

J E S 2 J O B L O G

13.30.07 JOB 172 \$HASP373 READ03VC STARTED - INIT 1 - CLASS A - SYS HMVS
13.30.07 JOB 172 IEF403I READ03VC - STARTED - TIME=13.30.07
13.30.07 JOB 172 IEC130I SYSPUNCH DD STATEMENT MISSING
13.30.07 JOB 172 IEC130I SYSPUNCH DD STATEMENT MISSING
13.30.07 JOB 172 IEFACTRT COB /IKFCBL00/00:00:00.06/00:00:00.11/00004/READ03VC
13.30.07 JOB 172 IEFACTRT LKED /IEWL /00:00:00.02/00:00:00.04/00000/READ03VC
13.30.07 JOB 172 IEF404I READ03VC - ENDED - TIME=13.30.07
13.30.07 JOB 172 \$HASP395 READ03VC ENDED

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

06 AUG 25 JOB EXECUTION DATE

9 CARDS READ

770 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1

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00001 IDENTIFICATION DIVISION.
00002 PROGRAM-ID. READ03V.
00003 DATE-WRITTEN. AUGUST, 2025.
00004 DATE-COMPILED. AUG 6, 2025.
00005 REMARKS. READ SALES HISTORY VIA AIX1 (CUSTOMER/TYPE),
00006 PRODUCE SALES HISTORY REPORT SUMMARIZED BY
00007 CUSTOMER, TYPE, AND YEAR OF SALE.
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 CUSTOMER-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 Y2K-GETD-PARAMETERS.
00030 02 Y2K-GETDP-DATE-G PIC 9(8).
00031 02 Y2K-GETDP-DATE-J PIC 9(7).
00032 02 Y2K-GETDP-ANUM PIC S9(7).
00033 02 Y2K-GETDP-CLOCK PIC 9(8).
00034 02 FILLER REDEFINES Y2K-GETDP-CLOCK.
00035 03 Y2K-GETDP-CLOCK-HH PIC 9(2).
00036 03 Y2K-GETDP-CLOCK-MM PIC 9(2).
00037 03 Y2K-GETDP-CLOCK-SS PIC 9(2).
00038 03 Y2K-GETDP-CLOCK-T PIC 9(1).
00039 03 Y2K-GETDP-CLOCK-H PIC 9(1).
00040 02 Y2K-GETDP-CLOCK12 PIC X(11).
00041
00042 01 Y2K-DFMT-PARAMETERS.
00043 02 Y2K-DFMTP-DATEIN PIC X(8).
00044 02 Y2K-DFMTP-MAJOR PIC X(1).
00045 02 Y2K-DFMTP-MINOR PIC X(1).
00046 02 Y2K-DFMTP-RETURN-CODE PIC 9(1).
00047 02 Y2K-DFMTP-OUTPUT-SIZE PIC S9(2).
00048 02 Y2K-DFMTP-OUTPUT PIC X(29).
00049
00050 01 VSIO-PARAMETER-VALUES COPY VSAMIO.
00051 C 000100* ***** *06980000
00052 C 000200* *06990000
00053 C 000300* VV VV SSSSS A M M IIII 00000 *07000000
00054 C 000400* VV VV SS SS AAA MM MM II 00 00 *07010000
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00055 C 000500*      VV  VV SS      AA AA  MMM MMM  II   00  00      *07020000
00056 C 000600*      VV  VV SSSSS  AA  AA  MMMMMMM  II   00  00      *07030000
00057 C 000700*      VV  VV      SS AA  AA  MM M MM  II   00  00      *07040000
00058 C 000800*      VV VV  SS  SS  AAAAAA MM  MM  II   00  00      *07050000
00059 C 000900*      VVV  SS  SS  AA  AA  MM  MM  II   00  00      *07060000
00060 C 001000*      V    SSSSS  AA  AA  MM  MM  IIII   00000      *07070000
00061 C 001100*      *07080000
00062 C 001200* ***** *07090000
00063 C 001300*      *07100000
00064 C 001400* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *07110000
00065 C 001500* ACCESS ROUTINE. *07120000
00066 C 001600*      *07130000
00067 C 001700* THE VSIO-PARAMETER-VALUES SUPPLY THE VALUES USED TO MOVE INTO *07140000
00068 C 001800* PARAMETER ENTRIES TO TAILOR THE ROUTINE TO A SPECIFIC DATASET *07150000
00069 C 001900* AND TO PROVIDE COMMANDS TO DRIVE THE ROUTINE. *07160000
00070 C 002000* ***** *07170000
00071 C 002100 01  VSIO-PARAMETER-VALUES. 07180000
00072 C 002200      02  VSIO-OPEN          PIC X(08)  VALUE 'OPEN      ' . 07190000
00073 C 002300      02  VSIO-CLOSE          PIC X(08)  VALUE 'CLOSE     ' . 07200000
00074 C 002400      02  VSIO-READ           PIC X(08)  VALUE 'READ      ' . 07210000
00075 C 002500      02  VSIO-WRITE          PIC X(08)  VALUE 'WRITE     ' . 07220000
00076 C 002600      02  VSIO-REWRITE        PIC X(08)  VALUE 'REWRITE   ' . 07230000
00077 C 002700      02  VSIO-DELETE         PIC X(08)  VALUE 'DELETE    ' . 07240000
00078 C 002800      02  VSIO-START-KEY-EQUAL PIC X(08)  VALUE 'STARTEQ   ' . 07250000
00079 C 002900      02  VSIO-START-KEY-NOTLESS PIC X(08)  VALUE 'STARTGE   ' . 07260000
00080 C 003000      02  VSIO-KSDS           PIC X(04)  VALUE 'KSDS' . 07270000
00081 C 003100      02  VSIO-ESDS           PIC X(04)  VALUE 'ESDS' . 07280000
00082 C 003200      02  VSIO-RRDS           PIC X(04)  VALUE 'RRDS' . 07290000
00083 C 003300      02  VSIO-SEQUENTIAL     PIC X(10)  VALUE 'SEQUENTIAL' . 07300000
00084 C 003400      02  VSIO-DIRECT         PIC X(10)  VALUE 'DIRECT     ' . 07310000
00085 C 003500      02  VSIO-DYNAMIC        PIC X(10)  VALUE 'DYNAMIC    ' . 07320000
00086 C 003600      02  VSIO-INPUT          PIC X(06)  VALUE 'INPUT     ' . 07330000
00087 C 003700      02  VSIO-OUTPUT         PIC X(06)  VALUE 'OUTPUT    ' . 07340000
00088 C 003800      02  VSIO-INPUT-OUTPUT   PIC X(06)  VALUE 'UPDATE' . 07350000
00089 C 003900      07360000
00090 C 004000* ***** *07370000
00091 C 004100* THE VSIO-PARAMETER-BLOCK IS THE COMMUNICATION INTERFACE TO *07380000
00092 C 004200* THE ROUTINE. *07390000
00093 C 004300* ***** *07400000
00094 C 004400 01  VSIO-PARAMETER-BLOCK. 07410000
00095 C 004500      02  VSIO-COMMAND          PIC X(08) . 07420000
00096 C 004600      02  VSIO-RETURN-CODE      PIC S9(04)  COMP. 07430000
00097 C 004700      88  VSIO-SUCCESS          VALUE +0 . 07440000
00098 C 004800      88  VSIO-LOGIC-ERROR      VALUE +8 . 07450000
00099 C 004900      88  VSIO-END-OF-FILE      VALUE +9999 . 07460000
00100 C 005000      88  VSIO-PARAMETER-ERROR  VALUE +20 THRU +28 . 07470000
00101 C 005100      88  VSIO-COMMAND-UNKNOWN  VALUE +20 . 07480000
00102 C 005200      88  VSIO-DATASET-ALREADY-OPEN VALUE +21 . 07490000
00103 C 005300      88  VSIO-DATASET-NOT-OPEN  VALUE +22 . 07500000
00104 C 005400      88  VSIO-ORGANIZATION-KEYWORD VALUE +23 . 07510000
00105 C 005500      88  VSIO-ACCESS-KEYWORD   VALUE +24 . 07520000
00106 C 005600      88  VSIO-ACCESS-UNSUPPORTED VALUE +25 . 07530000
00107 C 005700      88  VSIO-MODE-KEYWORD     VALUE +26 . 07540000
00108 C 005800      88  VSIO-MODE-UNSUPPORTED VALUE +27 . 07550000
00109 C 005900      88  VSIO-DDNAME-BLANK     VALUE +28 . 07560000
00110 C 006000      02  VSIO-VSAM-RETURN-CODE  PIC S9(04)  COMP. 07570000
00111 C 006100      02  VSIO-VSAM-FUNCTION-CODE PIC S9(04)  COMP. 07580000

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00112 C 006200      02  VSIO-VSAM-FEEDBACK-CODE PIC S9(04)  COMP.          07590000
00113 C 006300      88  VSIO-DUPLICATE-RECORD          VALUE +8.          07600000
00114 C 006400      88  VSIO-SEQUENCE-ERROR            VALUE +12.         07610000
00115 C 006500      88  VSIO-RECORD-NOT-FOUND          VALUE +16.         07620000
00116 C 006600      88  VSIO-NO-MORE-SPACE              VALUE +28.         07630000
00117 C 006700      88  VSIO-READ-WITHOUT-START        VALUE +88.         07640000
00118 C 006800* *****
00119 C 006900*                END OF VSAMIO COPY BOOK                *07660000
00120 C 007000* *****
00121      01  SALESI                                COPY VSAMIOFB.
00122 C 000100* *****
00123 C 000200* *****
00124 C 000300*  VV  VV  SSSSS  A  M  M  IIII  00000  FFFFFFFF  BBBBBB  *00000300
00125 C 000400*  VV  VV  SS  SS  AAA  MM  MM  II  00  00  FF  BB  BB  *00000400
00126 C 000500*  VV  VV  SS  AA  AA  MMM  MMM  II  00  00  FF  BB  BB  *00000500
00127 C 000600*  VV  VV  SSSSS  AA  AA  MMMMMMMM  II  00  00  FFFFF  BBBBBB  *00000600
00128 C 000700*  VV  VV  SS  SS  AA  AA  MM  M  MM  II  00  00  FF  BB  BB  *00000700
00129 C 000800*  VV  VV  SS  SS  AAAAAA  MM  MM  II  00  00  FF  BB  BB  *00000800
00130 C 000900*  VVV  SS  SS  AA  AA  MM  MM  II  00  00  FF  BB  BB  *00000900
00131 C 001000*  V  SSSSS  AA  AA  MM  MM  IIII  00000  FF  BBBBBB  *00001000
00132 C 001100* *****
00133 C 001200* *****
00134 C 001300*  THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET  *00001300
00135 C 001400*  ACCESS ROUTINE, AND ARE USED TO COMMUNICATE CHARACTERISTICS  *00001400
00136 C 001500*  FOR A SINGLE VSAM DATASET.  *00001500
00137 C 001600* *****
00138 C 001700*  WITH THE 2 EXCEPTIONS FOR RECORD LENGTH (TO ACCOMODATE  *00001700
00139 C 001800*  VARIABLE LENGTH RECORDS) AND RELATIVE RECORD (TO ACCOMODATE  *00001800
00140 C 001900*  RELATIVE RECORD DATASETS) THESE DATA NAMES MUST BE POPULATED  *00001900
00141 C 002000*  PRIOR TO CALLING THE ROUTINE TO OPEN THE DATASET AND MUST NOT  *00002000
00142 C 002100*  THEN BE CHANGED UNTIL THE DATASET HAS BEEN CLOSED.  *00002100
00143 C 002200* *****
00144 C 002300 01  SALESI.
00145 C 002400      02  VSIO-DDNAME          PIC  X(08)  VALUE SPACES.  00002400
00146 C 002500      02  VSIO-ORGANIZATION    PIC  X(04)  VALUE SPACES.  00002500
00147 C 002600      02  VSIO-ACCESS          PIC  X(10)  VALUE SPACES.  00002600
00148 C 002700      02  VSIO-MODE            PIC  X(06)  VALUE SPACES.  00002700
00149 C 002800      02  VSIO-RECORD-LENGTH    PIC  S9(04)  COMP VALUE +0.  00002800
00150 C 002900      02  VSIO-KEY-ARGUMENT.    00002900
00151 C 003000      03  VSIO-KEY-POSITION    PIC  S9(04)  COMP VALUE +0.  00003000
00152 C 003100      03  VSIO-KEY-LENGTH      PIC  S9(04)  COMP VALUE +0.  00003100
00153 C 003200      02  VSIO-RELATIVE-RECORD  REDEFINES VSIO-KEY-ARGUMENT  00003200
00154 C 003300      PIC  S9(08)  COMP.  00003300
00155 C 003400      02  FILLER                PIC  X(01)  VALUE 'C'.  00003400
00156 C 003500      88  VSIO-FILE-OPEN          VALUE 'O'.  00003500
00157 C 003600      88  VSIO-FILE-CLOSED        VALUE 'C'.  00003600
00158 C 003700      02  FILLER                PIC  X(161).  00003700
00159 C 003800* *****
00160 C 003900*                END OF VSAMIOFB COPY BOOK                *00003900
00161 C 004000* *****
00162      01  SALES-HISTORY-RECORD.
00163      02  SHR-DATE          PIC  9(08).
00164      02  FILLER          REDEFINES SHR-DATE.
00165      03  SHR-YEAR          PIC  9(04).
00166      03  FILLER          PIC  9(04).
00167      02  SHR-TYPE          PIC  9(03).
00168      02  SHR-DESCRIPTION    PIC  X(40).

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00169      02  SHR-GROSS          PIC S9(5)V99 COMP-3.
00170      02  SHR-DISCOUNT       PIC V99.
00171      02  SHR-NET           PIC S9(5)V99 COMP-3.
00172      02  SHR-ALTSEQ-FIELD-1.
00173          03  SHR-A1-CUSTOMER PIC X(35).
00174          03  SHR-A1-TYPE     PIC 9(03).
00175          03  SHR-A1-RRN      PIC S9(8) COMP.
00176      02  SHR-ALTSEQ-FIELD-2.
00177          03  SHR-A2-DATE     PIC 9(08).
00178          03  SHR-A2-TYPE     PIC 9(03).
00179          03  SHR-A2-RRN      PIC S9(8) COMP.
00180
00181      01  TYPE-TABLE-DEFINE.
00182          02  FILLER           PIC X(31) VALUE
00183              '101Books'.
00184          02  FILLER           PIC X(31) VALUE
00185              '102Jacket Covers'.
00186          02  FILLER           PIC X(31) VALUE
00187              '103Gift Certificate (purchased)'.
00188          02  FILLER           PIC X(31) VALUE
00189              '104Diskettes'.
00190          02  FILLER           PIC X(31) VALUE
00191              '105Out-of-print search'.
00192          02  FILLER           PIC X(31) VALUE
00193              '106Postage'.
00194          02  FILLER           PIC X(31) VALUE
00195              '107Miscellaneous'.
00196          02  FILLER           PIC X(31) VALUE
00197              '108Post cards (political)'.
00198          02  FILLER           PIC X(31) VALUE
00199              '109Post cards (general)'.
00200          02  FILLER           PIC X(31) VALUE
00201              '110Deposit on special order'.
00202          02  FILLER           PIC X(31) VALUE
00203              '111Buttons'.
00204      01  TYPE-TABLE          REDEFINES TYPE-TABLE-DEFINE.
00205          02  TYPE-TABLE-ENTRY OCCURS 11 TIMES
00206              ASCENDING KEY IS TTE-CODE
00207              INDEXED BY TYPE-IX.
00208              03  TTE-CODE     PIC 9(03).
00209              03  TTE-TEXT     PIC X(28).
00210
00211      01  TYPE-TEXT-TO-PRINT.
00212          02  TTTP-CODE        PIC 9(03) VALUE 0.
00213          02  TTTP-TEXT.
00214              03  FILLER      PIC X(03).
00215              03  TTTP-TEXT-UNKNOWN PIC X(25).
00216
00217      01  COUNT-1             PIC 9(01) VALUE 1.
00218
00219      REPORT SECTION.
00220      RD  CUSTOMER-SALES-REPORT
00221          CONTROLS ARE SHR-A1-CUSTOMER, TTTP-TEXT, SHR-YEAR
00222          PAGE LIMIT IS 66 LINES
00223          HEADING 2
00224          FIRST DETAIL 5
00225          LAST DETAIL 58.

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00226
00227      01  PAGE-HEAD TYPE PAGE HEADING.
00228      02  LINE 2.
00229          03  COLUMN 01  PIC X(10) SOURCE Y2K-DFMTP-OUTPUT.
00230          03  COLUMN 15  PIC X(03) VALUE '(V)'.
00231          03  COLUMN 25  PIC X(09) VALUE 'Discovery'.
00232          03  COLUMN 36  PIC X(04) VALUE 'Nook'.
00233          03  COLUMN 42  PIC X(05) VALUE 'Sales'.
00234          03  COLUMN 49  PIC X(07) VALUE 'History'.
00235          03  COLUMN 73  PIC X(04) VALUE 'Page'.
00236          03  COLUMN 78  PIC ZZ9  SOURCE PAGE-COUNTER.
00237      02  LINE 3.
00238          03  COLUMN 01  PIC X(11) SOURCE Y2K-GETDP-CLOCK12.
00239          03  COLUMN 23  PIC X(12) VALUE 'By Customer, '.
00240          03  COLUMN 36  PIC X(14) VALUE 'Type, and Year'.
00241
00242      01  CUSTOMER-HEAD TYPE CONTROL HEADING SHR-A1-CUSTOMER.
00243      02  LINE PLUS 1.
00244          03  COLUMN 05  PIC X(35) SOURCE SHR-A1-CUSTOMER.
00245      02  LINE PLUS 1.
00246
00247      01  TYPE-HEAD TYPE CONTROL HEADING TTTP-TEXT.
00248      02  LINE PLUS 1.
00249          03  COLUMN 08  PIC X(28) SOURCE TTTP-TEXT.
00250
00251      01  SALE-DETAIL TYPE IS DETAIL.
00252      02  LINE PLUS 1.
00253          03  COLUMN 01  PIC 9(02)  SOURCE COUNT-1.
00254          03  COLUMN 05  PIC 99999.99- SOURCE SHR-NET.
00255
00256      01  YEAR-FOOT TYPE IS CONTROL FOOTING SHR-YEAR.
00257      02  LINE PLUS 1.
00258          03  COLUMN 20  PIC 9(04) SOURCE SHR-YEAR.
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      01  CUSTOMER-FOOT TYPE CONTROL FOOTING SHR-A1-CUSTOMER.
00272      02  LINE PLUS 2.
00273          03  COLUMN 05  PIC X(18) VALUE 'Total for Customer'.
00274          03  COLUMN 26  PIC ZZ,ZZ9 SUM COUNT-1.
00275          03  COLUMN 32  PIC X(03) VALUE '***'.
00276          03  COLUMN 38  PIC $ZZ,ZZ9.99 SUM SHR-NET.
00277          03  COLUMN 48  PIC X(03) VALUE '***'.
00278      02  LINE PLUS 1.
00279
00280  PROCEDURE DIVISION.
00281
00282  0000-MAIN SECTION.

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00283
00284      0000-HOUSEKEEPING.
00285
00286      CALL 'Y2KGETD' USING Y2K-GETD-PARAMETERS.
00287      MOVE Y2K-GETDP-DATE-G TO Y2K-DFMTP-DATEIN.
00288      MOVE '1' TO Y2K-DFMTP-MAJOR.
00289      MOVE '3' TO Y2K-DFMTP-MINOR.
00290      CALL 'Y2KDFMT' USING Y2K-DFMT-PARAMETERS.
00291
00292      0100-PRODUCE-REPORT.
00293
00294      MOVE 'SALESI ' TO VSIO-DDNAME.
00295      MOVE VSIO-KSDS TO VSIO-ORGANIZATION.
00296      MOVE VSIO-SEQUENTIAL TO VSIO-ACCESS.
00297      MOVE VSIO-INPUT TO VSIO-MODE.
00298      MOVE +118 TO VSIO-RECORD-LENGTH.
00299      MOVE VSIO-OPEN TO VSIO-COMMAND.
00300      CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, SALESI,
00301                          SALES-HISTORY-RECORD.
00302      IF NOT VSIO-SUCCESS
00303          DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00304                  VSIO-COMMAND
00305          EXHIBIT NAMED VSIO-RETURN-CODE,
00306          EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00307                      VSIO-VSAM-FUNCTION-CODE,
00308                      VSIO-VSAM-FEEDBACK-CODE
00309          MOVE +12 TO RETURN-CODE
00310          STOP RUN.
00311
00312      OPEN OUTPUT REPORT-FILE.
00313      INITIATE CUSTOMER-SALES-REPORT.
00314
00315      PERFORM 1100-READ-SALES-HISTORY
00316              THRU 1199-EXIT
00317              UNTIL SALES-HISTORY-EOF.
00318
00319      MOVE VSIO-CLOSE TO VSIO-COMMAND.
00320      CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, SALESI,
00321                          SALES-HISTORY-RECORD.
00322      IF NOT VSIO-SUCCESS
00323          DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00324                  VSIO-COMMAND
00325          EXHIBIT NAMED VSIO-RETURN-CODE,
00326          EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00327                      VSIO-VSAM-FUNCTION-CODE,
00328                      VSIO-VSAM-FEEDBACK-CODE
00329          MOVE +12 TO RETURN-CODE.
00330
00331      TERMINATE CUSTOMER-SALES-REPORT.
00332      CLOSE REPORT-FILE.
00333
00334      GOBACK.
00335
00336      1000-LEVEL-1-ROUTINES SECTION.
00337
00338      1100-READ-SALES-HISTORY.
00339
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00340      MOVE VSIO-READ TO VSIO-COMMAND.
00341      CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, SALESI,
00342                      SALES-HISTORY-RECORD.
00343      IF NOT VSIO-SUCCESS
00344          IF VSIO-END-OF-FILE
00345              MOVE 'Y' TO SALES-HISTORY-EOF-SW
00346          ELSE
00347              DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00348                      VSIO-COMMAND
00349              EXHIBIT NAMED VSIO-RETURN-CODE,
00350              EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00351                      VSIO-VSAM-FUNCTION-CODE,
00352                      VSIO-VSAM-FEEDBACK-CODE
00353              MOVE +12 TO RETURN-CODE
00354              MOVE 'Y' TO SALES-HISTORY-EOF-SW.
00355
00356      IF SALES-HISTORY-NOT-EOF
00357          PERFORM 2100-PRODUCE-REPORT
00358              THRU 2199-EXIT.
00359
00360      1199-EXIT.
00361      EXIT.
00362
00363      2000-LEVEL-2-ROUTINES SECTION.
00364
00365      2100-PRODUCE-REPORT.
00366
00367          IF TTTP-CODE NOT = SHR-A1-TYPE
00368              MOVE SHR-A1-TYPE TO TTTP-CODE, TTTP-TEXT
00369              SET TYPE-IX TO +1
00370              SEARCH TYPE-TABLE-ENTRY
00371                  AT END
00372                      MOVE '  ** Unknown **' TO TTTP-TEXT-UNKNOWN
00373                      WHEN TTE-CODE (TYPE-IX) = TTTP-CODE
00374                          MOVE TTE-TEXT (TYPE-IX) TO TTTP-TEXT.
00375
00376      GENERATE CUSTOMER-SALES-REPORT.
00377
00378      2199-EXIT.
00379      EXIT.
00380
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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	Y2K-GETD-PARAMETERS	BL=2	008	DNM=1-395	DS 0CL41	GROUP				
DNM=1-427	02	Y2K-GETDP-DATE-G	BL=2	008	DNM=1-427	DS 8C	DISP-NM				
DNM=1-453	02	Y2K-GETDP-DATE-J	BL=2	010	DNM=1-453	DS 7C	DISP-NM				
DNM=1-479	02	Y2K-GETDP-ANUM	BL=2	017	DNM=1-479	DS 7C	DISP-NM				
DNM=2-000	02	Y2K-GETDP-CLOCK	BL=2	01E	DNM=2-000	DS 8C	DISP-NM				
DNM=2-025	02	FILLER	BL=2	01E	DNM=2-025	DS 0CL8	GROUP	R			
DNM=2-044	03	Y2K-GETDP-CLOCK-HH	BL=2	01E	DNM=2-044	DS 2C	DISP-NM				
DNM=2-072	03	Y2K-GETDP-CLOCK-MM	BL=2	020	DNM=2-072	DS 2C	DISP-NM				
DNM=2-100	03	Y2K-GETDP-CLOCK-SS	BL=2	022	DNM=2-100	DS 2C	DISP-NM				
DNM=2-128	03	Y2K-GETDP-CLOCK-T	BL=2	024	DNM=2-128	DS 1C	DISP-NM				
DNM=2-155	03	Y2K-GETDP-CLOCK-H	BL=2	025	DNM=2-155	DS 1C	DISP-NM				
DNM=2-182	02	Y2K-GETDP-CLOCK12	BL=2	026	DNM=2-182	DS 11C	DISP				
DNM=2-212	01	Y2K-DFMT-PARAMETERS	BL=2	038	DNM=2-212	DS 0CL42	GROUP				
DNM=2-244	02	Y2K-DFMTP-DATEIN	BL=2	038	DNM=2-244	DS 8C	DISP				
DNM=2-273	02	Y2K-DFMTP-MAJOR	BL=2	040	DNM=2-273	DS 1C	DISP				
DNM=2-298	02	Y2K-DFMTP-MINOR	BL=2	041	DNM=2-298	DS 1C	DISP				
DNM=2-323	02	Y2K-DFMTP-RETURN-CODE	BL=2	042	DNM=2-323	DS 1C	DISP-NM				
DNM=2-354	02	Y2K-DFMTP-OUTPUT-SIZE	BL=2	043	DNM=2-354	DS 2C	DISP-NM				
DNM=2-385	02	Y2K-DFMTP-OUTPUT	BL=2	045	DNM=2-385	DS 29C	DISP				
DNM=2-411	01	VSIO-PARAMETER-VALUES	BL=2	068	DNM=2-411	DS 0CL124	GROUP				
DNM=2-445	02	VSIO-OPEN	BL=2	068	DNM=2-445	DS 8C	DISP				
DNM=2-464	02	VSIO-CLOSE	BL=2	070	DNM=2-464	DS 8C	DISP				
DNM=2-484	02	VSIO-READ	BL=2	078	DNM=2-484	DS 8C	DISP				
DNM=3-000	02	VSIO-WRITE	BL=2	080	DNM=3-000	DS 8C	DISP				
DNM=3-020	02	VSIO-REWRITE	BL=2	088	DNM=3-020	DS 8C	DISP				
DNM=3-042	02	VSIO-DELETE	BL=2	090	DNM=3-042	DS 8C	DISP				
DNM=3-063	02	VSIO-START-KEY-EQUAL	BL=2	098	DNM=3-063	DS 8C	DISP				
DNM=3-096	02	VSIO-START-KEY-NOTLESS	BL=2	0A0	DNM=3-096	DS 8C	DISP				
DNM=3-131	02	VSIO-KSDS	BL=2	0A8	DNM=3-131	DS 4C	DISP				
DNM=3-150	02	VSIO-ESDS	BL=2	0AC	DNM=3-150	DS 4C	DISP				
DNM=3-169	02	VSIO-RRDS	BL=2	0B0	DNM=3-169	DS 4C	DISP				
DNM=3-188	02	VSIO-SEQUENTIAL	BL=2	0B4	DNM=3-188	DS 10C	DISP				
DNM=3-213	02	VSIO-DIRECT	BL=2	0BE	DNM=3-213	DS 10C	DISP				
DNM=3-234	02	VSIO-DYNAMIC	BL=2	0C8	DNM=3-234	DS 10C	DISP				
DNM=3-256	02	VSIO-INPUT	BL=2	0D2	DNM=3-256	DS 6C	DISP				
DNM=3-276	02	VSIO-OUTPUT	BL=2	0D8	DNM=3-276	DS 6C	DISP				
DNM=3-297	02	VSIO-INPUT-OUTPUT	BL=2	0DE	DNM=3-297	DS 6C	DISP				
DNM=3-324	01	VSIO-PARAMETER-BLOCK	BL=2	0E8	DNM=3-324	DS 0CL16	GROUP				
DNM=3-357	02	VSIO-COMMAND	BL=2	0E8	DNM=3-357	DS 8C	DISP				
DNM=3-379	02	VSIO-RETURN-CODE	BL=2	0F0	DNM=3-379	DS 2C	COMP				
DNM=3-408	88	VSIO-SUCCESS			DNM=3-408						
DNM=3-433	88	VSIO-LOGIC-ERROR			DNM=3-433						
DNM=3-462	88	VSIO-END-OF-FILE			DNM=3-462						
DNM=4-000	88	VSIO-PARAMETER-ERROR			DNM=4-000						
DNM=4-030	88	VSIO-COMMAND-UNKNOWN			DNM=4-030						
DNM=4-067	88	VSIO-DATASET-ALREADY-OPEN			DNM=4-067						
DNM=4-106	88	VSIO-DATASET-NOT-OPEN			DNM=4-106						
DNM=4-141	88	VSIO-ORGANIZATION-KEYWORD			DNM=4-141						
DNM=4-180	88	VSIO-ACCESS-KEYWORD			DNM=4-180						
DNM=4-213	88	VSIO-ACCESS-UNSUPPORTED			DNM=4-213						

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=4-250	88	VSIO-MODE-KEYWORD			DNM=4-250						
DNM=4-281	88	VSIO-MODE-UNSUPPORTED			DNM=4-281						
DNM=4-316	88	VSIO-DDNAME-BLANK			DNM=4-316						
DNM=4-347	02	VSIO-VSAM-RETURN-CODE	BL=2	0F2	DNM=4-347	DS 2C	COMP				
DNM=4-378	02	VSIO-VSAM-FUNCTION-CODE	BL=2	0F4	DNM=4-378	DS 2C	COMP				
DNM=4-411	02	VSIO-VSAM-FEEDBACK-CODE	BL=2	0F6	DNM=4-411	DS 2C	COMP				
DNM=4-447	88	VSIO-DUPLICATE-RECORD			DNM=4-447						
DNM=5-000	88	VSIO-SEQUENCE-ERROR			DNM=5-000						
DNM=5-036	88	VSIO-RECORD-NOT-FOUND			DNM=5-036						
DNM=5-071	88	VSIO-NO-MORE-SPACE			DNM=5-071						
DNM=5-103	88	VSIO-READ-WITHOUT-START			DNM=5-103						
DNM=5-140	01	SALESI	BL=2	0F8	DNM=5-140	DS 0CL196	GROUP				
DNM=5-159	02	VSIO-DDNAME	BL=2	0F8	DNM=5-159	DS 8C	DISP				
DNM=5-180	02	VSIO-ORGANIZATION	BL=2	100	DNM=5-180	DS 4C	DISP				
DNM=5-210	02	VSIO-ACCESS	BL=2	104	DNM=5-210	DS 10C	DISP				
DNM=5-231	02	VSIO-MODE	BL=2	10E	DNM=5-231	DS 6C	DISP				
DNM=5-250	02	VSIO-RECORD-LENGTH	BL=2	114	DNM=5-250	DS 2C	COMP				
DNM=5-278	02	VSIO-KEY-ARGUMENT	BL=2	116	DNM=5-278	DS 0CL4	GROUP				
DNM=5-308	03	VSIO-KEY-POSITION	BL=2	116	DNM=5-308	DS 2C	COMP				
DNM=5-338	03	VSIO-KEY-LENGTH	BL=2	118	DNM=5-338	DS 2C	COMP				
DNM=5-363	02	VSIO-RELATIVE-RECORD	BL=2	116	DNM=5-363	DS 4C	COMP	R			
DNM=5-393	02	FILLER	BL=2	11A	DNM=5-393	DS 1C	DISP				
DNM=5-415	88	VSIO-FILE-OPEN			DNM=5-415						
DNM=5-440	88	VSIO-FILE-CLOSED			DNM=5-440						
DNM=5-467	02	FILLER	BL=2	11B	DNM=5-467	DS 161C	DISP				
DNM=6-000	01	SALES-HISTORY-RECORD	BL=2	1C0	DNM=6-000	DS 0CL118	GROUP				
DNM=6-033	02	SHR-DATE	BL=2	1C0	DNM=6-033	DS 8C	DISP-NM				
DNM=6-051	02	FILLER	BL=2	1C0	DNM=6-051	DS 0CL8	GROUP	R			
DNM=6-073	03	SHR-YEAR	BL=2	1C0	DNM=6-073	DS 4C	DISP-NM				
DNM=6-091	03	FILLER	BL=2	1C4	DNM=6-091	DS 4C	DISP-NM				
DNM=6-110	02	SHR-TYPE	BL=2	1C8	DNM=6-110	DS 3C	DISP-NM				
DNM=6-128	02	SHR-DESCRIPTION	BL=2	1CB	DNM=6-128	DS 40C	DISP				
DNM=6-153	02	SHR-GROSS	BL=2	1F3	DNM=6-153	DS 4P	COMP-3				
DNM=6-172	02	SHR-DISCOUNT	BL=2	1F7	DNM=6-172	DS 2C	DISP-NM				
DNM=6-194	02	SHR-NET	BL=2	1F9	DNM=6-194	DS 4P	COMP-3				
DNM=6-211	02	SHR-ALTSEQ-FIELD-1	BL=2	1FD	DNM=6-211	DS 0CL42	GROUP				
DNM=6-242	03	SHR-A1-CUSTOMER	BL=2	1FD	DNM=6-242	DS 35C	DISP				
DNM=6-267	03	SHR-A1-TYPE	BL=2	220	DNM=6-267	DS 3C	DISP-NM				
DNM=6-288	03	SHR-A1-RRN	BL=2	223	DNM=6-288	DS 4C	COMP				
DNM=6-308	02	SHR-ALTSEQ-FIELD-2	BL=2	227	DNM=6-308	DS 0CL15	GROUP				
DNM=6-339	03	SHR-A2-DATE	BL=2	227	DNM=6-339	DS 8C	DISP-NM				
DNM=6-360	03	SHR-A2-TYPE	BL=2	22F	DNM=6-360	DS 3C	DISP-NM				
DNM=6-384	03	SHR-A2-RRN	BL=2	232	DNM=6-384	DS 4C	COMP				
DNM=6-404	01	TYPE-TABLE-DEFINE	BL=2	238	DNM=6-404	DS 0CL341	GROUP				
DNM=6-434	02	FILLER	BL=2	238	DNM=6-434	DS 31C	DISP				
DNM=6-453	02	FILLER	BL=2	257	DNM=6-453	DS 31C	DISP				
DNM=6-472	02	FILLER	BL=2	276	DNM=6-472	DS 31C	DISP				
DNM=6-491	02	FILLER	BL=2	295	DNM=6-491	DS 31C	DISP				
DNM=7-000	02	FILLER	BL=2	2B4	DNM=7-000	DS 31C	DISP				
DNM=7-019	02	FILLER	BL=2	2D3	DNM=7-019	DS 31C	DISP				
DNM=7-038	02	FILLER	BL=2	2F2	DNM=7-038	DS 31C	DISP				
DNM=7-057	02	FILLER	BL=2	311	DNM=7-057	DS 31C	DISP				
DNM=7-076	02	FILLER	BL=2	330	DNM=7-076	DS 31C	DISP				
DNM=7-095	02	FILLER	BL=2	34F	DNM=7-095	DS 31C	DISP				
DNM=7-114	02	FILLER	BL=2	36E	DNM=7-114	DS 31C	DISP				

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=7-133	01	TYPE-TABLE	BL=2	238	DNM=7-133	DS 0CL341	GROUP	R			
DNM=7-159		TYPE-IX			DNM=7-159		INDEX-NM				
DNM=7-173	02	TYPE-TABLE-ENTRY	BL=2	238	DNM=7-173	DS 0CL31	GROUP		0		
DNM=7-205	03	TTE-CODE	BL=2	238	DNM=7-205	DS 3C	DISP-NM				
DNM=7-226	03	TTE-TEXT	BL=2	23B	DNM=7-226	DS 28C	DISP				
DNM=7-247	01	TYPE-TEXT-TO-PRINT	BL=2	390	DNM=7-247	DS 0CL31	GROUP				
DNM=7-278	02	TTTP-CODE	BL=2	390	DNM=7-278	DS 3C	DISP-NM				
DNM=7-300	02	TTTP-TEXT	BL=2	393	DNM=7-300	DS 0CL28	GROUP				
DNM=7-322	03	FILLER	BL=2	393	DNM=7-322	DS 3C	DISP				
DNM=7-341	03	TTTP-TEXT-UNKNOWN	BL=2	396	DNM=7-341	DS 25C	DISP				
DNM=7-368	01	COUNT-1	BL=2	3B0	DNM=7-368	DS 1C	DISP-NM				
DNM=7-385	01	PRINT-SWITCH	BL=2	3B8	DNM=7-385	DS 1C	DISP-NM				
DNM=7-407	RD	CUSTOMER-SALES-REPORT			DNM=7-407						
DNM=7-443	01	CTL.LVL	BL=2	3C0	DNM=7-443	DS 2P	COMP-3				
DNM=7-460	01	TER.COD	BL=2	3C8	DNM=7-460	DS 1C	DISP				
DNM=7-477	01	FRS.GEN	BL=2	3D0	DNM=7-477	DS 1C	DISP				
DNM=7-494	01	LIN.SAV	BL=2	3D8	DNM=7-494	DS 2C	COMP				
DNM=8-000	01	FRS.GRP	BL=2	3E0	DNM=8-000	DS 1C	DISP				
DNM=8-017	01	ABS.LIN	BL=2	3E8	DNM=8-017	DS 2C	COMP				
DNM=8-034	01	LIN.NUM	BL=2	3F0	DNM=8-034	DS 2P	COMP-3				
DNM=8-051	77	-0002	BL=2	3F2	DNM=8-051	DS 35C	DISP				
DNM=8-066	77	-0003	BL=2	415	DNM=8-066	DS 35C	DISP				
DNM=8-084	77	-0004	BL=2	438	DNM=8-084	DS 28C	DISP				
DNM=8-102	77	-0005	BL=2	454	DNM=8-102	DS 28C	DISP				
DNM=8-117	77	-0006	BL=2	470	DNM=8-117	DS 4C	DISP-NM				
DNM=8-132	77	-0007	BL=2	474	DNM=8-132	DS 4C	DISP-NM				
DNM=8-147	01	LINE-COUNTER	BL=2	478	DNM=8-147	DS 3P	COMP-3				
DNM=8-169	01	PAGE-COUNTER	BL=2	480	DNM=8-169	DS 3P	COMP-3				
DNM=8-191	01	RPT.RCD	BL=2	488	DNM=8-191	DS 0CL133	GROUP				
DNM=8-211	02	CTL.CHR	BL=2	488	DNM=8-211	DS 1C	DISP				
DNM=8-228	02	RPT.LIN	BL=2	489	DNM=8-228	DS 132C	DISP				
DNM=8-245	02	E.0001	BL=2	489	DNM=8-245	DS 10C	DISP	R			
DNM=8-261	02	E.0002	BL=2	497	DNM=8-261	DS 3C	DISP	R			
DNM=8-277	02	E.0003	BL=2	4A1	DNM=8-277	DS 9C	DISP	R			
DNM=8-293	02	E.0004	BL=2	4AC	DNM=8-293	DS 4C	DISP	R			
DNM=8-309	02	E.0005	BL=2	4B2	DNM=8-309	DS 5C	DISP	R			
DNM=8-325	02	E.0006	BL=2	4B9	DNM=8-325	DS 7C	DISP	R			
DNM=8-341	02	E.0007	BL=2	4D1	DNM=8-341	DS 4C	DISP	R			
DNM=8-357	02	E.0008	BL=2	4D6	DNM=8-357	DS 3C	NM-EDIT	R			
DNM=8-380	02	E.0009	BL=2	489	DNM=8-380	DS 11C	DISP	R			
DNM=8-396	02	E.0010	BL=2	49F	DNM=8-396	DS 12C	DISP	R			
DNM=8-412	02	E.0011	BL=2	4AC	DNM=8-412	DS 14C	DISP	R			
DNM=8-428	02	E.0012	BL=2	48D	DNM=8-428	DS 35C	DISP	R			
DNM=8-444	02	E.0013	BL=2	490	DNM=8-444	DS 28C	DISP	R			
DNM=8-460	02	E.0014	BL=2	489	DNM=8-460	DS 2C	DISP-NM	R			
DNM=8-479	02	E.0015	BL=2	48D	DNM=8-479	DS 9C	NM-EDIT	R			
DNM=9-000	02	E.0016	BL=2	49C	DNM=9-000	DS 4C	DISP-NM	R			
DNM=9-019	02	E.0017	BL=2	4A3	DNM=9-019	DS 5C	NM-EDIT	R			
DNM=9-049	02	E.0018	BL=2	4A8	DNM=9-049	DS 1C	DISP	R			
DNM=9-065	02	E.0019	BL=2	4AE	DNM=9-065	DS 10C	NM-EDIT	R			
DNM=9-098	02	E.0020	BL=2	4B8	DNM=9-098	DS 1C	DISP	R			
DNM=9-114	02	E.0021	BL=2	4A3	DNM=9-114	DS 5C	NM-EDIT	R			
DNM=9-141	02	E.0022	BL=2	4A8	DNM=9-141	DS 1C	DISP	R			
DNM=9-160	02	E.0023	BL=2	4AE	DNM=9-160	DS 10C	NM-EDIT	R			
DNM=9-193	02	E.0024	BL=2	4B8	DNM=9-193	DS 2C	DISP	R			


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*STATISTICS*      SOURCE RECORDS =   380      DATA DIVISION STATEMENTS =   129      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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236	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 READ03V(R)

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CROSS REFERENCE TABLE

CONTROL SECTION			ENTRY							
NAME	ORIGIN	LENGTH	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
READ03V	00	1E7A								
ILB0DSP0*	1E80	700								
ILB0SPA0*	2580	2D8								
ILB0STP0*	2858	35								
			ILB0STP1	286E						
VSAMIO	*	2890								
Y2KDFMT	*	35A0								
Y2KDOWN	*	3BB0								
Y2KGT0A	*	3CB0								
Y2KGETD	*	3F90								
Y2KGT0J	*	4198								
Y2KJTOG	*	42D0								
Y2KATOG	*	44A0								

LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION
998	ILBOSTP0	ILBOSTP0	99C	ILBOSPA0	ILBOSPA0
9A0	Y2KGETD	Y2KGETD	9A4	Y2KDFMT	Y2KDFMT
9A8	VSAMIO	VSAMIO	9AC	ILBODSP0	ILBODSP0
9B0	ILBOSTP1	ILBOSTP0	3B88	Y2KDOWN	Y2KDOWN
3C90	Y2KGT0A	Y2KGT0A	4160	Y2KJTOG	Y2KJTOG
4164	Y2KGT0J	Y2KGT0J	4168	Y2KGT0A	Y2KGT0A
42B0	Y2KGT0A	Y2KGT0A	4470	Y2KGT0A	Y2KGT0A
4474	Y2KAT0G	Y2KAT0G			

ENTRY ADDRESS	00
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TOTAL LENGTH      4720
****REASON:  DOES NOT EXIST BUT HAS BEEN ADDED TO DATA SET
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****READ03V DOES NOT EXIST BUT HAS BEEN ADDED TO DATA SET
AUTHORIZATION CODE IS @

AUTHORIZATION CODE IS 0.