

J E S 2 J O B L O G

13.30.11 JOB 173 \$HASP373 READ04VC STARTED - INIT 1 - CLASS A - SYS HMVS
13.30.11 JOB 173 IEF403I READ04VC - STARTED - TIME=13.30.11
13.30.11 JOB 173 IEC130I SYSPUNCH DD STATEMENT MISSING
13.30.11 JOB 173 IEC130I SYSPUNCH DD STATEMENT MISSING
13.30.11 JOB 173 IEFACTRT COB /IKFCBL00/00:00:00.06/00:00:00.10/00004/READ04VC
13.30.11 JOB 173 IEFACTRT LKED /IEWL /00:00:00.02/00:00:00.04/00000/READ04VC
13.30.11 JOB 173 IEF404I READ04VC - ENDED - TIME=13.30.11
13.30.11 JOB 173 \$HASP395 READ04VC ENDED

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

06 AUG 25 JOB EXECUTION DATE

9 CARDS READ

754 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1

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00001 IDENTIFICATION DIVISION.
00002 PROGRAM-ID. READ04V.
00003 DATE-WRITTEN. AUGUST, 2025.
00004 DATE-COMPILED. AUG 6, 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 REPORT-FILE
00014 ASSIGN TO UR-S-REPORT.
00015
00016 DATA DIVISION.
00017 FILE SECTION.
00018
00019 FD REPORT-FILE
00020 LABEL RECORDS OMITTED
00021 REPORT IS TYPE-SALES-REPORT.
00022
00023 WORKING-STORAGE SECTION.
00024
00025 01 SALES-HISTORY-EOF-SW PIC X VALUE 'N'.
00026 88 SALES-HISTORY-NOT-EOF VALUE 'N'.
00027 88 SALES-HISTORY-EOF VALUE 'Y'.
00028
00029 01 SALESI-STATUS PIC X(02).
00030
00031 01 Y2K-GETD-PARAMETERS.
00032 02 Y2K-GETDP-DATE-G PIC 9(8).
00033 02 Y2K-GETDP-DATE-J PIC 9(7).
00034 02 Y2K-GETDP-ANUM PIC S9(7).
00035 02 Y2K-GETDP-CLOCK PIC 9(8).
00036 02 FILLER REDEFINES Y2K-GETDP-CLOCK.
00037 03 Y2K-GETDP-CLOCK-HH PIC 9(2).
00038 03 Y2K-GETDP-CLOCK-MM PIC 9(2).
00039 03 Y2K-GETDP-CLOCK-SS PIC 9(2).
00040 03 Y2K-GETDP-CLOCK-T PIC 9(1).
00041 03 Y2K-GETDP-CLOCK-H PIC 9(1).
00042 02 Y2K-GETDP-CLOCK12 PIC X(11).
00043
00044 01 Y2K-DFMT-PARAMETERS.
00045 02 Y2K-DFMTP-DATEIN PIC X(8).
00046 02 Y2K-DFMTP-MAJOR PIC X(1).
00047 02 Y2K-DFMTP-MINOR PIC X(1).
00048 02 Y2K-DFMTP-RETURN-CODE PIC 9(1).
00049 02 Y2K-DFMTP-OUTPUT-SIZE PIC S9(2).
00050 02 Y2K-DFMTP-OUTPUT PIC X(29).
00051
00052 01 VSIO-PARAMETER-VALUES COPY VSAMIO.
00053 C 000100* ***** *06980000
00054 C 000200* *06990000
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00055 C 000300*      VV  VV  SSSSS      A      M      M  IIII      00000      *07000000
00056 C 000400*      VV  VV  SS    SS      AAA      MM      MM  II      00  00      *07010000
00057 C 000500*      VV  VV  SS      AA  AA      MMM  MMM  II      00  00      *07020000
00058 C 000600*      VV  VV  SSSSS  AA  AA  MMMMMMMM  II      00  00      *07030000
00059 C 000700*      VV  VV      SS  AA  AA  MM  M  MM  II      00  00      *07040000
00060 C 000800*      VV  VV  SS    SS  AAAAAA  MM      MM  II      00  00      *07050000
00061 C 000900*      VVV  SS    SS  AA  AA  MM      MM  II      00  00      *07060000
00062 C 001000*      V      SSSSS  AA  AA  MM      MM  IIII      00000      *07070000
00063 C 001100*      *07080000
00064 C 001200* ***** *07090000
00065 C 001300*      *07100000
00066 C 001400* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *07110000
00067 C 001500* ACCESS ROUTINE. *07120000
00068 C 001600*      *07130000
00069 C 001700* THE VSIO-PARAMETER-VALUES SUPPLY THE VALUES USED TO MOVE INTO *07140000
00070 C 001800* PARAMETER ENTRIES TO TAILOR THE ROUTINE TO A SPECIFIC DATASET *07150000
00071 C 001900* AND TO PROVIDE COMMANDS TO DRIVE THE ROUTINE. *07160000
00072 C 002000* ***** *07170000
00073 C 002100 01 VSIO-PARAMETER-VALUES. 07180000
00074 C 002200      02 VSIO-OPEN PIC X(08) VALUE 'OPEN ' . 07190000
00075 C 002300      02 VSIO-CLOSE PIC X(08) VALUE 'CLOSE ' . 07200000
00076 C 002400      02 VSIO-READ PIC X(08) VALUE 'READ ' . 07210000
00077 C 002500      02 VSIO-WRITE PIC X(08) VALUE 'WRITE ' . 07220000
00078 C 002600      02 VSIO-REWRITE PIC X(08) VALUE 'REWRITE ' . 07230000
00079 C 002700      02 VSIO-DELETE PIC X(08) VALUE 'DELETE ' . 07240000
00080 C 002800      02 VSIO-START-KEY-EQUAL PIC X(08) VALUE 'STARTEQ ' . 07250000
00081 C 002900      02 VSIO-START-KEY-NOTLESS PIC X(08) VALUE 'STARTGE ' . 07260000
00082 C 003000      02 VSIO-KSDS PIC X(04) VALUE 'KSDS' . 07270000
00083 C 003100      02 VSIO-ESDS PIC X(04) VALUE 'ESDS' . 07280000
00084 C 003200      02 VSIO-RRDS PIC X(04) VALUE 'RRDS' . 07290000
00085 C 003300      02 VSIO-SEQUENTIAL PIC X(10) VALUE 'SEQUENTIAL' . 07300000
00086 C 003400      02 VSIO-DIRECT PIC X(10) VALUE 'DIRECT ' . 07310000
00087 C 003500      02 VSIO-DYNAMIC PIC X(10) VALUE 'DYNAMIC ' . 07320000
00088 C 003600      02 VSIO-INPUT PIC X(06) VALUE 'INPUT ' . 07330000
00089 C 003700      02 VSIO-OUTPUT PIC X(06) VALUE 'OUTPUT' . 07340000
00090 C 003800      02 VSIO-INPUT-OUTPUT PIC X(06) VALUE 'UPDATE' . 07350000
00091 C 003900      07360000
00092 C 004000* ***** *07370000
00093 C 004100* THE VSIO-PARAMETER-BLOCK IS THE COMMUNICATION INTERFACE TO *07380000
00094 C 004200* THE ROUTINE. *07390000
00095 C 004300* ***** *07400000
00096 C 004400 01 VSIO-PARAMETER-BLOCK. 07410000
00097 C 004500      02 VSIO-COMMAND PIC X(08). 07420000
00098 C 004600      02 VSIO-RETURN-CODE PIC S9(04) COMP. 07430000
00099 C 004700      88 VSIO-SUCCESS VALUE +0. 07440000
00100 C 004800      88 VSIO-LOGIC-ERROR VALUE +8. 07450000
00101 C 004900      88 VSIO-END-OF-FILE VALUE +9999. 07460000
00102 C 005000      88 VSIO-PARAMETER-ERROR VALUE +20 THRU +28. 07470000
00103 C 005100      88 VSIO-COMMAND-UNKNOWN VALUE +20. 07480000
00104 C 005200      88 VSIO-DATASET-ALREADY-OPEN VALUE +21. 07490000
00105 C 005300      88 VSIO-DATASET-NOT-OPEN VALUE +22. 07500000
00106 C 005400      88 VSIO-ORGANIZATION-KEYWORD VALUE +23. 07510000
00107 C 005500      88 VSIO-ACCESS-KEYWORD VALUE +24. 07520000
00108 C 005600      88 VSIO-ACCESS-UNSUPPORTED VALUE +25. 07530000
00109 C 005700      88 VSIO-MODE-KEYWORD VALUE +26. 07540000
00110 C 005800      88 VSIO-MODE-UNSUPPORTED VALUE +27. 07550000
00111 C 005900      88 VSIO-DDNAME-BLANK VALUE +28. 07560000

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00112 C 006000      02  VSIO-VSAM-RETURN-CODE  PIC S9(04)  COMP.          07570000
00113 C 006100      02  VSIO-VSAM-FUNCTION-CODE PIC S9(04)  COMP.          07580000
00114 C 006200      02  VSIO-VSAM-FEEDBACK-CODE PIC S9(04)  COMP.          07590000
00115 C 006300      88  VSIO-DUPLICATE-RECORD          VALUE +8.          07600000
00116 C 006400      88  VSIO-SEQUENCE-ERROR           VALUE +12.         07610000
00117 C 006500      88  VSIO-RECORD-NOT-FOUND          VALUE +16.         07620000
00118 C 006600      88  VSIO-NO-MORE-SPACE             VALUE +28.         07630000
00119 C 006700      88  VSIO-READ-WITHOUT-START        VALUE +88.         07640000
00120 C 006800* ***** *07650000
00121 C 006900*                END OF VSAMIO COPY BOOK *07660000
00122 C 007000* ***** *07670000
00123      01  SALESI                COPY VSAMIOFB.
00124 C 000100* ***** *00000100
00125 C 000200* ***** *00000200
00126 C 000300* VV    VV  SSSSS      A      M      M  IIII  00000  FFFFFFFF BBBB BB *00000300
00127 C 000400* VV    VV SS    SS    AAA    MM    MM  II  00    00 FF    BB    BB *00000400
00128 C 000500* VV    VV SS          AA AA    MMM MMM  II  00    00 FF    BB    BB *00000500
00129 C 000600* VV    VV SSSSS    AA    AA  MMMMMMMM II  00    00 FFFFF  BBBB BB *00000600
00130 C 000700* VV    VV          SS AA    AA MM M MM  II  00    00 FF    BB    BB *00000700
00131 C 000800*   VV VV  SS    SS  AAAAAA MM    MM  II  00    00 FF    BB    BB *00000800
00132 C 000900*   VVV  SS    SS  AA    AA MM    MM  II  00    00 FF    BB    BB *00000900
00133 C 001000*    V    SSSSS    AA    AA MM    MM IIII  00000  FF    BBBB BB *00001000
00134 C 001100* ***** *00001100
00135 C 001200* ***** *00001200
00136 C 001300* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *00001300
00137 C 001400* ACCESS ROUTINE, AND ARE USED TO COMMUNICATE CHARACTERISTICS *00001400
00138 C 001500* FOR A SINGLE VSAM DATASET. *00001500
00139 C 001600* ***** *00001600
00140 C 001700* WITH THE 2 EXCEPTIONS FOR RECORD LENGTH (TO ACCOMODATE *00001700
00141 C 001800* VARIABLE LENGTH RECORDS) AND RELATIVE RECORD (TO ACCOMODATE *00001800
00142 C 001900* RELATIVE RECORD DATASETS) THESE DATA NAMES MUST BE POPULATED *00001900
00143 C 002000* PRIOR TO CALLING THE ROUTINE TO OPEN THE DATASET AND MUST NOT *00002000
00144 C 002100* THEN BE CHANGED UNTIL THE DATASET HAS BEEN CLOSED. *00002100
00145 C 002200* ***** *00002200
00146 C 002300 01  SALESI.                00002300
00147 C 002400      02  VSIO-DDNAME                PIC X(08)  VALUE SPACES.  00002400
00148 C 002500      02  VSIO-ORGANIZATION           PIC X(04)  VALUE SPACES.  00002500
00149 C 002600      02  VSIO-ACCESS                 PIC X(10)  VALUE SPACES.  00002600
00150 C 002700      02  VSIO-MODE                   PIC X(06)  VALUE SPACES.  00002700
00151 C 002800      02  VSIO-RECORD-LENGTH          PIC S9(04)  COMP VALUE +0.  00002800
00152 C 002900      02  VSIO-KEY-ARGUMENT.          00002900
00153 C 003000      03  VSIO-KEY-POSITION           PIC S9(04)  COMP VALUE +0.  00003000
00154 C 003100      03  VSIO-KEY-LENGTH             PIC S9(04)  COMP VALUE +0.  00003100
00155 C 003200      02  VSIO-RELATIVE-RECORD        REDEFINES VSIO-KEY-ARGUMENT 00003200
00156 C 003300      PIC S9(08)  COMP.                00003300
00157 C 003400      02  FILLER                      PIC X(01)  VALUE 'C'.      00003400
00158 C 003500      88  VSIO-FILE-OPEN              VALUE 'O'.      00003500
00159 C 003600      88  VSIO-FILE-CLOSED            VALUE 'C'.      00003600
00160 C 003700      02  FILLER                      PIC X(161).      00003700
00161 C 003800* ***** *00003800
00162 C 003900*                END OF VSAMIOFB COPY BOOK *00003900
00163 C 004000* ***** *00004000
00164      01  SALES-HISTORY-RECORD.
00165      02  SHR-DATE                PIC 9(08).
00166      02  FILLER                REDEFINES SHR-DATE.
00167      03  SHR-YEAR-MONTH          PIC 9(06).
00168      03  FILLER                REDEFINES SHR-YEAR-MONTH.

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00169          04  SHR-YEAR          PIC 9(04).
00170          04  SHR-MONTH         PIC 9(02).
00171          03  FILLER            PIC 9(02).
00172          02  SHR-TYPE           PIC 9(03).
00173          02  SHR-DESCRIPTION    PIC X(40).
00174          02  SHR-GROSS          PIC S9(5)V99 COMP-3.
00175          02  SHR-DISCOUNT       PIC V99.
00176          02  SHR-NET           PIC S9(5)V99 COMP-3.
00177          02  SHR-ALTSEQ-FIELD-1.
00178          03  SHR-A1-CUSTOMER    PIC X(35).
00179          03  SHR-A1-TYPE        PIC 9(03).
00180          03  SHR-A1-RRN         PIC S9(8) COMP.
00181          02  SHR-ALTSEQ-FIELD-2.
00182          03  SHR-A2-DATE        PIC 9(08).
00183          03  SHR-A2-TYPE        PIC 9(03).
00184          03  SHR-A2-RRN         PIC S9(8) COMP.
00185  01  TYPE-TABLE-DEFINE.
00186      02  FILLER                  PIC X(31) VALUE
00187          '101Books'.
00188      02  FILLER                  PIC X(31) VALUE
00189          '102Jacket Covers'.
00190      02  FILLER                  PIC X(31) VALUE
00191          '103Gift Certificate (purchased)'.
00192      02  FILLER                  PIC X(31) VALUE
00193          '104Diskettes'.
00194      02  FILLER                  PIC X(31) VALUE
00195          '105Out-of-print search'.
00196      02  FILLER                  PIC X(31) VALUE
00197          '106Postage'.
00198      02  FILLER                  PIC X(31) VALUE
00199          '107Miscellaneous'.
00200      02  FILLER                  PIC X(31) VALUE
00201          '108Post cards (political)'.
00202      02  FILLER                  PIC X(31) VALUE
00203          '109Post cards (general)'.
00204      02  FILLER                  PIC X(31) VALUE
00205          '110Deposit on special order'.
00206      02  FILLER                  PIC X(31) VALUE
00207          '111Buttons'.
00208  01  TYPE-TABLE                  REDEFINES TYPE-TABLE-DEFINE.
00209      02  TYPE-TABLE-ENTRY        OCCURS 11 TIMES
00210                                  ASCENDING KEY IS TTE-CODE
00211                                  INDEXED BY TYPE-IX.
00212          03  TTE-CODE           PIC 9(03).
00213          03  TTE-TEXT           PIC X(28).
00214
00215  01  TYPE-TEXT-TO-PRINT.
00216      02  TTTP-CODE              PIC 9(03) VALUE 0.
00217      02  TTTP-TEXT.
00218          03  FILLER             PIC X(03).
00219          03  TTTP-TEXT-UNKNOWN  PIC X(25).
00220
00221  01  COUNT-1                    PIC 9(01) VALUE 1.
00222
00223  REPORT SECTION.
00224  RD  TYPE-SALES-REPORT
00225      CONTROLS ARE TTTP-TEXT, SHR-YEAR-MONTH

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00226      PAGE LIMIT IS 66 LINES
00227      HEADING 2
00228      FIRST DETAIL 5
00229      LAST DETAIL 59.
00230
00231      01  PAGE-HEAD TYPE PAGE HEADING.
00232          02  LINE 2.
00233              03  COLUMN 01  PIC X(10) SOURCE Y2K-DFMTP-OUTPUT.
00234              03  COLUMN 15  PIC X(03) VALUE '(V)'.
00235              03  COLUMN 25  PIC X(09) VALUE 'Discovery'.
00236              03  COLUMN 36  PIC X(04) VALUE 'Nook'.
00237              03  COLUMN 42  PIC X(05) VALUE 'Sales'.
00238              03  COLUMN 49  PIC X(07) VALUE 'History'.
00239              03  COLUMN 73  PIC X(04) VALUE 'Page'.
00240              03  COLUMN 78  PIC ZZ9  SOURCE PAGE-COUNTER.
00241          02  LINE 3.
00242              03  COLUMN 01  PIC X(11) SOURCE Y2K-GETDP-CLOCK12.
00243              03  COLUMN 32  PIC X(16) VALUE 'By Type and Year'.
00244
00245      01  TYPE-HEAD TYPE CONTROL HEADING TTTP-TEXT.
00246          02  LINE PLUS 1.
00247              03  COLUMN 08  PIC X(28) SOURCE TTTP-TEXT.
00248
00249      01  SALE-DETAIL TYPE IS DETAIL.
00250          02  LINE PLUS 1.
00251              03  COLUMN 01  PIC 9(02)      SOURCE COUNT-1.
00252              03  COLUMN 05  PIC 99999.99-  SOURCE SHR-NET.
00253
00254      01  YEAR-FOOT TYPE IS CONTROL FOOTING SHR-YEAR-MONTH.
00255          02  LINE PLUS 1.
00256              03  COLUMN 17  PIC 9(04) SOURCE SHR-YEAR.
00257              03  COLUMN 21  PIC X(01) VALUE '/'.
00258              03  COLUMN 22  PIC 9(02) SOURCE SHR-MONTH.
00259              03  COLUMN 27  PIC Z,ZZ9 SUM COUNT-1.
00260              03  COLUMN 32  PIC X(01) VALUE '*'.
00261              03  COLUMN 38  PIC $ZZ,ZZ9.99 SUM SHR-NET.
00262              03  COLUMN 48  PIC X(01) VALUE '*'.
00263
00264      01  TYPE-FOOT TYPE IS CONTROL FOOTING TTTP-TEXT.
00265          02  LINE PLUS 1.
00266              03  COLUMN 27  PIC Z,ZZ9 SUM COUNT-1.
00267              03  COLUMN 32  PIC X(01) VALUE '*'.
00268              03  COLUMN 38  PIC $ZZ,ZZ9.99 SUM SHR-NET.
00269              03  COLUMN 48  PIC X(02) VALUE '**'.
00270
00271      PROCEDURE DIVISION.
00272
00273      0000-MAIN SECTION.
00274
00275      0000-HOUSEKEEPING.
00276
00277          CALL 'Y2KGETD' USING Y2K-GETD-PARAMETERS.
00278          MOVE Y2K-GETDP-DATE-G TO Y2K-DFMTP-DATEIN.
00279          MOVE '1' TO Y2K-DFMTP-MAJOR.
00280          MOVE '3' TO Y2K-DFMTP-MINOR.
00281          CALL 'Y2KDFMT' USING Y2K-DFMT-PARAMETERS.
00282

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00283      0100-PRODUCE-REPORT.
00284
00285      MOVE 'SALESI ' TO VSIO-DDNAME.
00286      MOVE VSIO-KSDS TO VSIO-ORGANIZATION.
00287      MOVE VSIO-SEQUENTIAL TO VSIO-ACCESS.
00288      MOVE VSIO-INPUT TO VSIO-MODE.
00289      MOVE +118 TO VSIO-RECORD-LENGTH.
00290      MOVE VSIO-OPEN TO VSIO-COMMAND.
00291      CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, SALESI,
00292                          SALES-HISTORY-RECORD.
00293      IF NOT VSIO-SUCCESS
00294          DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00295                  VSIO-COMMAND
00296          EXHIBIT NAMED VSIO-RETURN-CODE,
00297          EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00298                      VSIO-VSAM-FUNCTION-CODE,
00299                      VSIO-VSAM-FEEDBACK-CODE
00300      MOVE +12 TO RETURN-CODE
00301      STOP RUN.
00302
00303      OPEN OUTPUT REPORT-FILE.
00304      INITIATE TYPE-SALES-REPORT.
00305
00306      PERFORM 1100-READ-SALES-HISTORY
00307              THRU 1199-EXIT
00308              UNTIL SALES-HISTORY-EOF.
00309
00310      MOVE VSIO-CLOSE TO VSIO-COMMAND.
00311      CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, SALESI,
00312                          SALES-HISTORY-RECORD.
00313      IF NOT VSIO-SUCCESS
00314          DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00315                  VSIO-COMMAND
00316          EXHIBIT NAMED VSIO-RETURN-CODE,
00317          EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00318                      VSIO-VSAM-FUNCTION-CODE,
00319                      VSIO-VSAM-FEEDBACK-CODE
00320      MOVE +12 TO RETURN-CODE.
00321
00322      TERMINATE TYPE-SALES-REPORT.
00323      CLOSE REPORT-FILE.
00324
00325      GOBACK.
00326
00327      1000-LEVEL-1-ROUTINES SECTION.
00328
00329      1100-READ-SALES-HISTORY.
00330
00331      MOVE VSIO-READ TO VSIO-COMMAND.
00332      CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, SALESI,
00333                          SALES-HISTORY-RECORD.
00334      IF NOT VSIO-SUCCESS
00335          IF VSIO-END-OF-FILE
00336              MOVE 'Y' TO SALES-HISTORY-EOF-SW
00337          ELSE
00338              DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00339                      VSIO-COMMAND

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00340          EXHIBIT NAMED VSIO-RETURN-CODE,
00341          EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00342          VSIO-VSAM-FUNCTION-CODE,
00343          VSIO-VSAM-FEEDBACK-CODE
00344          MOVE +12 TO RETURN-CODE
00345          MOVE 'Y' TO SALES-HISTORY-EOF-SW.
00346
00347          IF SALES-HISTORY-NOT-EOF
00348              PERFORM 2100-PRODUCE-REPORT
00349              THRU 2199-EXIT.
00350
00351      1199-EXIT.
00352      EXIT.
00353
00354      2000-LEVEL-2-ROUTINES SECTION.
00355
00356      2100-PRODUCE-REPORT.
00357
00358          IF TTTP-CODE NOT = SHR-A1-TYPE
00359              MOVE SHR-A1-TYPE TO TTTP-CODE, TTTP-TEXT
00360              SET TYPE-IX TO +1
00361              SEARCH TYPE-TABLE-ENTRY
00362              AT END
00363                  MOVE '  ** Unknown **' TO TTTP-TEXT-UNKNOWN
00364              WHEN TTE-CODE (TYPE-IX) = TTTP-CODE
00365                  MOVE TTE-TEXT (TYPE-IX) TO TTTP-TEXT.
00366
00367          GENERATE TYPE-SALES-REPORT.
00368
00369      2199-EXIT.
00370      EXIT.
00371
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INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=1-260	FD	REPORT-FILE	DCB=01		DNM=1-260		QSAM				F
DNM=1-284	01	-0001	BL=1	000	DNM=1-284	DS 133C	DISP				
DNM=1-302	01	SALES-HISTORY-EOF-SW	BL=2	000	DNM=1-302	DS 1C	DISP				
DNM=1-335	88	SALES-HISTORY-NOT-EOF			DNM=1-335						
DNM=1-367	88	SALES-HISTORY-EOF			DNM=1-367						
DNM=1-395	01	SALESI-STATUS	BL=2	008	DNM=1-395	DS 2C	DISP				
DNM=1-418	01	Y2K-GETD-PARAMETERS	BL=2	010	DNM=1-418	DS 0CL41	GROUP				
DNM=1-450	02	Y2K-GETDP-DATE-G	BL=2	010	DNM=1-450	DS 8C	DISP-NM				
DNM=1-476	02	Y2K-GETDP-DATE-J	BL=2	018	DNM=1-476	DS 7C	DISP-NM				
DNM=2-000	02	Y2K-GETDP-ANUM	BL=2	01F	DNM=2-000	DS 7C	DISP-NM				
DNM=2-024	02	Y2K-GETDP-CLOCK	BL=2	026	DNM=2-024	DS 8C	DISP-NM				
DNM=2-049	02	FILLER	BL=2	026	DNM=2-049	DS 0CL8	GROUP	R			
DNM=2-068	03	Y2K-GETDP-CLOCK-HH	BL=2	026	DNM=2-068	DS 2C	DISP-NM				
DNM=2-096	03	Y2K-GETDP-CLOCK-MM	BL=2	028	DNM=2-096	DS 2C	DISP-NM				
DNM=2-124	03	Y2K-GETDP-CLOCK-SS	BL=2	02A	DNM=2-124	DS 2C	DISP-NM				
DNM=2-152	03	Y2K-GETDP-CLOCK-T	BL=2	02C	DNM=2-152	DS 1C	DISP-NM				
DNM=2-179	03	Y2K-GETDP-CLOCK-H	BL=2	02D	DNM=2-179	DS 1C	DISP-NM				
DNM=2-206	02	Y2K-GETDP-CLOCK12	BL=2	02E	DNM=2-206	DS 11C	DISP				
DNM=2-236	01	Y2K-DFMT-PARAMETERS	BL=2	040	DNM=2-236	DS 0CL42	GROUP				
DNM=2-268	02	Y2K-DFMTP-DATEIN	BL=2	040	DNM=2-268	DS 8C	DISP				
DNM=2-297	02	Y2K-DFMTP-MAJOR	BL=2	048	DNM=2-297	DS 1C	DISP				
DNM=2-322	02	Y2K-DFMTP-MINOR	BL=2	049	DNM=2-322	DS 1C	DISP				
DNM=2-347	02	Y2K-DFMTP-RETURN-CODE	BL=2	04A	DNM=2-347	DS 1C	DISP-NM				
DNM=2-378	02	Y2K-DFMTP-OUTPUT-SIZE	BL=2	04B	DNM=2-378	DS 2C	DISP-NM				
DNM=2-409	02	Y2K-DFMTP-OUTPUT	BL=2	04D	DNM=2-409	DS 29C	DISP				
DNM=2-435	01	VSIO-PARAMETER-VALUES	BL=2	070	DNM=2-435	DS 0CL124	GROUP				
DNM=2-469	02	VSIO-OPEN	BL=2	070	DNM=2-469	DS 8C	DISP				
DNM=2-488	02	VSIO-CLOSE	BL=2	078	DNM=2-488	DS 8C	DISP				
DNM=3-000	02	VSIO-READ	BL=2	080	DNM=3-000	DS 8C	DISP				
DNM=3-022	02	VSIO-WRITE	BL=2	088	DNM=3-022	DS 8C	DISP				
DNM=3-042	02	VSIO-REWRITE	BL=2	090	DNM=3-042	DS 8C	DISP				
DNM=3-064	02	VSIO-DELETE	BL=2	098	DNM=3-064	DS 8C	DISP				
DNM=3-085	02	VSIO-START-KEY-EQUAL	BL=2	0A0	DNM=3-085	DS 8C	DISP				
DNM=3-118	02	VSIO-START-KEY-NOTLESS	BL=2	0A8	DNM=3-118	DS 8C	DISP				
DNM=3-153	02	VSIO-KSDS	BL=2	0B0	DNM=3-153	DS 4C	DISP				
DNM=3-172	02	VSIO-ESDS	BL=2	0B4	DNM=3-172	DS 4C	DISP				
DNM=3-191	02	VSIO-RRDS	BL=2	0B8	DNM=3-191	DS 4C	DISP				
DNM=3-210	02	VSIO-SEQUENTIAL	BL=2	0BC	DNM=3-210	DS 10C	DISP				
DNM=3-235	02	VSIO-DIRECT	BL=2	0C6	DNM=3-235	DS 10C	DISP				
DNM=3-256	02	VSIO-DYNAMIC	BL=2	0D0	DNM=3-256	DS 10C	DISP				
DNM=3-278	02	VSIO-INPUT	BL=2	0DA	DNM=3-278	DS 6C	DISP				
DNM=3-298	02	VSIO-OUTPUT	BL=2	0E0	DNM=3-298	DS 6C	DISP				
DNM=3-319	02	VSIO-INPUT-OUTPUT	BL=2	0E6	DNM=3-319	DS 6C	DISP				
DNM=3-346	01	VSIO-PARAMETER-BLOCK	BL=2	0F0	DNM=3-346	DS 0CL16	GROUP				
DNM=3-379	02	VSIO-COMMAND	BL=2	0F0	DNM=3-379	DS 8C	DISP				
DNM=3-401	02	VSIO-RETURN-CODE	BL=2	0F8	DNM=3-401	DS 2C	COMP				
DNM=3-430	88	VSIO-SUCCESS			DNM=3-430						
DNM=3-455	88	VSIO-LOGIC-ERROR			DNM=3-455						
DNM=4-000	88	VSIO-END-OF-FILE			DNM=4-000						
DNM=4-034	88	VSIO-PARAMETER-ERROR			DNM=4-034						
DNM=4-064	88	VSIO-COMMAND-UNKNOWN			DNM=4-064						
DNM=4-101	88	VSIO-DATASET-ALREADY-OPEN			DNM=4-101						
DNM=4-140	88	VSIO-DATASET-NOT-OPEN			DNM=4-140						
DNM=4-175	88	VSIO-ORGANIZATION-KEYWORD			DNM=4-175						
DNM=4-214	88	VSIO-ACCESS-KEYWORD			DNM=4-214						

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=4-247	88	VSIO-ACCESS-UNSUPPORTED			DNM=4-247						
DNM=4-284	88	VSIO-MODE-KEYWORD			DNM=4-284						
DNM=4-315	88	VSIO-MODE-UNSUPPORTED			DNM=4-315						
DNM=4-350	88	VSIO-DDNAME-BLANK			DNM=4-350						
DNM=4-381	02	VSIO-VSAM-RETURN-CODE	BL=2	0FA	DNM=4-381	DS 2C	COMP				
DNM=4-412	02	VSIO-VSAM-FUNCTION-CODE	BL=2	0FC	DNM=4-412	DS 2C	COMP				
DNM=4-445	02	VSIO-VSAM-FEEDBACK-CODE	BL=2	0FE	DNM=4-445	DS 2C	COMP				
DNM=5-000	88	VSIO-DUPLICATE-RECORD			DNM=5-000						
DNM=5-034	88	VSIO-SEQUENCE-ERROR			DNM=5-034						
DNM=5-070	88	VSIO-RECORD-NOT-FOUND			DNM=5-070						
DNM=5-105	88	VSIO-NO-MORE-SPACE			DNM=5-105						
DNM=5-137	88	VSIO-READ-WITHOUT-START			DNM=5-137						
DNM=5-174	01	SALESI	BL=2	100	DNM=5-174	DS 0CL196	GROUP				
DNM=5-193	02	VSIO-DDNAME	BL=2	100	DNM=5-193	DS 8C	DISP				
DNM=5-214	02	VSIO-ORGANIZATION	BL=2	108	DNM=5-214	DS 4C	DISP				
DNM=5-244	02	VSIO-ACCESS	BL=2	10C	DNM=5-244	DS 10C	DISP				
DNM=5-265	02	VSIO-MODE	BL=2	116	DNM=5-265	DS 6C	DISP				
DNM=5-284	02	VSIO-RECORD-LENGTH	BL=2	11C	DNM=5-284	DS 2C	COMP				
DNM=5-312	02	VSIO-KEY-ARGUMENT	BL=2	11E	DNM=5-312	DS 0CL4	GROUP				
DNM=5-342	03	VSIO-KEY-POSITION	BL=2	11E	DNM=5-342	DS 2C	COMP				
DNM=5-372	03	VSIO-KEY-LENGTH	BL=2	120	DNM=5-372	DS 2C	COMP				
DNM=5-397	02	VSIO-RELATIVE-RECORD	BL=2	11E	DNM=5-397	DS 4C	COMP	R			
DNM=5-427	02	FILLER	BL=2	122	DNM=5-427	DS 1C	DISP				
DNM=5-449	88	VSIO-FILE-OPEN			DNM=5-449						
DNM=5-474	88	VSIO-FILE-CLOSED			DNM=5-474						
DNM=6-000	02	FILLER	BL=2	123	DNM=6-000	DS 161C	DISP				
DNM=6-019	01	SALES-HISTORY-RECORD	BL=2	1C8	DNM=6-019	DS 0CL118	GROUP				
DNM=6-052	02	SHR-DATE	BL=2	1C8	DNM=6-052	DS 8C	DISP-NM				
DNM=6-070	02	FILLER	BL=2	1C8	DNM=6-070	DS 0CL8	GROUP	R			
DNM=6-092	03	SHR-YEAR-MONTH	BL=2	1C8	DNM=6-092	DS 6C	DISP-NM				
DNM=6-116	03	FILLER	BL=2	1C8	DNM=6-116	DS 0CL6	GROUP	R			
DNM=6-138	04	SHR-YEAR	BL=2	1C8	DNM=6-138	DS 4C	DISP-NM				
DNM=6-156	04	SHR-MONTH	BL=2	1CC	DNM=6-156	DS 2C	DISP-NM				
DNM=6-175	03	FILLER	BL=2	1CE	DNM=6-175	DS 2C	DISP-NM				
DNM=6-194	02	SHR-TYPE	BL=2	1D0	DNM=6-194	DS 3C	DISP-NM				
DNM=6-212	02	SHR-DESCRIPTION	BL=2	1D3	DNM=6-212	DS 40C	DISP				
DNM=6-237	02	SHR-GROSS	BL=2	1FB	DNM=6-237	DS 4P	COMP-3				
DNM=6-256	02	SHR-DISCOUNT	BL=2	1FF	DNM=6-256	DS 2C	DISP-NM				
DNM=6-278	02	SHR-NET	BL=2	201	DNM=6-278	DS 4P	COMP-3				
DNM=6-295	02	SHR-ALTSEQ-FIELD-1	BL=2	205	DNM=6-295	DS 0CL42	GROUP				
DNM=6-326	03	SHR-A1-CUSTOMER	BL=2	205	DNM=6-326	DS 35C	DISP				
DNM=6-351	03	SHR-A1-TYPE	BL=2	228	DNM=6-351	DS 3C	DISP-NM				
DNM=6-372	03	SHR-A1-RRN	BL=2	22B	DNM=6-372	DS 4C	COMP				
DNM=6-392	02	SHR-ALTSEQ-FIELD-2	BL=2	22F	DNM=6-392	DS 0CL15	GROUP				
DNM=6-423	03	SHR-A2-DATE	BL=2	22F	DNM=6-423	DS 8C	DISP-NM				
DNM=6-444	03	SHR-A2-TYPE	BL=2	237	DNM=6-444	DS 3C	DISP-NM				
DNM=6-468	03	SHR-A2-RRN	BL=2	23A	DNM=6-468	DS 4C	COMP				
DNM=7-000	01	TYPE-TABLE-DEFINE	BL=2	240	DNM=7-000	DS 0CL341	GROUP				
DNM=7-030	02	FILLER	BL=2	240	DNM=7-030	DS 31C	DISP				
DNM=7-049	02	FILLER	BL=2	25F	DNM=7-049	DS 31C	DISP				
DNM=7-068	02	FILLER	BL=2	27E	DNM=7-068	DS 31C	DISP				
DNM=7-087	02	FILLER	BL=2	29D	DNM=7-087	DS 31C	DISP				
DNM=7-106	02	FILLER	BL=2	2BC	DNM=7-106	DS 31C	DISP				
DNM=7-125	02	FILLER	BL=2	2DB	DNM=7-125	DS 31C	DISP				
DNM=7-144	02	FILLER	BL=2	2FA	DNM=7-144	DS 31C	DISP				

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=7-163	02	FILLER	BL=2	319	DNM=7-163	DS 31C	DISP				
DNM=7-182	02	FILLER	BL=2	338	DNM=7-182	DS 31C	DISP				
DNM=7-201	02	FILLER	BL=2	357	DNM=7-201	DS 31C	DISP				
DNM=7-220	02	FILLER	BL=2	376	DNM=7-220	DS 31C	DISP				
DNM=7-239	01	TYPE-TABLE	BL=2	240	DNM=7-239	DS 0CL341	GROUP	R			
DNM=7-265		TYPE-IX			DNM=7-265		INDEX-NM				
DNM=7-279	02	TYPE-TABLE-ENTRY	BL=2	240	DNM=7-279	DS 0CL31	GROUP		0		
DNM=7-311	03	TTE-CODE	BL=2	240	DNM=7-311	DS 3C	DISP-NM				
DNM=7-332	03	TTE-TEXT	BL=2	243	DNM=7-332	DS 28C	DISP				
DNM=7-353	01	TYPE-TEXT-TO-PRINT	BL=2	398	DNM=7-353	DS 0CL31	GROUP				
DNM=7-384	02	TTTP-CODE	BL=2	398	DNM=7-384	DS 3C	DISP-NM				
DNM=7-406	02	TTTP-TEXT	BL=2	39B	DNM=7-406	DS 0CL28	GROUP				
DNM=7-428	03	FILLER	BL=2	39B	DNM=7-428	DS 3C	DISP				
DNM=7-447	03	TTTP-TEXT-UNKNOWN	BL=2	39E	DNM=7-447	DS 25C	DISP				
DNM=7-474	01	COUNT-1	BL=2	3B8	DNM=7-474	DS 1C	DISP-NM				
DNM=8-000	01	PRINT-SWITCH	BL=2	3C0	DNM=8-000	DS 1C	DISP-NM				
DNM=8-022	RD	TYPE-SALES-REPORT			DNM=8-022						
DNM=8-051	01	CTL.LVL	BL=2	3C8	DNM=8-051	DS 2P	COMP-3				
DNM=8-068	01	TER.COD	BL=2	3D0	DNM=8-068	DS 1C	DISP				
DNM=8-085	01	FRS.GEN	BL=2	3D8	DNM=8-085	DS 1C	DISP				
DNM=8-102	01	LIN.SAV	BL=2	3E0	DNM=8-102	DS 2C	COMP				
DNM=8-119	01	FRS.GRP	BL=2	3E8	DNM=8-119	DS 1C	DISP				
DNM=8-136	01	ABS.LIN	BL=2	3F0	DNM=8-136	DS 2C	COMP				
DNM=8-153	01	LIN.NUM	BL=2	3F8	DNM=8-153	DS 2P	COMP-3				
DNM=8-170	77	-0002	BL=2	3FA	DNM=8-170	DS 28C	DISP				
DNM=8-185	77	-0003	BL=2	416	DNM=8-185	DS 28C	DISP				
DNM=8-203	77	-0004	BL=2	432	DNM=8-203	DS 6C	DISP-NM				
DNM=8-221	77	-0005	BL=2	438	DNM=8-221	DS 6C	DISP-NM				
DNM=8-236	01	LINE-COUNTER	BL=2	440	DNM=8-236	DS 3P	COMP-3				
DNM=8-258	01	PAGE-COUNTER	BL=2	448	DNM=8-258	DS 3P	COMP-3				
DNM=8-280	01	RPT.RCD	BL=2	450	DNM=8-280	DS 0CL133	GROUP				
DNM=8-300	02	CTL.CHR	BL=2	450	DNM=8-300	DS 1C	DISP				
DNM=8-317	02	RPT.LIN	BL=2	451	DNM=8-317	DS 132C	DISP				
DNM=8-337	02	E.0001	BL=2	451	DNM=8-337	DS 10C	DISP	R			
DNM=8-353	02	E.0002	BL=2	45F	DNM=8-353	DS 3C	DISP	R			
DNM=8-369	02	E.0003	BL=2	469	DNM=8-369	DS 9C	DISP	R			
DNM=8-385	02	E.0004	BL=2	474	DNM=8-385	DS 4C	DISP	R			
DNM=8-401	02	E.0005	BL=2	47A	DNM=8-401	DS 5C	DISP	R			
DNM=8-417	02	E.0006	BL=2	481	DNM=8-417	DS 7C	DISP	R			
DNM=8-433	02	E.0007	BL=2	499	DNM=8-433	DS 4C	DISP	R			
DNM=8-449	02	E.0008	BL=2	49E	DNM=8-449	DS 3C	NM-EDIT	R			
DNM=8-472	02	E.0009	BL=2	451	DNM=8-472	DS 11C	DISP	R			
DNM=8-488	02	E.0010	BL=2	470	DNM=8-488	DS 16C	DISP	R			
DNM=9-000	02	E.0011	BL=2	458	DNM=9-000	DS 28C	DISP	R			
DNM=9-016	02	E.0012	BL=2	451	DNM=9-016	DS 2C	DISP-NM	R			
DNM=9-032	02	E.0013	BL=2	455	DNM=9-032	DS 9C	NM-EDIT	R			
DNM=9-059	02	E.0014	BL=2	461	DNM=9-059	DS 4C	DISP-NM	R			
DNM=9-078	02	E.0015	BL=2	465	DNM=9-078	DS 1C	DISP	R			
DNM=9-097	02	E.0016	BL=2	466	DNM=9-097	DS 2C	DISP-NM	R			
DNM=9-116	02	E.0017	BL=2	46B	DNM=9-116	DS 5C	NM-EDIT	R			
DNM=9-146	02	E.0018	BL=2	470	DNM=9-146	DS 1C	DISP	R			
DNM=9-165	02	E.0019	BL=2	476	DNM=9-165	DS 10C	NM-EDIT	R			
DNM=9-198	02	E.0020	BL=2	480	DNM=9-198	DS 1C	DISP	R			
DNM=9-214	02	E.0021	BL=2	46B	DNM=9-214	DS 5C	NM-EDIT	R			
DNM=9-241	02	E.0022	BL=2	470	DNM=9-241	DS 1C	DISP	R			


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*STATISTICS*      SOURCE RECORDS =   371      DATA DIVISION STATEMENTS =   131      PROCEDURE DIVISION STATEMENTS =    53
*OPTIONS IN EFFECT*  SIZE = 2097152  BUF = 1048576  LINECNT = 57  SPACE1, FLAGW,   SEQ,   SOURCE
*OPTIONS IN EFFECT*      DMAP, NOPMAP, NOCLIST,   SUPMAP, NOXREF,   LOAD, NODECK, APOST, NOTRUNC,   LIB, NOVERB
*OPTIONS IN EFFECT*      ZWB
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CARD	ERROR MESSAGE
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240	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,XREF,LET
DEFAULT OPTION(S) USED - SIZE=(65536,38912)
IEW0000 NAME READ04V(R)

CROSS REFERENCE TABLE

CONTROL SECTION			ENTRY							
NAME	ORIGIN	LENGTH	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
READ04V	00	1AFC								
ILBODSP0*	1B00	700								
ILBOSPA0*	2200	2D8								
ILBOSTP0*	24D8	35								
			ILBOSTP1	24EE						
VSAMIO *	2510	D0A								
Y2KDFMT *	3220	60A								
Y2KDOWN *	3830	FB								
Y2KGT0A *	3930	2DF								
Y2KGETD *	3C10	201								
Y2KGT0J *	3E18	137								
Y2KJTOG *	3F50	1CD								
Y2KATOG *	4120	27A								
LOCATION	REFERS TO	SYMBOL	IN CONTROL SECTION		LOCATION	REFERS TO	SYMBOL	IN CONTROL SECTION		
940		ILBOSTP0	ILBOSTP0		944		ILBOSPA0	ILBOSPA0		
948		Y2KGETD	Y2KGETD		94C		Y2KDFMT	Y2KDFMT		
950		VSAMIO	VSAMIO		954		ILBODSP0	ILBODSP0		
958		ILBOSTP1	ILBOSTP0		3808		Y2KDOWN	Y2KDOWN		
3910		Y2KGT0A	Y2KGT0A		3DE0		Y2KJTOG	Y2KJTOG		
3DE4		Y2KGT0J	Y2KGT0J		3DE8		Y2KGT0A	Y2KGT0A		
3F30		Y2KGT0A	Y2KGT0A		40F0		Y2KGT0A	Y2KGT0A		
40F4		Y2KATOG	Y2KATOG							
ENTRY ADDRESS		00								
TOTAL LENGTH		43A0								
****READ04V DOES NOT EXIST BUT HAS BEEN ADDED TO DATA SET										
AUTHORIZATION CODE IS		0.								