

J E S 2 J O B L O G

16.02.36 JOB 1400 \$HASP373 UNLD01VC STARTED - INIT 1 - CLASS A - SYS HMVS
16.02.36 JOB 1400 IEF403I UNLD01VC - STARTED - TIME=16.02.36
16.02.36 JOB 1400 IEC130I SYSPUNCH DD STATEMENT MISSING
16.02.36 JOB 1400 IEC130I SYSPUNCH DD STATEMENT MISSING
16.02.36 JOB 1400 IEFACTRT COB /IKFCBL00/00:00:00.05/00:00:00.08/00000/UNLD01VC
16.02.36 JOB 1400 IEFACTRT LKED /IEWL /00:00:00.02/00:00:00.04/00000/UNLD01VC
16.02.36 JOB 1400 IEF404I UNLD01VC - ENDED - TIME=16.02.36
16.02.36 JOB 1400 \$HASP395 UNLD01VC ENDED

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

29 JUL 25 JOB EXECUTION DATE

9 CARDS READ

641 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1

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00001 IDENTIFICATION DIVISION.
00002 PROGRAM-ID. UNLD01V.
00003 DATE-WRITTEN. JULY, 2025.
00004 DATE-COMPILED. JUL 29, 2025.
00005 REMARKS. READ VSAM KSDS CLUSTER SEQUENTIALLY,
00006         WRITE RECORDS TO SEQUENTIAL FILE,
00007         REPORT RECORDS READ/UNLOADED.
00008
00009 ENVIRONMENT DIVISION.
00010 INPUT-OUTPUT SECTION.
00011 FILE-CONTROL.
00012
00013         SELECT STUDENT-UNLOAD-FILE
00014         ASSIGN TO UT-S-STMAST0.
00015
00016         SELECT REPORT-FILE
00017         ASSIGN TO UR-S-REPORT.
00018
00019 DATA DIVISION.
00020 FILE SECTION.
00021
00022 FD STUDENT-UNLOAD-FILE
00023     LABEL RECORDS STANDARD
00024     RECORD CONTAINS 150 CHARACTERS
00025     BLOCK CONTAINS 10 RECORDS
00026     DATA RECORD IS STUDENT-UNLOAD-RECORD.
00027
00028 01 STUDENT-UNLOAD-RECORD      PIC X(150).
00029
00030 FD REPORT-FILE
00031     LABEL RECORDS OMITTED
00032     REPORT IS UNLOAD-REPORT.
00033
00034 WORKING-STORAGE SECTION.
00035
00036 01 STUDENT-MASTER-FILE-EOF-SW PIC X VALUE 'N'.
00037 88 STUDENT-MASTER-FILE-EOF     VALUE 'Y'.
00038
00039 01 Y2K-GETD-PARAMETERS.
00040     02 Y2K-GETDP-DATE-G      PIC 9(8).
00041     02 Y2K-GETDP-DATE-J      PIC 9(7).
00042     02 Y2K-GETDP-ANUM        PIC S9(7).
00043     02 Y2K-GETDP-CLOCK       PIC 9(8).
00044     02 FILLER                 REDEFINES Y2K-GETDP-CLOCK.
00045         03 Y2K-GETDP-CLOCK-HH PIC 9(2).
00046         03 Y2K-GETDP-CLOCK-MM PIC 9(2).
00047         03 Y2K-GETDP-CLOCK-SS PIC 9(2).
00048         03 Y2K-GETDP-CLOCK-T  PIC 9(1).
00049         03 Y2K-GETDP-CLOCK-H  PIC 9(1).
00050     02 Y2K-GETDP-CLOCK12      PIC X(11).
00051
00052 01 Y2K-DFMT-PARAMETERS.
00053     02 Y2K-DFMTP-DATEIN      PIC X(8).
00054     02 Y2K-DFMTP-MAJOR       PIC X(1).
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00055          02  Y2K-DFMTP-MINOR          PIC X(1).
00056          02  Y2K-DFMTP-RETURN-CODE    PIC 9(1).
00057          02  Y2K-DFMTP-OUTPUT-SIZE     PIC S9(2).
00058          02  Y2K-DFMTP-OUTPUT          PIC X(29).
00059
00060          01  INPUT-COUNT                  PIC 9(5) VALUE 0.
00061          01  OUTPUT-COUNT                PIC 9(5) VALUE 0.
00062
00063          01  VSIO-PARAMETER-VALUES        COPY VSAMIO.
00064 C 000100* ***** *06980000
00065 C 000200* *06990000
00066 C 000300*          VV  VV  SSSSS  A  M  M  IIII  00000  *07000000
00067 C 000400*          VV  VV SS  SS  AAA  MM  MM  II  00  00  *07010000
00068 C 000500*          VV  VV SS  SS  AA  AA  MMM  MMM  II  00  00  *07020000
00069 C 000600*          VV  VV SSSSS  AA  AA  MMMMMM  II  00  00  *07030000
00070 C 000700*          VV  VV  SS  SS  AA  AA  MM  M  MM  II  00  00  *07040000
00071 C 000800*          VV VV  SS  SS  AAAAAA  MM  MM  II  00  00  *07050000
00072 C 000900*          VVV  SS  SS  AA  AA  MM  MM  II  00  00  *07060000
00073 C 001000*          V  SSSSS  AA  AA  MM  MM  IIII  00000  *07070000
00074 C 001100* *07080000
00075 C 001200* ***** *07090000
00076 C 001300* *07100000
00077 C 001400* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *07110000
00078 C 001500* ACCESS ROUTINE. *07120000
00079 C 001600* *07130000
00080 C 001700* THE VSIO-PARAMETER-VALUES SUPPLY THE VALUES USED TO MOVE INTO *07140000
00081 C 001800* PARAMETER ENTRIES TO TAILOR THE ROUTINE TO A SPECIFIC DATASET *07150000
00082 C 001900* AND TO PROVIDE COMMANDS TO DRIVE THE ROUTINE. *07160000
00083 C 002000* ***** *07170000
00084 C 002100 01  VSIO-PARAMETER-VALUES. 07180000
00085 C 002200          02  VSIO-OPEN          PIC X(08) VALUE 'OPEN ' . 07190000
00086 C 002300          02  VSIO-CLOSE        PIC X(08) VALUE 'CLOSE ' . 07200000
00087 C 002400          02  VSIO-READ         PIC X(08) VALUE 'READ ' . 07210000
00088 C 002500          02  VSIO-WRITE        PIC X(08) VALUE 'WRITE ' . 07220000
00089 C 002600          02  VSIO-REWRITE      PIC X(08) VALUE 'REWRITE ' . 07230000
00090 C 002700          02  VSIO-DELETE       PIC X(08) VALUE 'DELETE ' . 07240000
00091 C 002800          02  VSIO-START-KEY-EQUAL PIC X(08) VALUE 'STARTEQ ' . 07250000
00092 C 002900          02  VSIO-START-KEY-NOTLESS PIC X(08) VALUE 'STARTGE ' . 07260000
00093 C 003000          02  VSIO-KSDS         PIC X(04) VALUE 'KSDS' . 07270000
00094 C 003100          02  VSIO-ESDS         PIC X(04) VALUE 'ESDS' . 07280000
00095 C 003200          02  VSIO-RRDS        PIC X(04) VALUE 'RRDS' . 07290000
00096 C 003300          02  VSIO-SEQUENTIAL   PIC X(10) VALUE 'SEQUENTIAL' . 07300000
00097 C 003400          02  VSIO-DIRECT       PIC X(10) VALUE 'DIRECT ' . 07310000
00098 C 003500          02  VSIO-DYNAMIC      PIC X(10) VALUE 'DYNAMIC ' . 07320000
00099 C 003600          02  VSIO-INPUT        PIC X(06) VALUE 'INPUT ' . 07330000
00100 C 003700          02  VSIO-OUTPUT      PIC X(06) VALUE 'OUTPUT' . 07340000
00101 C 003800          02  VSIO-INPUT-OUTPUT PIC X(06) VALUE 'UPDATE' . 07350000
00102 C 003900 *07360000
00103 C 004000* ***** *07370000
00104 C 004100* THE VSIO-PARAMETER-BLOCK IS THE COMMUNICATION INTERFACE TO *07380000
00105 C 004200* THE ROUTINE. *07390000
00106 C 004300* ***** *07400000
00107 C 004400 01  VSIO-PARAMETER-BLOCK. 07410000
00108 C 004500          02  VSIO-COMMAND      PIC X(08). 07420000
00109 C 004600          02  VSIO-RETURN-CODE  PIC S9(04) COMP. 07430000
00110 C 004700          88  VSIO-SUCCESS    VALUE +0. 07440000
00111 C 004800          88  VSIO-LOGIC-ERROR  VALUE +8. 07450000

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00112 C 004900      88 VSIO-END-OF-FILE          VALUE +9999.      07460000
00113 C 005000      88 VSIO-PARAMETER-ERROR      VALUE +20 THRU +28. 07470000
00114 C 005100      88 VSIO-COMMAND-UNKNOWN      VALUE +20.         07480000
00115 C 005200      88 VSIO-DATASET-ALREADY-OPEN      VALUE +21.         07490000
00116 C 005300      88 VSIO-DATASET-NOT-OPEN      VALUE +22.         07500000
00117 C 005400      88 VSIO-ORGANIZATION-KEYWORD      VALUE +23.         07510000
00118 C 005500      88 VSIO-ACCESS-KEYWORD      VALUE +24.         07520000
00119 C 005600      88 VSIO-ACCESS-UNSUPPORTED      VALUE +25.         07530000
00120 C 005700      88 VSIO-MODE-KEYWORD      VALUE +26.         07540000
00121 C 005800      88 VSIO-MODE-UNSUPPORTED      VALUE +27.         07550000
00122 C 005900      88 VSIO-DDNAME-BLANK      VALUE +28.         07560000
00123 C 006000      02 VSIO-VSAM-RETURN-CODE      PIC S9(04) COMP.    07570000
00124 C 006100      02 VSIO-VSAM-FUNCTION-CODE      PIC S9(04) COMP.    07580000
00125 C 006200      02 VSIO-VSAM-FEEDBACK-CODE      PIC S9(04) COMP.    07590000
00126 C 006300      88 VSIO-DUPLICATE-RECORD      VALUE +8.          07600000
00127 C 006400      88 VSIO-SEQUENCE-ERROR      VALUE +12.         07610000
00128 C 006500      88 VSIO-RECORD-NOT-FOUND      VALUE +16.         07620000
00129 C 006600      88 VSIO-NO-MORE-SPACE      VALUE +28.         07630000
00130 C 006700      88 VSIO-READ-WITHOUT-START      VALUE +88.         07640000
00131 C 006800* ***** *07650000
00132 C 006900*                END OF VSAMIO COPY BOOK *07660000
00133 C 007000* ***** *07670000
00134      01 KSDSF01                COPY VSAMIOFB.
00135 C 000100* ***** *00000100
00136 C 000200* ***** *00000200
00137 C 000300* VV  VV  SSSSS  A  M  M  IIII  00000  FFFFFFFF BBBBBB *00000300
00138 C 000400* VV  VV SS  SS  AAA  MM  MM  II  00  00 FF  BB  BB *00000400
00139 C 000500* VV  VV SS  SS  AA  AA  MMM  MMM  II  00  00 FF  BB  BB *00000500
00140 C 000600* VV  VV  SSSSS  AA  AA  MMMMMM  II  00  00 FFFF  BBBBBB *00000600
00141 C 000700* VV  VV  SS  SS  AA  AA  MM  M  MM  II  00  00 FF  BB  BB *00000700
00142 C 000800* VV VV SS  SS  AAAAAA MM  MM  II  00  00 FF  BB  BB *00000800
00143 C 000900* VVV  SS  SS  AA  AA  MM  MM  II  00  00 FF  BB  BB *00000900
00144 C 001000* V  SSSSS  AA  AA  MM  MM  IIII  00000  FF  BBBBBB *00001000
00145 C 001100* ***** *00001100
00146 C 001200* ***** *00001200
00147 C 001300* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *00001300
00148 C 001400* ACCESS ROUTINE, AND ARE USED TO COMMUNICATE CHARACTERISTICS *00001400
00149 C 001500* FOR A SINGLE VSAM DATASET. *00001500
00150 C 001600* ***** *00001600
00151 C 001700* WITH THE 2 EXCEPTIONS FOR RECORD LENGTH (TO ACCOMODATE *00001700
00152 C 001800* VARIABLE LENGTH RECORDS) AND RELATIVE RECORD (TO ACCOMODATE *00001800
00153 C 001900* RELATIVE RECORD DATASETS) THESE DATA NAMES MUST BE POPULATED *00001900
00154 C 002000* PRIOR TO CALLING THE ROUTINE TO OPEN THE DATASET AND MUST NOT *00002000
00155 C 002100* THEN BE CHANGED UNTIL THE DATASET HAS BEEN CLOSED. *00002100
00156 C 002200* ***** *00002200
00157 C 002300 01 KSDSF01.                00002300
00158 C 002400      02 VSIO-DDNAME      PIC X(08) VALUE SPACES. 00002400
00159 C 002500      02 VSIO-ORGANIZATION      PIC X(04) VALUE SPACES. 00002500
00160 C 002600      02 VSIO-ACCESS      PIC X(10) VALUE SPACES. 00002600
00161 C 002700      02 VSIO-MODE      PIC X(06) VALUE SPACES. 00002700
00162 C 002800      02 VSIO-RECORD-LENGTH      PIC S9(04) COMP VALUE +0. 00002800
00163 C 002900      02 VSIO-KEY-ARGUMENT.                00002900
00164 C 003000      03 VSIO-KEY-POSITION      PIC S9(04) COMP VALUE +0. 00003000
00165 C 003100      03 VSIO-KEY-LENGTH      PIC S9(04) COMP VALUE +0. 00003100
00166 C 003200      02 VSIO-RELATIVE-RECORD      REDEFINES VSIO-KEY-ARGUMENT 00003200
00167 C 003300      PIC S9(08) COMP.                00003300
00168 C 003400      02 FILLER      PIC X(01) VALUE 'C'. 00003400

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00169 C 003500      88  VSIO-FILE-OPEN          VALUE 'O'.          00003500
00170 C 003600      88  VSIO-FILE-CLOSED        VALUE 'C'.          00003600
00171 C 003700      02  FILLER                    PIC  X(161).        00003700
00172 C 003800* *****                                *00003800
00173 C 003900*                                END OF VSAMIOFB COPY BOOK *00003900
00174 C 004000* *****                                *00004000
00175      01  STUDENT-MASTER-INFORMATION  COPY 'STMASTER'.
00176 C      *-----*
00177 C      * STUDENT INFORMATION MASTER RECORD.
00178 C      *-----*
00179 C      01  STUDENT-MASTER-INFORMATION.
00180 C          02  SI-STUDENT-NUMBER          PIC  9(09).
00181 C          02  SI-FIRST-NAME              PIC  X(11).
00182 C          02  SI-MINITIAL                PIC  X(01).
00183 C          02  SI-LAST-NAME               PIC  X(10).
00184 C          02  SI-STREET                  PIC  X(35).
00185 C          02  SI-CITY                    PIC  X(20).
00186 C          02  SI-STATE                   PIC  X(02).
00187 C          02  SI-ZIPCODE                 PIC  X(05).
00188 C          02  SI-BIRTH-DATE              PIC  X(08).
00189 C          02  SI-ENROLL-DATE            PIC  X(08).
00190 C          02  SI-CONTACT-DATE            PIC  X(08).
00191 C          02  SI-GENDER                  PIC  X(01).
00192 C          02  SI-SORT-NAME               PIC  X(30).
00193 C          02  FILLER                    PIC  X(02).
00194
00195      REPORT SECTION.
00196      RD  UNLOAD-REPORT
00197          PAGE LIMIT IS 66 LINES
00198          HEADING 2
00199          FIRST DETAIL 5
00200          LAST DETAIL 58.
00201
00202      01  LOAD-SUMMARY TYPE REPORT FOOTING.
00203          02  LINE 2.
00204              03  COLUMN 01  PIC  X(10) SOURCE Y2K-DFMTP-OUTPUT.
00205              03  COLUMN 15  PIC  X(03) VALUE '(V)'.
00206              03  COLUMN 24  PIC  X(07) VALUE 'Student'.
00207              03  COLUMN 34  PIC  X(06) VALUE 'Master'.
00208              03  COLUMN 44  PIC  X(06) VALUE 'Unload'.
00209              03  COLUMN 53  PIC  X(06) VALUE 'Report'.
00210              03  COLUMN 71  PIC  X(04) VALUE 'Page'.
00211              03  COLUMN 76  PIC  Z,ZZ9 SOURCE PAGE-COUNTER.
00212          02  LINE 3.
00213              03  COLUMN 01  PIC  X(11) SOURCE Y2K-GETDP-CLOCK12.
00214          02  LINE 6.
00215              03  COLUMN 13  PIC  ZZ,ZZ9 SOURCE INPUT-COUNT.
00216              03  COLUMN 20  PIC  X(30) VALUE
00217                  'Records read from STMASTI'.
00218          02  LINE PLUS 2.
00219              03  COLUMN 13  PIC  ZZ,ZZ9 SOURCE OUTPUT-COUNT.
00220              03  COLUMN 20  PIC  X(30) VALUE
00221                  'Records written to STMASTO'.
00222
00223      PROCEDURE DIVISION.
00224
00225      0000-MAIN SECTION.

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00226
00227      0000-UNLOAD-STUDENT-MASTER.
00228
00229      CALL 'Y2KGETD' USING Y2K-GETD-PARAMETERS.
00230      MOVE Y2K-GETDP-DATE-G TO Y2K-DFMTP-DATEIN.
00231      MOVE '1' TO Y2K-DFMTP-MAJOR.
00232      MOVE '3' TO Y2K-DFMTP-MINOR.
00233      CALL 'Y2KDFMT' USING Y2K-DFMT-PARAMETERS.
00234
00235      MOVE 'STMASTI' TO VSIO-DDNAME.
00236      MOVE VSIO-KSDS TO VSIO-ORGANIZATION.
00237      MOVE VSIO-SEQUENTIAL TO VSIO-ACCESS.
00238      MOVE VSIO-INPUT TO VSIO-MODE.
00239      MOVE +150 TO VSIO-RECORD-LENGTH.
00240      MOVE +0 TO VSIO-KEY-POSITION.
00241      MOVE +9 TO VSIO-KEY-LENGTH.
00242      MOVE VSIO-OPEN TO VSIO-COMMAND.
00243      CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,
00244                      STUDENT-MASTER-INFORMATION.
00245      IF NOT VSIO-SUCCESS
00246          DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00247                  VSIO-COMMAND
00248          EXHIBIT NAMED VSIO-RETURN-CODE,
00249          EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00250                      VSIO-VSAM-FUNCTION-CODE,
00251                      VSIO-VSAM-FEEDBACK-CODE
00252      STOP RUN.
00253
00254      OPEN OUTPUT STUDENT-UNLOAD-FILE,
00255                  REPORT-FILE.
00256      INITIATE UNLOAD-REPORT.
00257
00258      PERFORM 2100-READ-STUDENT-MASTER
00259              THRU 2199-EXIT
00260              UNTIL STUDENT-MASTER-FILE-EOF.
00261
00262      GENERATE UNLOAD-REPORT.
00263      TERMINATE UNLOAD-REPORT.
00264
00265      MOVE VSIO-CLOSE TO VSIO-COMMAND.
00266      CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,
00267                      STUDENT-MASTER-INFORMATION.
00268      IF NOT VSIO-SUCCESS
00269          DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00270                  VSIO-COMMAND
00271          EXHIBIT NAMED VSIO-RETURN-CODE,
00272          EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00273                      VSIO-VSAM-FUNCTION-CODE,
00274                      VSIO-VSAM-FEEDBACK-CODE.
00275
00276      CLOSE STUDENT-UNLOAD-FILE,
00277              REPORT-FILE.
00278
00279      GOBACK.
00280
00281      2000-PERFORMED-ROUTINES SECTION.
00282
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00283      2100-READ-STUDENT-MASTER.
00284
00285      MOVE VSIO-READ TO VSIO-COMMAND.
00286      CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,
00287                      STUDENT-MASTER-INFORMATION.
00288      IF NOT VSIO-SUCCESS
00289          IF VSIO-END-OF-FILE
00290              MOVE 'Y' TO STUDENT-MASTER-FILE-EOF-SW
00291          ELSE
00292              DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00293                      VSIO-COMMAND
00294              EXHIBIT NAMED VSIO-RETURN-CODE,
00295                      EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00296                      VSIO-VSAM-FUNCTION-CODE,
00297                      VSIO-VSAM-FEEDBACK-CODE
00298              MOVE 'Y' TO STUDENT-MASTER-FILE-EOF-SW.
00299
00300      IF NOT STUDENT-MASTER-FILE-EOF
00301          PERFORM 2200-WRITE-RECORD-TO-BACKUP
00302          THRU 2299-EXIT.
00303
00304      2199-EXIT.
00305      EXIT.
00306
00307      2200-WRITE-RECORD-TO-BACKUP.
00308
00309      ADD 1 TO INPUT-COUNT.
00310
00311      WRITE STUDENT-UNLOAD-RECORD FROM STUDENT-MASTER-INFORMATION.
00312
00313      ADD 1 TO OUTPUT-COUNT.
00314
00315      2299-EXIT.
00316      EXIT.
00317
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INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=1-220	FD	STUDENT-UNLOAD-FILE	DCB=01		DNM=1-220		QSAM				F
DNM=1-252	01	STUDENT-UNLOAD-RECORD	BL=1	000	DNM=1-252	DS 150C	DISP				
DNM=1-283	FD	REPORT-FILE	DCB=02		DNM=1-283		QSAM				F
DNM=1-307	01	-0001	BL=2	000	DNM=1-307	DS 133C	DISP				
DNM=1-322	01	STUDENT-MASTER-FILE-EOF-SW	BL=3	000	DNM=1-322	DS 1C	DISP				
DNM=1-361	88	STUDENT-MASTER-FILE-EOF			DNM=1-361						
DNM=1-395	01	Y2K-GETD-PARAMETERS	BL=3	008	DNM=1-395	DS 0CL41	GROUP				
DNM=1-427	02	Y2K-GETDP-DATE-G	BL=3	008	DNM=1-427	DS 8C	DISP-NM				
DNM=1-453	02	Y2K-GETDP-DATE-J	BL=3	010	DNM=1-453	DS 7C	DISP-NM				
DNM=1-479	02	Y2K-GETDP-ANUM	BL=3	017	DNM=1-479	DS 7C	DISP-NM				
DNM=2-000	02	Y2K-GETDP-CLOCK	BL=3	01E	DNM=2-000	DS 8C	DISP-NM				
DNM=2-025	02	FILLER	BL=3	01E	DNM=2-025	DS 0CL8	GROUP	R			
DNM=2-044	03	Y2K-GETDP-CLOCK-HH	BL=3	01E	DNM=2-044	DS 2C	DISP-NM				
DNM=2-072	03	Y2K-GETDP-CLOCK-MM	BL=3	020	DNM=2-072	DS 2C	DISP-NM				
DNM=2-100	03	Y2K-GETDP-CLOCK-SS	BL=3	022	DNM=2-100	DS 2C	DISP-NM				
DNM=2-128	03	Y2K-GETDP-CLOCK-T	BL=3	024	DNM=2-128	DS 1C	DISP-NM				
DNM=2-155	03	Y2K-GETDP-CLOCK-H	BL=3	025	DNM=2-155	DS 1C	DISP-NM				
DNM=2-182	02	Y2K-GETDP-CLOCK12	BL=3	026	DNM=2-182	DS 11C	DISP				
DNM=2-209	01	Y2K-DFMT-PARAMETERS	BL=3	038	DNM=2-209	DS 0CL42	GROUP				
DNM=2-241	02	Y2K-DFMTP-DATEIN	BL=3	038	DNM=2-241	DS 8C	DISP				
DNM=2-270	02	Y2K-DFMTP-MAJOR	BL=3	040	DNM=2-270	DS 1C	DISP				
DNM=2-295	02	Y2K-DFMTP-MINOR	BL=3	041	DNM=2-295	DS 1C	DISP				
DNM=2-320	02	Y2K-DFMTP-RETURN-CODE	BL=3	042	DNM=2-320	DS 1C	DISP-NM				
DNM=2-351	02	Y2K-DFMTP-OUTPUT-SIZE	BL=3	043	DNM=2-351	DS 2C	DISP-NM				
DNM=2-382	02	Y2K-DFMTP-OUTPUT	BL=3	045	DNM=2-382	DS 29C	DISP				
DNM=2-408	01	INPUT-COUNT	BL=3	068	DNM=2-408	DS 5C	DISP-NM				
DNM=2-429	01	OUTPUT-COUNT	BL=3	070	DNM=2-429	DS 5C	DISP-NM				
DNM=2-451	01	VSIO-PARAMETER-VALUES	BL=3	078	DNM=2-451	DS 0CL124	GROUP				
DNM=2-485	02	VSIO-OPEN	BL=3	078	DNM=2-485	DS 8C	DISP				
DNM=3-000	02	VSIO-CLOSE	BL=3	080	DNM=3-000	DS 8C	DISP				
DNM=3-020	02	VSIO-READ	BL=3	088	DNM=3-020	DS 8C	DISP				
DNM=3-042	02	VSIO-WRITE	BL=3	090	DNM=3-042	DS 8C	DISP				
DNM=3-062	02	VSIO-REWRITE	BL=3	098	DNM=3-062	DS 8C	DISP				
DNM=3-084	02	VSIO-DELETE	BL=3	0A0	DNM=3-084	DS 8C	DISP				
DNM=3-105	02	VSIO-START-KEY-EQUAL	BL=3	0A8	DNM=3-105	DS 8C	DISP				
DNM=3-138	02	VSIO-START-KEY-NOTLESS	BL=3	0B0	DNM=3-138	DS 8C	DISP				
DNM=3-173	02	VSIO-KSDS	BL=3	0B8	DNM=3-173	DS 4C	DISP				
DNM=3-192	02	VSIO-ESDS	BL=3	0BC	DNM=3-192	DS 4C	DISP				
DNM=3-211	02	VSIO-RRDS	BL=3	0C0	DNM=3-211	DS 4C	DISP				
DNM=3-233	02	VSIO-SEQUENTIAL	BL=3	0C4	DNM=3-233	DS 10C	DISP				
DNM=3-258	02	VSIO-DIRECT	BL=3	0CE	DNM=3-258	DS 10C	DISP				
DNM=3-279	02	VSIO-DYNAMIC	BL=3	0D8	DNM=3-279	DS 10C	DISP				
DNM=3-301	02	VSIO-INPUT	BL=3	0E2	DNM=3-301	DS 6C	DISP				
DNM=3-321	02	VSIO-OUTPUT	BL=3	0E8	DNM=3-321	DS 6C	DISP				
DNM=3-342	02	VSIO-INPUT-OUTPUT	BL=3	0EE	DNM=3-342	DS 6C	DISP				
DNM=3-369	01	VSIO-PARAMETER-BLOCK	BL=3	0F8	DNM=3-369	DS 0CL16	GROUP				
DNM=3-402	02	VSIO-COMMAND	BL=3	0F8	DNM=3-402	DS 8C	DISP				
DNM=3-424	02	VSIO-RETURN-CODE	BL=3	100	DNM=3-424	DS 2C	COMP				
DNM=3-453	88	VSIO-SUCCESS			DNM=3-453						
DNM=3-478	88	VSIO-LOGIC-ERROR			DNM=3-478						
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=4-098	88	VSIO-DATASET-ALREADY-OPEN			DNM=4-098						
DNM=4-137	88	VSIO-DATASET-NOT-OPEN			DNM=4-137						

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=4-172	88	VSIO-ORGANIZATION-KEYWORD			DNM=4-172						
DNM=4-211	88	VSIO-ACCESS-KEYWORD			DNM=4-211						
DNM=4-244	88	VSIO-ACCESS-UNSUPPORTED			DNM=4-244						
DNM=4-281	88	VSIO-MODE-KEYWORD			DNM=4-281						
DNM=4-312	88	VSIO-MODE-UNSUPPORTED			DNM=4-312						
DNM=4-347	88	VSIO-DDNAME-BLANK			DNM=4-347						
DNM=4-378	02	VSIO-VSAM-RETURN-CODE	BL=3	102	DNM=4-378	DS 2C	COMP				
DNM=4-409	02	VSIO-VSAM-FUNCTION-CODE	BL=3	104	DNM=4-409	DS 2C	COMP				
DNM=4-442	02	VSIO-VSAM-FEEDBACK-CODE	BL=3	106	DNM=4-442	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	KSDSF01	BL=3	108	DNM=5-174	DS 0CL196	GROUP				
DNM=5-194	02	VSIO-DDNAME	BL=3	108	DNM=5-194	DS 8C	DISP				
DNM=5-215	02	VSIO-ORGANIZATION	BL=3	110	DNM=5-215	DS 4C	DISP				
DNM=5-242	02	VSIO-ACCESS	BL=3	114	DNM=5-242	DS 10C	DISP				
DNM=5-263	02	VSIO-MODE	BL=3	11E	DNM=5-263	DS 6C	DISP				
DNM=5-282	02	VSIO-RECORD-LENGTH	BL=3	124	DNM=5-282	DS 2C	COMP				
DNM=5-310	02	VSIO-KEY-ARGUMENT	BL=3	126	DNM=5-310	DS 0CL4	GROUP				
DNM=5-340	03	VSIO-KEY-POSITION	BL=3	126	DNM=5-340	DS 2C	COMP				
DNM=5-370	03	VSIO-KEY-LENGTH	BL=3	128	DNM=5-370	DS 2C	COMP				
DNM=5-395	02	VSIO-RELATIVE-RECORD	BL=3	126	DNM=5-395	DS 4C	COMP	R			
DNM=5-425	02	FILLER	BL=3	12A	DNM=5-425	DS 1C	DISP				
DNM=5-447	88	VSIO-FILE-OPEN			DNM=5-447						
DNM=5-472	88	VSIO-FILE-CLOSED			DNM=5-472						
DNM=6-000	02	FILLER	BL=3	12B	DNM=6-000	DS 161C	DISP				
DNM=6-019	01	STUDENT-MASTER-INFORMATION	BL=3	1D0	DNM=6-019	DS 0CL150	GROUP				
DNM=6-061	02	SI-STUDENT-NUMBER	BL=3	1D0	DNM=6-061	DS 9C	DISP-NM				
DNM=6-088	02	SI-FIRST-NAME	BL=3	1D9	DNM=6-088	DS 11C	DISP				
DNM=6-114	02	SI-MINITIAL	BL=3	1E4	DNM=6-114	DS 1C	DISP				
DNM=6-138	02	SI-LAST-NAME	BL=3	1E5	DNM=6-138	DS 10C	DISP				
DNM=6-163	02	SI-STREET	BL=3	1EF	DNM=6-163	DS 35C	DISP				
DNM=6-182	02	SI-CITY	BL=3	212	DNM=6-182	DS 20C	DISP				
DNM=6-199	02	SI-STATE	BL=3	226	DNM=6-199	DS 2C	DISP				
DNM=6-217	02	SI-ZIPCODE	BL=3	228	DNM=6-217	DS 5C	DISP				
DNM=6-240	02	SI-BIRTH-DATE	BL=3	22D	DNM=6-240	DS 8C	DISP				
DNM=6-263	02	SI-ENROLL-DATE	BL=3	235	DNM=6-263	DS 8C	DISP				
DNM=6-287	02	SI-CONTACT-DATE	BL=3	23D	DNM=6-287	DS 8C	DISP				
DNM=6-312	02	SI-GENDER	BL=3	245	DNM=6-312	DS 1C	DISP				
DNM=6-331	02	SI-SORT-NAME	BL=3	246	DNM=6-331	DS 30C	DISP				
DNM=6-356	02	FILLER	BL=3	264	DNM=6-356	DS 2C	DISP				
DNM=6-375	01	PRINT-SWITCH	BL=3	268	DNM=6-375	DS 1C	DISP-NM				
DNM=6-397	RD	UNLOAD-REPORT			DNM=6-397						
DNM=6-422	01	CTL.LVL	BL=3	270	DNM=6-422	DS 2P	COMP-3				
DNM=6-439	01	TER.COD	BL=3	278	DNM=6-439	DS 1C	DISP				
DNM=6-456	01	FRS.GEN	BL=3	280	DNM=6-456	DS 1C	DISP				
DNM=6-473	01	LIN.SAV	BL=3	288	DNM=6-473	DS 2C	COMP				
DNM=6-490	01	FRS.GRP	BL=3	290	DNM=6-490	DS 1C	DISP				
DNM=7-000	01	ABS.LIN	BL=3	298	DNM=7-000	DS 2C	COMP				
DNM=7-017	01	LIN.NUM	BL=3	2A0	DNM=7-017	DS 2P	COMP-3				
DNM=7-034	01	LINE-COUNTER	BL=3	2A8	DNM=7-034	DS 3P	COMP-3				
DNM=7-056	01	PAGE-COUNTER	BL=3	2B0	DNM=7-056	DS 3P	COMP-3				
DNM=7-078	01	RPT.RCD	BL=3	2B8	DNM=7-078	DS 0CL133	GROUP				


```
*STATISTICS*      SOURCE RECORDS =   317      DATA DIVISION STATEMENTS =   102      PROCEDURE DIVISION STATEMENTS =    49
*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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F64-LEVEL LINKAGE EDITOR OPTIONS SPECIFIED LIST,XREF,LET
      DEFAULT OPTION(S) USED -  SIZE=(65536,38912)
IEW0000      NAME UNLD01V(R)

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CROSS REFERENCE TABLE

CONTROL SECTION			ENTRY							
NAME	ORIGIN	LENGTH	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
UNLD01V	00	141C								
ILB0DSP0*	1420	700								
ILB0SPA0*	1B20	2D8								
ILB0STP0*	1DF8	35								
			ILB0STP1	1E0E						
VSAMIO	*	1E30								
Y2KDFMT	*	2B40								
Y2KDOWN	*	3150								
Y2KGT0A	*	3250								
Y2KGETD	*	3530								
Y2KGT0J	*	3738								
Y2KJTOG	*	3870								
Y2KATOG	*	3A40								

LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION
800	ILBOSTP0	ILBOSTP0	804	ILBOSPA0	ILBOSPA0
808	Y2KGETD	Y2KGETD	80C	Y2KDFMT	Y2KDFMT
810	VSAMIO	VSAMIO	814	ILBODSP0	ILBODSP0
818	ILBOSTP1	ILBOSTP0	3128	Y2KDOWN	Y2KDOWN
3230	Y2KGT0A	Y2KGT0A	3700	Y2KJTOG	Y2KJTOG
3704	Y2KGT0J	Y2KGT0J	3708	Y2KGT0A	Y2KGT0A
3850	Y2KGT0A	Y2KGT0A	3A10	Y2KGT0A	Y2KGT0A
3A14	Y2KAT0G	Y2KAT0G			

ENTRY ADDRESS	00
TOTAL LENGTH	3CC0

```
****UNLD01V    DOES NOT EXIST BUT HAS BEEN ADDED TO DATA SET
AUTHORIZATION CODE IS          0.
```