

J E S 2 J O B L O G

16.02.38 JOB 1401 \$HASP373 UPDT01VC STARTED - INIT 1 - CLASS A - SYS HMVS
16.02.38 JOB 1401 IEF403I UPDT01VC - STARTED - TIME=16.02.38
16.02.38 JOB 1401 IEC130I SYSPUNCH DD STATEMENT MISSING
16.02.39 JOB 1401 IEC130I SYSPUNCH DD STATEMENT MISSING
16.02.39 JOB 1401 IEFACTRT COB /IKFCBL00/00:00:00.08/00:00:00.13/00000/UPDT01VC
16.02.39 JOB 1401 IEFACTRT LKED /IEWL /00:00:00.03/00:00:00.04/00000/UPDT01VC
16.02.39 JOB 1401 IEF404I UPDT01VC - ENDED - TIME=16.02.39
16.02.39 JOB 1401 \$HASP395 UPDT01VC ENDED

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

29 JUL 25 JOB EXECUTION DATE

9 CARDS READ

1,243 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

0.00 MINUTES EXECUTION TIME

1

```
00001 IDENTIFICATION DIVISION.
00002 PROGRAM-ID. UPDT01V.
00003 DATE-WRITTEN. JULY, 2025.
00004 DATE-COMPILED. JUL 29, 2025.
00005 REMARKS. READ UPDATE RECORDS FROM TAPE,
00006         APPLY UPDATES TO VSAM KSDS CLUSTER,
00007         REPORT UPDATES APPLIED AND ERRORS ENCOUNTERED.
00008
00009 ENVIRONMENT DIVISION.
00010 INPUT-OUTPUT SECTION.
00011 FILE-CONTROL.
00012
00013         SELECT UPDATES-FILE
00014         ASSIGN TO UT-S-UPDATEI.
00015
00016         SELECT REPORT-FILE
00017         ASSIGN TO UR-S-REPORT.
00018
00019 DATA DIVISION.
00020 FILE SECTION.
00021
00022 FD UPDATES-FILE
00023     LABEL RECORDS STANDARD
00024     RECORD CONTAINS 151 CHARACTERS
00025     BLOCK CONTAINS 10 RECORDS
00026     DATA RECORD IS UPDATES-DATA-RECORD.
00027
00028 01 UPDATES-DATA-RECORD.
00029     02 UDR-TYPE                PIC X(01).
00030         88 ACTION-IS-ADD        VALUE 'A'.
00031         88 ACTION-IS-CHANGE     VALUE 'C'.
00032         88 ACTION-IS-DELETE     VALUE 'D'.
00033         88 ACTION-IS-VALID      VALUE 'A', 'C', 'D'.
00034     02 UDR-CHANGE-FIELDS       PIC X(150).
00035
00036 FD REPORT-FILE
00037     LABEL RECORDS OMITTED
00038     REPORT IS UPDATE-REPORT.
00039
00040 WORKING-STORAGE SECTION.
00041
00042 01 UPDATES-FILE-EOF-SW        PIC X    VALUE 'N'.
00043     88 UPDATES-FILE-EOF      VALUE 'Y'.
00044     88 UPDATES-FILE-NOT-EOF  VALUE 'N'.
00045
00046 01 STUDENT-MASTER-EXISTS-SW  PIC X    VALUE 'U'.
00047     88 STUDENT-MASTER-UNKNOWN VALUE 'U'.
00048     88 STUDENT-MASTER-EXISTS VALUE 'Y'.
00049     88 STUDENT-MASTER-NOT-EXISTS VALUE 'N'.
00050
00051 01 WS-STATUS-MESSAGE         PIC X(40).
00052 01 WS-UPDATE-TYPE           PIC X(07).
00053
00054 01 Y2K-GETD-PARAMETERS.
```

```

00055          02  Y2K-GETDP-DATE-G          PIC 9(8).
00056          02  Y2K-GETDP-DATE-J          PIC 9(7).
00057          02  Y2K-GETDP-ANUM            PIC S9(7).
00058          02  Y2K-GETDP-CLOCK            PIC 9(8).
00059          02  FILLER                     REDEFINES Y2K-GETDP-CLOCK.
00060          03  Y2K-GETDP-CLOCK-HH          PIC 9(2).
00061          03  Y2K-GETDP-CLOCK-MM          PIC 9(2).
00062          03  Y2K-GETDP-CLOCK-SS          PIC 9(2).
00063          03  Y2K-GETDP-CLOCK-T          PIC 9(1).
00064          03  Y2K-GETDP-CLOCK-H          PIC 9(1).
00065          02  Y2K-GETDP-CLOCK12           PIC X(11).
00066
00067          01  Y2K-DFMT-PARAMETERS.
00068          02  Y2K-DFMTP-DATEIN             PIC X(8).
00069          02  Y2K-DFMTP-MAJOR              PIC X(1).
00070          02  Y2K-DFMTP-MINOR              PIC X(1).
00071          02  Y2K-DFMTP-RETURN-CODE       PIC 9(1).
00072          02  Y2K-DFMTP-OUTPUT-SIZE       PIC S9(2).
00073          02  Y2K-DFMTP-OUTPUT            PIC X(29).
00074
00075          01  UPDATES-COUNT                  PIC 9(5) VALUE 0.
00076          01  ERROR-COUNT                  PIC 9(5) VALUE 0.
00077          01  ADDITIONS-COUNT              PIC 9(5) VALUE 0.
00078          01  CHANGES-COUNT              PIC 9(5) VALUE 0.
00079          01  DELETIONS-COUNT              PIC 9(5) VALUE 0.
00080
00081          01  VSIO-PARAMETER-VALUES          COPY VSAMIO.
00082 C 000100* ***** *06980000
00083 C 000200* *06990000
00084 C 000300*          VV  VV  SSSSS  A  M  M  IIII  00000  *07000000
00085 C 000400*          VV  VV SS  SS  AAA  MM  MM  II  00  00  *07010000
00086 C 000500*          VV  VV SS          AA AA  MMM MMM  II  00  00  *07020000
00087 C 000600*          VV  VV  SSSSS  AA  AA  MMMMMMMM  II  00  00  *07030000
00088 C 000700*          VV  VV          SS AA  AA  MM M  MM  II  00  00  *07040000
00089 C 000800*          VV VV  SS  SS  AAAAAA  MM  MM  II  00  00  *07050000
00090 C 000900*          VVV  SS  SS  AA  AA  MM  MM  II  00  00  *07060000
00091 C 001000*          V  SSSSS  AA  AA  MM  MM  IIII  00000  *07070000
00092 C 001100* *07080000
00093 C 001200* ***** *07090000
00094 C 001300* *07100000
00095 C 001400* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *07110000
00096 C 001500* ACCESS ROUTINE. *07120000
00097 C 001600* *07130000
00098 C 001700* THE VSIO-PARAMETER-VALUES SUPPLY THE VALUES USED TO MOVE INTO *07140000
00099 C 001800* PARAMETER ENTRIES TO TAILOR THE ROUTINE TO A SPECIFIC DATASET *07150000
00100 C 001900* AND TO PROVIDE COMMANDS TO DRIVE THE ROUTINE. *07160000
00101 C 002000* ***** *07170000
00102 C 002100 01  VSIO-PARAMETER-VALUES. 07180000
00103 C 002200          02  VSIO-OPEN          PIC X(08) VALUE 'OPEN  ' . 07190000
00104 C 002300          02  VSIO-CLOSE          PIC X(08) VALUE 'CLOSE  ' . 07200000
00105 C 002400          02  VSIO-READ            PIC X(08) VALUE 'READ   ' . 07210000
00106 C 002500          02  VSIO-WRITE           PIC X(08) VALUE 'WRITE  ' . 07220000
00107 C 002600          02  VSIO-REWRITE         PIC X(08) VALUE 'REWRITE ' . 07230000
00108 C 002700          02  VSIO-DELETE          PIC X(08) VALUE 'DELETE ' . 07240000
00109 C 002800          02  VSIO-START-KEY-EQUAL PIC X(08) VALUE 'STARTEQ ' . 07250000
00110 C 002900          02  VSIO-START-KEY-NOTLESS PIC X(08) VALUE 'STARTGE ' . 07260000
00111 C 003000          02  VSIO-KSDS           PIC X(04) VALUE 'KSDS' . 07270000

```

```

00112 C 003100      02  VSIO-ESDS                PIC  X(04)  VALUE 'ESDS'.          07280000
00113 C 003200      02  VSIO-RRDS                PIC  X(04)  VALUE 'RRDS'.          07290000
00114 C 003300      02  VSIO-SEQUENTIAL          PIC  X(10)  VALUE 'SEQUENTIAL'.    07300000
00115 C 003400      02  VSIO-DIRECT              PIC  X(10)  VALUE 'DIRECT'.        07310000
00116 C 003500      02  VSIO-DYNAMIC             PIC  X(10)  VALUE 'DYNAMIC'.      07320000
00117 C 003600      02  VSIO-INPUT               PIC  X(06)  VALUE 'INPUT'.        07330000
00118 C 003700      02  VSIO-OUTPUT              PIC  X(06)  VALUE 'OUTPUT'.       07340000
00119 C 003800      02  VSIO-INPUT-OUTPUT        PIC  X(06)  VALUE 'UPDATE'.      07350000
00120 C 003900                                07360000
00121 C 004000* ***** *07370000
00122 C 004100* THE VSIO-PARAMETER-BLOCK IS THE COMMUNICATION INTERFACE TO *07380000
00123 C 004200* THE ROUTINE. *07390000
00124 C 004300* ***** *07400000
00125 C 004400 01  VSIO-PARAMETER-BLOCK.          07410000
00126 C 004500      02  VSIO-COMMAND              PIC  X(08).          07420000
00127 C 004600      02  VSIO-RETURN-CODE          PIC  S9(04)  COMP.          07430000
00128 C 004700          88  VSIO-SUCCESS          VALUE +0.          07440000
00129 C 004800          88  VSIO-LOGIC-ERROR        VALUE +8.          07450000
00130 C 004900          88  VSIO-END-OF-FILE        VALUE +9999.        07460000
00131 C 005000          88  VSIO-PARAMETER-ERROR    VALUE +20 THRU +28.  07470000
00132 C 005100          88  VSIO-COMMAND-UNKNOWN    VALUE +20.          07480000
00133 C 005200          88  VSIO-DATASET-ALREADY-OPEN VALUE +21.          07490000
00134 C 005300          88  VSIO-DATASET-NOT-OPEN    VALUE +22.          07500000
00135 C 005400          88  VSIO-ORGANIZATION-KEYWORD VALUE +23.          07510000
00136 C 005500          88  VSIO-ACCESS-KEYWORD     VALUE +24.          07520000
00137 C 005600          88  VSIO-ACCESS-UNSUPPORTED VALUE +25.          07530000
00138 C 005700          88  VSIO-MODE-KEYWORD       VALUE +26.          07540000
00139 C 005800          88  VSIO-MODE-UNSUPPORTED   VALUE +27.          07550000
00140 C 005900          88  VSIO-DDNAME-BLANK       VALUE +28.          07560000
00141 C 006000      02  VSIO-VSAM-RETURN-CODE      PIC  S9(04)  COMP.          07570000
00142 C 006100      02  VSIO-VSAM-FUNCTION-CODE    PIC  S9(04)  COMP.          07580000
00143 C 006200      02  VSIO-VSAM-FEEDBACK-CODE    PIC  S9(04)  COMP.          07590000
00144 C 006300          88  VSIO-DUPLICATE-RECORD   VALUE +8.          07600000
00145 C 006400          88  VSIO-SEQUENCE-ERROR     VALUE +12.          07610000
00146 C 006500          88  VSIO-RECORD-NOT-FOUND   VALUE +16.          07620000
00147 C 006600          88  VSIO-NO-MORE-SPACE      VALUE +28.          07630000
00148 C 006700          88  VSIO-READ-WITHOUT-START VALUE +88.          07640000
00149 C 006800* ***** *07650000
00150 C 006900*                END OF VSAMIO COPY BOOK *07660000
00151 C 007000* ***** *07670000
00152      01  KSDSF01                COPY VSAMIOFB.
00153 C 000100* ***** *00000100
00154 C 000200* ***** *00000200
00155 C 000300* VV  VV  SSSSS  A  M  M  IIII  00000  FFFFFFFF  BBBBBB *00000300
00156 C 000400* VV  VV  SS  SS  AAA  MM  MM  II  00  00  FF  BB  BB *00000400
00157 C 000500* VV  VV  SS  AA  AA  MMM  MMM  II  00  00  FF  BB  BB *00000500
00158 C 000600* VV  VV  SSSSS  AA  AA  MMMMMM  II  00  00  FFFFF  BBBBBB *00000600
00159 C 000700* VV  VV  SS  SS  AA  AA  MM  M  MM  II  00  00  FF  BB  BB *00000700
00160 C 000800* VV  VV  SS  SS  AAAAAA  MM  MM  II  00  00  FF  BB  BB *00000800
00161 C 000900* VVV  SS  SS  AA  AA  MM  MM  II  00  00  FF  BB  BB *00000900
00162 C 001000* V  SSSSS  AA  AA  MM  MM  IIII  00000  FF  BBBBBB *00001000
00163 C 001100* ***** *00001100
00164 C 001200* ***** *00001200
00165 C 001300* THESE PARAMETERS ARE USED TO INTERFACE WITH THE VSAM DATASET *00001300
00166 C 001400* ACCESS ROUTINE, AND ARE USED TO COMMUNICATE CHARACTERISTICS *00001400
00167 C 001500* FOR A SINGLE VSAM DATASET. *00001500
00168 C 001600* ***** *00001600

```

```

00169 C 001700* WITH THE 2 EXCEPTIONS FOR RECORD LENGTH (TO ACCOMODATE      *00001700
00170 C 001800* VARIABLE LENGTH RECORDS) AND RELATIVE RECORD (TO ACCOMODATE *00001800
00171 C 001900* RELATIVE RECORD DATASETS) THESE DATA NAMES MUST BE POPULATED *00001900
00172 C 002000* PRIOR TO CALLING THE ROUTINE TO OPEN THE DATASET AND MUST NOT *00002000
00173 C 002100* THEN BE CHANGED UNTIL THE DATASET HAS BEEN CLOSED.      *00002100
00174 C 002200* ***** *00002200
00175 C 002300 01  KSDSF01. *00002300
00176 C 002400      02  VSIO-DDNAME          PIC  X(08)  VALUE SPACES.      *00002400
00177 C 002500      02  VSIO-ORGANIZATION     PIC  X(04)  VALUE SPACES.      *00002500
00178 C 002600      02  VSIO-ACCESS           PIC  X(10)  VALUE SPACES.      *00002600
00179 C 002700      02  VSIO-MODE             PIC  X(06)  VALUE SPACES.      *00002700
00180 C 002800      02  VSIO-RECORD-LENGTH     PIC  S9(04)  COMP VALUE +0.    *00002800
00181 C 002900      02  VSIO-KEY-ARGUMENT.      *00002900
00182 C 003000          03  VSIO-KEY-POSITION   PIC  S9(04)  COMP VALUE +0.    *00003000
00183 C 003100          03  VSIO-KEY-LENGTH     PIC  S9(04)  COMP VALUE +0.    *00003100
00184 C 003200      02  VSIO-RELATIVE-RECORD   REDEFINES VSIO-KEY-ARGUMENT *00003200
00185 C 003300          PIC  S9(08)  COMP.      *00003300
00186 C 003400      02  FILLER                 PIC  X(01)  VALUE 'C'.      *00003400
00187 C 003500          88  VSIO-FILE-OPEN      VALUE 'O'.      *00003500
00188 C 003600          88  VSIO-FILE-CLOSED    VALUE 'C'.      *00003600
00189 C 003700      02  FILLER                 PIC  X(161). *00003700
00190 C 003800* ***** *00003800
00191 C 003900*                END OF VSAMIOFB COPY BOOK *00003900
00192 C 004000* ***** *00004000
00193      01  STUDENT-MASTER-RECORD          COPY 'STMASTER'.
00194 C      *-----*
00195 C      * STUDENT INFORMATION MASTER RECORD.
00196 C      *-----*
00197 C      01  STUDENT-MASTER-RECORD.
00198 C          02  SI-STUDENT-NUMBER          PIC  9(09).
00199 C          02  SI-FIRST-NAME              PIC  X(11).
00200 C          02  SI-MINITIAL                 PIC  X(01).
00201 C          02  SI-LAST-NAME               PIC  X(10).
00202 C          02  SI-STREET                   PIC  X(35).
00203 C          02  SI-CITY                     PIC  X(20).
00204 C          02  SI-STATE                    PIC  X(02).
00205 C          02  SI-ZIPCODE                  PIC  X(05).
00206 C          02  SI-BIRTH-DATE              PIC  X(08).
00207 C          02  SI-ENROLL-DATE             PIC  X(08).
00208 C          02  SI-CONTACT-DATE            PIC  X(08).
00209 C          02  SI-GENDER                  PIC  X(01).
00210 C          02  SI-SORT-NAME                PIC  X(30).
00211 C          02  FILLER                     PIC  X(02).
00212
00213      01  FIELD-UPDATE-FLAGS.
00214          02  FUF-FIRST-NAME                PIC  X.
00215          02  FUF-MINITIAL                 PIC  X.
00216          02  FUF-LAST-NAME                PIC  X.
00217          02  FUF-STREET                   PIC  X.
00218          02  FUF-CITY                     PIC  X.
00219          02  FUF-STATE                    PIC  X.
00220          02  FUF-ZIPCODE                  PIC  X.
00221          02  FUF-BIRTH-DATE              PIC  X.
00222          02  FUF-ENROLL-DATE             PIC  X.
00223          02  FUF-CONTACT-DATE            PIC  X.
00224          02  FUF-GENDER                  PIC  X.
00225          02  FUF-SORT-NAME                PIC  X.

```

```

00226
00227      01  UPDATE-FIELDS              COPY 'STMASTER'.
00228 C      * -----*
00229 C      * STUDENT INFORMATION MASTER RECORD.
00230 C      * -----*
00231 C      01  UPDATE-FIELDS.
00232 C          02  SI-STUDENT-NUMBER      PIC 9(09).
00233 C          02  SI-FIRST-NAME          PIC X(11).
00234 C          02  SI-MINITIAL            PIC X(01).
00235 C          02  SI-LAST-NAME            PIC X(10).
00236 C          02  SI-STREET               PIC X(35).
00237 C          02  SI-CITY                 PIC X(20).
00238 C          02  SI-STATE                PIC X(02).
00239 C          02  SI-ZIPCODE              PIC X(05).
00240 C          02  SI-BIRTH-DATE           PIC X(08).
00241 C          02  SI-ENROLL-DATE          PIC X(08).
00242 C          02  SI-CONTACT-DATE         PIC X(08).
00243 C          02  SI-GENDER               PIC X(01).
00244 C          02  SI-SORT-NAME            PIC X(30).
00245 C          02  FILLER                  PIC X(02).
00246
00247      01  PRIOR-FIELDS                COPY 'STMASTER'.
00248 C      * -----*
00249 C      * STUDENT INFORMATION MASTER RECORD.
00250 C      * -----*
00251 C      01  PRIOR-FIELDS.
00252 C          02  SI-STUDENT-NUMBER      PIC 9(09).
00253 C          02  SI-FIRST-NAME          PIC X(11).
00254 C          02  SI-MINITIAL            PIC X(01).
00255 C          02  SI-LAST-NAME            PIC X(10).
00256 C          02  SI-STREET               PIC X(35).
00257 C          02  SI-CITY                 PIC X(20).
00258 C          02  SI-STATE                PIC X(02).
00259 C          02  SI-ZIPCODE              PIC X(05).
00260 C          02  SI-BIRTH-DATE           PIC X(08).
00261 C          02  SI-ENROLL-DATE          PIC X(08).
00262 C          02  SI-CONTACT-DATE         PIC X(08).
00263 C          02  SI-GENDER               PIC X(01).
00264 C          02  SI-SORT-NAME            PIC X(30).
00265 C          02  FILLER                  PIC X(02).
00266
00267      01  WS-SORT-NAME.
00268          02  WSSN-CH                  OCCURS 30 TIMES
00269                                     INDEXED BY WSSN-IX
00270                                     PIC X.
00271
00272      01  WS-SOURCE.
00273          02  WSS-CH                    OCCURS 11 TIMES
00274                                     INDEXED BY WSS-IX
00275                                     PIC X.
00276
00277      REPORT SECTION.
00278      RD  UPDATE-REPORT
00279          PAGE LIMIT IS 66 LINES
00280          HEADING 2
00281          FIRST DETAIL 5
00282          LAST DETAIL 58.

```

```

00283
00284      01  PAGE-HEAD-GROUP TYPE PAGE HEADING.
00285      02  LINE 2.
00286          03  COLUMN 01  PIC X(10) SOURCE Y2K-DFMTP-OUTPUT.
00287          03  COLUMN 15  PIC X(03) VALUE '(V)'.
00288          03  COLUMN 24  PIC X(07) VALUE 'Student'.
00289          03  COLUMN 34  PIC X(06) VALUE 'Master'.
00290          03  COLUMN 43  PIC X(06) VALUE 'Update'.
00291          03  COLUMN 52  PIC X(06) VALUE 'Report'.
00292          03  COLUMN 71  PIC X(04) VALUE 'Page'.
00293          03  COLUMN 76  PIC Z,ZZ9 SOURCE PAGE-COUNTER.
00294      02  LINE 3.
00295          03  COLUMN 01  PIC X(11) SOURCE Y2K-GETDP-CLOCK12.
00296
00297      01  UPDATE-DETAIL TYPE DETAIL.
00298      02  LINE PLUS 1.
00299          03  COLUMN 04  PIC X(09) SOURCE SI-STUDENT-NUMBER
00300                      OF UPDATE-FIELDS.
00301          03  COLUMN 14  PIC X(01) SOURCE UDR-TYPE.
00302          03  COLUMN 16  PIC X(07) SOURCE WS-UPDATE-TYPE.
00303          03  COLUMN 40  PIC X(40) SOURCE WS-STATUS-MESSAGE.
00304      02  LINE PLUS 1.
00305          03  COLUMN 04  PIC X(11) SOURCE SI-FIRST-NAME
00306                      OF PRIOR-FIELDS.
00307          03  COLUMN 16  PIC X(01) SOURCE SI-MINITIAL
00308                      OF PRIOR-FIELDS.
00309          03  COLUMN 28  PIC X(10) SOURCE SI-LAST-NAME
00310                      OF PRIOR-FIELDS.
00311          03  COLUMN 44  PIC X(01) SOURCE FUF-FIRST-NAME.
00312          03  COLUMN 46  PIC X(11) SOURCE SI-FIRST-NAME
00313                      OF STUDENT-MASTER-RECORD.
00314          03  COLUMN 58  PIC X(01) SOURCE FUF-MINITIAL.
00315          03  COLUMN 60  PIC X(01) SOURCE SI-MINITIAL
00316                      OF STUDENT-MASTER-RECORD.
00317          03  COLUMN 62  PIC X(01) SOURCE FUF-LAST-NAME.
00318          03  COLUMN 64  PIC X(10) SOURCE SI-LAST-NAME
00319                      OF STUDENT-MASTER-RECORD.
00320      02  LINE PLUS 1.
00321          03  COLUMN 04  PIC X(35) SOURCE SI-STREET
00322                      OF PRIOR-FIELDS.
00323          03  COLUMN 44  PIC X(01) SOURCE FUF-STREET.
00324          03  COLUMN 46  PIC X(35) SOURCE SI-STREET
00325                      OF STUDENT-MASTER-RECORD.
00326      02  LINE PLUS 1.
00327          03  COLUMN 04  PIC X(20) SOURCE SI-CITY
00328                      OF PRIOR-FIELDS.
00329          03  COLUMN 25  PIC X(02) SOURCE SI-STATE
00330                      OF PRIOR-FIELDS.
00331          03  COLUMN 28  PIC X(05) SOURCE SI-ZIPCODE
00332                      OF PRIOR-FIELDS.
00333          03  COLUMN 44  PIC X(01) SOURCE FUF-CITY.
00334          03  COLUMN 46  PIC X(20) SOURCE SI-CITY
00335                      OF STUDENT-MASTER-RECORD.
00336          03  COLUMN 67  PIC X(01) SOURCE FUF-STATE.
00337          03  COLUMN 69  PIC X(02) SOURCE SI-STATE
00338                      OF STUDENT-MASTER-RECORD.
00339          03  COLUMN 72  PIC X(01) SOURCE FUF-ZIPCODE.

```

00340		03	COLUMN 74	PIC X(05)	SOURCE SI-ZIPCODE
00341					OF STUDENT-MASTER-RECORD.
00342	02		LINE PLUS 1.		
00343		03	COLUMN 04	PIC X(08)	SOURCE SI-BIRTH-DATE
00344					OF PRIOR-FIELDS.
00345		03	COLUMN 13	PIC X(08)	SOURCE SI-ENROLL-DATE
00346					OF PRIOR-FIELDS.
00347		03	COLUMN 22	PIC X(08)	SOURCE SI-CONTACT-DATE
00348					OF PRIOR-FIELDS.
00349		03	COLUMN 31	PIC X(01)	SOURCE SI-GENDER
00350					OF PRIOR-FIELDS.
00351		03	COLUMN 44	PIC X(01)	SOURCE FUF-BIRTH-DATE.
00352		03	COLUMN 46	PIC X(08)	SOURCE SI-BIRTH-DATE
00353					OF STUDENT-MASTER-RECORD.
00354		03	COLUMN 55	PIC X(01)	SOURCE FUF-ENROLL-DATE.
00355		03	COLUMN 57	PIC X(08)	SOURCE SI-ENROLL-DATE
00356					OF STUDENT-MASTER-RECORD.
00357		03	COLUMN 66	PIC X(01)	SOURCE FUF-CONTACT-DATE.
00358		03	COLUMN 67	PIC X(08)	SOURCE SI-CONTACT-DATE
00359					OF STUDENT-MASTER-RECORD.
00360		03	COLUMN 77	PIC X(01)	SOURCE FUF-GENDER.
00361		03	COLUMN 79	PIC X(01)	SOURCE SI-GENDER
00362					OF STUDENT-MASTER-RECORD.
00363	02		LINE PLUS 1.		
00364		03	COLUMN 04	PIC X(30)	SOURCE SI-SORT-NAME
00365					OF PRIOR-FIELDS.
00366		03	COLUMN 44	PIC X(01)	SOURCE FUF-SORT-NAME.
00367		03	COLUMN 46	PIC X(30)	SOURCE SI-SORT-NAME
00368					OF STUDENT-MASTER-RECORD.
00369	02		LINE PLUS 2.		
00370					
00371	01		LOAD-SUMMARY TYPE REPORT FOOTING.		
00372		02	LINE 2.		
00373		03	COLUMN 01	PIC X(10)	SOURCE Y2K-DFMTP-OUTPUT.
00374		03	COLUMN 15	PIC X(03)	VALUE '(V)'.
00375		03	COLUMN 24	PIC X(07)	VALUE 'Student'.
00376		03	COLUMN 34	PIC X(06)	VALUE 'Master'.
00377		03	COLUMN 43	PIC X(06)	VALUE 'Update'.
00378		03	COLUMN 52	PIC X(06)	VALUE 'Report'.
00379		03	COLUMN 71	PIC X(04)	VALUE 'Page'.
00380		03	COLUMN 76	PIC Z,ZZ9	SOURCE PAGE-COUNTER.
00381	02		LINE 3.		
00382		03	COLUMN 01	PIC X(11)	SOURCE Y2K-GETDP-CLOCK12.
00383	02		LINE 6.		
00384		03	COLUMN 13	PIC ZZ,ZZ9	SOURCE UPDATES-COUNT.
00385		03	COLUMN 20	PIC X(30)	VALUE
00386					'Records read from UPDATEI'.
00387	02		LINE PLUS 2.		
00388		03	COLUMN 13	PIC ZZ,ZZ9	SOURCE ERROR-COUNT.
00389		03	COLUMN 20	PIC X(30)	VALUE
00390					'Records rejected with errors'.
00391	02		LINE PLUS 2.		
00392		03	COLUMN 13	PIC ZZ,ZZ9	SOURCE ADDITIONS-COUNT.
00393		03	COLUMN 20	PIC X(30)	VALUE
00394					'Records added to STMASTU'.
00395	02		LINE PLUS 2.		
00396		03	COLUMN 13	PIC ZZ,ZZ9	SOURCE CHANGES-COUNT.

```

00397          03  COLUMN 20  PIC X(30)  VALUE
00398          'Records changed in STMASTU'.
00399          02  LINE PLUS 2.
00400          03  COLUMN 13  PIC ZZ,ZZ9  SOURCE DELETIONS-COUNT.
00401          03  COLUMN 20  PIC X(30)  VALUE
00402          'Records deleted from STMASTU'.
00403
00404  PROCEDURE DIVISION.
00405
00406  0000-MAIN SECTION.
00407
00408  0000-UPDATE-STUDENT-FILE.
00409
00410          CALL 'Y2KGETD' USING Y2K-GETD-PARAMETERS.
00411          MOVE Y2K-GETDP-DATE-G TO Y2K-DFMTP-DATEIN.
00412          MOVE '1' TO Y2K-DFMTP-MAJOR.
00413          MOVE '3' TO Y2K-DFMTP-MINOR.
00414          CALL 'Y2KDFMT' USING Y2K-DFMT-PARAMETERS.
00415
00416          OPEN INPUT  UPDATES-FILE,
00417                  OUTPUT REPORT-FILE.
00418
00419          MOVE 'STMASTU' TO VSIO-DDNAME.
00420          MOVE VSIO-KSDS TO VSIO-ORGANIZATION.
00421          MOVE VSIO-DIRECT TO VSIO-ACCESS.
00422          MOVE VSIO-INPUT-OUTPUT TO VSIO-MODE.
00423          MOVE +150 TO VSIO-RECORD-LENGTH.
00424          MOVE +0 TO VSIO-KEY-POSITION.
00425          MOVE +9 TO VSIO-KEY-LENGTH.
00426          MOVE VSIO-OPEN TO VSIO-COMMAND.
00427          CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,
00428                          STUDENT-MASTER-RECORD.
00429          IF NOT VSIO-SUCCESS
00430              DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00431                      VSIO-COMMAND
00432              EXHIBIT NAMED VSIO-RETURN-CODE,
00433              EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00434                          VSIO-VSAM-FUNCTION-CODE,
00435                          VSIO-VSAM-FEEDBACK-CODE
00436              MOVE +12 TO RETURN-CODE
00437              STOP RUN.
00438
00439          INITIATE UPDATE-REPORT.
00440
00441          PERFORM 1100-READ-UPDATES-FILE
00442                  THRU 1199-EXIT
00443                  UNTIL UPDATES-FILE-EOF.
00444
00445          TERMINATE UPDATE-REPORT.
00446
00447          CLOSE UPDATES-FILE,
00448                  REPORT-FILE.
00449
00450          MOVE VSIO-CLOSE TO VSIO-COMMAND.
00451          CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,
00452                          STUDENT-MASTER-RECORD.
00453          IF NOT VSIO-SUCCESS

```

```

00454          DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00455                VSIO-COMMAND
00456          EXHIBIT NAMED VSIO-RETURN-CODE,
00457          EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00458                VSIO-VSAM-FUNCTION-CODE,
00459                VSIO-VSAM-FEEDBACK-CODE
00460          MOVE +12 TO RETURN-CODE.
00461
00462          GOBACK.
00463
00464          1000-LEVEL-1-ROUTINES SECTION.
00465
00466          1100-READ-UPDATES-FILE.
00467
00468          READ UPDATES-FILE
00469          AT END MOVE 'Y' TO UPDATES-FILE-EOF-SW.
00470
00471          IF UPDATES-FILE-NOT-EOF
00472          PERFORM 2100-PROCESS-UPDATE-RECORD
00473          THRU 2199-EXIT.
00474
00475          1199-EXIT.
00476          EXIT.
00477
00478          2000-LEVEL-2-ROUTINES SECTION.
00479
00480          2100-PROCESS-UPDATE-RECORD.
00481
00482          ADD 1 TO UPDATES-COUNT.
00483
00484          MOVE SPACES TO FIELD-UPDATE-FLAGS,
00485                PRIOR-FIELDS.
00486
00487          IF ACTION-IS-ADD
00488          MOVE 'Add' TO WS-UPDATE-TYPE
00489          ELSE
00490          IF ACTION-IS-CHANGE
00491          MOVE 'Change' TO WS-UPDATE-TYPE
00492          ELSE
00493          IF ACTION-IS-DELETE
00494          MOVE 'Delete' TO WS-UPDATE-TYPE
00495          ELSE
00496          MOVE 'Invalid' TO WS-UPDATE-TYPE
00497          MOVE 'Update code is not valid (A/C/D)'
00498          TO WS-STATUS-MESSAGE.
00499
00500          IF ACTION-IS-VALID
00501          MOVE UDR-CHANGE-FIELDS TO UPDATE-FIELDS
00502          PERFORM 2200-PROCESS-VALID-UPDATE
00503          THRU 2299-EXIT
00504          ELSE
00505          ADD 1 TO ERROR-COUNT
00506          EXAMINE UPDATE-FIELDS
00507          REPLACING ALL LOW-VALUES BY SPACES
00508          MOVE UPDATE-FIELDS TO STUDENT-MASTER-RECORD.
00509
00510          GENERATE UPDATE-DETAIL.

```

10

```
00511
00512     2199-EXIT.
00513     EXIT.
00514
00515     2200-PROCESS-VALID-UPDATE.
00516
00517     MOVE SI-STUDENT-NUMBER OF UPDATE-FIELDS
00518         TO SI-STUDENT-NUMBER OF STUDENT-MASTER-RECORD.
00519     MOVE 'U' TO STUDENT-MASTER-EXISTS-SW.
00520
00521     MOVE VSIO-READ TO VSIO-COMMAND.
00522     CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,
00523                     STUDENT-MASTER-RECORD.
00524     IF VSIO-SUCCESS
00525         MOVE 'Y' TO STUDENT-MASTER-EXISTS-SW
00526     ELSE
00527         IF VSIO-RECORD-NOT-FOUND
00528             MOVE 'N' TO STUDENT-MASTER-EXISTS-SW
00529         ELSE
00530             DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00531                     VSIO-COMMAND
00532             EXHIBIT NAMED VSIO-RETURN-CODE,
00533             EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00534                     VSIO-VSAM-FUNCTION-CODE,
00535                     VSIO-VSAM-FEEDBACK-CODE
00536             MOVE +12 TO RETURN-CODE
00537             STOP RUN.
00538
00539     IF STUDENT-MASTER-NOT-EXISTS
00540         MOVE SPACES TO STUDENT-MASTER-RECORD.
00541
00542     IF ACTION-IS-ADD
00543         PERFORM 3100-PROCESS-ADD
00544             THRU 3199-EXIT
00545     ELSE
00546         IF ACTION-IS-CHANGE
00547             PERFORM 3200-PROCESS-CHANGE
00548                 THRU 3299-EXIT
00549         ELSE
00550             IF ACTION-IS-DELETE
00551                 PERFORM 3300-PROCESS-DELETE
00552                     THRU 3399-EXIT.
00553
00554     2299-EXIT.
00555     EXIT.
00556
00557     3000-LEVEL-3-ROUTINES SECTION.
00558
00559     3100-PROCESS-ADD.
00560
00561     IF STUDENT-MASTER-EXISTS
00562         MOVE 'Attempted add for existing ID'
00563             TO WS-STATUS-MESSAGE
00564         MOVE STUDENT-MASTER-RECORD TO PRIOR-FIELDS
00565         EXAMINE UPDATE-FIELDS
00566             REPLACING ALL LOW-VALUES BY SPACE
00567         MOVE UPDATE-FIELDS TO STUDENT-MASTER-RECORD
```

11

```
00568          ADD 1 TO ERROR-COUNT
00569      ELSE
00570          PERFORM 4100-PROCESS-VALID-ADD
00571              THRU 4199-EXIT.
00572
00573      3199-EXIT.
00574          EXIT.
00575
00576      3200-PROCESS-CHANGE.
00577
00578          MOVE STUDENT-MASTER-RECORD TO PRIOR-FIELDS.
00579
00580      IF STUDENT-MASTER-NOT-EXISTS
00581          MOVE 'Master record not found for ID'
00582              TO WS-STATUS-MESSAGE
00583          EXAMINE UPDATE-FIELDS
00584              REPLACING ALL LOW-VALUES BY SPACE
00585          MOVE UPDATE-FIELDS TO STUDENT-MASTER-RECORD
00586          ADD 1 TO ERROR-COUNT
00587      ELSE
00588          PERFORM 4200-PROCESS-VALID-CHANGE
00589              THRU 4299-EXIT.
00590
00591      3299-EXIT.
00592          EXIT.
00593
00594      3300-PROCESS-DELETE.
00595
00596      IF STUDENT-MASTER-NOT-EXISTS
00597          MOVE 'Master record not found for ID'
00598              TO WS-STATUS-MESSAGE
00599          MOVE SPACES TO STUDENT-MASTER-RECORD
00600          MOVE SI-STUDENT-NUMBER OF UPDATE-FIELDS
00601              TO SI-STUDENT-NUMBER OF STUDENT-MASTER-RECORD
00602          ADD 1 TO ERROR-COUNT
00603      ELSE
00604          PERFORM 4300-PROCESS-VALID-DELETE
00605              THRU 4399-EXIT.
00606
00607      3399-EXIT.
00608          EXIT.
00609
00610      4000-LEVEL-4-ROUTINES SECTION.
00611
00612      4100-PROCESS-VALID-ADD.
00613
00614          MOVE UPDATE-FIELDS TO STUDENT-MASTER-RECORD.
00615          PERFORM 5100-BUILD-SORT-NAME
00616              THRU 5199-EXIT.
00617
00618          MOVE VSIO-WRITE TO VSIO-COMMAND.
00619          CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,
00620                          STUDENT-MASTER-RECORD.
00621
00622      IF VSIO-SUCCESS
00623          ADD 1 TO ADDITIONS-COUNT
00624          MOVE 'Record added successfully'
```

```

00625             TO WS-STATUS-MESSAGE
00626     ELSE
00627         IF VSIO-NO-MORE-SPACE
00628             ADD 1 TO ERROR-COUNT
00629             MOVE 'No more space in cluster'
00630                 TO WS-STATUS-MESSAGE
00631     ELSE
00632         DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00633             VSIO-COMMAND
00634         EXHIBIT NAMED VSIO-RETURN-CODE,
00635         EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00636             VSIO-VSAM-FUNCTION-CODE,
00637             VSIO-VSAM-FEEDBACK-CODE
00638         MOVE +12 TO RETURN-CODE
00639         STOP RUN.
00640
00641 4199-EXIT.
00642     EXIT.
00643
00644 4200-PROCESS-VALID-CHANGE.
00645
00646     IF SI-FIRST-NAME OF UPDATE-FIELDS NOT = LOW-VALUES
00647         MOVE '>' TO FUF-FIRST-NAME,
00648             FUF-SORT-NAME
00649         MOVE SI-FIRST-NAME OF UPDATE-FIELDS
00650             TO SI-FIRST-NAME OF STUDENT-MASTER-RECORD.
00651
00652     IF SI-MINITIAL OF UPDATE-FIELDS NOT = LOW-VALUES
00653         MOVE '>' TO FUF-MINITIAL
00654             FUF-SORT-NAME
00655         MOVE SI-MINITIAL OF UPDATE-FIELDS
00656             TO SI-MINITIAL OF STUDENT-MASTER-RECORD.
00657
00658     IF SI-LAST-NAME OF UPDATE-FIELDS NOT = LOW-VALUES
00659         MOVE '>' TO FUF-LAST-NAME
00660             FUF-SORT-NAME
00661         MOVE SI-LAST-NAME OF UPDATE-FIELDS
00662             TO SI-LAST-NAME OF STUDENT-MASTER-RECORD.
00663
00664     IF SI-STREET OF UPDATE-FIELDS NOT = LOW-VALUES
00665         MOVE '>' TO FUF-STREET
00666         MOVE SI-STREET OF UPDATE-FIELDS
00667             TO SI-STREET OF STUDENT-MASTER-RECORD.
00668
00669     IF SI-CITY OF UPDATE-FIELDS NOT = LOW-VALUES
00670         MOVE '>' TO FUF-CITY
00671         MOVE SI-CITY OF UPDATE-FIELDS
00672             TO SI-CITY OF STUDENT-MASTER-RECORD.
00673
00674     IF SI-STATE OF UPDATE-FIELDS NOT = LOW-VALUES
00675         MOVE '>' TO FUF-STATE
00676         MOVE SI-STATE OF UPDATE-FIELDS
00677             TO SI-STATE OF STUDENT-MASTER-RECORD.
00678
00679     IF SI-ZIPCODE OF UPDATE-FIELDS NOT = LOW-VALUES
00680         MOVE '>' TO FUF-ZIPCODE
00681         MOVE SI-ZIPCODE OF UPDATE-FIELDS

```

```

00682          TO SI-ZIPCODE OF STUDENT-MASTER-RECORD.
00683
00684      IF SI-BIRTH-DATE OF UPDATE-FIELDS NOT = LOW-VALUES
00685          MOVE '>' TO FUF-BIRTH-DATE
00686          MOVE SI-BIRTH-DATE OF UPDATE-FIELDS
00687          TO SI-BIRTH-DATE OF STUDENT-MASTER-RECORD.
00688
00689      IF SI-ENROLL-DATE OF UPDATE-FIELDS NOT = LOW-VALUES
00690          MOVE '>' TO FUF-ENROLL-DATE
00691          MOVE SI-ENROLL-DATE OF UPDATE-FIELDS
00692          TO SI-ENROLL-DATE OF STUDENT-MASTER-RECORD.
00693
00694      IF SI-CONTACT-DATE OF UPDATE-FIELDS NOT = LOW-VALUES
00695          MOVE '>' TO FUF-CONTACT-DATE
00696          MOVE SI-CONTACT-DATE OF UPDATE-FIELDS
00697          TO SI-CONTACT-DATE OF STUDENT-MASTER-RECORD.
00698
00699      IF SI-GENDER OF UPDATE-FIELDS NOT = LOW-VALUES
00700          MOVE '>' TO FUF-GENDER
00701          MOVE SI-GENDER OF UPDATE-FIELDS
00702          TO SI-GENDER OF STUDENT-MASTER-RECORD.
00703
00704      IF FUF-FIRST-NAME = '>'
00705      OR FUF-MINITIAL = '>'
00706      OR FUF-LAST-NAME = '>'
00707          MOVE '>' TO FUF-SORT-NAME
00708          PERFORM 5100-BUILD-SORT-NAME
00709          THRU 5199-EXIT.
00710
00711      MOVE VSIO-REWRITE TO VSIO-COMMAND.
00712      CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,
00713                      STUDENT-MASTER-RECORD.
00714      IF VSIO-SUCCESS
00715          ADD 1 TO CHANGES-COUNT
00716          MOVE 'Record changed successfully'
00717          TO WS-STATUS-MESSAGE
00718      ELSE
00719          DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00720                  VSIO-COMMAND
00721          EXHIBIT NAMED VSIO-RETURN-CODE,
00722          EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00723                      VSIO-VSAM-FUNCTION-CODE,
00724                      VSIO-VSAM-FEEDBACK-CODE
00725          MOVE +12 TO RETURN-CODE
00726          STOP RUN.
00727
00728      4299-EXIT.
00729      EXIT.
00730
00731      4300-PROCESS-VALID-DELETE.
00732
00733          MOVE SPACES TO UPDATE-FIELDS.
00734
00735          MOVE VSIO-DELETE TO VSIO-COMMAND.
00736          CALL 'VSAMIO' USING VSIO-PARAMETER-BLOCK, KSDSF01,
00737                      STUDENT-MASTER-RECORD.
00738          IF VSIO-SUCCESS

```

```
00739      ADD 1 TO DELETIONS-COUNT
00740      MOVE 'Record deleted successfully'
00741          TO WS-STATUS-MESSAGE
00742      MOVE STUDENT-MASTER-RECORD TO PRIOR-FIELDS
00743      MOVE SPACES TO STUDENT-MASTER-RECORD
00744      ELSE
00745          DISPLAY 'VSAMIO ERROR OCCURRED DURING '
00746              VSIO-COMMAND
00747          EXHIBIT NAMED VSIO-RETURN-CODE,
00748          EXHIBIT NAMED VSIO-VSAM-RETURN-CODE,
00749              VSIO-VSAM-FUNCTION-CODE,
00750              VSIO-VSAM-FEEDBACK-CODE
00751      MOVE +12 TO RETURN-CODE
00752      STOP RUN.
00753
00754      4399-EXIT.
00755      EXIT.
00756
00757      5000-LEVEL-5-ROUTINES SECTION.
00758
00759      5100-BUILD-SORT-NAME.
00760
00761      MOVE SPACES TO WS-SORT-NAME.
00762      MOVE SI-LAST-NAME OF STUDENT-MASTER-RECORD TO WS-SOURCE.
00763      SET WSS-IX, WSSN-IX TO 1.
00764      PERFORM 6100-MOVE-CHARACTER
00765          UNTIL WSS-CH (WSS-IX) = SPACE
00766              OR WSS-IX > 10.
00767      MOVE SI-FIRST-NAME OF STUDENT-MASTER-RECORD TO WS-SOURCE.
00768      SET WSS-IX TO 1.
00769      PERFORM 6100-MOVE-CHARACTER
00770          UNTIL WSS-CH (WSS-IX) = SPACE
00771              OR WSS-IX > 11.
00772      MOVE SI-MINITIAL OF STUDENT-MASTER-RECORD
00773          TO WSSN-CH (WSSN-IX).
00774      MOVE WS-SORT-NAME
00775          TO SI-SORT-NAME OF STUDENT-MASTER-RECORD.
00776
00777      5199-EXIT.
00778      EXIT.
00779
00780      6000-LEVEL-6-ROUTINES SECTION.
00781
00782      6100-MOVE-CHARACTER.
00783
00784      MOVE WSS-CH (WSS-IX) TO WSSN-CH (WSSN-IX).
00785      SET WSS-IX, WSSN-IX UP BY 1.
00786
```

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=2-265	FD	UPDATES-FILE	DCB=01		DNM=2-265		QSAM				F
DNM=2-290	01	UPDATES-DATA-RECORD	BL=1	000	DNM=2-290	DS 0CL151	GROUP				
DNM=2-322	02	UDR-TYPE	BL=1	000	DNM=2-322	DS 1C	DISP				
DNM=2-343	88	ACTION-IS-ADD			DNM=2-343						
DNM=2-367	88	ACTION-IS-CHANGE			DNM=2-367						
DNM=2-394	88	ACTION-IS-DELETE			DNM=2-394						
DNM=2-424	88	ACTION-IS-VALID			DNM=2-424						
DNM=2-449	02	UDR-CHANGE-FIELDS	BL=1	001	DNM=2-449	DS 150C	DISP				
DNM=2-476	FD	REPORT-FILE	DCB=02		DNM=2-476		QSAM				F
DNM=3-000	01	-0001	BL=2	000	DNM=3-000	DS 133C	DISP				
DNM=3-018	01	UPDATES-FILE-EOF-SW	BL=3	000	DNM=3-018	DS 1C	DISP				
DNM=3-050	88	UPDATES-FILE-EOF			DNM=3-050						
DNM=3-077	88	UPDATES-FILE-NOT-EOF			DNM=3-077						
DNM=3-108	01	STUDENT-MASTER-EXISTS-SW	BL=3	008	DNM=3-108	DS 1C	DISP				
DNM=3-145	88	STUDENT-MASTER-UNKNOWN			DNM=3-145						
DNM=3-178	88	STUDENT-MASTER-EXISTS			DNM=3-178						
DNM=3-210	88	STUDENT-MASTER-NOT-EXISTS			DNM=3-210						
DNM=3-246	01	WS-STATUS-MESSAGE	BL=3	010	DNM=3-246	DS 40C	DISP				
DNM=3-273	01	WS-UPDATE-TYPE	BL=3	038	DNM=3-273	DS 7C	DISP				
DNM=3-300	01	Y2K-GETD-PARAMETERS	BL=3	040	DNM=3-300	DS 0CL41	GROUP				
DNM=3-332	02	Y2K-GETDP-DATE-G	BL=3	040	DNM=3-332	DS 8C	DISP-NM				
DNM=3-358	02	Y2K-GETDP-DATE-J	BL=3	048	DNM=3-358	DS 7C	DISP-NM				
DNM=3-384	02	Y2K-GETDP-ANUM	BL=3	04F	DNM=3-384	DS 7C	DISP-NM				
DNM=3-408	02	Y2K-GETDP-CLOCK	BL=3	056	DNM=3-408	DS 8C	DISP-NM				
DNM=3-433	02	FILLER	BL=3	056	DNM=3-433	DS 0CL8	GROUP	R			
DNM=3-452	03	Y2K-GETDP-CLOCK-HH	BL=3	056	DNM=3-452	DS 2C	DISP-NM				
DNM=3-480	03	Y2K-GETDP-CLOCK-MM	BL=3	058	DNM=3-480	DS 2C	DISP-NM				
DNM=4-000	03	Y2K-GETDP-CLOCK-SS	BL=3	05A	DNM=4-000	DS 2C	DISP-NM				
DNM=4-028	03	Y2K-GETDP-CLOCK-T	BL=3	05C	DNM=4-028	DS 1C	DISP-NM				
DNM=4-055	03	Y2K-GETDP-CLOCK-H	BL=3	05D	DNM=4-055	DS 1C	DISP-NM				
DNM=4-082	02	Y2K-GETDP-CLOCK12	BL=3	05E	DNM=4-082	DS 11C	DISP				
DNM=4-109	01	Y2K-DFMT-PARAMETERS	BL=3	070	DNM=4-109	DS 0CL42	GROUP				
DNM=4-141	02	Y2K-DFMTP-DATEIN	BL=3	070	DNM=4-141	DS 8C	DISP				
DNM=4-170	02	Y2K-DFMTP-MAJOR	BL=3	078	DNM=4-170	DS 1C	DISP				
DNM=4-195	02	Y2K-DFMTP-MINOR	BL=3	079	DNM=4-195	DS 1C	DISP				
DNM=4-220	02	Y2K-DFMTP-RETURN-CODE	BL=3	07A	DNM=4-220	DS 1C	DISP-NM				
DNM=4-251	02	Y2K-DFMTP-OUTPUT-SIZE	BL=3	07B	DNM=4-251	DS 2C	DISP-NM				
DNM=4-285	02	Y2K-DFMTP-OUTPUT	BL=3	07D	DNM=4-285	DS 29C	DISP				
DNM=4-311	01	UPDATES-COUNT	BL=3	0A0	DNM=4-311	DS 5C	DISP-NM				
DNM=4-334	01	ERROR-COUNT	BL=3	0A8	DNM=4-334	DS 5C	DISP-NM				
DNM=4-355	01	ADDITIONS-COUNT	BL=3	0B0	DNM=4-355	DS 5C	DISP-NM				
DNM=4-383	01	CHANGES-COUNT	BL=3	0B8	DNM=4-383	DS 5C	DISP-NM				
DNM=4-406	01	DELETIONS-COUNT	BL=3	0C0	DNM=4-406	DS 5C	DISP-NM				
DNM=4-431	01	VSIO-PARAMETER-VALUES	BL=3	0C8	DNM=4-431	DS 0CL124	GROUP				
DNM=4-465	02	VSIO-OPEN	BL=3	0C8	DNM=4-465	DS 8C	DISP				
DNM=4-484	02	VSIO-CLOSE	BL=3	0D0	DNM=4-484	DS 8C	DISP				
DNM=5-000	02	VSIO-READ	BL=3	0D8	DNM=5-000	DS 8C	DISP				
DNM=5-022	02	VSIO-WRITE	BL=3	0E0	DNM=5-022	DS 8C	DISP				
DNM=5-042	02	VSIO-REWRITE	BL=3	0E8	DNM=5-042	DS 8C	DISP				
DNM=5-064	02	VSIO-DELETE	BL=3	0F0	DNM=5-064	DS 8C	DISP				
DNM=5-085	02	VSIO-START-KEY-EQUAL	BL=3	0F8	DNM=5-085	DS 8C	DISP				
DNM=5-118	02	VSIO-START-KEY-NOTLESS	BL=3	100	DNM=5-118	DS 8C	DISP				
DNM=5-153	02	VSIO-KSDS	BL=3	108	DNM=5-153	DS 4C	DISP				
DNM=5-172	02	VSIO-ESDS	BL=3	10C	DNM=5-172	DS 4C	DISP				
DNM=5-191	02	VSIO-RRDS	BL=3	110	DNM=5-191	DS 4C	DISP				

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=5-210	02	VSIO-SEQUENTIAL	BL=3	114	DNM=5-210	DS 10C	DISP				
DNM=5-235	02	VSIO-DIRECT	BL=3	11E	DNM=5-235	DS 10C	DISP				
DNM=5-256	02	VSIO-DYNAMIC	BL=3	128	DNM=5-256	DS 10C	DISP				
DNM=5-278	02	VSIO-INPUT	BL=3	132	DNM=5-278	DS 6C	DISP				
DNM=5-298	02	VSIO-OUTPUT	BL=3	138	DNM=5-298	DS 6C	DISP				
DNM=5-319	02	VSIO-INPUT-OUTPUT	BL=3	13E	DNM=5-319	DS 6C	DISP				
DNM=5-346	01	VSIO-PARAMETER-BLOCK	BL=3	148	DNM=5-346	DS 0CL16	GROUP				
DNM=5-379	02	VSIO-COMMAND	BL=3	148	DNM=5-379	DS 8C	DISP				
DNM=5-401	02	VSIO-RETURN-CODE	BL=3	150	DNM=5-401	DS 2C	COMP				
DNM=5-430	88	VSIO-SUCCESS			DNM=5-430						
DNM=5-455	88	VSIO-LOGIC-ERROR			DNM=5-455						
DNM=6-000	88	VSIO-END-OF-FILE			DNM=6-000						
DNM=6-034	88	VSIO-PARAMETER-ERROR			DNM=6-034						
DNM=6-064	88	VSIO-COMMAND-UNKNOWN			DNM=6-064						
DNM=6-101	88	VSIO-DATASET-ALREADY-OPEN			DNM=6-101						
DNM=6-140	88	VSIO-DATASET-NOT-OPEN			DNM=6-140						
DNM=6-175	88	VSIO-ORGANIZATION-KEYWORD			DNM=6-175						
DNM=6-214	88	VSIO-ACCESS-KEYWORD			DNM=6-214						
DNM=6-247	88	VSIO-ACCESS-UNSUPPORTED			DNM=6-247						
DNM=6-284	88	VSIO-MODE-KEYWORD			DNM=6-284						
DNM=6-315	88	VSIO-MODE-UNSUPPORTED			DNM=6-315						
DNM=6-350	88	VSIO-DDNAME-BLANK			DNM=6-350						
DNM=6-381	02	VSIO-VSAM-RETURN-CODE	BL=3	152	DNM=6-381	DS 2C	COMP				
DNM=6-412	02	VSIO-VSAM-FUNCTION-CODE	BL=3	154	DNM=6-412	DS 2C	COMP				
DNM=6-445	02	VSIO-VSAM-FEEDBACK-CODE	BL=3	156	DNM=6-445	DS 2C	COMP				
DNM=7-000	88	VSIO-DUPLICATE-RECORD			DNM=7-000						
DNM=7-034	88	VSIO-SEQUENCE-ERROR			DNM=7-034						
DNM=7-070	88	VSIO-RECORD-NOT-FOUND			DNM=7-070						
DNM=7-105	88	VSIO-NO-MORE-SPACE			DNM=7-105						
DNM=7-137	88	VSIO-READ-WITHOUT-START			DNM=7-137						
DNM=7-174	01	KSDSF01	BL=3	158	DNM=7-174	DS 0CL196	GROUP				
DNM=7-197	02	VSIO-DDNAME	BL=3	158	DNM=7-197	DS 8C	DISP				
DNM=7-218	02	VSIO-ORGANIZATION	BL=3	160	DNM=7-218	DS 4C	DISP				
DNM=7-248	02	VSIO-ACCESS	BL=3	164	DNM=7-248	DS 10C	DISP				
DNM=7-269	02	VSIO-MODE	BL=3	16E	DNM=7-269	DS 6C	DISP				
DNM=7-291	02	VSIO-RECORD-LENGTH	BL=3	174	DNM=7-291	DS 2C	COMP				
DNM=7-319	02	VSIO-KEY-ARGUMENT	BL=3	176	DNM=7-319	DS 0CL4	GROUP				
DNM=7-349	03	VSIO-KEY-POSITION	BL=3	176	DNM=7-349	DS 2C	COMP				
DNM=7-379	03	VSIO-KEY-LENGTH	BL=3	178	DNM=7-379	DS 2C	COMP				
DNM=7-404	02	VSIO-RELATIVE-RECORD	BL=3	176	DNM=7-404	DS 4C	COMP		R		
DNM=7-434	02	FILLER	BL=3	17A	DNM=7-434	DS 1C	DISP				
DNM=7-456	88	VSIO-FILE-OPEN			DNM=7-456						
DNM=7-481	88	VSIO-FILE-CLOSED			DNM=7-481						
DNM=8-000	02	FILLER	BL=3	17B	DNM=8-000	DS 161C	DISP				
DNM=8-019	01	STUDENT-MASTER-RECORD	BL=3	220	DNM=8-019	DS 0CL150	GROUP				
DNM=8-053	02	SI-STUDENT-NUMBER	BL=3	220	DNM=8-053	DS 9C	DISP-NM				
DNM=8-080	02	SI-FIRST-NAME	BL=3	229	DNM=8-080	DS 11C	DISP				
DNM=8-106	02	SI-MINITIAL	BL=3	234	DNM=8-106	DS 1C	DISP				
DNM=8-130	02	SI-LAST-NAME	BL=3	235	DNM=8-130	DS 10C	DISP				
DNM=8-155	02	SI-STREET	BL=3	23F	DNM=8-155	DS 35C	DISP				
DNM=8-174	02	SI-CITY	BL=3	262	DNM=8-174	DS 20C	DISP				
DNM=8-191	02	SI-STATE	BL=3	276	DNM=8-191	DS 2C	DISP				
DNM=8-209	02	SI-ZIPCODE	BL=3	278	DNM=8-209	DS 5C	DISP				
DNM=8-232	02	SI-BIRTH-DATE	BL=3	27D	DNM=8-232	DS 8C	DISP				
DNM=8-255	02	SI-ENROLL-DATE	BL=3	285	DNM=8-255	DS 8C	DISP				

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=8-279	02	SI-CONTACT-DATE	BL=3	28D	DNM=8-279	DS 8C	DISP				
DNM=8-304	02	SI-GENDER	BL=3	295	DNM=8-304	DS 1C	DISP				
DNM=8-323	02	SI-SORT-NAME	BL=3	296	DNM=8-323	DS 30C	DISP				
DNM=8-348	02	FILLER	BL=3	2B4	DNM=8-348	DS 2C	DISP				
DNM=8-367	01	FIELD-UPDATE-FLAGS	BL=3	2B8	DNM=8-367	DS 0CL12	GROUP				
DNM=8-398	02	FUF-FIRST-NAME	BL=3	2B8	DNM=8-398	DS 1C	DISP				
DNM=8-422	02	FUF-MINITIAL	BL=3	2B9	DNM=8-422	DS 1C	DISP				
DNM=8-444	02	FUF-LAST-NAME	BL=3	2BA	DNM=8-444	DS 1C	DISP				
DNM=8-470	02	FUF-STREET	BL=3	2BB	DNM=8-470	DS 1C	DISP				
DNM=8-493	02	FUF-CITY	BL=3	2BC	DNM=8-493	DS 1C	DISP				
DNM=9-000	02	FUF-STATE	BL=3	2BD	DNM=9-000	DS 1C	DISP				
DNM=9-019	02	FUF-ZIPCODE	BL=3	2BE	DNM=9-019	DS 1C	DISP				
DNM=9-040	02	FUF-BIRTH-DATE	BL=3	2BF	DNM=9-040	DS 1C	DISP				
DNM=9-064	02	FUF-ENROLL-DATE	BL=3	2C0	DNM=9-064	DS 1C	DISP				
DNM=9-089	02	FUF-CONTACT-DATE	BL=3	2C1	DNM=9-089	DS 1C	DISP				
DNM=9-115	02	FUF-GENDER	BL=3	2C2	DNM=9-115	DS 1C	DISP				
DNM=9-135	02	FUF-SORT-NAME	BL=3	2C3	DNM=9-135	DS 1C	DISP				
DNM=9-158	01	UPDATE-FIELDS	BL=3	2C8	DNM=9-158	DS 0CL150	GROUP				
DNM=9-184	02	SI-STUDENT-NUMBER	BL=3	2C8	DNM=9-184	DS 9C	DISP-NM				
DNM=9-214	02	SI-FIRST-NAME	BL=3	2D1	DNM=9-214	DS 11C	DISP				
DNM=9-240	02	SI-MINITIAL	BL=3	2DC	DNM=9-240	DS 1C	DISP				
DNM=9-264	02	SI-LAST-NAME	BL=3	2DD	DNM=9-264	DS 10C	DISP				
DNM=9-289	02	SI-STREET	BL=3	2E7	DNM=9-289	DS 35C	DISP				
DNM=9-311	02	SI-CITY	BL=3	30A	DNM=9-311	DS 20C	DISP				
DNM=9-331	02	SI-STATE	BL=3	31E	DNM=9-331	DS 2C	DISP				
DNM=9-352	02	SI-ZIPCODE	BL=3	320	DNM=9-352	DS 5C	DISP				
DNM=9-375	02	SI-BIRTH-DATE	BL=3	325	DNM=9-375	DS 8C	DISP				
DNM=9-401	02	SI-ENROLL-DATE	BL=3	32D	DNM=9-401	DS 8C	DISP				
DNM=9-428	02	SI-CONTACT-DATE	BL=3	335	DNM=9-428	DS 8C	DISP				
DNM=9-456	02	SI-GENDER	BL=3	33D	DNM=9-456	DS 1C	DISP				
DNM=9-478	02	SI-SORT-NAME	BL=3	33E	DNM=9-478	DS 30C	DISP				
DNM=10-000	02	FILLER	BL=3	35C	DNM=10-000	DS 2C	DISP				
DNM=10-019	01	PRIOR-FIELDS	BL=3	360	DNM=10-019	DS 0CL150	GROUP				
DNM=10-044	02	SI-STUDENT-NUMBER	BL=3	360	DNM=10-044	DS 9C	DISP-NM				
DNM=10-074	02	SI-FIRST-NAME	BL=3	369	DNM=10-074	DS 11C	DISP				
DNM=10-100	02	SI-MINITIAL	BL=3	374	DNM=10-100	DS 1C	DISP				
DNM=10-124	02	SI-LAST-NAME	BL=3	375	DNM=10-124	DS 10C	DISP				
DNM=10-149	02	SI-STREET	BL=3	37F	DNM=10-149	DS 35C	DISP				
DNM=10-171	02	SI-CITY	BL=3	3A2	DNM=10-171	DS 20C	DISP				
DNM=10-191	02	SI-STATE	BL=3	3B6	DNM=10-191	DS 2C	DISP				
DNM=10-212	02	SI-ZIPCODE	BL=3	3B8	DNM=10-212	DS 5C	DISP				
DNM=10-235	02	SI-BIRTH-DATE	BL=3	3BD	DNM=10-235	DS 8C	DISP				
DNM=10-261	02	SI-ENROLL-DATE	BL=3	3C5	DNM=10-261	DS 8C	DISP				
DNM=10-288	02	SI-CONTACT-DATE	BL=3	3CD	DNM=10-288	DS 8C	DISP				
DNM=10-316	02	SI-GENDER	BL=3	3D5	DNM=10-316	DS 1C	DISP				
DNM=10-338	02	SI-SORT-NAME	BL=3	3D6	DNM=10-338	DS 30C	DISP				
DNM=10-363	02	FILLER	BL=3	3F4	DNM=10-363	DS 2C	DISP				
DNM=10-382	01	WS-SORT-NAME	BL=3	3F8	DNM=10-382	DS 0CL30	GROUP				
DNM=10-407		WSSN-IX			DNM=10-407		INDEX-NM				
DNM=10-421	02	WSSN-CH	BL=3	3F8	DNM=10-421	DS 1C	DISP		0		
DNM=10-438	01	WS-SOURCE	BL=3	418	DNM=10-438	DS 0CL11	GROUP				
DNM=10-460		WSS-IX			DNM=10-460		INDEX-NM				
DNM=10-473	02	WSS-CH	BL=3	418	DNM=10-473	DS 1C	DISP		0		
DNM=10-489	01	PRINT-SWITCH	BL=3	428	DNM=10-489	DS 1C	DISP-NM				
DNM=11-000	RD	UPDATE-REPORT			DNM=11-000						

INTRNL NAME	LVL	SOURCE NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=11-025	01	CTL.LVL	BL=3	430	DNM=11-025	DS 2P	COMP-3				
DNM=11-042	01	TER.COD	BL=3	438	DNM=11-042	DS 1C	DISP				
DNM=11-059	01	FRS.GEN	BL=3	440	DNM=11-059	DS 1C	DISP				
DNM=11-076	01	LIN.SAV	BL=3	448	DNM=11-076	DS 2C	COMP				
DNM=11-093	01	FRS.GRP	BL=3	450	DNM=11-093	DS 1C	DISP				
DNM=11-110	01	ABS.LIN	BL=3	458	DNM=11-110	DS 2C	COMP				
DNM=11-127	01	LIN.NUM	BL=3	460	DNM=11-127	DS 2P	COMP-3				
DNM=11-147	01	LINE-COUNTER	BL=3	468	DNM=11-147	DS 3P	COMP-3				
DNM=11-169	01	PAGE-COUNTER	BL=3	470	DNM=11-169	DS 3P	COMP-3				
DNM=11-191	01	RPT.RCD	BL=3	478	DNM=11-191	DS 0CL133	GROUP				
DNM=11-211	02	CTL.CHR	BL=3	478	DNM=11-211	DS 1C	DISP				
DNM=11-228	02	RPT.LIN	BL=3	479	DNM=11-228	DS 132C	DISP				
DNM=11-245	02	E.0001	BL=3	479	DNM=11-245	DS 10C	DISP	R			
DNM=11-261	02	E.0002	BL=3	487	DNM=11-261	DS 3C	DISP	R			
DNM=11-277	02	E.0003	BL=3	490	DNM=11-277	DS 7C	DISP	R			
DNM=11-293	02	E.0004	BL=3	49A	DNM=11-293	DS 6C	DISP	R			
DNM=11-309	02	E.0005	BL=3	4A3	DNM=11-309	DS 6C	DISP	R			
DNM=11-328	02	E.0006	BL=3	4AC	DNM=11-328	DS 6C	DISP	R			
DNM=11-344	02	E.0007	BL=3	4BF	DNM=11-344	DS 4C	DISP	R			
DNM=11-360	02	E.0008	BL=3	4C4	DNM=11-360	DS 5C	NM-EDIT	R			
DNM=11-387	02	E.0009	BL=3	479	DNM=11-387	DS 11C	DISP	R			
DNM=11-406	02	E.0010	BL=3	47C	DNM=11-406	DS 9C	DISP	R			
DNM=11-425	02	E.0011	BL=3	486	DNM=11-425	DS 1C	DISP	R			
DNM=11-441	02	E.0012	BL=3	488	DNM=11-441	DS 7C	DISP	R			
DNM=11-457	02	E.0013	BL=3	4A0	DNM=11-457	DS 40C	DISP	R			
DNM=11-473	02	E.0014	BL=3	47C	DNM=11-473	DS 11C	DISP	R			
DNM=11-492	02	E.0015	BL=3	488	DNM=11-492	DS 1C	DISP	R			
DNM=12-000	02	E.0016	BL=3	494	DNM=12-000	DS 10C	DISP	R			
DNM=12-019	02	E.0017	BL=3	4A4	DNM=12-019	DS 1C	DISP	R			
DNM=12-038	02	E.0018	BL=3	4A6	DNM=12-038	DS 11C	DISP	R			
DNM=12-054	02	E.0019	BL=3	4B2	DNM=12-054	DS 1C	DISP	R			
DNM=12-070	02	E.0020	BL=3	4B4	DNM=12-070	DS 1C	DISP	R			
DNM=12-086	02	E.0021	BL=3	4B6	DNM=12-086	DS 1C	DISP	R			
DNM=12-102	02	E.0022	BL=3	4B8	DNM=12-102	DS 10C	DISP	R			
DNM=12-118	02	E.0023	BL=3	47C	DNM=12-118	DS 35C	DISP	R			
DNM=12-134	02	E.0024	BL=3	4A4	DNM=12-134	DS 1C	DISP	R			
DNM=12-153	02	E.0025	BL=3	4A6	DNM=12-153	DS 35C	DISP	R			
DNM=12-172	02	E.0026	BL=3	47C	DNM=12-172	DS 20C	DISP	R			
DNM=12-191	02	E.0027	BL=3	491	DNM=12-191	DS 2C	DISP	R			
DNM=12-207	02	E.0028	BL=3	494	DNM=12-207	DS 5C	DISP	R			
DNM=12-223	02	E.0029	BL=3	4A4	DNM=12-223	DS 1C	DISP	R			
DNM=12-242	02	E.0030	BL=3	4A6	DNM=12-242	DS 20C	DISP	R			
DNM=12-258	02	E.0031	BL=3	4BB	DNM=12-258	DS 1C	DISP	R			
DNM=12-274	02	E.0032	BL=3	4BD	DNM=12-274	DS 2C	DISP	R			
DNM=12-290	02	E.0033	BL=3	4C0	DNM=12-290	DS 1C	DISP	R			
DNM=12-306	02	E.0034	BL=3	4C2	DNM=12-306	DS 5C	DISP	R			
DNM=12-322	02	E.0035	BL=3	47C	DNM=12-322	DS 8C	DISP	R			
DNM=12-338	02	E.0036	BL=3	485	DNM=12-338	DS 8C	DISP	R			
DNM=12-354	02	E.0037	BL=3	48E	DNM=12-354	DS 8C	DISP	R			
DNM=12-370	02	E.0038	BL=3	497	DNM=12-370	DS 1C	DISP	R			
DNM=12-386	02	E.0039	BL=3	4A4	DNM=12-386	DS 1C	DISP	R			
DNM=12-405	02	E.0040	BL=3	4A6	DNM=12-405	DS 8C	DISP	R			
DNM=12-421	02	E.0041	BL=3	4AF	DNM=12-421	DS 1C	DISP	R			
DNM=12-437	02	E.0042	BL=3	4B1	DNM=12-437	DS 8C	DISP	R			
DNM=12-453	02	E.0043	BL=3	4BA	DNM=12-453	DS 1C	DISP	R			

INTRNL NAME	LVL	SOURCE	NAME	BASE	DISPL	INTRNL NAME	DEFINITION	USAGE	R	O	Q	M
DNM=12-469	02	E.0044		BL=3	4BB	DNM=12-469	DS 8C	DISP	R			
DNM=12-485	02	E.0045		BL=3	4C5	DNM=12-485	DS 1C	DISP	R			
DNM=13-000	02	E.0046		BL=3	4C7	DNM=13-000	DS 1C	DISP	R			
DNM=13-016	02	E.0047		BL=3	47C	DNM=13-016	DS 30C	DISP	R			
DNM=13-032	02	E.0048		BL=3	4A4	DNM=13-032	DS 1C	DISP	R			
DNM=13-048	02	E.0049		BL=3	4A6	DNM=13-048	DS 30C	DISP	R			
DNM=13-067	02	E.0050		BL=3	479	DNM=13-067	DS 10C	DISP	R			
DNM=13-086	02	E.0051		BL=3	487	DNM=13-086	DS 3C	DISP	R			
DNM=13-102	02	E.0052		BL=3	490	DNM=13-102	DS 7C	DISP	R			
DNM=13-121	02	E.0053		BL=3	49A	DNM=13-121	DS 6C	DISP	R			
DNM=13-137	02	E.0054		BL=3	4A3	DNM=13-137	DS 6C	DISP	R			
DNM=13-153	02	E.0055		BL=3	4AC	DNM=13-153	DS 6C	DISP	R			
DNM=13-169	02	E.0056		BL=3	4BF	DNM=13-169	DS 4C	DISP	R			
DNM=13-185	02	E.0057		BL=3	4C4	DNM=13-185	DS 5C	NM-EDIT	R			
DNM=13-215	02	E.0058		BL=3	479	DNM=13-215	DS 11C	DISP	R			
DNM=13-231	02	E.0059		BL=3	485	DNM=13-231	DS 6C	NM-EDIT	R			
DNM=13-261	02	E.0060		BL=3	48C	DNM=13-261	DS 30C	DISP	R			
DNM=13-280	02	E.0061		BL=3	485	DNM=13-280	DS 6C	NM-EDIT	R			
DNM=13-307	02	E.0062		BL=3	48C	DNM=13-307	DS 30C	DISP	R			
DNM=13-326	02	E.0063		BL=3	485	DNM=13-326	DS 6C	NM-EDIT	R			
DNM=13-356	02	E.0064		BL=3	48C	DNM=13-356	DS 30C	DISP	R			
DNM=13-375	02	E.0065		BL=3	485	DNM=13-375	DS 6C	NM-EDIT	R			
DNM=13-402	02	E.0066		BL=3	48C	DNM=13-402	DS 30C	DISP	R			
DNM=13-418	02	E.0067		BL=3	485	DNM=13-418	DS 6C	NM-EDIT	R			
DNM=13-448	02	E.0068		BL=3	48C	DNM=13-448	DS 30C	DISP	R			
DNM=13-464	01	N.0001		BL=3	500	DNM=13-464	DS 2C	COMP				
DNM=13-483	01	GRP.IND		BL=3	508	DNM=13-483	DS 0CL1	GROUP				
DNM=14-000	02	GP.0000		BL=3	508	DNM=14-000	DS 1C	DISP				

```
*STATISTICS*      SOURCE RECORDS =    786      DATA DIVISION STATEMENTS =    169      PROCEDURE DIVISION STATEMENTS =    205
*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
```

```

F64-LEVEL LINKAGE EDITOR OPTIONS SPECIFIED LIST,XREF,LET
      DEFAULT OPTION(S) USED -  SIZE=(65536,38912)
IEW0000      NAME UPDT01V(R)

```

CROSS REFERENCE TABLE

CONTROL SECTION			ENTRY							
NAME	ORIGIN	LENGTH	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION	NAME	LOCATION
UPDT01V	00	2670								
ILB0DSP0*	2670	700								
ILB0SPA0*	2D70	2D8								
ILB0STP0*	3048	35								
			ILB0STP1	305E						
VSAMIO	*	3080								
Y2KDFMT	*	3D90								
Y2KDOWN	*	43A0								
Y2KGT0A	*	44A0								
Y2KGETD	*	4780								
Y2KGT0J	*	4988								
Y2KJTOG	*	4AC0								
Y2KATOG	*	4C90								

LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION	LOCATION	REFERS TO SYMBOL	IN CONTROL SECTION
A28	ILBOSTP0	ILBOSTP0	A2C	ILBOSPA0	ILBOSPA0
A30	Y2KGETD	Y2KGETD	A34	Y2KDFMT	Y2KDFMT
A38	VSAMIO	VSAMIO	A3C	ILBODSP0	ILBODSP0
A40	ILBOSTP1	ILBOSTP0	4378	Y2KDOWN	Y2KDOWN
4480	Y2KGT0A	Y2KGT0A	4950	Y2KJTOG	Y2KJTOG
4954	Y2KGT0J	Y2KGT0J	4958	Y2KGT0A	Y2KGT0A
4AA0	Y2KGT0A	Y2KGT0A	4C60	Y2KGT0A	Y2KGT0A
4C64	Y2KAT0G	Y2KAT0G			

ENTRY ADDRESS	00
---------------	----

```
TOTAL LENGTH      4F10
*****WARNING:  DATE NOT EXIST BUT HAS BEEN ADDED TO DATA SET
```

****UPDT01V DOES NOT EXIST BUT HAS BEEN ADDED TO DATA SET
AUTHORIZATION CODE IS @

AUTHORIZATION CODE IS 0.