUDE AOSB3(IEFTB720) '                    Y02953 36454002
             PUNCH '       INCLUDE AOSB3(IEFTB723) '                   @YM04713 36457002
             PUNCH '       INCLUDE AOSB3(IEFACTRT) '                    Y02953 36460002
          .*        SEVICE ROUTINES                                     Y02953 36472002
             PUNCH '      INCLUDE AOSB3(IEFAB4DC) '                     Y02953 36474002
             PUNCH '      INCLUDE AOSB3(IEFAB4DD) '                     Y02953 36478002
             PUNCH '      INCLUDE AOSB3(IEFAB4DE) '                     Y02953 36484002
             PUNCH '      INCLUDE AOSB3(IEFAB4E0) '                     Y02953 36496002
             PUNCH '      INCLUDE AOSB3(IEFAB4E1) '                     Y02953 36502002
             PUNCH '      INCLUDE AOSB3(IEFAB4E2) '                     Y02953 36508002
             PUNCH '      INCLUDE AOSB3(IEFAB4E3) '                     Y02953 36514002
             PUNCH '      INCLUDE AOSB3(IEFAB4E4) '                     Y02953 36520002
             PUNCH '      INCLUDE AOSB3(IEFAB4E6) '                     Y02953 36532002
             PUNCH '      INCLUDE AOSB3(IEFAB4E7) '                    @Z40LPSM 36538004
             PUNCH '      INCLUDE AOSB3(IEFAB4E8) '                     Y02953 36544002
             PUNCH '      INCLUDE AOSB3(IEFAB4E9) '                     Y02953 36550002
             PUNCH '      INCLUDE AOSB3(IEFAB4EA) '                     Y02953 36556002
             PUNCH '      INCLUDE AOSB3(IEFAB4EB) '                     Y02953 36562002
             PUNCH '      INCLUDE AOSB3(IEFAB4EC) '                    @Z40LPSM 36568004
             PUNCH '      INCLUDE AOSB3(IEFAB4ED) '                    @Z40FPSM 36574004
             PUNCH '      INCLUDE AOSB3(IEFAB4EE) '                     Y02953 36580002
             PUNCH '      INCLUDE AOSB3(IEFAB4EF) '                     Y02953 36586002
             PUNCH '      INCLUDE AOSB3(IEFAB4F0) '                     Y02953 36592002
             PUNCH '      INCLUDE AOSB3(IEFAB4F1) '                     Y02953 36598002
             PUNCH '      INCLUDE AOSB3(IEFAB4F2) '                     Y02953 36604002
             PUNCH '      INCLUDE AOSB3(IEFAB4F3) '                     Y02953 36610002
             PUNCH '      INCLUDE AOSB3(IEFAB4F4) '                     Y02953 36616002
             PUNCH '      INCLUDE AOSB3(IEFAB4F5) '                     Y02953 36622002
             PUNCH '      INCLUDE AOSB3(IEFAB4F6) '                    @YM04028 36628002
             PUNCH '      INCLUDE AOSB3(IEFAB4F7) '                     Y02953 36634002
             PUNCH '      INCLUDE AOSB3(IEFAB4F8) '                     Y02953 36640002
             PUNCH '      INCLUDE AOSB3(IEFAB4F9) '                     Y02953 36646002
             PUNCH '      INCLUDE AOSB3(IEFAB4FA) '                     Y02953 36652002
             PUNCH '      INCLUDE AOSB3(IEFAB4FC) '                     Y02953 36664002
             PUNCH '      INCLUDE AOSB3(IEFAB4FD) '                     Y02953 36670002
             PUNCH '      INCLUDE AOSB3(IEFAB4FE) '                     Y02953 36676002
             PUNCH '      INCLUDE AOSB3(IEEAB400) '                     Y02953 36684002
             PUNCH '      INCLUDE AOSB3(IEEAB401) '                     Y02953 36686002
             PUNCH '      INCLUDE AOSB3(IEFAB4M4) '                     Y02953 36688002
             PUNCH '      INCLUDE AOSB3(IEFAB4M5) '                     Y02953 36694002
             PUNCH '      INCLUDE AOSB3(IEFAB4M6) '                     Y02953 36700002
             PUNCH '      INCLUDE AOSB3(IEFAB4M7) '                     Y02953 36706002
             PUNCH '      INCLUDE AOSB3(IEFAB4M9) '                     Y02953 36712002
             PUNCH '      INCLUDE AOSB3(IEFAB4UV) '                     Y02038 36715003
          .*        COMMON ALLOCATION/UNALLOCATION                      Y02953 36718002
             PUNCH '      INCLUDE AOSB3(IEFAB421) '                     Y02953 36724002
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            PUNCH '      INCLUDE AOSB3(IEFAB422) '                    Y02038 36727003
            PUNCH '      INCLUDE AOSB3(IEFAB423) '                    Y02953 36730002
            PUNCH '      INCLUDE AOSB3(IEFAB424) '                    Y02953 36736002
            PUNCH '      INCLUDE AOSB3(IEFAB425) '                    Y02953 36742002
            PUNCH '      INCLUDE AOSB3(IEFAB426) '                    Y02953 36748002
            PUNCH '      INCLUDE AOSB3(IEFAB427) '                    Y02953 36754002
            PUNCH '      INCLUDE AOSB3(IEFAB428) '                    Y02953 36760002
            PUNCH '      INCLUDE AOSB3(IEFAB430) '                    Y02953 36766002
            PUNCH '      INCLUDE AOSB3(IEFAB431) '                    Y02953 36772002
            PUNCH '      INCLUDE AOSB3(IEFAB432) '                    Y02953 36778002
            PUNCH '      INCLUDE AOSB3(IEFAB433) '                    Y02953 36784002
            PUNCH '      INCLUDE AOSB3(IEFAB434) '                    Y02953 36790002
            PUNCH '      INCLUDE AOSB3(IEFAB435) '                    Y02953 36796002
            PUNCH '      INCLUDE AOSB3(IEFAB436) '                    Y02953 36802002
            PUNCH '      INCLUDE AOSB3(IEFAB440) '                    Y02953 36814002
            PUNCH '      INCLUDE AOSB3(IEFAB441) '                   @YM03736 36816002
            PUNCH '      INCLUDE AOSB3(IEFAB442) '                   @YM03736 36818002
            PUNCH '      INCLUDE AOSB3(IEFAB445) '                    Y02953 36820002
         .*         HOUSEKEEPING                                      Y02953 36826002
            PUNCH '      INCLUDE AOSA0(IDACAT11) '                    Y02953 36828002
            PUNCH '      INCLUDE AOSA0(IDACAT12) '                    Y02953 36830002
            PUNCH '      INCLUDE AOSB3(IEFAB451) '                    Y02953 36832002
            PUNCH '      INCLUDE AOSB3(IEFAB452) '                    Y02953 36838002
            PUNCH '      INCLUDE AOSB3(IEFAB453) '                    Y02953 36844002
            PUNCH '      INCLUDE AOSB3(IEFAB454) '                    Y02953 36850002
            PUNCH '      INCLUDE AOSB3(IEFAB455) '                    Y02953 36856002
            PUNCH '      INCLUDE AOSB3(IEFAB456) '                    Y02953 36862002
            PUNCH '      INCLUDE AOSB3(IEFAB457) '                    Y02953 36868002
            PUNCH '      INCLUDE AOSB3(IEFAB458) '                    Y02953 36874002
            PUNCH '      INCLUDE AOSB3(IEFAB459) '                    Y02953 36880002
            PUNCH '      INCLUDE AOSB3(IEFAB461) '                    Y02953 36886002
            PUNCH '      INCLUDE AOSB3(IEFAB463) '                    Y02953 36892002
            PUNCH '      INCLUDE AOSB3(IEFAB464) '                    Y02953 36898002
            PUNCH '      INCLUDE AOSB3(IEFAB466) '                    Y02953 36904002
            PUNCH '      INCLUDE AOSB3(IEFAB469) '                    Y02953 36906002
            PUNCH '      INCLUDE AOSB3(IEFAB470) '                    Y02953 36910002
         .*         COMMON ALLOCATION/UNALLOCATION                    Y02953 36912002
            PUNCH '      INCLUDE AOSB3(IEFAB471) '                    Y02953 36916002
            PUNCH '      INCLUDE AOSB3(IEFAB472) '                    Y02953 36922002
            PUNCH '      INCLUDE AOSB3(IEFAB473) '                    Y02953 36928002
            PUNCH '      INCLUDE AOSB3(IEFAB474) '                    Y02953 36934002
            PUNCH '      INCLUDE AOSB3(IEFAB475) '                    Y02953 36940002
            PUNCH '      INCLUDE AOSB3(IEFAB476) '                    Y02953 36946002
            PUNCH '      INCLUDE AOSB3(IEFAB477) '                    Y02953 36952002
            PUNCH '      INCLUDE AOSB3(IEFAB478) '                    Y02953 36958002
            PUNCH '      INCLUDE AOSB3(IEFAB479) '                    Y02953 36964002
            PUNCH '      INCLUDE AOSB3(IEFAB480) '                    Y02953 36970002
            PUNCH '      INCLUDE AOSB3(IEFAB481) '                    Y02953 36976002
            PUNCH '      INCLUDE AOSB3(IEFAB485) '                    Y02953 36988002
            PUNCH '      INCLUDE AOSB3(IEFAB486) '                    Y02953 36994002
            PUNCH '      INCLUDE AOSB3(IEFAB487) '                    Y02953 37000002
            PUNCH '      INCLUDE AOSB3(IEFAB488) '                    Y02953 37006002
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               PUNCH '      INCLUDE AOSB3(IEFAB489) '                    Y02953 37008002
               PUNCH '      INCLUDE AOSB3(IEFAB48A) '                    Y02953 37010002
               PUNCH '      INCLUDE AOSB3(IEFAB490) '                    Y02953 37012002
               PUNCH '      INCLUDE AOSB3(IEFAB491) '                    Y02953 37018002
               PUNCH '      INCLUDE AOSB3(IEFAB492) '                    Y02953 37024002
               PUNCH '      INCLUDE AOSB3(IEFAB493) '                    Y02953 37030002
               PUNCH '      INCLUDE AOSB3(IEFAB494) '                    Y02953 37036002
               PUNCH '      INCLUDE AOSB3(IEFAB495) '                    Y02953 37042002
               PUNCH '      INCLUDE AOSB3(IEFAB496) '                    Y02953 37048002
               PUNCH '      INCLUDE AOSB3(IEFAB498) '                    Y02953 37060002
               PUNCH '      INCLUDE AOSB3(IEFAB499) '                    Y02953 37066002
               PUNCH '      INCLUDE AOSB3(IEFAB49A) '                    Y02953 37072002
               PUNCH '      INCLUDE AOSB3(IEFAB49B) '                    Y02953 37078002
               PUNCH '      INCLUDE AOSB3(IEFAB49C) '                    Y02953 37084002
               PUNCH '      INCLUDE AOSB3(IEFAB4A0) '                    Y02953 37090002
               PUNCH '      INCLUDE AOSB3(IEFAB4A2) '                    Y02953 37096002
               PUNCH '      INCLUDE AOSB3(IEFAB4A3) '                   @YM01063 37099002
               PUNCH '      INCLUDE AOSB3(IEFAB4A4) '                    Y02953 37102002
               PUNCH '      INCLUDE AOSB3(IEFAB4A6) '                    Y02953 37108002
               PUNCH '      INCLUDE AOSB3(IEFAB4A8) '                    Y02953 37114002
               PUNCH '      INCLUDE AOSB3(IEFAB4B0) '                    Y02953 37120002
               PUNCH '      INCLUDE AOSB3(IEFAB4B2) '                    Y02953 37126002
               PUNCH '      INCLUDE AOSB3(IEFAB4SF) '                   @E0044PJ 37129000
            .*        DYNAMIC ALLOCATION                                 Y02953 37132002
               PUNCH '      INCLUDE AOSB3(IEFDB4A0) '                    Y02953 37138002
               PUNCH '      INCLUDE AOSB3(IEFDB4A1) '                    Y02953 37144002
               PUNCH '      INCLUDE AOSB3(IEFDB4FA) '                    Y02953 37150002
               PUNCH '      INCLUDE AOSB3(IEFDB4FB) '                    Y02038 37156003
               PUNCH '      INCLUDE AOSB3(IEFDB4FC) '                    Y02953 37162002
               PUNCH '      INCLUDE AOSB3(IEFDB4FD) '                    Y02953 37168002
               PUNCH '      INCLUDE AOSB3(IEFDB4FE) '                    Y02953 37174002
               PUNCH '      INCLUDE AOSB3(IEFDB4FF) '                    Y02953 37180002
               PUNCH '      INCLUDE AOSB3(IEFDB4F9) '                    Y02953 37186002
               PUNCH '      INCLUDE AOSB3(IEFDB4F8) '                    Y02953 37188002
               PUNCH '      INCLUDE AOSB3(IEFDB400) '                    Y02953 37192002
               PUNCH '      INCLUDE AOSB3(IEFDB401) '                    Y02953 37198002
               PUNCH '      INCLUDE AOSB3(IEFDB402) '                    Y02953 37200002
               PUNCH '      INCLUDE AOSB3(IEFDB403) '                    Y02953 37202002
               PUNCH '      INCLUDE AOSB3(IEFDB410) '                    Y02953 37204002
               PUNCH '      INCLUDE AOSB3(IEFDB411) '                    Y02953 37210002
               PUNCH '      INCLUDE AOSB3(IEFDB412) '                    Y02953 37216002
               PUNCH '      INCLUDE AOSB3(IEFDB413) '                    Y02953 37222002
               PUNCH '      INCLUDE AOSB3(IEFDB414) '                    Y02953 37228002
               PUNCH '      INCLUDE AOSB3(IEFDB417) '                    Y02953 37240002
               PUNCH '      INCLUDE AOSB3(IEFDB418) '                    Y02953 37246002
               PUNCH '      INCLUDE AOSB3(IEFDB450) '                    Y02953 37252002
               PUNCH '      INCLUDE AOSB3(IEFDB460) '                    Y02953 37258002
               PUNCH '      INCLUDE AOSB3(IEFDB470) '                    Y02953 37264002
               PUNCH '      INCLUDE AOSB3(IEFDB480) '                    Y02953 37270002
               PUNCH '      INCLUDE AOSB3(IEFDB481) '                    Y02953 37276002
               PUNCH '      INCLUDE AOSB3(IEFDB490) '                    Y02953 37282002
            .*        BATCH ALLOCATION/UNALLOCATION                      Y02953 37288002
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              PUNCH '      INCLUDE AOSB3(IEFBB401) '                    Y02953 37294002
              PUNCH '      INCLUDE AOSB3(IEFBB402) '                    Y02953 37300002
              PUNCH '      INCLUDE AOSB3(IEFBB404) '                    Y02953 37306002
              PUNCH '      INCLUDE AOSB3(IEFBB410) '                    Y02953 37312002
              PUNCH '      INCLUDE AOSB3(IEFBB412) '                    Y02953 37318002
              PUNCH '      INCLUDE AOSB3(IEFBB414) '                    Y02953 37324002
              PUNCH '      INCLUDE AOSB3(IEFBB416) '                    Y02953 37330002
              PUNCH '      INCLUDE AOSB3(IEFBB4M1) '                    Y02953 37336002
              PUNCH '      INCLUDE AOSB3(IEFBB4M2) '                    Y02953 37342002
              PUNCH '      INCLUDE AOSB3(IEFBB4M3) '                    Y02953 37348002
              PUNCH '      INCLUDE AOSB3(IEFBB4M4) '                    Y02953 37354002
              PUNCH '      INCLUDE AOSB3(IEFBB4M5) '                    Y02953 37360002
                    AGO   .IOGEN35                                      Y02953 37366002
            .IOGEN3   ANOP                                              Y02953 37372002
              PUNCH '      INCLUDE SYSLMOD(IEFW21SD) '                  Y02953 37378002
            .IOGEN35  ANOP                                              Y02953 37384002
              PUNCH '      ORDER IEFDB400 '                             Y02953 37390002
              PUNCH '      ORDER IEFDB401 '                             Y02953 37396002
              PUNCH '      ORDER IEFAB4F7(P) '                          Y02953 37402002
              PUNCH '      ORDER IEFAB4F6 '                            @YM04028 37405002
              PUNCH '      ORDER IEFDB4FF '                             Y02953 37408002
              PUNCH '      ORDER IEFDB4FC '                             Y02953 37414002
              PUNCH '      ORDER IEFDB4FA '                             Y02953 37420002
              PUNCH '      ORDER IEFDB410(P) '                          Y02953 37426002
              PUNCH '      ORDER IEFDB412 '                             Y02953 37432002
              PUNCH '      ORDER IEFDB411 '                             Y02953 37438002
              PUNCH '      ORDER IEFAB4DC '                             Y02953 37444002
              PUNCH '      ORDER IEFDB417 '                             Y02953 37450002
              PUNCH '      ORDER IEFAB4E9 '                             Y02953 37456002
              PUNCH '      ORDER IEFAB445 '                             Y02953 37462002
              PUNCH '      ORDER IEFDB413 '                             Y02953 37468002
              PUNCH '      ORDER IEFDB414 '                             Y02953 37474002
              PUNCH '      ORDER IEFDB418 '                             Y02953 37480002
              PUNCH '      ORDER IEFDB4FE '                             Y02953 37486002
              PUNCH '      ORDER IEFDB4F9 '                             Y02953 37486402
              PUNCH '      ORDER IEFDB4F8 '                             Y02953 37488002
              PUNCH '      ORDER IEFDB4FD '                             Y02953 37492002
              PUNCH '      ORDER IEFDB480 '                             Y02953 37498002
              PUNCH '      ORDER IEFDB481 '                             Y02953 37510002
              PUNCH '      ORDER IEFDB4A0 '                             Y02953 37516002
              PUNCH '      ORDER IEFDB4A1 '                             Y02953 37522002
              PUNCH '      ORDER IEFDB470 '                             Y02953 37528002
              PUNCH '      ORDER IEFDB450 '                             Y02953 37534002
              PUNCH '      ORDER IEFDB460 '                             Y02953 37540002
              PUNCH '      ORDER IEFDB490 '                             Y02953 37546002
              PUNCH '      ORDER IEFBB401 '                             Y02953 37552002
              PUNCH '      ORDER IEFAB4FE '                             Y02953 37564002
              PUNCH '      ORDER IEFBB402 '                             Y02953 37570002
              PUNCH '      ORDER IEFBB404 '                             Y02953 37576002
              PUNCH '      ORDER IEFBB4M3 '                             Y02953 37582002
              PUNCH '      ORDER IEFAB451 '                             Y02953 37588002
              PUNCH '      ORDER IEFAB452 '                             Y02953 37594002
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PUNCH '      ORDER IEFAB453 '                    Y02953 37600002
PUNCH '      ORDER IEFAB470 '                    Y02953 37606002
PUNCH '      ORDER IEFAB454 '                    Y02953 37612002
PUNCH '      ORDER IEFAB457 '                    Y02953 37618002
PUNCH '      ORDER IEFAB464 '                    Y02953 37624002
PUNCH '      ORDER IEFAB459 '                    Y02953 37630002
PUNCH '      ORDER IEFAB421 '                    Y02953 37636002
PUNCH '      ORDER IEFAB427 '                    Y02953 37642002
PUNCH '      ORDER IEFAB431 '                    Y02953 37648002
PUNCH '      ORDER IEFAB423 '                    Y02953 37654002
PUNCH '      ORDER IEFAB424 '                    Y02953 37660002
PUNCH '      ORDER IEFAB425 '                    Y02953 37666002
PUNCH '      ORDER IEFAB426 '                    Y02953 37672002
PUNCH '      ORDER IEFAB430 '                    Y02953 37678002
PUNCH '      ORDER IEFAB433 '                    Y02953 37684002
PUNCH '      ORDER IEFAB436(P) '                 Y02953 37690002
PUNCH '      ORDER IEFAB440(P) '                 Y02953 37696002
PUNCH '      ORDER IEFAB4F0 '                    Y02953 37702002
PUNCH '      ORDER IEFAB434(P) '                 Y02953 37708002
PUNCH '      ORDER IEFAB428 '                    Y02953 37714002
PUNCH '      ORDER IEFAB4FC '                    Y02953 37720002
PUNCH '      ORDER IEFAB435(P) '                 Y02953 37726002
PUNCH '      ORDER IEFAB441 '                   @YM03736 37728002
PUNCH '      ORDER IEFAB442 '                   @YM03736 37730002
PUNCH '      ORDER IEFAB432 '                    Y02953 37732002
PUNCH '      ORDER IEFAB490 '                    Y02953 37738002
PUNCH '      ORDER IEFAB4F3 '                    Y02953 37744002
PUNCH '      ORDER IEFAB4FD '                    Y02953 37750002
PUNCH '      ORDER IEFAB471(P) '                 Y02953 37756002
PUNCH '      ORDER IEFAB4FA(P) '                 Y02953 37762002
PUNCH '      ORDER IEFAB473(P) '                 Y02953 37768002
PUNCH '      ORDER IEFAB4M5 '                    Y02953 37774002
PUNCH '      ORDER IEFAB4F9 '                    Y02953 37780002
PUNCH '      ORDER IEFAB4F8 '                    Y02953 37786002
PUNCH '      ORDER IEFAB475 '                    Y02953 37792002
PUNCH '      ORDER IEFAB476 '                    Y02953 37798002
PUNCH '      ORDER IEFAB480 '                    Y02953 37804002
PUNCH '      ORDER IEFAB4F2(P) '                 Y02953 37810002
PUNCH '      ORDER IEFAB492 '                    Y02953 37816002
PUNCH '      ORDER IEFAB493 '                    Y02953 37822002
PUNCH '      ORDER IEFAB494(P) '                 Y02953 37828002
PUNCH '      ORDER IEFAB495 '                    Y02953 37834002
PUNCH '      ORDER IEFBB410(P) '                 Y02953 37840002
PUNCH '      ORDER IEFBB412 '                    Y02953 37846002
PUNCH '      ORDER IEFBB414 '                    Y02953 37852002
PUNCH '      ORDER IEFBB416 '                    Y02953 37858002
PUNCH '      ORDER IEFAB4EC '                   @Z40LPSM 37859004
PUNCH '      ORDER IEFAB4A0 '                    Y02953 37864002
PUNCH '      ORDER IEFAB4A2(P) '                 Y02953 37870002
PUNCH '      ORDER IEFAB4SF    '                @E0044PJ 37873000
PUNCH '      ORDER IEFAB4A4(P) '                 Y02953 37876002
PUNCH '      ORDER IEFAB4A6 '                    Y02953 37882002
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               PUNCH '      ORDER IEFAB4A8 '                          Y02953 37888002
               PUNCH ' ALIAS IGC0009I '                               Y02953 37894002
               PUNCH ' ALIAS IEFAB4DC '                               Y02953 37900002
               PUNCH ' ALIAS IEFBB410 '                               Y02953 37906002
               PUNCH ' ALIAS IEFAB49C '                               Y02953 37912002
               PUNCH ' ALIAS IEFAB4F5 '                               Y02953 37914002
               PUNCH ' ALIAS IEFAB4F4 '                               Y02953 37916002
               PUNCH ' ALIAS IEFAB4UV '                               Y02038 37916503
               PUNCH ' ALIAS IEFAB445 '                              @YM06251 37917002
               PUNCH ' ALIAS IEFAB4EC '                              @Z40LPSM 37917504
               PUNCH ' ALIAS IEFAB4SF '                              @E0044PJ 37917700
               PUNCH ' ENTRY IEFBB401 '                               Y02953 37918002
               PUNCH ' NAME  IEFW21SD(R) '                            Y02953 37924002
                AIF   (&GETB(3)).IOGEN36                             @G64DPSJ 37925064
              .*************************************************************** 37926002
              .*                                                               Y02953 37928002
              .*       SCHEDULER RESOURCE MANAGER                              Y02953 37928402
              .*                                                               Y02953 37928802
              .*************************************************************** 37929202
                PUNCH ' INCLUDE AOSB3(IEFAB4E5) '                            Y02953 37929602
                PUNCH ' INCLUDE AOSB3(IEFAB4F6) '                           @YM04028 37930602
                PUNCH ' CHANGE IEFBR14(IEFAB4E1) '                          @YM04028 37931602
                PUNCH ' INCLUDE AOSB3(IEFBR14) '                            @YM04028 37932602
                PUNCH ' INCLUDE AOSB3(IEFAB4FA) '                            Y02953 37935002
                PUNCH ' INCLUDE AOSB3(IEFAB498) '                            Y02953 37945002
                PUNCH ' ENTRY IEFAB4E5 '                                     Y02953 37945464
                PUNCH ' NAME  IEFAB4E5(R) '                                  Y02953 37947464
              .IOGEN36 ANOP                                                 @G64DPSJ 37949464
                PUNCH '/*'                                                   Y02953 37951464
               AIF (&GETB(3)).IOGEN4                                         Y02953 37953464
              &SGCTRLC(7)  SETC  '&SGCTRLC(20)'      SET VOLUME FOR LPALIB   Y02953 37963002
              &SGCTRLC(8)  SETC  '&SGCTRLC(19)'      SET UNIT NAME FOR LPALIB Y02953 37968402
              &SGCTRLC(9)  SETC  'LPALIB'            SET DSNAME TO LPALIB    Y02953 37973802
              &SGCTRLC(10) SETC  ',LET'                                      Y02953 37979202
              &SGCTRLC(11) SETC  ',RENT'                                     Y02953 37984602
               COPY  SGLEDPK1                PUNCH L.E. JCL DECK           Y02953 37990002
                PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3' Y02953 37995402
                PUNCH '//AOS00 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOS00' Y02953 38000802
               COPY  SGLEDPK2                                                Y02953 38006202
              .*************************************************************** 38011602
              .*                                                               Y02953 38017002
              .*       SCHEDULER RESOURCE MANAGERS                             Y02953 38022402
              .*                                                               Y02953 38027802
              .*************************************************************** 38033202
                PUNCH ' INCLUDE AOSB3(IEFJRECM) '                            Y02953 38038602
                PUNCH ' INCLUDE AOSB3(IEFISEXR) '                            Y02953 38044002
                PUNCH ' ORDER IEFJRECM '                                     Y02953 38049402
                PUNCH ' ORDER IEFISEXR '                                     Y02953 38054802
                PUNCH ' ENTRY IEFJRECM '                                     Y02953 38060202
                PUNCH ' NAME  IEFJRECM(R) '                                  Y02953 38065602
                PUNCH ' INCLUDE AOSB3(IEFIRECM) '                            Y02953 38071002
                PUNCH ' INCLUDE AOSB3(IEFISEXR) '                            Y02953 38076402
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                PUNCH ' ORDER IEFIRECM '                                 Y02953 38081802
                PUNCH ' ORDER IEFISEXR '                                 Y02953 38087202
                PUNCH ' ENTRY IEFIRECM '                                 Y02953 38092602
                PUNCH ' NAME  IEFIRECM(R) '                              Y02953 38098002
          .*************************************************************Y02953 38110002
          .*                                                             Y02953 38116002
          .*                   SMF                                       Y02953 38122002
          .*                                                             Y02953 38128002
          .*************************************************************Y02953 38134002
                PUNCH ' INCLUDE AOS00(IEEMB829)'                         Y02953 38140002
                PUNCH ' INCLUDE AOS00(IEEMB828)'                         Y02953 38146002
                PUNCH ' INCLUDE AOS00(IEEMB825)'                         Y02953 38152002
                PUNCH ' INCLUDE AOS00(IEEMB826)'                         Y02953 38158002
                PUNCH ' INCLUDE AOS00(IEEMB827)'                         Y02953 38164002
                PUNCH ' INCLUDE AOS00(IEFU29)'                          @Z40FPSM 38167000
                PUNCH ' ORDER IEEMB829 '                                 Y02953 38170002
                PUNCH ' ORDER IEFU29'                                   @Z40FPSM 38173000
                PUNCH ' ORDER IEEMB828 '                                 Y02953 38176002
                PUNCH ' ORDER IEEMB825 '                                 Y02953 38182002
                PUNCH ' ORDER IEEMB826 '                                 Y02953 38188002
                PUNCH ' ORDER IEEMB827 '                                 Y02953 38194002
             PUNCH ' ENTRY IEEMB829 '                                    Y02953 38200002
             PUNCH ' NAME  IEEMB829(R) '                                 Y02953 38206002
                  PUNCH ' INCLUDE AOS00(IEFU83)'                         Y02953 38212002
                  PUNCH ' ENTRY IEFU83'                                  Y02953 38218002
             PUNCH ' NAME IEFU83(R)'                                     Y02953 38224002
          .************************************************************* 38230002
          .*                                                            Y02953 38236002
          .*              DISPLAY ACTIVE                                Y02953 38242002
          .*                                                            Y02953 38248002
          .************************************************************* 38254002
                  PUNCH ' INCLUDE AOSB3(IEECB800)'                       Y02953 38260002
                  PUNCH ' INCLUDE AOSB3(IEECB801)'                       Y02953 38266002
                  PUNCH ' ENTRY IEECB800'                                Y02953 38272002
             PUNCH ' NAME IEECB800(R)'                                   Y02953 38278002
          .************************************************************* 38284002
          .*                                                            Y02953 38290002
          .*                 STAE                                       Y02953 38296002
          .*                                                            Y02953 38302002
          .************************************************************* 38308002
                  PUNCH ' INCLUDE AOSB3(IEECB860) '                      Y02953 38314002
             PUNCH ' NAME IEECB860(R) '                                  Y02953 38320002
                  PUNCH ' INCLUDE AOSB3(IEESB665) '                      Y02953 38326002
             PUNCH ' NAME IEESB665(R) '                                  Y02953 38332002
                  PUNCH '/*'                                             Y02953 38338002
        &SGCTRLC(7)  SETC  '&SGCTRLC(20)'       SET VOLUME FOR LPALIB    Y02953 38344002
        &SGCTRLC(8)  SETC  '&SGCTRLC(19)'       SET UNIT NAME FOR LPALIB Y02953 38350002
        &SGCTRLC(9)  SETC  'LPALIB'             SET DSNAME               Y02953 38356002
        &SGCTRLC(10) SETC  ',LET'                                        Y02953 38362002
        &SGCTRLC(11) SETC  ',RENT'                                       Y02953 38374002
                  COPY  SGLEDPK1                PUNCH L. E. JCL DECK     Y02953 38380002
           PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3' Y02953 38386002
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          PUNCH '//AOST4 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOST4'  Y02953 38392002
          PUNCH '//AOSC5 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSC5'  Y02953 38398002
                 COPY  SGLEDPK2                                           Y02953 38404002
         .*********************************************************************** 38410002
         .*                                                                      Y02953 38416002
         .*                  TOD CLOCK                                           Y02953 38422002
         .*                                                                      Y02953 38428002
         .*********************************************************************** 38434002
                PUNCH ' INCLUDE AOSC5(IEAVRTOD) '                                Y02953 38440002
           PUNCH ' ALIAS IEAVRINT,IEAVRSSC '                                     Y02953 38446002
           PUNCH ' ALIAS IEAVRCAN,IEAVRNOT '                                     Y02953 38448002
           PUNCH ' NAME  IEAVRTOD(R) '                                           Y02953 38452002
         .*********************************************************************** 38458002
         .*                                                                      Y02953 38464002
         .*                    MASTER SCHEDULER                                  Y02953 38470002
         .*                                                                      Y02953 38476002
         .*********************************************************************** 38482002
                  PUNCH ' INCLUDE AOSB3(IEEVWAIT)'                               Y02953 38488002
             PUNCH ' NAME IEEVWAIT(R)'                                           Y02953 38494002
                  PUNCH ' INCLUDE AOSB3(IEEVSTAR,IEEVJCL)'                       Y02953 38512002
                  PUNCH ' ENTRY IEEVSTAR '                                       Y02953 38518002
             PUNCH ' NAME IEEVSTAR(R) '                                          Y02953 38524002
                  PUNCH ' INCLUDE AOSB3(IEEPRWI2)'                               Y02953 38530002
             PUNCH ' NAME IEEPRWI2(R) '                                          Y02953 38536002
                  PUNCH ' INCLUDE AOSB3(IEEVMNT1)'                               Y02953 38542002
                  PUNCH ' INCLUDE AOSB3(IEEVJCL)'                                Y02953 38548002
                  PUNCH ' ENTRY IEEVMNT1'                                        Y02953 38554002
             PUNCH ' NAME IEEVMNT1(R) '                                          Y02953 38560002
                  PUNCH ' INCLUDE AOSB3(IEEVMNT2)'                               Y02953 38566002
                  PUNCH ' INCLUDE AOSB3(IEEVSMSG)'                               Y02953 38572002
                  PUNCH ' ENTRY IEEVMNT2'                                        Y02953 38578002
             PUNCH ' NAME IEEVMNT2(R)'                                           Y02953 38584002
                  PUNCH ' INCLUDE AOSB3(IEEMB810)'                               Y02953 38590002
             PUNCH ' NAME IEEMB810(R)'                                           Y02953 38596002
         .*   MOVE LOAD MODULE IEEMB811 BACK TO LPALIB                          @VS49594 38597064
                  PUNCH ' INCLUDE AOSB3(IEEMB811)'                              @G64UPSJ 38598064
                  PUNCH ' INCLUDE AOSB3(IEEMB876)'                              @G64UPSJ 38599064
                  PUNCH ' ENTRY IEEMB811 '                                      @G64UPSJ 38600064
             PUNCH ' NAME IEEMB811(R)'                                          @G64UPSJ 38601064
                  PUNCH ' INCLUDE AOSB3(IEEMB812)'                               Y02953 38602064
                  PUNCH ' INCLUDE AOSC5(IRBMFANL,IRARMIPS)'                     @Z40BPSM 38606064
                  PUNCH ' ORDER IEEMB812(P)'                                    @G64UPSJ 38610064
                  PUNCH ' ORDER IRBMFANL '                                      @G64UPSJ 38614064
                  PUNCH ' ORDER IRARMIPS(P)'                                    @Z40BPSM 38618064
                  PUNCH ' ENTRY IEEMB812 '                                      @G64UPSJ 38622064
             PUNCH ' NAME IEEMB812(R)'                                          @G64UPSJ 38626064
         .*********************************************************************** 38638002
         .*                                                                      Y02953 38644002
         .*                    MASTER SCHEDULER                                  Y02953 38650002
         .*                                                                      Y02953 38656002
         .*********************************************************************** 38662002
                  PUNCH ' INCLUDE AOSB3(IEESB605) '                              Y02953 38668002
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                PUNCH ' INCLUDE AOSB3(IEESB601) '                        Y02953 38674002
                PUNCH ' INCLUDE AOSB3(IEFAB4F6) '                       @YM04049 38677002
                PUNCH ' INCLUDE AOSB3(IEFAB4FC) '                        Y02953 38680002
                PUNCH ' INCLUDE AOSB3(IEFJSWT)'                          Y02953 38692002
                PUNCH ' INCLUDE AOSB3(IEEVSMSG)'                         Y02953 38698002
                PUNCH ' ORDER IEESB605 '                                 Y02953 38704002
                PUNCH ' ORDER IEFJSWT'                                   Y02953 38710002
                PUNCH ' ORDER IEESB601 '                                 Y02953 38716002
                PUNCH ' ORDER IEFAB4FC '                                 Y02953 38728002
                PUNCH ' ORDER IEEVSMSG'                                  Y02953 38734002
             PUNCH ' ENTRY IEESB605 '                                    Y02953 38740002
             PUNCH ' ALIAS IEEVIC,IEEVICER '                             Y02953 38746002
             PUNCH ' NAME  IEESB605(R) '                                 Y02953 38752002
                  PUNCH ' INCLUDE AOSB3(IEESB670) '                      Y02953 38758002
             PUNCH ' NAME  IEESB670(R) '                                 Y02953 38764002
          .*************************************************************** 38764664
          .*                                                            @G64MP2D 38765264
          .*                   MASTER TRACE FACILITY                    @G64MP2D 38765464
          .*                                                            @G64MP2D 38765664
          .*  NOTE: IEEMB808 MUST BE FIRST MODULE IN THE LOAD MODULE    @G64MP2D 38765864
          .*        AND IEEMB816 MUST BE THE LAST                       @G64MP2D 38766064
          .*                                                            @G64MP2D 38766264
          .*************************************************************** 38766464
                  PUNCH ' INCLUDE AOSB3(IEEMB808)'                      @G64MP2D 38766664
                  PUNCH ' INCLUDE AOSB3(IEEMB809)'                      @G64MP2D 38766864
                  PUNCH ' INCLUDE AOSB3(IEEMB816)'                      @G64MP2D 38767064
                  PUNCH ' ORDER IEEMB808(P)'                            @G64MP2D 38767264
                  PUNCH ' ORDER IEEMB809'                               @G64MP2D 38767464
                  PUNCH ' ORDER IEEMB816'                               @G64MP2D 38767664
                  PUNCH ' ALIAS IEEMB809'                               @G64MP2D 38767864
                  PUNCH ' ENTRY IEEMB808'                               @G64MP2D 38768064
                  PUNCH ' NAME  IEEMB808(R)'                            @G64MP2D 38768264
          .*************************************************************** 38770002
          .*                                                              Y02953 38776002
          .*                     CONVERTER                                Y02953 38782002
          .*                                                              Y02953 38788002
          .*************************************************************** 38794002
                  PUNCH ' INCLUDE AOSB3(IEFVHA)'                          Y02953 38806002
                  PUNCH ' INCLUDE AOSB3(IEFVHC,IEFVHCB)'                  Y02953 38818002
                  PUNCH ' INCLUDE AOSB3(IEFVINE,IEFVHM,IEFVHL)'           Y02953 38824002
                  PUNCH ' INCLUDE AOSB3(IEFVINA) '                        Y02953 38830002
                  PUNCH ' INCLUDE AOSB3(IEFVIND) '                        Y02953 38836002
                  PUNCH ' INCLUDE AOSB3(IEFVINB) '                        Y02953 38842002
                  PUNCH ' INCLUDE AOSB3(IEFVINC) '                        Y02953 38848002
                  PUNCH ' INCLUDE AOSB3(IEFVHEB)'                         Y02953 38854002
                  PUNCH ' INCLUDE AOSB3(IEFNB9CR)'                        Y02953 38860002
                  PUNCH ' INCLUDE AOSB3(IEFNB9CT)'                        Y02953 38866002
                  PUNCH ' INCLUDE AOSB3(IEFVFA,IEFVFB)'                   Y02953 38878002
                  PUNCH ' INCLUDE AOSB3(IEFVGM) '                         Y02953 38884002
                  PUNCH ' INCLUDE AOSB3(IEFVHQ)'                          Y02953 38890002
                  PUNCH ' INCLUDE AOSB3(IEFVHR)'                          Y02953 38896002
                  PUNCH ' INCLUDE AOSB3(IEFVHF)'                          Y02953 38902002
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                PUNCH '        CHANGE IEFVHA(IEFVPP0) PRIVATE PROCLIB' #DYP001 38907099     *          INSERTED*
                PUNCH ' INCLUDE AOSB3(IEFVH1)'                          Y02953 38908002
                PUNCH ' INCLUDE AOSB3(IEZNCODE) '                       Y02953 38914002
                PUNCH ' INCLUDE AOSB3(IEZDCODE) '                       Y02953 38920002
                PUNCH ' INCLUDE AOSB3(IEFVGM90) '                      @G29ANSJ 38970041
          *     NEW CSECT FOR PRIVATE PROCLIB                           #DYP001 38971099     *          INSERTED*
                PUNCH '         INCLUDE AOSB3(IEFVPP) PRIVATE PROCLIB' #DYP001 38972099     *          INSERTED*
                PUNCH ' ENTRY IEFVH1'                                   Y02953 39022002
             PUNCH ' NAME IEFVH1(R)'                                    Y02953 39028002
          .*************************************************************** 39034002
          .*                                                            Y02953 39040002
          .*              INTERPRETER                                   Y02953 39050002
          .*                                                            Y02953 39052002
          .*************************************************************** 39058002
                PUNCH ' INCLUDE AOSB3(IEFVHE)'                          Y02953 39064002
                PUNCH ' INCLUDE AOSB3(IEFVJA,IEFVEA,IEFVGK,IEFVGT)'     Y02953 39070002
                PUNCH ' INCLUDE AOSB3(IEFVDA,IEFVGI,IEFVGS,IEFVDBSD)'   Y02953 39076002
                PUNCH ' INCLUDE AOSB3(IEFVHH) '                         Y02953 39082002
                PUNCH ' INCLUDE AOSB3(IEFVGM) '                         Y02953 39088002
                PUNCH ' INCLUDE AOSB3(IEFVHQ)'                          Y02953 39094002
                PUNCH ' INCLUDE AOSB3(IEFVHR)'                          Y02953 39100002
                PUNCH ' INCLUDE AOSB3(IEFVHN)'                          Y02953 39112002
                PUNCH ' INCLUDE AOSB3(IEFNB903)'                        Y02953 39118002
                PUNCH ' INCLUDE AOSB3(IEFNB901)'                        Y02953 39120002
                PUNCH ' INCLUDE AOSB3(IEFNB9IR)'                        Y02953 39124002
                PUNCH ' INCLUDE AOSB3(IEFNB9IT)'                        Y02953 39130002
             PUNCH ' ENTRY IEFNB903 '                                   Y02953 39142002
             PUNCH ' NAME IEFNB903(R)'                                  Y02953 39148002
                  PUNCH ' INCLUDE AOSB3(IEFNB902) '                     Y02953 39196002
             PUNCH ' NAME IEFVAMP(R) '                                  Y02953 39202002
                  PUNCH '/*'                                            Y02953 39256002
          &SGCTRLC(7)    SETC   '&SGCTRLC(20)'    SET VOLUME ID FOR LPALIB Y02953 39268002
          &SGCTRLC(8)    SETC   '&SGCTRLC(19)'    SET UNIT NAME FOR LPALIB Y02953 39274002
          &SGCTRLC(9)    SETC   'LPALIB'          SET DSNAME               Y02953 39280002
          &SGCTRLC(10)   SETC   ',LET'             SET PARMS FOR L.E.      Y02953 39286002
          &SGCTRLC(11)   SETC   ',RENT'            SET REENTRANT FOR L.E.  Y02953 39292002
                  COPY  SGLEDPK1                                        Y02953 39298002
            PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3' Y02953 39304002
            PUNCH '//AOSA1 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSA1' Y02953 39310002
                  COPY  SGLEDPK2                                        Y02953 39316002
          .*************************************************************** 39328002
          .*                                                            Y02953 39334002
          .*                   BR14                                     Y02953 39340002
          .*                                                            Y02953 39346002
          .*************************************************************** 39352002
                  PUNCH ' INCLUDE AOSB3(IEFBR14)'                       Y02953 39358002
             PUNCH ' NAME IEFBR14(R)'                                   Y02953 39364002
          .*************************************************************** 39366002
          .*                                                            Y02953 39368002
          .*                   RESTART                                  Y02953 39368402
          .*                                                            Y02953 39368802
          .*************************************************************** 39369202
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               PUNCH ' INCLUDE AOSB3(IEFIB600)'                        Y02953 39370002
               PUNCH ' INCLUDE AOSB3(IEFIB645)'                        Y02953 39376002
               PUNCH ' INCLUDE AOSB3(IEFIB605,IEFXB601)'               Y02953 39382002
               PUNCH ' INCLUDE AOSB3(IEFXB603,IEFXB609)'               Y02953 39388002
               PUNCH ' INCLUDE AOSA1(IDAVBPJ2,IDDWIMRG) '              Y02953 39394002
               PUNCH ' ORDER IEFIB600'                                 Y02953 39430002
               PUNCH ' ORDER IEFIB605'                                 Y02953 39436002
               PUNCH ' ORDER IEFXB601'                                 Y02953 39442002
               PUNCH ' ORDER IDAVBPJ2,IDDWIMRG '                       Y02953 39448002
               PUNCH ' ORDER IEFIB645'                                 Y02953 39454002
               PUNCH ' ORDER IEFXB603,IEFXB609'                        Y02953 39460002
               PUNCH ' ALIAS IEFXB603 '                                Y02953 39466002
            PUNCH ' ENTRY IEFIB600 '                                   Y02953 39469002
            PUNCH ' NAME IEFIB600(R)'                                  Y02953 39472002
               PUNCH ' INCLUDE AOSB3(IEFXB602)'                        Y02953 39484002
               PUNCH ' ALIAS IEF602'                                   Y02953 39490002
            PUNCH ' NAME IEFXB602(R)'                                  Y02953 39496002
            PUNCH '      INCLUDE AOSB3(IEFXB610) '                     Y02953 39498002
            PUNCH ' NAME  IEFXB610(R) '                                Y02953 39500002
          .************************************************************ 39502002
          .*                                                           Y02953 39508002
          .*                   DISPLAY CONSOLES                        Y02953 39514002
          .*                                                           Y02953 39520002
          .************************************************************ 39526002
               PUNCH ' INCLUDE AOSB3(IEEXEDNA)'                        Y02953 39532002
               PUNCH ' ENTRY IEEXEDNA'                                    MCS 39538002
            PUNCH ' NAME IEEXEDNA(R) '                                 Y02953 39544002
            PUNCH '/*  '                                               Y02953 39550002
               AIF (&GETB(3)).IOGEN8                                         39553002
          &SGCTRLC(7)  SETC  '&SGCTRLC(20)'       SET VOLUME FOR LPALIB    Y02953 39556002
          &SGCTRLC(8)  SETC  '&SGCTRLC(19)'       SET UNIT FOR LPALIB      Y02953 39562002
          &SGCTRLC(9)  SETC  'LPALIB'             SET DSNAME               Y02953 39568002
          &SGCTRLC(10) SETC  ',LET'                                        Y02953 39574002
          &SGCTRLC(11) SETC  ',RENT'                                       Y02953 39580002
          &SGCTRLC(12) SETC  ',AC=1'                                       Y02953 39586002
               COPY  SGLEDPK1                                              Y02953 39592002
           PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3'  Y02953 39598002
               COPY  SGLEDPK2                                              Y02953 39610002
          .************************************************************ 39616002
          .*                                                           Y02953 39622002
          .*                     RESTART                               Y02953 39628002
          .*                                                           Y02953 39634002
          .************************************************************ 39640002
            PUNCH '      INCLUDE AOSB3(IEFRSTRT) '                     Y02953 39646002
            PUNCH ' ALIAS IEFSMR '                                     Y02953 39658002
            PUNCH ' NAME  IEFRSTRT(R) '                                Y02953 39664002
            PUNCH '/* '                                                Y02953 39682002
          .IOGEN4  ANOP                                               @G3800SJ 39684064
               AIF   (&GETB(3) AND NOT &SGMENTB(38)).IOGEN9           @G3800SJ 39686064
          &SGCTRLC(7)  SETC  '&SGCTRLC(20)'       SET VOLUME FOR LPALIB    Y02953 39688002
          &SGCTRLC(8)  SETC  '&SGCTRLC(19)'       SET UNIT FOR LPALIB      Y02953 39694002
          &SGCTRLC(9)  SETC  'LPALIB'             SET DSNAME               Y02953 39700002
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         &SGCTRLC(10) SETC  ',LET'                                      Y02953 39706002
         &SGCTRLC(11) SETC  ',RENT'                                     Y02953 39712002
                 COPY  SGLEDPK1                                         Y02953 39724002
          PUNCH '//AOSB3 DD DISP=SHR,VOLUME=(,RETAIN),DSNAME=SYS1.AOSB3'  Y02953 39730002
                 COPY  SGLEDPK2                                         Y02953 39736002
                 AIF   (&GETB(3)).IOGEN5                               @G3800SJ 39739064
         .*************************************************************** 39742002
         .*                                                             Y02953 39748002
         .*                     MASTER SCHEDULER                        Y02953 39754002
         .*                                                             Y02953 39760002
         .*************************************************************** 39766002
                 PUNCH ' INCLUDE AOSB3(IEEPRTN2)  '                     Y02953 39772002
                 PUNCH ' ALIAS IEERGN '                                 Y02953 39778002
            PUNCH ' NAME IEEPRTN(R) '                                   Y02953 39784002
            PUNCH '      INCLUDE AOSB3(IEFJSREQ) '                      Y02953 39790002
            PUNCH ' NAME  IEFJSREQ(R) '                                 Y02953 39796002
            PUNCH '      INCLUDE AOSB3(IEFJSDTN) '                      Y02953 39802002
            PUNCH ' NAME  IEFJSDTN(R) '                                 Y02953 39808002
            PUNCH '      INCLUDE AOSB3(IEFJRASP) '                      Y02953 39814002
            PUNCH ' NAME  IEFJRASP(R) '                                 Y02953 39820002
            PUNCH '      INCLUDE AOSB3(IEFJDSNA) '                      Y02953 39826002
            PUNCH ' NAME  IEFJDSNA(R) '                                 Y02953 39832002
            PUNCH '      INCLUDE AOSB3(IEFJJTRM) '                      Y02953 39834002
            PUNCH ' NAME  IEFJJTRM(R) '                                 Y02953 39836002
                 PUNCH ' INCLUDE AOSB3(IEFJJOBS) '                      Y02953 39838002
                 PUNCH ' INCLUDE AOSB3(IEFJCNTL) '                      Y02953 39844002
                 PUNCH ' INCLUDE AOSB3(IEFJWTOM) '                      Y02953 39850002
                 PUNCH ' INCLUDE AOSB3(IEFJJCLS) '                      Y02953 39856002
                 PUNCH ' INCLUDE AOSB3(IEFJCDLT) '                      Y02953 39862002
                 PUNCH ' INCLUDE AOSB3(IEFJACTL) '                      Y02953 39868002
                 PUNCH ' INCLUDE AOSB3(IEFJREAD) '                      Y02953 39874002
                 PUNCH ' INCLUDE AOSB3(IEFJWRTE) '                      Y02953 39880002
                 PUNCH ' INCLUDE AOSB3(IEFJDIRD) '                      Y02953 39886002
                 PUNCH ' INCLUDE AOSB3(IEFJDWRT) '                      Y02953 39892002
                 PUNCH ' ORDER IEFJJOBS '                               Y02953 39898002
                 PUNCH ' ORDER IEFJJCLS '                               Y02953 39904002
                 PUNCH ' ORDER IEFJCNTL '                               Y02953 39910002
                 PUNCH ' ORDER IEFJCDLT '                               Y02953 39916002
                 PUNCH ' ORDER IEFJACTL '                               Y02953 39922002
                 PUNCH ' ORDER IEFJREAD '                               Y02953 39928002
                 PUNCH ' ORDER IEFJWRTE '                               Y02953 39934002
                 PUNCH ' ORDER IEFJDWRT '                               Y02953 39940002
                 PUNCH ' ORDER IEFJWTOM '                               Y02953 39946002
                 PUNCH ' ORDER IEFJDIRD '                               Y02953 39952002
            PUNCH ' ENTRY IEFJJOBS '                                    Y02953 39958002
            PUNCH ' NAME  IEFJSUBI(R) '                                 Y02953 39964002
         .*************************************************************** 39970002
         .*                                                             Y02953 39976002
         .*                     INITIATOR                               Y02953 39982002
         .*                                                             Y02953 39988002
         .*************************************************************** 39994002
         .IOGEN5  ANOP                                                 @G3800SJ 39995064
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                PUNCH ' INCLUDE SYSPUNCH(IEFSDPPT) '                  @G3800SJ 39996064
                AIF   (&GETB(3)).IOGEN6                               @G3800SJ 39997064
                PUNCH ' INCLUDE AOSB3(IEFIIC) '                         Y02953 40000002
                PUNCH ' INCLUDE AOSB3(IEFSD160) '                       Y02953 40006002
                PUNCH ' INCLUDE AOSB3(IEFIB620) '                       Y02953 40012002
                PUNCH ' INCLUDE AOSB3(IEFIB621) '                       Y02953 40018002
                PUNCH ' INCLUDE AOSB3(IEFI922B) '                       Y02953 40024002
                PUNCH ' INCLUDE AOSB3(IEFIB650) '                       Y02953 40030002
                PUNCH ' INCLUDE AOSB3(IEFSD161) '                       Y02953 40036002
                PUNCH ' INCLUDE AOSB3(IEFDSTBL) '                       Y02953 40042002
                PUNCH ' INCLUDE AOSB3(IEFDSLST) '                       Y02953 40048002
                PUNCH ' INCLUDE AOSB3(IEFICPUA) '                       Y02953 40050002
                PUNCH ' INCLUDE AOSB3(IEFIMASK) '                       Y02953 40052002
                PUNCH ' INCLUDE AOSB3(IEFSD101) '                       Y02953 40054002
                PUNCH ' INCLUDE AOSB3(IEFSMFIE) '                       Y02953 40060002
                PUNCH ' INCLUDE AOSB3(IEFUJI) '                         Y02953 40066002
                PUNCH ' INCLUDE AOSB3(IEFUSI) '                         Y02953 40072002
                PUNCH ' INCLUDE AOSB3(IEFSD102) '                       Y02953 40084002
                PUNCH ' INCLUDE AOSB3(IEFSD162) '                       Y02953 40090002
                PUNCH ' INCLUDE AOSB3(IEFICATL) '                       Y02953 40096002
                PUNCH ' INCLUDE AOSB3(IEFQB585) '                       Y02953 40102002
                PUNCH ' INCLUDE AOSB3(IEFXB604) '                       Y02953 40108002
                PUNCH ' INCLUDE AOSB3(IEFXB500) '                       Y02953 40114002
                PUNCH ' INCLUDE AOSB3(IEFSD103) '                       Y02953 40120002
                PUNCH ' INCLUDE AOSB3(IEFSD263) '                       Y02953 40126002
                PUNCH ' INCLUDE AOSB3(IEFAB820) '                       Y02953 40132002
                PUNCH ' INCLUDE AOSB3(IEFIB660) '                       Y02953 40134002
                PUNCH ' INCLUDE AOSB3(IEFUTL) '                         Y02953 40138002
                PUNCH ' INCLUDE AOSB3(IEFSD164) '                       Y02953 40144002
                PUNCH ' INCLUDE AOSB3(IEFSD166) '                       Y02953 40150002
                AGO   .IOGEN7                                         @G3800SJ 40151064
.IOGEN6         ANOP                                                  @G3800SJ 40152064
                PUNCH ' INCLUDE SYSLMOD(IEFSD060)'                    @G3800SJ 40153064
.IOGEN7         ANOP                                                  @G3800SJ 40154064
                PUNCH ' ORDER IEFIIC  '                                 Y02953 40156002
                PUNCH ' ORDER IEFSD060  '                               Y02953 40162002
                PUNCH ' ORDER IEFIB620  '                               Y02953 40168002
                PUNCH ' ORDER IEFIB621  '                               Y02953 40174002
                PUNCH ' ORDER IEFI922B  '                               Y02953 40180002
                PUNCH ' ORDER IEFIB650  '                               Y02953 40186002
                PUNCH ' ORDER IEFSD061  '                               Y02953 40192002
                PUNCH ' ORDER IEFDSTBL  '                               Y02953 40198002
                PUNCH ' ORDER IEFDSLST  '                               Y02953 40204002
                PUNCH ' ORDER IEFICPUA '                                Y02953 40206002
                PUNCH ' ORDER IEFIMASK '                                Y02953 40208002
                PUNCH ' ORDER IEFSD101  '                               Y02953 40210002
                PUNCH ' ORDER IEFSMFIE  '                               Y02953 40216002
                PUNCH ' ORDER IEFUJI  '                                 Y02953 40222002
                PUNCH ' ORDER IEFUSI  '                                 Y02953 40228002
                PUNCH ' ORDER IEFSDPPT  '                               Y02953 40234002
                PUNCH ' ORDER IEFSD102  '                               Y02953 40240002
                PUNCH ' ORDER IEFSD062  '                               Y02953 40246002
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                PUNCH ' ORDER IEFICATL  '                                Y02953 40252002
                PUNCH ' ORDER IEFQB585  '                                Y02953 40258002
                PUNCH ' ORDER IEFXB604  '                                Y02953 40264002
                PUNCH ' ORDER IEFXB500  '                                Y02953 40270002
                PUNCH ' ORDER IEFSD103  '                                Y02953 40276002
                PUNCH ' ORDER IEFSD263  '                                Y02953 40282002
                PUNCH ' ORDER IEFAB820  '                                Y02953 40288002
                PUNCH ' ORDER IEFIB660  '                                Y02953 40290002
                PUNCH ' ORDER IEFUTL  '                                  Y02953 40294002
                PUNCH ' ORDER IEFSD064  '                                Y02953 40300002
                PUNCH ' ORDER IEFSD066  '                                Y02953 40306002
             PUNCH ' ALIAS IEFIIC '                                      Y02953 40312002
             PUNCH ' ENTRY IEFSD060'                                     Y02953 40318002
             PUNCH ' NAME IEFSD060(R)'                                   Y02953 40324002
                  AIF    (&GETB(3)).IOGEN8                             @G3800SJ 40327064
                  PUNCH  ' INCLUDE AOSB3(IEFUJV)'                        Y02953 40330002
             PUNCH ' NAME IEFUJV(R)'                                     Y02953 40336002
          .**************************************************************** 40342002
          .*                                                             Y02953 40348002
          .*                   SWA MANAGER                               Y02953 40354002
          .*                                                             Y02953 40360002
          .**************************************************************** 40366002
                  PUNCH ' INCLUDE AOSB3(IEFQB550,IEFQB555)'              Y02953 40372002
                  PUNCH ' INCLUDE AOSB3(IEFQB580) '                      Y02953 40378002
                  PUNCH ' INCLUDE AOSB3(IEFXB500) '                      Y02953 40384002
                  PUNCH ' ORDER IEFQB550(P) '                            Y02953 40390002
                  PUNCH ' ORDER IEFQB555 '                               Y02953 40396002
                  PUNCH ' ORDER IEFQB580 '                               Y02953 40402002
                  PUNCH ' ORDER IEFXB500 '                               Y02953 40408002
                  PUNCH ' ALIAS IEFQB555,IEFQB580 '                      Y02953 40414002
                  PUNCH ' ALIAS IEFXB500 '                               Y02953 40420002
                  PUNCH ' ENTRY IEFQB550'                                Y02953 40426002
             PUNCH ' NAME IEFQB550(R)'                                   Y02953 40432002
                  PUNCH ' INCLUDE AOSB3(IEFQB585)'                       Y02953 40438002
                  PUNCH ' ALIAS IEFQBVMS,IEFQMLK1'                       Y02953 40444002
                  PUNCH ' ALIAS IEFQMSSS,IEFQMRAW '                      Y02953 40450002
                  PUNCH ' ALIAS IEFQAGST,IEFQASGN '                      Y02953 40456002
                  PUNCH ' ALIAS IEFQDELQ,IEFQDELE '                      Y02953 40462002
                  PUNCH ' ALIAS IEFQASGQ'                                Y02953 40468002
                  PUNCH ' ENTRY IEFQB585'                                Y02953 40474002
             PUNCH ' NAME IEFQB585(R) '                                  Y02953 40480002
          .**************************************************************** 40698102
          .*                                                               40698202
          .*                   INTERPRETER                                 40698302
          .*                                                               40748302
          .**************************************************************** 40758302
                  PUNCH ' INCLUDE AOSB3(IEFVGM1)'                        Y02953 40768302
             PUNCH ' NAME IEFVGM1(R)'                                        40778302
                  PUNCH ' INCLUDE AOSB3(IEFVGM2)'                        Y02953 40788302
             PUNCH ' NAME IEFVGM2(R)'                                        40790302
                  PUNCH ' INCLUDE AOSB3(IEFVGM3)'                        Y02953 40792302
             PUNCH ' NAME IEFVGM3(R)'                                        40794302
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                PUNCH ' INCLUDE AOSB3(IEFVGM4)'                    Y02953 40796302
              PUNCH ' NAME IEFVGM4(R)'                                     40796702
                PUNCH ' INCLUDE AOSB3(IEFVGM5)'                    Y02953 40797102
              PUNCH ' NAME IEFVGM5(R)'                                     40797502
                PUNCH ' INCLUDE AOSB3(IEFVGM6)'                    Y02953 40797902
              PUNCH ' NAME IEFVGM6(R)'                                     40798002
                PUNCH ' INCLUDE AOSB3(IEFVGM7)'                    Y02953 40798102
              PUNCH ' NAME IEFVGM7(R)'                                     40798202
                PUNCH ' INCLUDE AOSB3(IEFVGM8)'                    Y02953 40848202
              PUNCH ' NAME IEFVGM8(R)'                                     40858202
                PUNCH ' INCLUDE AOSB3(IEFVGM9)'                    Y02953 40868202
              PUNCH ' NAME IEFVGM9(R)'                                     40878202
                PUNCH ' INCLUDE AOSB3(IEFVGM10)'                   Y02953 40888202
              PUNCH ' NAME IEFVGM10(R)'                                    40890202
                PUNCH ' INCLUDE AOSB3(IEFVGM11)'                   Y02953 40892202
              PUNCH ' NAME IEFVGM11(R)'                                    40894202
                PUNCH ' INCLUDE AOSB3(IEFVGM12)'                   Y02953 40896202
              PUNCH ' NAME IEFVGM12(R)'                                    40896602
                PUNCH ' INCLUDE AOSB3(IEFVGM13)'                   Y02953 40897002
              PUNCH ' NAME IEFVGM13(R)'                                    40897402
                PUNCH ' INCLUDE AOSB3(IEFVGM14)'                   Y02953 40897802
              PUNCH ' NAME IEFVGM14(R)'                                    40897902
                PUNCH ' INCLUDE AOSB3(IEFVGM15)'                   Y02953 40898002
              PUNCH ' NAME IEFVGM15(R)'                                    40898102
                PUNCH ' INCLUDE AOSB3(IEFVGM16)'                   Y02953 40948102
              PUNCH ' NAME IEFVGM16(R)'                                    40958102
                PUNCH ' INCLUDE AOSB3(IEFVGM17)'                   Y02953 40968102
              PUNCH ' NAME IEFVGM17(R)'                                    40978102
                PUNCH ' INCLUDE AOSB3(IEFVGM18)'                   Y02953 40988102
              PUNCH ' NAME IEFVGM18(R)'                                    40990102
                PUNCH ' INCLUDE AOSB3(IEFVGM19)'                   Y02953 40992102
              PUNCH ' NAME IEFVGM19(R)'                                    40994102
                PUNCH ' INCLUDE AOSB3(IEFVGM67)'                   Y02953 40996102
              PUNCH ' NAME IEFVGM67(R)'                             20002 40996502
                PUNCH ' INCLUDE AOSB3(IEFVGM70)'                   Y02953 40996902
              PUNCH ' NAME IEFVGM70(R)'                                    40997302
                PUNCH ' INCLUDE AOSB3(IEFVGM71) '                  Y02953 40997702
              PUNCH ' NAME IEFVGM71(R) '                            O106 40997802
                PUNCH ' INCLUDE AOSB3(IEFVGM76) '                  Y02953 40997902
              PUNCH ' NAME IEFVGM76(R) '                            20002 40998002
                PUNCH ' INCLUDE AOSB3(IEFVGM78)'                   Y02953 41048002
              PUNCH ' NAME IEFVGM78(R)'                            Y02953 42048002
            .IOGEN8  ANOP                                         @G3800SJ 43048064
                     PUNCH '/*  '                                   Y02953 43098064
            .IOGEN9  ANOP                                         @G3800SJ 43148064
                     SGIKJ441                                       Y02953 43198064
            .END     MEND                                                 43248064
IEB816I MEMBER NAME (SGIEF441) FOUND IN NM DIRECTORY. TTR IS NOW ALTERED.
IEB818I HIGHEST CONDITION CODE WAS 00000000
IEB819I END OF JOB IEBUPDTE.
```

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVHF   IN PTF #DYP003 *****
 NAME     IEFVHF   IEFVHF
*
*
         VER   0000 05B0           BALR R11,0 (BASE=0002)
*
         VER   00DA 5830,C0EC      L    R3,WANELPTR
*
         VER   0260 0000,0000      START OF NEEDED PATCH AREA
         VER   0264 0000,0000      NEEDED PATCH AREA
         VER   0268 0000,0000      NEEDED PATCH AREA
         VER   026C 0000,0000      END OF NEEDED PATCH AREA
*
*
*
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVHF   IN PTF #DYP003 *****
 NAME     IEFVHF   IEFVHF
*
*
*
*
*
         REP   0260 5830,C0EC      L    R3,WANELPTR OVERLAID INSTRUCT
AMA122I OLD DATA WAS 00000000
         REP   0264 58F0,C3A0      L    R15,RFULLE  (ANCHOR WORD)
AMA122I OLD DATA WAS 00000000
         REP   0268 58F0,F058      L    R15,PPVPP3  A(IEFVPP3)
AMA122I OLD DATA WAS 00000000
         REP   026C 07FF           BR   R15  RETURN ON R14
AMA122I OLD DATA WAS 0000
*
         REP   00DA 45E0,B25E      BAL  R14,PATCH
AMA122I OLD DATA WAS 5830C0EC
*
         IDRDATA #DYP003
AMA125I IEFVHF   IDR COUNT = 01 (MAX=19)
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVFA   IN PTF #DYP004 *****
 NAME     IEFVFA   IEFVFA
*
*
         VER   0000 05B0                    BALR RB,0     (BASE=0002)
         VER   003A 58A0,B012               L    RA,VFA02 (BASE=1002)
*
         VER   071C 2000           TXTBFLEN DC   H'8192'
*
         VER   071E 45E0,BB68               BAL  R14,AOTXTLTH
*
         VER   0B6A 5850,C02C      AOTXTLTH L    R5,TEXTBUFP
*
         VER   1DF0 D7E3,C3C8               DC   C'PTCH'
         VER   1E20 0000,0000,0000,0000     START OF NEEDED PATCH AREA
         VER   1E28 0000,0000,0000,0000     NEEDED PATCH AREA
         VER   1E30 0000,0000,0000,0000     NEEDED PATCH AREA
         VER   1E38 0000,0000               END OF NEEDED PATCH AREA
*
         VER   23A0 16E2,E4C2,C1D3,D3D6,C37E,4C  SUBALLOC=
*
*
*
*
*
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVFA   IN PTF #DYP004 *****
 NAME     IEFVFA   IEFVFA
*
*
*
*
*
*
*
*
         REP   23A0 16E2,E8E2,D7D9,D6C3,7E01,40  SYSPROC=
AMA122I OLD DATA WAS 16E2E4C2C1D3D3D6C37E4C
*
         REP   1E20 58F0,C3A0              L    R15,RFULLE (ANCHOR)
AMA122I OLD DATA WAS 00000000
         REP   1E24 58F0,F05C              L    R15,PPVPP4 A(IEFVPP4)
AMA122I OLD DATA WAS 00000000
         REP   1E28 05EF                   BALR R14,R15
AMA122I OLD DATA WAS 0000
         REP   1E2A 45E0,BB68              BAL  R14,AOTXTLTH
AMA122I OLD DATA WAS 00000000
         REP   1E2E 58F0,C3A0              L    R15,RFULLE (ANCHOR)
AMA122I OLD DATA WAS 00000000
         REP   1E32 58F0,F060              L    R15,PPVPP5 A(IEFVPP5)
AMA122I OLD DATA WAS 00000000
         REP   1E36 41E0,B720              LA   R14,RETURN ADDRESS
AMA122I OLD DATA WAS 00000000
         REP   1E3A 07FF                   BR   R15
AMA122I OLD DATA WAS 0000
*
         REP   071E 47F0,AE1E              B    PATCH AREA
AMA122I OLD DATA WAS 45E0BB68
*
         IDRDATA #DYN004
*
AMA125I IEFVFA   IDR COUNT = 01 (MAX=19)
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVHE   IN PTF #DYP005 *****
 NAME     IEFVHE   IEFVHE
*
*
         VER   0000 05B0                   BALR R11,0 (BASE=0002)
*
         VER   0060 5860,C0EC      VHE0010 L R6,WANELPTR
*
         VER   014E D700,C16E,C16E         XC   SWY2(1),SWY2
*
         VER   02A0 0000,0000,0000,0000    START OF NEEDED PATCH AREA
         VER   02A8 0000,0000,0000,0000    END OF NEEDED PATCH AREA
*
*
*
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
AMASPZAP  INSPECTS, MODIFIES, AND DUMPS CSECTS OR SPECIFIC DATA RECORDS ON DIRECT ACCESS STORAGE.
* ***** ZAP FOR MOD IEFVHE   IN PTF #DYP005 *****
 NAME     IEFVHE   IEFVHE
*
*
*
*
*
*
         REP   02A0 9180,7002              TM   STRINDCS,JPROCSTR
AMA122I OLD DATA WAS 00000000
         REP   02A4 4710,B05E              BO   VHE0010
AMA122I OLD DATA WAS 00000000
         REP   02A8 D700,C16E,C16E         XC   SWY2(1),SWY2
AMA122I OLD DATA WAS 000000000000
         REP   02AE 07FF                   BR   R15  RETURN
AMA122I OLD DATA WAS 0000
*
         REP   014E 45F0,B29E,0700         BAL  R15,PATCH; NOPR 0
AMA122I OLD DATA WAS D700C16EC16E
*
         IDRDATA #DYP005
AMA125I IEFVHE   IDR COUNT = 01 (MAX=19)
AMA100I AMASPZAP PROCESSING COMPLETED
```

```
HMA4240    HMASMP EXEC PARM = 'DATE=U'
 ACCEPT  SELECT(#DYP001,#DYP002,#DYP003,#DYP004,#DYP005,UZ45794)
         USERMODS
         DIS(WRITE)
         COMPRESS(ALL)
 .
HMA4140    SMPACDS DIRECTORY SUCCESSFULLY LOADED FOR IN-STORAGE UPDATE OPERATIONS



HMA2240    SUCCESSFULLY DELETED MEMBER IEFVPP FROM THE AOSB3 LIBRARY
HMA3030    COMPRESS SUCCESSFUL - LIBRARY=AOSB3 - RETURN CODE=00
HMA3030    COMPRESS SUCCESSFUL - LIBRARY=AGENLIB - RETURN CODE=00
HMA3030    COMPRESS SUCCESSFUL - LIBRARY=SMPPTS - RETURN CODE=00
HMA2160    UPDATE SUCCESSFUL - MEMBER=SGIEF441 - LIBRARY=AGENLIB - SYSMOD=UZ45794 - RETURN CODE=00
HMA2270    ACCEPT PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD UZ45794
HMA2160    UPDATE SUCCESSFUL - MEMBER=SGIEF441 - LIBRARY=AGENLIB - SYSMOD=#DYP001 - RETURN CODE=00
HMA2270    ACCEPT PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD #DYP001
HMA2391    LINK SUCCESSFUL - MOD=IEFVPP - LMOD=IEFVPP - LIBRARY=AOSB3 - SYSMOD=#DYP002 - RETURN CODE=04
HMA2270    ACCEPT PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD #DYP002
HMA2370    ZAP REPLACE PASS SUCCESSFUL - MOD=IEFVHF - LMOD=IEFVHF - LIBRARY=AOSB3 - SYSMOD=#DYP003 - RETURN CODE=00
HMA2370    ZAP REPLACE PASS SUCCESSFUL - MOD=IEFVFA - LMOD=IEFVFA - LIBRARY=AOSB3 - SYSMOD=#DYP004 - RETURN CODE=00
HMA2270    ACCEPT PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD #DYP003
HMA2270    ACCEPT PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD #DYP004
HMA2370    ZAP REPLACE PASS SUCCESSFUL - MOD=IEFVHE - LMOD=IEFVHE - LIBRARY=AOSB3 - SYSMOD=#DYP005 - RETURN CODE=00
HMA2270    ACCEPT PROCESSING SUCCESSFULLY COMPLETED FOR SYSMOD #DYP005
HMA3680    SMPACDS IN STORAGE DIRECTORY SUCCESSFULLY REWRITTEN
HMA2050    ACCEPT PROCESSING COMPLETED - HIGHEST RETURN CODE IS 04
```

SYSMOD STATUS REPORT FOR ACCEPT 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					
#DYP001	ACCEPTED	USERMOD	FBB1221	PRE	UZ45794				
#DYP002	ACCEPTED	USERMOD	EBB1102	PRE	#DYP001				
#DYP003	ACCEPTED	USERMOD	EBB1102	REQ	#DYP004				
				PRE	#DYP001	#DYP002	UZ51830		
#DYP004	ACCEPTED	USERMOD	EBB1102	REQ	#DYP003				
				PRE	#DYP001	#DYP002	UZ69627		
#DYP005	ACCEPTED	USERMOD	EBB1102	PRE	#DYP001	#DYP002	#DYP003	#DYP004	UZ58715
UZ45794	ACCEPTED	PTF	FBB1221	REQ	UZ90042				

ELEMENT SUMMARY REPORT FOR ACCEPT PROCESSING

ELEM TYPE	ELEMENT NAME	ELEM STATUS	CURRENT FMID	CURRENT RMID	MAC/SRC DISTLIB	DISTSRC LIBRARY	ASSEM NAMES	LOAD MOD	---MOD DISTLIB---	SYSMOD NAME	SYSMOD STATUS
MAC	SGIEF441	ACCEPTED	FBB1221	UZ45794	AGENLIB					UZ45794	ACCEPTED
MUPD		ACCEPTED								#DYP001	ACCEPTED
S/ZAP	IEFVFA	ACCEPTED	EBB1102						AOSB3	#DYP004	ACCEPTED
S/ZAP	IEFVHE	ACCEPTED	EBB1102						AOSB3	#DYP005	ACCEPTED
S/ZAP	IEFVHF	ACCEPTED	EBB1102						AOSB3	#DYP003	ACCEPTED
MOD	IEFVPP	ACCEPTED	EBB1102	#DYP002					AOSB3	#DYP002	ACCEPTED

HMA2050   HMASMP PROCESSING COMPLETED - HIGHEST RETURN CODE IS 04