

J E S 2 J O B L O G

13.39.15 JOB 130 \$HASP373 READ04NC STARTED - INIT 1 - CLASS A - SYS HMVS
13.39.15 JOB 130 IEF403I READ04NC - STARTED - TIME=13.39.15
13.39.15 JOB 130 IEFACTRT COB /IKFCBL00/00:00:00.05/00:00:00.08/00004/READ04NC
13.39.15 JOB 130 IEFACTRT LKED /IEWL /00:00:00.02/00:00:00.05/00000/READ04NC
13.39.15 JOB 130 IEF404I READ04NC - ENDED - TIME=13.39.15
13.39.15 JOB 130 \$HASP395 READ04NC ENDED

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

03 AUG 25 JOB EXECUTION DATE

10 CARDS READ

663 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1 13.39.15 AUG 3,2025

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00001 IDENTIFICATION DIVISION.
00002 PROGRAM-ID. READ04N.
00003 DATE-WRITTEN. AUGUST, 2025.
00004 DATE-COMPILED. AUG 3,2025.
00005 REMARKS. READ SALES HISTORY VIA AIX2 (DATE/TYPE),
00006 PRODUCE SALES HISTORY REPORT SUMMARIZED BY
00007 YEAR/MONTH, AND TYPE.
00008
00009 ENVIRONMENT DIVISION.
00010 INPUT-OUTPUT SECTION.
00011 FILE-CONTROL.
00012
00013 SELECT SALES-HISTORY-FILE
00014 ASSIGN TO SALESI
00015 ORGANIZATION IS INDEXED
00016 ACCESS IS SEQUENTIAL
00017 RECORD KEY IS SHR-ALTSEQ-FIELD-2
00018 FILE STATUS IS SALESI-STATUS.
00019
00020 SELECT REPORT-FILE
00021 ASSIGN TO S-REPORT.
00022
00023 DATA DIVISION.
00024 FILE SECTION.
00025
00026 FD SALES-HISTORY-FILE
00027 LABEL RECORDS STANDARD
00028 RECORD CONTAINS 118 CHARACTERS
00029 DATA RECORD IS SALES-HISTORY-RECORD.
00030
00031 01 SALES-HISTORY-RECORD.
00032 02 SHR-DATE PIC 9(08).
00033 02 FILLER REDEFINES SHR-DATE.
00034 03 SHR-YEAR-MONTH PIC 9(06).
00035 03 FILLER REDEFINES SHR-YEAR-MONTH.
00036 04 SHR-YEAR PIC 9(04).
00037 04 SHR-MONTH PIC 9(02).
00038 03 FILLER PIC 9(02).
00039 02 SHR-TYPE PIC 9(03).
00040 02 SHR-DESCRIPTION PIC X(40).
00041 02 SHR-GROSS PIC S9(5)V99 COMP-3.
00042 02 SHR-DISCOUNT PIC V99.
00043 02 SHR-NET PIC S9(5)V99 COMP-3.
00044 02 SHR-ALTSEQ-FIELD-1.
00045 03 SHR-A1-CUSTOMER PIC X(35).
00046 03 SHR-A1-TYPE PIC 9(03).
00047 03 SHR-A1-RRN PIC S9(8) COMP.
00048 02 SHR-ALTSEQ-FIELD-2.
00049 03 SHR-A2-DATE PIC 9(08).
00050 03 SHR-A2-TYPE PIC 9(03).
00051 03 SHR-A2-RRN PIC S9(8) COMP.
00052
00053 FD REPORT-FILE
00054 LABEL RECORDS STANDARD
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00055 REPORT IS TYPE-SALES-REPORT.

00056

00057 WORKING-STORAGE SECTION.

00058

00059 01 SALES-HISTORY-EOF-SW PIC X VALUE 'N'.

00060 88 SALES-HISTORY-NOT-EOF VALUE 'N'.

00061 88 SALES-HISTORY-EOF VALUE 'Y'.

00062

00063 01 SALESI-STATUS PIC X(02).

00064

00065 01 Y2K-GETD-PARAMETERS.

00066 02 Y2K-GETDP-DATE-G PIC 9(8).

00067 02 Y2K-GETDP-DATE-J PIC 9(7).

00068 02 Y2K-GETDP-ANUM PIC S9(7).

00069 02 Y2K-GETDP-CLOCK PIC 9(8).

00070 02 FILLER REDEFINES Y2K-GETDP-CLOCK.

00071 03 Y2K-GETDP-CLOCK-HH PIC 9(2).

00072 03 Y2K-GETDP-CLOCK-MM PIC 9(2).

00073 03 Y2K-GETDP-CLOCK-SS PIC 9(2).

00074 03 Y2K-GETDP-CLOCK-T PIC 9(1).

00075 03 Y2K-GETDP-CLOCK-H PIC 9(1).

00076 02 Y2K-GETDP-CLOCK12 PIC X(11).

00077

00078 01 Y2K-DFMT-PARAMETERS.

00079 02 Y2K-DFMTP-DATEIN PIC X(8).

00080 02 Y2K-DFMTP-MAJOR PIC X(1).

00081 02 Y2K-DFMTP-MINOR PIC X(1).

00082 02 Y2K-DFMTP-RETURN-CODE PIC 9(1).

00083 02 Y2K-DFMTP-OUTPUT-SIZE PIC S9(2).

00084 02 Y2K-DFMTP-OUTPUT PIC X(29).

00085

00086 01 TYPE-TABLE-DEFINE.

00087 02 FILLER PIC X(31) VALUE

00088 '101Books'.

00089 02 FILLER PIC X(31) VALUE

00090 '102Jacket Covers'.

00091 02 FILLER PIC X(31) VALUE

00092 '103Gift Certificate (purchased)'.

00093 02 FILLER PIC X(31) VALUE

00094 '104Diskettes'.

00095 02 FILLER PIC X(31) VALUE

00096 '105Out-of-print search'.

00097 02 FILLER PIC X(31) VALUE

00098 '106Postage'.

00099 02 FILLER PIC X(31) VALUE

00100 '107Miscellaneous'.

00101 02 FILLER PIC X(31) VALUE

00102 '108Post cards (political)'.

00103 02 FILLER PIC X(31) VALUE

00104 '109Post cards (general)'.

00105 02 FILLER PIC X(31) VALUE

00106 '110Deposit on special order'.

00107 02 FILLER PIC X(31) VALUE

00108 '111Buttons'.

00109 01 TYPE-TABLE REDEFINES TYPE-TABLE-DEFINE.

00110 02 TYPE-TABLE-ENTRY OCCURS 11 TIMES

00111 ASCENDING KEY IS TTE-CODE

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00112			INDEXED BY TYPE-IX.	
00113		03 TTE-CODE	PIC 9(03).	
00114		03 TTE-TEXT	PIC X(28).	
00115				
00116	01	TYPE-TEXT-TO-PRINT.		
00117		02 TTTP-CODE	PIC 9(03) VALUE 0.	
00118		02 TTTP-TEXT.		
00119		03 FILLER	PIC X(03).	
00120		03 TTTP-TEXT-UNKNOWN	PIC X(25).	
00121				
00122	01	COUNT-1	PIC 9(01) VALUE 1.	
00123				
00124		REPORT SECTION.		
00125	RD	TYPE-SALES-REPORT		
00126		CONTROLS ARE TTTP-TEXT, SHR-YEAR-MONTH		
00127		PAGE LIMIT IS 66 LINES		
00128		HEADING 2		
00129		FIRST DETAIL 5		
00130		LAST DETAIL 59.		
00131				
00132	01	PAGE-HEAD TYPE PAGE HEADING.		
00133		02 LINE 2.		
00134		03 COLUMN 01	PIC X(10) SOURCE Y2K-DFMTP-OUTPUT.	
00135		03 COLUMN 15	PIC X(03) VALUE '(N)'.	
00136		03 COLUMN 25	PIC X(09) VALUE 'Discovery'.	
00137		03 COLUMN 36	PIC X(04) VALUE 'Nook'.	
00138		03 COLUMN 42	PIC X(05) VALUE 'Sales'.	
00139		03 COLUMN 49	PIC X(07) VALUE 'History'.	
00140		03 COLUMN 73	PIC X(04) VALUE 'Page'.	
00141		03 COLUMN 78	PIC ZZ9 SOURCE PAGE-COUNTER.	
00142		02 LINE 3.		
00143		03 COLUMN 01	PIC X(11) SOURCE Y2K-GETDP-CLOCK12.	
00144		03 COLUMN 32	PIC X(16) VALUE 'By Type and Year'.	
00145				
00146	01	TYPE-HEAD TYPE CONTROL HEADING TTTP-TEXT.		
00147		02 LINE PLUS 1.		
00148		03 COLUMN 08	PIC X(28) SOURCE TTTP-TEXT.	
00149				
00150	01	SALE-DETAIL TYPE IS DETAIL.		
00151		02 LINE PLUS 1.		
00152		03 COLUMN 01	PIC 9(02) SOURCE COUNT-1.	
00153		03 COLUMN 05	PIC 99999.99- SOURCE SHR-NET.	
00154				
00155	01	YEAR-FOOT TYPE IS CONTROL FOOTING SHR-YEAR-MONTH.		
00156		02 LINE PLUS 1.		
00157		03 COLUMN 17	PIC 9(04) SOURCE SHR-YEAR.	
00158		03 COLUMN 21	PIC X(01) VALUE '/'.	
00159		03 COLUMN 22	PIC 9(02) SOURCE SHR-MONTH.	
00160		03 COLUMN 27	PIC Z,ZZ9 SUM COUNT-1.	
00161		03 COLUMN 32	PIC X(01) VALUE '*'.	
00162		03 COLUMN 38	PIC \$ZZ,ZZ9.99 SUM SHR-NET.	
00163		03 COLUMN 48	PIC X(01) VALUE '*'.	
00164				
00165	01	TYPE-FOOT TYPE IS CONTROL FOOTING TTTP-TEXT.		
00166		02 LINE PLUS 1.		
00167		03 COLUMN 27	PIC Z,ZZ9 SUM COUNT-1.	
00168		03 COLUMN 32	PIC X(01) VALUE '*'.	

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00169          03  COLUMN 38  PIC $ZZ,ZZ9.99 SUM SHR-NET.
00170          03  COLUMN 48  PIC X(02) VALUE '***'.
00171
00172  PROCEDURE DIVISION.
00173
00174  0000-MAIN SECTION.
00175
00176  0000-HOUSEKEEPING.
00177
00178      CALL 'Y2KGETD' USING Y2K-GETD-PARAMETERS.
00179      MOVE Y2K-GETDP-DATE-G TO Y2K-DFMTP-DATEIN.
00180      MOVE '1' TO Y2K-DFMTP-MAJOR.
00181      MOVE '3' TO Y2K-DFMTP-MINOR.
00182      CALL 'Y2KDFMT' USING Y2K-DFMT-PARAMETERS.
00183
00184  0100-PRODUCE-REPORT.
00185
00186      OPEN INPUT SALES-HISTORY-FILE,
00187              OUTPUT REPORT-FILE.
00188      INITIATE TYPE-SALES-REPORT.
00189
00190      PERFORM 1100-READ-SALES-HISTORY
00191              UNTIL SALES-HISTORY-EOF.
00192
00193      TERMINATE TYPE-SALES-REPORT.
00194      CLOSE SALES-HISTORY-FILE,
00195              REPORT-FILE.
00196
00197      GOBACK.
00198
00199  1000-LEVEL-1-ROUTINES SECTION.
00200
00201  1100-READ-SALES-HISTORY.
00202
00203      READ SALES-HISTORY-FILE NEXT RECORD
00204      AT END
00205          MOVE 'Y' TO SALES-HISTORY-EOF-SW.
00206
00207      IF SALES-HISTORY-NOT-EOF
00208          PERFORM 2100-PRODUCE-REPORT.
00209
00210  2000-LEVEL-2-ROUTINES SECTION.
00211
00212  2100-PRODUCE-REPORT.
00213
00214      IF TTTP-CODE NOT = SHR-A1-TYPE
00215          MOVE SHR-A1-TYPE TO TTTP-CODE, TTTP-TEXT
00216          SET TYPE-IX TO +1
00217          SEARCH TYPE-TABLE-ENTRY
00218          AT END
00219              MOVE ' ** Unknown **' TO TTTP-TEXT-UNKNOWN
00220          WHEN TTE-CODE (TYPE-IX) = TTTP-CODE
00221              MOVE TTE-TEXT (TYPE-IX) TO TTTP-TEXT.
00222
00223      GENERATE TYPE-SALES-REPORT.
00224
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INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=1-228	FD	SALES-HISTORY-FILE	FIB=01		DNM=1-228		VSAM				
DNM=1-259	01	SALES-HISTORY-RECORD	BL=1	000	DNM=1-259	DS 0CL118	GROUP				
DNM=1-292	02	SHR-DATE	BL=1	000	DNM=1-292	DS 8C	DISP-NM				
DNM=1-310	02	FILLER	BL=1	000	DNM=1-310	DS 0CL8	GROUP	R			
DNM=1-324	03	SHR-YEAR-MONTH	BL=1	000	DNM=1-324	DS 6C	DISP-NM				
DNM=1-348	03	FILLER	BL=1	000	DNM=1-348	DS 0CL6	GROUP	R			
DNM=1-365	04	SHR-YEAR	BL=1	000	DNM=1-365	DS 4C	DISP-NM				
DNM=1-383	04	SHR-MONTH	BL=1	004	DNM=1-383	DS 2C	DISP-NM				
DNM=1-402	03	FILLER	BL=1	006	DNM=1-402	DS 2C	DISP-NM				
DNM=1-416	02	SHR-TYPE	BL=1	008	DNM=1-416	DS 3C	DISP-NM				
DNM=1-434	02	SHR-DESCRIPTION	BL=1	00B	DNM=1-434	DS 40C	DISP				
DNM=1-459	02	SHR-GROSS	BL=1	033	DNM=1-459	DS 4P	COMP-3				
DNM=1-478	02	SHR-DISCOUNT	BL=1	037	DNM=1-478	DS 2C	DISP-NM				
DNM=2-000	02	SHR-NET	BL=1	039	DNM=2-000	DS 4P	COMP-3				
DNM=2-017	02	SHR-ALTSEQ-FIELD-1	BL=1	03D	DNM=2-017	DS 0CL42	GROUP				
DNM=2-048	03	SHR-A1-CUSTOMER	BL=1	03D	DNM=2-048	DS 35C	DISP				
DNM=2-073	03	SHR-A1-TYPE	BL=1	060	DNM=2-073	DS 3C	DISP-NM				
DNM=2-094	03	SHR-A1-RRN	BL=1	063	DNM=2-094	DS 4C	COMP				
DNM=2-114	02	SHR-ALTSEQ-FIELD-2	BL=1	067	DNM=2-114	DS 0CL15	GROUP				
DNM=2-145	03	SHR-A2-DATE	BL=1	067	DNM=2-145	DS 8C	DISP-NM				
DNM=2-166	03	SHR-A2-TYPE	BL=1	06F	DNM=2-166	DS 3C	DISP-NM				
DNM=2-187	03	SHR-A2-RRN	BL=1	072	DNM=2-187	DS 4C	COMP				
DNM=2-207	FD	REPORT-FILE	DCB=01		DNM=2-207		QSAM				F
DNM=2-232	01	-0001	BL=2	000	DNM=2-232	DS 133C	DISP				
DNM=2-250	01	SALES-HISTORY-EOF-SW	BL=3	000	DNM=2-250	DS 1C	DISP				
DNM=2-283	88	SALES-HISTORY-NOT-EOF			DNM=2-283						
DNM=2-315	88	SALES-HISTORY-EOF			DNM=2-315						
DNM=2-346	01	SALESI-STATUS	BL=3	008	DNM=2-346	DS 2C	DISP				
DNM=2-369	01	Y2K-GETD-PARAMETERS	BL=3	010	DNM=2-369	DS 0CL41	GROUP				
DNM=2-401	02	Y2K-GETDP-DATE-G	BL=3	010	DNM=2-401	DS 8C	DISP-NM				
DNM=2-427	02	Y2K-GETDP-DATE-J	BL=3	018	DNM=2-427	DS 7C	DISP-NM				
DNM=2-453	02	Y2K-GETDP-ANUM	BL=3	01F	DNM=2-453	DS 7C	DISP-NM				
DNM=2-477	02	Y2K-GETDP-CLOCK	BL=3	026	DNM=2-477	DS 8C	DISP-NM				
DNM=3-000	02	FILLER	BL=3	026	DNM=3-000	DS 0CL8	GROUP	R			
DNM=3-017	03	Y2K-GETDP-CLOCK-HH	BL=3	026	DNM=3-017	DS 2C	DISP-NM				
DNM=3-045	03	Y2K-GETDP-CLOCK-MM	BL=3	028	DNM=3-045	DS 2C	DISP-NM				
DNM=3-073	03	Y2K-GETDP-CLOCK-SS	BL=3	02A	DNM=3-073	DS 2C	DISP-NM				
DNM=3-101	03	Y2K-GETDP-CLOCK-T	BL=3	02C	DNM=3-101	DS 1C	DISP-NM				
DNM=3-128	03	Y2K-GETDP-CLOCK-H	BL=3	02D	DNM=3-128	DS 1C	DISP-NM				
DNM=3-155	02	Y2K-GETDP-CLOCK12	BL=3	02E	DNM=3-155	DS 11C	DISP				
DNM=3-185	01	Y2K-DFMT-PARAMETERS	BL=3	040	DNM=3-185	DS 0CL42	GROUP				
DNM=3-217	02	Y2K-DFMTP-DATEIN	BL=3	040	DNM=3-217	DS 8C	DISP				
DNM=3-246	02	Y2K-DFMTP-MAJOR	BL=3	048	DNM=3-246	DS 1C	DISP				
DNM=3-271	02	Y2K-DFMTP-MINOR	BL=3	049	DNM=3-271	DS 1C	DISP				
DNM=3-296	02	Y2K-DFMTP-RETURN-CODE	BL=3	04A	DNM=3-296	DS 1C	DISP-NM				
DNM=3-327	02	Y2K-DFMTP-OUTPUT-SIZE	BL=3	04B	DNM=3-327	DS 2C	DISP-NM				
DNM=3-358	02	Y2K-DFMTP-OUTPUT	BL=3	04D	DNM=3-358	DS 29C	DISP				
DNM=3-384	01	TYPE-TABLE-DEFINE	BL=3	070	DNM=3-384	DS 0CL341	GROUP				
DNM=3-414	02	FILLER	BL=3	070	DNM=3-414	DS 31C	DISP				
DNM=3-428	02	FILLER	BL=3	08F	DNM=3-428	DS 31C	DISP				
DNM=3-442	02	FILLER	BL=3	0AE	DNM=3-442	DS 31C	DISP				
DNM=3-456	02	FILLER	BL=3	0CD	DNM=3-456	DS 31C	DISP				
DNM=3-470	02	FILLER	BL=3	0EC	DNM=3-470	DS 31C	DISP				
DNM=3-484	02	FILLER	BL=3	10B	DNM=3-484	DS 31C	DISP				
DNM=4-000	02	FILLER	BL=3	12A	DNM=4-000	DS 31C	DISP				

DNM=4-014	02	FILLER	BL=3	149	DNM=4-014	DS 31C	DISP	
DNM=4-028	02	FILLER	BL=3	168	DNM=4-028	DS 31C	DISP	
DNM=4-042	02	FILLER	BL=3	187	DNM=4-042	DS 31C	DISP	
DNM=4-056	02	FILLER	BL=3	1A6	DNM=4-056	DS 31C	DISP	
DNM=4-070	01	TYPE-TABLE	BL=3	070	DNM=4-070	DS 0CL341	GROUP	R
DNM=4-093		TYPE-IX			DNM=4-093		INDEX-NM	
DNM=4-107	02	TYPE-TABLE-ENTRY	BL=3	070	DNM=4-107	DS 0CL31	GROUP	0
DNM=4-139	03	TTE-CODE	BL=3	070	DNM=4-139	DS 3C	DISP-NM	
DNM=4-160	03	TTE-TEXT	BL=3	073	DNM=4-160	DS 28C	DISP	
DNM=4-181	01	TYPE-TEXT-TO-PRINT	BL=3	1C8	DNM=4-181	DS 0CL31	GROUP	
DNM=4-212	02	TTTP-CODE	BL=3	1C8	DNM=4-212	DS 3C	DISP-NM	
DNM=4-234	02	TTTP-TEXT	BL=3	1CB	DNM=4-234	DS 0CL28	GROUP	
DNM=4-256	03	FILLER	BL=3	1CB	DNM=4-256	DS 3C	DISP	
DNM=4-270	03	TTTP-TEXT-UNKNOWN	BL=3	1CE	DNM=4-270	DS 25C	DISP	
DNM=4-297	01	COUNT-1	BL=3	1E8	DNM=4-297	DS 1C	DISP-NM	
DNM=4-314	01	PRINT-SWITCH	BL=3	1F0	DNM=4-314	DS 1C	DISP-NM	
DNM=4-336	RD	TYPE-SALES-REPORT			DNM=4-336			
DNM=4-365	01	CTL.LVL	BL=3	1F8	DNM=4-365	DS 2P	COMP-3	
DNM=4-382	01	TER.COD	BL=3	200	DNM=4-382	DS 1C	DISP	
DNM=4-399	01	FRS.GEN	BL=3	208	DNM=4-399	DS 1C	DISP	
DNM=4-416	01	LIN.SAV	BL=3	210	DNM=4-416	DS 2C	COMP	
DNM=4-433	01	FRS.GRP	BL=3	218	DNM=4-433	DS 1C	DISP	
DNM=4-450	01	ABS.LIN	BL=3	220	DNM=4-450	DS 2C	COMP	
DNM=4-467	01	LIN.NUM	BL=3	228	DNM=4-467	DS 2P	COMP-3	
DNM=4-484	01	NGP.SAV	BL=3	230	DNM=4-484	DS 3P	COMP-3	
DNM=5-000	77	-0002	BL=3	233	DNM=5-000	DS 28C	DISP	
DNM=5-015	77	-0003	BL=3	24F	DNM=5-015	DS 28C	DISP	
DNM=5-033	77	-0004	BL=3	26B	DNM=5-033	DS 6C	DISP-NM	
DNM=5-051	77	-0005	BL=3	271	DNM=5-051	DS 6C	DISP-NM	
DNM=5-066	01	LINE-COUNTER	BL=3	278	DNM=5-066	DS 3P	COMP-3	
DNM=5-088	01	PAGE-COUNTER	BL=3	280	DNM=5-088	DS 3P	COMP-3	
DNM=5-110	01	RPT.RCD	BL=3	288	DNM=5-110	DS 0CL133	GROUP	
DNM=5-130	02	CTL.CHR	BL=3	288	DNM=5-130	DS 1C	DISP	
DNM=5-147	02	RPT.LIN	BL=3	289	DNM=5-147	DS 132C	DISP	
DNM=5-167	02	E.0001	BL=3	289	DNM=5-167	DS 10C	DISP	R
DNM=5-183	02	E.0002	BL=3	297	DNM=5-183	DS 3C	DISP	R
DNM=5-199	02	E.0003	BL=3	2A1	DNM=5-199	DS 9C	DISP	R
DNM=5-215	02	E.0004	BL=3	2AC	DNM=5-215	DS 4C	DISP	R
DNM=5-231	02	E.0005	BL=3	2B2	DNM=5-231	DS 5C	DISP	R
DNM=5-247	02	E.0006	BL=3	2B9	DNM=5-247	DS 7C	DISP	R
DNM=5-263	02	E.0007	BL=3	2D1	DNM=5-263	DS 4C	DISP	R
DNM=5-279	02	E.0008	BL=3	2D6	DNM=5-279	DS 3C	NM-EDIT	R
DNM=5-302	02	E.0009	BL=3	289	DNM=5-302	DS 11C	DISP	R
DNM=5-318	02	E.0010	BL=3	2A8	DNM=5-318	DS 16C	DISP	R
DNM=5-334	02	E.0011	BL=3	290	DNM=5-334	DS 28C	DISP	R
DNM=5-350	02	E.0012	BL=3	289	DNM=5-350	DS 2C	DISP-NM	R
DNM=5-366	02	E.0013	BL=3	28D	DNM=5-366	DS 9C	NM-EDIT	R
DNM=5-393	02	E.0014	BL=3	299	DNM=5-393	DS 4C	DISP-NM	R
DNM=5-409	02	E.0015	BL=3	29D	DNM=5-409	DS 1C	DISP	R
DNM=5-425	02	E.0016	BL=3	29E	DNM=5-425	DS 2C	DISP-NM	R
DNM=5-441	02	E.0017	BL=3	2A3	DNM=5-441	DS 5C	NM-EDIT	R
DNM=5-468	02	E.0018	BL=3	2A8	DNM=5-468	DS 1C	DISP	R
DNM=6-000	02	E.0019	BL=3	2AE	DNM=6-000	DS 10C	NM-EDIT	R
DNM=6-033	02	E.0020	BL=3	2B8	DNM=6-033	DS 1C	DISP	R
DNM=6-049	02	E.0021	BL=3	2A3	DNM=6-049	DS 5C	NM-EDIT	R
DNM=6-076	02	E.0022	BL=3	2A8	DNM=6-076	DS 1C	DISP	R
DNM=6-095	02	E.0023	BL=3	2AE	DNM=6-095	DS 10C	NM-EDIT	R

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MEMORY MAP

TGT 00680

SAVE AREA 00680

SWITCH 006C8

TALLY 006CC

SORT SAVE 006D0

ENTRY-SAVE 006D4

SORT CORE SIZE 006D8

RET CODE 006DC

SORT RET 006DE

WORKING CELLS 006E0

SORT FILE SIZE 00810

SORT MODE SIZE 00814

PGT-VN TBL 00818

TGT-VN TBL 0081C

RESERVED 00820

LENGTH OF VN TBL 00824

LABEL RET 00826

RESERVED 00827

DBG R14SAVE 00828

COBOL INDICATOR 0082C

A(INIT1) 00830

DEBUG TABLE PTR 00834

SUBCOM PTR 00838

SORT-MESSAGE 0083C

SYSOUT DDNAME 00844

RESERVED 00845

COBOL ID 00846

COMPILED POINTER 00848

COUNT TABLE ADDRESS 0084C

RESERVED 00850

DBG R11SAVE 00858

COUNT CHAIN ADDRESS 0085C

PRBL1 CELL PTR 00860

RESERVED 00864

TA LENGTH 00869

RESERVED 0086C

PCS LIT PTR 00874

DEBUGGING 00878

CD FOR INITIAL INPUT 0087C

OVERFLOW CELLS 00880

BL CELLS 00880

DECBADR CELLS 0088C

FIB CELLS 0088C

TEMP STORAGE 00890

TEMP STORAGE-2 008A0

TEMP STORAGE-3 008B0

TEMP STORAGE-4 008B0

BLL CELLS 008B0

VLC CELLS 008B8

SBL CELLS 008B8

INDEX CELLS 008B8

SUBADR CELLS 008BC

ONCTL CELLS 008C4

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PFMCTL CELLS	008C4
PFMSAV CELLS	008C4
VN CELLS	008CC
SAVE AREA =2	008DC
SAVE AREA =3	008DC
XSASW CELLS	008E4
XSA CELLS	008E4
PARAM CELLS	008E4
RPTSAV AREA	008F4
CHECKPT CTR	00910

LITERAL POOL (HEX)

00AF0 (LIT+0)	1C2C0002	40202120	00030000	003BF021	20202020	4B202060
00B08 (LIT+24)	4020206B	20212040	5B20206B	2021204B	20200F00	000C0000
00B20 (LIT+48)	1C000000	0C5C4C00	004C4DD5	5DC489A2	8396A585	99A8D596
00B38 (LIT+72)	9692E281	9385A2C8	89A2A396	99A8D781	8785C2A8	40E3A897
00B50 (LIT+96)	85408195	8440E885	81995C5C	00000001	10000000	80000000
00B68 (LIT+120)	14000000	40405C5C	40E49592	9596A695	405C5C	

PGT	00918
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OVERFLOW CELLS	00918
VIRTUAL CELLS	00918
PROCEDURE NAME CELLS	0094C
GENERATED NAME CELLS	0095C
DCB ADDRESS CELLS	00ADC
VNI CELLS	00AE0
LITERALS	00AF0
DISPLAY LITERALS	00B7B

REGISTER ASSIGNMENT

REG 6	BL =3
REG 7	BL =1
REG 8	BL =2

WORKING-STORAGE STARTS AT LOCATION 000A0 FOR A LENGTH OF 00358.

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READ04N

13.39.15

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STATISTICS

SOURCE RECORDS = 224 DATA DIVISION STATEMENTS = 75 PROCEDURE DIVISION STATEMENTS = 22

OPTIONS IN EFFECT

SIZE = 3145728 BUF = 765952 LINECNT = 57 SPACE1, FLAGW, SEQ, SOURCE

OPTIONS IN EFFECT

DMAP, NOPMAP, NOCLIST, NOSUPMAP, NOXREF, NOSXREF, LOAD, NODECK, APOST, NOTRUNC, NOFLOW

OPTIONS IN EFFECT

NOTERM, NONUM, NOBATCH, NONAME, COMPILE=01, NOSTATE, NORESIDENT, NODYNAM, LIB, NOSYNTAX

OPTIONS IN EFFECT

NOOPTIMIZE, NOSYMDMP, NOTEST, VERB, ZWB, SYST, NOENDJOB, NOMIGR, NOLVL

OPTIONS IN EFFECT

NOLST , NOFDECK, NOCDECK, LCOL2, L120, DUMP , ADV , NOPRINT,

OPTIONS IN EFFECT

NOCOUNT, NOVBSUM, NOVBREF, LANGLVL(1)

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CARD	ERROR MESSAGE
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141	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 READ04N(R)

MODULE MAP

CONTROL SECTION				ENTRY							
NAME	ORIGIN	LENGTH		NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
READ04N	00	17AC									
ILBOEXT *	17B0	68									
ILBOQIO *	1818	7F4		ILBOEXT0	17B2	ILBOEXT1	17B6				
				ILBOQIO0	181A	ILBOQIO1	181E				
ILBOSPA *	2010	884									
				ILBOSPA0	2012	ILBOSPA1	2016	ILBOSPA2	201A		
ILBOSRV *	2898	4D4									
				ILBOSRV0	28A2	ILBOSR5	28A2	ILBOSR3	28A2	ILBOSR	28A2
				ILBOSRV1	28A6	ILBOSTP1	28A6	ILBOST	28AA	ILBOSTP0	28AA
ILBOVOC *	2D70	2392									
				ILBOVOC0	2D72	ILBOVOC1	2D76				
Y2KDFMT *	5108	60A									
Y2KDOWN *	5718	FB									
Y2KGTOA *	5818	2DF									
Y2KGETD *	5AF8	201									
Y2KGTOJ *	5D00	137									
Y2KJTOG *	5E38	1CD									
Y2KATOG *	6008	27A									
ILBOBEG *	6288	1DC									
				ILBOBEG0	628A						
ILBOCHN *	6468	1DC									
				ILBOCHN0	646A						
ILBOCKP *	6648	7E									
				ILBOCKP0	664A	ILBOCKP1	664E				
ILBOCMM *	66C8	530									
				ILBOCMM0	66CA	ILBOCMM1	66CE				
ILBOCOM0*	6BF8	173									
				ILBOCOM	6BF8						
ILBOCVB *	6D70	428									
				ILBOCVB0	6D72	ILBOCVB1	6D76				
ILBOINT *	7198	124									
				ILBOINT0	719A						
ILBOMSG *	72C0	100									
				ILBOMSG0	72C2						
ILBOVIO *	73C0	1F28									
				ILBOVIO0	73C2						

ENTRY ADDRESS 00

TOTAL LENGTH 92E8

****READ04N DOES NOT EXIST BUT HAS BEEN ADDED TO DATA SET

AUTHORIZATION CODE IS 0.