

J E S 2 J O B L O G

10.08.19 JOB 1250 \$HASP373 READ01NC STARTED - INIT 1 - CLASS A - SYS HMVS
10.08.19 JOB 1250 IEF403I READ01NC - STARTED - TIME=10.08.19
10.08.19 JOB 1250 IEFACRT C0B /IKFCBL00/00:00:00.05/00:00:00.08/00004/READ01NC
10.08.19 JOB 1250 IEFACRT LKED /IEWL /00:00:00.02/00:00:00.05/00000/READ01NC
10.08.19 JOB 1250 IEF404I READ01NC - ENDED - TIME=10.08.19
10.08.19 JOB 1250 \$HASP395 READ01NC ENDED

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

26 JUL 25 JOB EXECUTION DATE

10 CARDS READ

687 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1 10.08.19 JUL 26,2025

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00001 IDENTIFICATION DIVISION.
00002 PROGRAM-ID. READ01N.
00003 DATE-WRITTEN. JULY, 2025.
00004 DATE-COMPILED. JUL 26,2025.
00005 REMARKS. READ VSAM KSDS CLUSTER VIA PRIMARY AND ALTERNATE KEY,
00006 PRODUCE REPORT BASED UPON EXEC TIME PARAMETER.
00007
00008 ENVIRONMENT DIVISION.
00009 INPUT-OUTPUT SECTION.
00010 FILE-CONTROL.
00011
00012 SELECT STUDENT-MASTER-FILE
00013 ASSIGN TO STMASTI
00014 ORGANIZATION IS INDEXED
00015 ACCESS IS SEQUENTIAL
00016 RECORD KEY IS SMR-STUDENT-NUMBER
00017 ALTERNATE RECORD KEY IS SMR-SORT-NAME WITH DUPLICATES
00018 FILE STATUS IS STMASTI-STATUS.
00019
00020 SELECT REPORT-FILE
00021 ASSIGN TO S-REPORT.
00022
00023 DATA DIVISION.
00024 FILE SECTION.
00025
00026 FD STUDENT-MASTER-FILE
00027 RECORD CONTAINS 150 CHARACTERS
00028 DATA RECORD IS STUDENT-MASTER-RECORD.
00029
00030 01 STUDENT-MASTER-RECORD.
00031 02 SMR-STUDENT-NUMBER PIC X(09).
00032 02 FILLER PIC X(109).
00033 02 SMR-SORT-NAME PIC X(30).
00034 02 FILLER PIC X(02).
00035
00036 FD REPORT-FILE
00037 LABEL RECORDS STANDARD
00038 REPORTS ARE NUMBER-REPORT, NAME-REPORT.
00039
00040 WORKING-STORAGE SECTION.
00041
00042 01 STUDENT-MASTER-EOF-SW PIC X VALUE 'N'.
00043 88 STUDENT-MASTER-EOF VALUE 'Y'.
00044 88 STUDENT-MASTER-NOT-EOF VALUE 'N'.
00045
00046 01 STMASTI-STATUS PIC X(02).
00047
00048 01 Y2K-GETD-PARAMETERS.
00049 02 Y2K-GETDP-DATE-G PIC 9(8).
00050 02 Y2K-GETDP-DATE-J PIC 9(7).
00051 02 Y2K-GETDP-ANUM PIC S9(7).
00052 02 Y2K-GETDP-CLOCK PIC 9(8).
00053 02 Y2K-GETDP-CLOCK12 PIC X(11).
00054
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00055      01  Y2K-DFMT-PARAMETERS.
00056          02  Y2K-DFMTP-DATEIN          PIC X(8).
00057          02  Y2K-DFMTP-MAJOR           PIC X(1).
00058          02  Y2K-DFMTP-MINOR          PIC X(1).
00059          02  Y2K-DFMTP-RETURN-CODE    PIC 9(1).
00060          02  Y2K-DFMTP-OUTPUT-SIZE     PIC S9(2).
00061          02  Y2K-DFMTP-OUTPUT         PIC X(29).
00062
00063      01  INPUT-COUNT                     PIC 9(5) VALUE 0.
00064
00065      COPY 'STMASTER'.
00066 C      * -----*
00067 C      * STUDENT INFORMATION MASTER RECORD.
00068 C      * -----*
00069 C      01  SI-MASTER-RECORD.
00070 C          02  SI-STUDENT-NUMBER        PIC 9(09).
00071 C          02  SI-FIRST-NAME            PIC X(11).
00072 C          02  SI-MINITIAL              PIC X(01).
00073 C          02  SI-LAST-NAME             PIC X(10).
00074 C          02  SI-STREET                 PIC X(35).
00075 C          02  SI-CITY                   PIC X(20).
00076 C          02  SI-STATE                  PIC X(02).
00077 C          02  SI-ZIPCODE                PIC X(05).
00078 C          02  SI-BIRTH-DATE            PIC X(08).
00079 C          02  SI-ENROLL-DATE           PIC X(08).
00080 C          02  SI-CONTACT-DATE           PIC X(08).
00081 C          02  SI-GENDER                 PIC X(01).
00082 C          02  SI-SORT-NAME              PIC X(30).
00083 C          02  FILLER                   PIC X(02).
00084
00085      LINKAGE SECTION.
00086
00087      01  EXEC-PARM-BUFFER.
00088          02  EXEC-PARM-LENGTH            PIC S9(04) COMP.
00089          02  EXEC-PARM-DATA              PIC X(06).
00090          88  REQUESTED-NUMBER           VALUE 'NUMBER'.
00091          02  FILLER                     REDEFINES EXEC-PARM-DATA.
00092          03  EXEC-PARM-DATA-4           PIC X(04).
00093          88  REQUESTED-NAME             VALUE 'NAME'.
00094          03  FILLER                     PIC X(02).
00095
00096      REPORT SECTION.
00097      RD  NUMBER-REPORT
00098          CONTROL IS FINAL
00099          PAGE LIMIT IS 66 LINES
00100          HEADING 2
00101          FIRST DETAIL 5
00102          LAST DETAIL 60.
00103
00104      01  NUMBER-PAGE-HEAD TYPE PAGE HEADING.
00105          02  LINE 2.
00106              03  COLUMN 01  PIC X(10) SOURCE Y2K-DFMTP-OUTPUT.
00107              03  COLUMN 15  PIC X(03) VALUE '(N)'.
00108              03  COLUMN 22  PIC X(07) VALUE 'Student'.
00109              03  COLUMN 32  PIC X(06) VALUE 'Master'.
00110              03  COLUMN 41  PIC X(04) VALUE 'List'.
00111              03  COLUMN 48  PIC X(02) VALUE 'By'.
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00112		03	COLUMN 53	PIC X(06) VALUE 'Number'.
00113		03	COLUMN 71	PIC X(04) VALUE 'Page'.
00114		03	COLUMN 76	PIC Z,ZZ9 SOURCE PAGE-COUNTER
00115				OF NUMBER-REPORT.
00116		02	LINE 3.	
00117		03	COLUMN 01	PIC X(11) SOURCE Y2K-GETDP-CLOCK12.
00118				
00119	01		NUMBER-DETAIL TYPE	DETAIL.
00120		02	LINE PLUS 1.	
00121		03	COLUMN 15	PIC 9(09) SOURCE SI-STUDENT-NUMBER.
00122		03	COLUMN 26	PIC X(11) SOURCE SI-FIRST-NAME.
00123		03	COLUMN 39	PIC X(01) SOURCE SI-MINITIAL.
00124		03	COLUMN 41	PIC X(10) SOURCE SI-LAST-NAME.
00125				
00126		02	LINE PLUS 1.	
00127				
00128	01		NUMBER-SUMMARY TYPE	CONTROL FOOTING FINAL.
00129		02	LINE PLUS 2.	
00130		03	COLUMN 20	PIC X(03) VALUE '***'.
00131		03	COLUMN 24	PIC ZZ,ZZ9 SOURCE INPUT-COUNT.
00132		03	COLUMN 31	PIC X(15) VALUE 'Students ***'.
00133				
00134	RD		NAME-REPORT	
00135			CONTROL IS FINAL	
00136			PAGE LIMIT IS 66 LINES	
00137			HEADING 2	
00138			FIRST DETAIL 5	
00139			LAST DETAIL 60.	
00140				
00141	01		NAME-PAGE-HEAD TYPE	PAGE HEADING.
00142		02	LINE 2.	
00143		03	COLUMN 01	PIC X(10) SOURCE Y2K-DFMTP-OUTPUT.
00144		03	COLUMN 15	PIC X(03) VALUE '(N)'.
00145		03	COLUMN 24	PIC X(07) VALUE 'Student'.
00146		03	COLUMN 34	PIC X(06) VALUE 'Master'.
00147		03	COLUMN 43	PIC X(04) VALUE 'List'.
00148		03	COLUMN 50	PIC X(02) VALUE 'By'.
00149		03	COLUMN 55	PIC X(04) VALUE 'Name'.
00150		03	COLUMN 71	PIC X(04) VALUE 'Page'.
00151		03	COLUMN 76	PIC Z,ZZ9 SOURCE PAGE-COUNTER
00152				OF NAME-REPORT.
00153		02	LINE 3.	
00154		03	COLUMN 01	PIC X(11) SOURCE Y2K-GETDP-CLOCK12.
00155				
00156	01		NAME-DETAIL TYPE	DETAIL.
00157		02	LINE PLUS 1.	
00158		03	COLUMN 15	PIC X(10) SOURCE SI-LAST-NAME.
00159		03	COLUMN 26	PIC X(11) SOURCE SI-FIRST-NAME.
00160		03	COLUMN 38	PIC X(01) SOURCE SI-MINITIAL.
00161		03	COLUMN 42	PIC 9(09) SOURCE SI-STUDENT-NUMBER.
00162				
00163		02	LINE PLUS 1.	
00164				
00165	01		NAME-SUMMARY TYPE	CONTROL FOOTING FINAL.
00166		02	LINE PLUS 2.	
00167		03	COLUMN 20	PIC X(03) VALUE '***'.
00168		03	COLUMN 24	PIC ZZ,ZZ9 SOURCE INPUT-COUNT.

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00169          03  COLUMN 31  PIC X(15)  VALUE 'Students ***'.
00170
00171  PROCEDURE DIVISION USING EXEC-PARM-BUFFER.
00172
00173  0000-MAIN SECTION.
00174
00175  0000-INITIALIZATION.
00176
00177      CALL 'Y2KGETD' USING Y2K-GETD-PARAMETERS.
00178      MOVE Y2K-GETDP-DATE-G TO Y2K-DFMTP-DATEIN.
00179      MOVE '1' TO Y2K-DFMTP-MAJOR.
00180      MOVE '3' TO Y2K-DFMTP-MINOR.
00181      CALL 'Y2KDFMT' USING Y2K-DFMT-PARAMETERS.
00182
00183      IF EXEC-PARM-LENGTH = 4
00184      OR EXEC-PARM-LENGTH = 6
00185          IF REQUESTED-NUMBER
00186          OR REQUESTED-NAME
00187              PERFORM 1100-PRODUCE-REPORT
00188      ELSE
00189          DISPLAY '*** EXEC PARM LENGTH=' EXEC-PARM-LENGTH
00190                  ' ***'
00191          DISPLAY '*** EXEC PARM=' EXEC-PARM-DATA '= ***'
00192          MOVE +12 TO RETURN-CODE
00193      ELSE
00194          DISPLAY '*** EXEC PARM LENGTH=' EXEC-PARM-LENGTH ' ***'
00195          DISPLAY '*** EXEC PARM=' EXEC-PARM-DATA '= ***'
00196          UPON SYSOUT
00197          MOVE +12 TO RETURN-CODE.
00198
00199  GOBACK.
00200
00201  1000-LEVEL-1-ROUTINES SECTION.
00202
00203  1100-PRODUCE-REPORT.
00204
00205      OPEN INPUT  STUDENT-MASTER-FILE
00206              OUTPUT REPORT-FILE.
00207      IF REQUESTED-NUMBER
00208          INITIATE NUMBER-REPORT
00209          MOVE LOW-VALUES TO SMR-STUDENT-NUMBER
00210          START STUDENT-MASTER-FILE
00211              KEY IS NOT LESS THAN SMR-STUDENT-NUMBER
00212      ELSE
00213          INITIATE NAME-REPORT
00214          MOVE LOW-VALUES TO SMR-STUDENT-NUMBER
00215          START STUDENT-MASTER-FILE
00216              KEY IS NOT LESS THAN SMR-SORT-NAME.
00217
00218      PERFORM 2100-READ-STUDENT-MASTER
00219              UNTIL STUDENT-MASTER-EOF.
00220
00221      IF REQUESTED-NUMBER
00222          TERMINATE NUMBER-REPORT
00223      ELSE
00224          TERMINATE NAME-REPORT.
00225      CLOSE STUDENT-MASTER-FILE,
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00226	REPORT-FILE.
00227	
00228	2000-LEVEL-2-ROUTINES SECTION.
00229	
00230	2100-READ-STUDENT-MASTER.
00231	
00232	READ STUDENT-MASTER-FILE NEXT RECORD
00233	INTO SI-MASTER-RECORD
00234	AT END MOVE 'Y' TO STUDENT-MASTER-EOF-SW.
00235	
00236	IF STUDENT-MASTER-NOT-EOF
00237	ADD 1 TO INPUT-COUNT
00238	IF REQUESTED-NUMBER
00239	GENERATE NUMBER-DETAIL
00240	ELSE
00241	GENERATE NAME-DETAIL.
00242	

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=1-205	FD	STUDENT-MASTER-FILE	FIB=01		DNM=1-205		VSAM				
DNM=1-237	01	STUDENT-MASTER-RECORD	BL=1	000	DNM=1-237	DS 0CL150	GROUP				
DNM=1-271	02	SMR-STUDENT-NUMBER	BL=1	000	DNM=1-271	DS 9C	DISP				
DNM=1-299	02	FILLER	BL=1	009	DNM=1-299	DS 109C	DISP				
DNM=1-310	02	SMR-SORT-NAME	BL=1	076	DNM=1-310	DS 30C	DISP				
DNM=1-333	02	FILLER	BL=1	094	DNM=1-333	DS 2C	DISP				
DNM=1-347	FD	REPORT-FILE	DCB=01		DNM=1-347		QSAM				F
DNM=1-372	01	-0001	BL=2	000	DNM=1-372	DS 133C	DISP				
DNM=1-390	01	STUDENT-MASTER-EOF-SW	BL=3	000	DNM=1-390	DS 1C	DISP				
DNM=1-424	88	STUDENT-MASTER-EOF			DNM=1-424						
DNM=1-453	88	STUDENT-MASTER-NOT-EOF			DNM=1-453						
DNM=1-486	01	STMASTI-STATUS	BL=3	008	DNM=1-486	DS 2C	DISP				
DNM=2-000	01	Y2K-GETD-PARAMETERS	BL=3	010	DNM=2-000	DS 0CL41	GROUP				
DNM=2-032	02	Y2K-GETDP-DATE-G	BL=3	010	DNM=2-032	DS 8C	DISP-NM				
DNM=2-058	02	Y2K-GETDP-DATE-J	BL=3	018	DNM=2-058	DS 7C	DISP-NM				
DNM=2-084	02	Y2K-GETDP-ANUM	BL=3	01F	DNM=2-084	DS 7C	DISP-NM				
DNM=2-108	02	Y2K-GETDP-CLOCK	BL=3	026	DNM=2-108	DS 8C	DISP-NM				
DNM=2-133	02	Y2K-GETDP-CLOCK12	BL=3	02E	DNM=2-133	DS 11C	DISP				
DNM=2-160	01	Y2K-DFMT-PARAMETERS	BL=3	040	DNM=2-160	DS 0CL42	GROUP				
DNM=2-192	02	Y2K-DFMTP-DATEIN	BL=3	040	DNM=2-192	DS 8C	DISP				
DNM=2-221	02	Y2K-DFMTP-MAJOR	BL=3	048	DNM=2-221	DS 1C	DISP				
DNM=2-246	02	Y2K-DFMTP-MINOR	BL=3	049	DNM=2-246	DS 1C	DISP				
DNM=2-271	02	Y2K-DFMTP-RETURN-CODE	BL=3	04A	DNM=2-271	DS 1C	DISP-NM				
DNM=2-302	02	Y2K-DFMTP-OUTPUT-SIZE	BL=3	04B	DNM=2-302	DS 2C	DISP-NM				
DNM=2-333	02	Y2K-DFMTP-OUTPUT	BL=3	04D	DNM=2-333	DS 29C	DISP				
DNM=2-359	01	INPUT-COUNT	BL=3	070	DNM=2-359	DS 5C	DISP-NM				
DNM=2-380	01	SI-MASTER-RECORD	BL=3	078	DNM=2-380	DS 0CL150	GROUP				
DNM=2-412	02	SI-STUDENT-NUMBER	BL=3	078	DNM=2-412	DS 9C	DISP-NM				
DNM=2-439	02	SI-FIRST-NAME	BL=3	081	DNM=2-439	DS 11C	DISP				
DNM=2-462	02	SI-MINITIAL	BL=3	08C	DNM=2-462	DS 1C	DISP				
DNM=2-486	02	SI-LAST-NAME	BL=3	08D	DNM=2-486	DS 10C	DISP				
DNM=3-000	02	SI-STREET	BL=3	097	DNM=3-000	DS 35C	DISP				
DNM=3-019	02	SI-CITY	BL=3	0BA	DNM=3-019	DS 20C	DISP				
DNM=3-036	02	SI-STATE	BL=3	0CE	DNM=3-036	DS 2C	DISP				
DNM=3-054	02	SI-ZIPCODE	BL=3	0D0	DNM=3-054	DS 5C	DISP				
DNM=3-074	02	SI-BIRTH-DATE	BL=3	0D5	DNM=3-074	DS 8C	DISP				
DNM=3-097	02	SI-ENROLL-DATE	BL=3	0DD	DNM=3-097	DS 8C	DISP				
DNM=3-121	02	SI-CONTACT-DATE	BL=3	0E5	DNM=3-121	DS 8C	DISP				
DNM=3-146	02	SI-GENDER	BL=3	0ED	DNM=3-146	DS 1C	DISP				
DNM=3-165	02	SI-SORT-NAME	BL=3	0EE	DNM=3-165	DS 30C	DISP				
DNM=3-190	02	FILLER	BL=3	10C	DNM=3-190	DS 2C	DISP				
DNM=3-204	01	EXEC-PARM-BUFFER	BLL=3	000	DNM=3-204	DS 0CL8	GROUP				
DNM=3-236	02	EXEC-PARM-LENGTH	BLL=3	000	DNM=3-236	DS 2C	COMP				
DNM=3-262	02	EXEC-PARM-DATA	BLL=3	002	DNM=3-262	DS 6C	DISP				
DNM=3-289	88	REQUESTED-NUMBER			DNM=3-289						
DNM=3-321	02	FILLER	BLL=3	002	DNM=3-321	DS 0CL6	GROUP	R			
DNM=3-338	03	EXEC-PARM-DATA-4	BLL=3	002	DNM=3-338	DS 4C	DISP				
DNM=3-367	88	REQUESTED-NAME			DNM=3-367						
DNM=3-395	03	FILLER	BLL=3	006	DNM=3-395	DS 2C	DISP				
DNM=3-409	01	PRINT-SWITCH	BL=3	110	DNM=3-409	DS 1C	DISP-NM				
DNM=3-431	RD	NUMBER-REPORT			DNM=3-431						
DNM=3-456	01	CTL.LVL	BL=3	118	DNM=3-456	DS 2P	COMP-3				
DNM=3-473	01	TER.COD	BL=3	120	DNM=3-473	DS 1C	DISP				
DNM=3-490	01	FRS.GEN	BL=3	128	DNM=3-490	DS 1C	DISP				
DNM=4-000	01	LIN.SAV	BL=3	130	DNM=4-000	DS 2C	COMP				

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DNM=4-017	01	FRS.GRP	BL=3	138	DNM=4-017	DS 1C	DISP	
DNM=4-034	01	ABS.LIN	BL=3	140	DNM=4-034	DS 2C	COMP	
DNM=4-051	01	LIN.NUM	BL=3	148	DNM=4-051	DS 2P	COMP-3	
DNM=4-068	01	NGP.SAV	BL=3	150	DNM=4-068	DS 3P	COMP-3	
DNM=4-085	01	LINE-COUNTER	BL=3	158	DNM=4-085	DS 3P	COMP-3	
DNM=4-110	01	PAGE-COUNTER	BL=3	160	DNM=4-110	DS 3P	COMP-3	
DNM=4-132	01	RPT.RCD	BL=3	168	DNM=4-132	DS 0CL133	GROUP	
DNM=4-152	02	CTL.CHR	BL=3	168	DNM=4-152	DS 1C	DISP	
DNM=4-169	02	RPT.LIN	BL=3	169	DNM=4-169	DS 132C	DISP	
DNM=4-189	02	E.0001	BL=3	169	DNM=4-189	DS 10C	DISP	R
DNM=4-205	02	E.0002	BL=3	177	DNM=4-205	DS 3C	DISP	R
DNM=4-221	02	E.0003	BL=3	17E	DNM=4-221	DS 7C	DISP	R
DNM=4-237	02	E.0004	BL=3	188	DNM=4-237	DS 6C	DISP	R
DNM=4-253	02	E.0005	BL=3	191	DNM=4-253	DS 4C	DISP	R
DNM=4-269	02	E.0006	BL=3	198	DNM=4-269	DS 2C	DISP	R
DNM=4-285	02	E.0007	BL=3	19D	DNM=4-285	DS 6C	DISP	R
DNM=4-301	02	E.0008	BL=3	1AF	DNM=4-301	DS 4C	DISP	R
DNM=4-317	02	E.0009	BL=3	1B4	DNM=4-317	DS 5C	NM-EDIT	R
DNM=4-344	02	E.0010	BL=3	169	DNM=4-344	DS 11C	DISP	R
DNM=4-363	02	E.0011	BL=3	177	DNM=4-363	DS 9C	DISP-NM	R
DNM=4-379	02	E.0012	BL=3	182	DNM=4-379	DS 11C	DISP	R
DNM=4-395	02	E.0013	BL=3	18F	DNM=4-395	DS 1C	DISP	R
DNM=4-411	02	E.0014	BL=3	191	DNM=4-411	DS 10C	DISP	R
DNM=4-427	02	E.0015	BL=3	17C	DNM=4-427	DS 3C	DISP	R
DNM=4-443	02	E.0016	BL=3	180	DNM=4-443	DS 6C	NM-EDIT	R
DNM=4-470	02	E.0017	BL=3	187	DNM=4-470	DS 15C	DISP	R
DNM=4-489	01	N.0001	BL=3	1F0	DNM=4-489	DS 2C	COMP	
DNM=5-000	01	N.0002	BL=3	1F8	DNM=5-000	DS 2C	COMP	
DNM=5-016	01	GRP.IND	BL=3	200	DNM=5-016	DS 0CL1	GROUP	
DNM=5-036	02	GP.0000	BL=3	200	DNM=5-036	DS 1C	DISP	
DNM=5-053	RD	NAME-REPORT			DNM=5-053			
DNM=5-076	01	CTL.LVL	BL=3	208	DNM=5-076	DS 2P	COMP-3	
DNM=5-096	01	TER.COD	BL=3	210	DNM=5-096	DS 1C	DISP	
DNM=5-116	01	FRS.GEN	BL=3	218	DNM=5-116	DS 1C	DISP	
DNM=5-136	01	LIN.SAV	BL=3	220	DNM=5-136	DS 2C	COMP	
DNM=5-156	01	FRS.GRP	BL=3	228	DNM=5-156	DS 1C	DISP	
DNM=5-176	01	ABS.LIN	BL=3	230	DNM=5-176	DS 2C	COMP	
DNM=5-196	01	LIN.NUM	BL=3	238	DNM=5-196	DS 2P	COMP-3	
DNM=5-216	01	NGP.SAV	BL=3	240	DNM=5-216	DS 3P	COMP-3	
DNM=5-236	01	LINE-COUNTER	BL=3	248	DNM=5-236	DS 3P	COMP-3	
DNM=5-261	01	PAGE-COUNTER	BL=3	250	DNM=5-261	DS 3P	COMP-3	
DNM=5-286	01	RPT.RCD	BL=3	258	DNM=5-286	DS 0CL133	GROUP	
DNM=5-309	02	CTL.CHR	BL=3	258	DNM=5-309	DS 1C	DISP	
DNM=5-329	02	RPT.LIN	BL=3	259	DNM=5-329	DS 132C	DISP	
DNM=5-349	02	E.0018	BL=3	259	DNM=5-349	DS 10C	DISP	R
DNM=5-365	02	E.0019	BL=3	267	DNM=5-365	DS 3C	DISP	R
DNM=5-381	02	E.0020	BL=3	270	DNM=5-381	DS 7C	DISP	R
DNM=5-397	02	E.0021	BL=3	27A	DNM=5-397	DS 6C	DISP	R
DNM=5-413	02	E.0022	BL=3	283	DNM=5-413	DS 4C	DISP	R
DNM=5-429	02	E.0023	BL=3	28A	DNM=5-429	DS 2C	DISP	R
DNM=5-445	02	E.0024	BL=3	28F	DNM=5-445	DS 4C	DISP	R
DNM=5-461	02	E.0025	BL=3	29F	DNM=5-461	DS 4C	DISP	R
DNM=5-477	02	E.0026	BL=3	2A4	DNM=5-477	DS 5C	NM-EDIT	R
DNM=6-000	02	E.0027	BL=3	259	DNM=6-000	DS 11C	DISP	R
DNM=6-016	02	E.0028	BL=3	267	DNM=6-016	DS 10C	DISP	R
DNM=6-032	02	E.0029	BL=3	272	DNM=6-032	DS 11C	DISP	R
DNM=6-051	02	E.0030	BL=3	27E	DNM=6-051	DS 1C	DISP	R

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DNM=6-067	02	E.0031	BL=3	282	DNM=6-067	DS 9C	DISP-NM	R
DNM=6-083	02	E.0032	BL=3	26C	DNM=6-083	DS 3C	DISP	R
DNM=6-099	02	E.0033	BL=3	270	DNM=6-099	DS 6C	NM-EDIT	R
DNM=6-129	02	E.0034	BL=3	277	DNM=6-129	DS 15C	DISP	R
DNM=6-145	01	N.0003	BL=3	2E0	DNM=6-145	DS 2C	COMP	
DNM=6-164	01	N.0004	BL=3	2E8	DNM=6-164	DS 2C	COMP	
DNM=6-180	01	GRP.IND	BL=3	2F0	DNM=6-180	DS 0CL1	GROUP	
DNM=6-203	02	GP.0000	BL=3	2F0	DNM=6-203	DS 1C	DISP	

MEMORY MAP

TGT 00648

SAVE AREA 00648

SWITCH 00690

TALLY 00694

SORT SAVE 00698

ENTRY-SAVE 0069C

SORT CORE SIZE 006A0

RET CODE 006A4

SORT RET 006A6

WORKING CELLS 006A8

SORT FILE SIZE 007D8

SORT MODE SIZE 007DC

PGT-VN TBL 007E0

TGT-VN TBL 007E4

RESERVED 007E8

LENGTH OF VN TBL 007EC

LABEL RET 007EE

RESERVED 007EF

DBG R14SAVE 007F0

COBOL INDICATOR 007F4

A(INIT1) 007F8

DEBUG TABLE PTR 007FC

SUBCOM PTR 00800

SORT-MESSAGE 00804

SYSOUT DDNAME 0080C

RESERVED 0080D

COBOL ID 0080E

COMPILED POINTER 00810

COUNT TABLE ADDRESS 00814

RESERVED 00818

DBG R11SAVE 00820

COUNT CHAIN ADDRESS 00824

PRBL1 CELL PTR 00828

RESERVED 0082C

TA LENGTH 00831

RESERVED 00834

PCS LIT PTR 0083C

DEBUGGING 00840

CD FOR INITIAL INPUT 00844

OVERFLOW CELLS 00848

BL CELLS 00848

DECBADR CELLS 00854

FIB CELLS 00854

TEMP STORAGE 00858

TEMP STORAGE-2 00860

TEMP STORAGE-3 00868

TEMP STORAGE-4 00868

BLL CELLS 00868

VLC CELLS 00874

SBL CELLS 00874

INDEX CELLS 00874

SUBADR CELLS 00874

ONCTL CELLS 00874

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CARD	ERROR MESSAGE
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114	IKF5011I-W	AN INTERMEDIATE RESULT OR A SENDING FIELD MIGHT HAVE ITS HIGH ORDER DIGIT POSITION TRUNCATED.
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151	IKF5011I-W	AN INTERMEDIATE RESULT OR A SENDING FIELD MIGHT HAVE ITS HIGH ORDER DIGIT POSITION TRUNCATED.
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```
F64-LEVEL LINKAGE EDITOR OPTIONS SPECIFIED LIST,MAP
      DEFAULT OPTION(S) USED -  SIZE=(231424,55296)
IEW0000      NAME READ01N(R)
```

MODULE MAP

CONTROL SECTION			ENTRY							
NAME	ORIGIN	LENGTH	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
READ01N	00	1ABE								
ILBODSP	*	1AC0								
ILBOEXT	*	24F8	ILBODSP0	1AC2	ILBODSS0	1AC2				
ILBOQIO	*	2560	ILBOEXT0	24FA	ILBOEXT1	24FE				
ILBOSPA	*	2D58	ILBOQIO0	2562	ILBOQIO1	2566				
ILBOSRV	*	35E0	ILBOSPA0	2D5A	ILBOSPA1	2D5E	ILBOSPA2	2D62		
			ILBOSRV0	35EA	ILBOSR5	35EA	ILBOSR3	35EA	ILBOSR	35EA
			ILBOSRV1	35EE	ILBOSTP1	35EE	ILBOST	35F2	ILBOSTP0	35F2
Y2KDFMT	*	3AB8								
Y2KDOWN	*	40C8								
Y2KGT0A	*	41C8								
Y2KGETD	*	44A8								
Y2KGT0J	*	46B0								
Y2KJT0G	*	47E8								
Y2KAT0G	*	49B8								
ILBOBEG	*	4C38								
ILBOCMM	*	4E18	ILBOBEG0	4C3A						
ILBOCOM0	*	5348	ILBOCMM0	4E1A	ILBOCMM1	4E1E				
ILBOCVB	*	54C0	ILBOCOM	5348						
ILBOINT	*	58E8	ILBOCVB0	54C2	ILBOCVB1	54C6				
ILBOMSG	*	5A10	ILBOINT0	58EA						
ILBOVIO	*	5B10	ILBOMSG0	5A12						
ILBOVOC	*	7A38	ILBOVIO0	5B12						
ILBOCHN	*	9DD0	ILBOVOC0	7A3A	ILBOVOC1	7A3E				
ILBOCKP	*	9FB0	ILBOCHN0	9DD2						
			ILBOCKP0	9FB2	ILBOCKP1	9FB6				
ENTRY ADDRESS			00							

TOTAL LENGTH	A030
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****READ01N DOES NOT EXIST BUT HAS BEEN ADDED TO DATA SET
AUTHORIZATION CODE IS 0.