APPENDIX F

Processing Survey Date Edits
Using SQL Table or Flat File

The copybooks and internal processing of dates within the programs used for the Student Data Base have traditionally been done by hard-coding the needed dates in each copybook that uses them to perform the edits.   Every time a new set of survey dates needs to be used (ex: for a new school year or setting up for an approved alternate survey - week with a first and last date to reprocess survey data) every program that uses these dates needed to be altered to load different static survey dates.

In 2007-08 (Survey 2), a methodology was created to use a table containing the published/standard survey dates as a central storehouse for all date processing. For districts that do not have SQL available to them, a flat file, **DPS.DISTRICT.GQ.F70885,** and associated district-created extract processing is available to achieve the same goal.

The data extraction for a survey resides in the <u>AA34 generic routine</u>. This routine is performed at program initialization time and anytime a district and/or school number changes as data is being processed. In it, all the survey dates for a year/survey/db-indicator/district/school are loaded into common working storage fields for use in the program edit routines. The dates are then available for all processing done either in copybooks or native code where static dates used to be loaded and used. This eliminates the need to change any program code for the purpose of replacing survey dates used in edit comparisons.

Paragraphs <u>AA34-SELECT-SURVEY-DATES</u> and <u>AA34-SELECT-AND-MOVE-SD18-DATE</u> **must have district created code in them substituting the SQL code that was used by DOE**. The code needs to select the appropriate data from the flat file and place it into the working storage area as defined in the comments for the copybook. All the resultant fields have the survey dates loaded into fields that start with SRVYDATE-. No other coding needs to be changed.

<u>Flat File Containing Data:</u>

DPS.DISTRICT.GQ.F70885.Yyyyy

<u>File Format</u>

Use the copybook **DPS.DISTRICT.FORMAT.Yyyyy (F70885)** for the flat file format - use these exact names.

```
*********************************************************************************
      *     START OF   F 7 0 8 8 5    SURVEY DATES (FILE FORMAT)     *

      *    THIS FILE FORMAT CAN BE USED BY THE DISTRICTS IN LIEU OF
            SURVEY_DATES TABLE.  ONE DATA LINE PER YEAR PER SURVEY
             IS NEEDED MINIMALLY IN THE TABLE.  THE DATES FOR ALL THE
       SURVEYS ARE NEEDED SINCE SOME EDITS PULL DATES FROM MULTIPLE
              SURVEY PERIODS (EX SD18 USES SURVEYS 3 AND 5).     *
*********************************************************************************
  01  DCLSURVEY-DATES.
     10 YEAR                      PIC 9(04).
     10 SURVEY                    PIC 9(01).
     10 FILLER                    PIC X(01)  VALUE SPACES.
     10 DB-INDICATOR              PIC X(01)  VALUE '1'.
     10 FILLER                    PIC X(01)  VALUE SPACES.
     10 DISTRICT                  PIC 9(02).
     10 SCHOOL                    PIC 9(04).
     10 FILLER                    PIC X(01)  VALUE SPACES.
  *    FORMAT FOR ALL DATES IS CCYY-MM-DD  (10 BYTES, INCLUDE DASH)
  *    THE CCYY, MM AND DD PORTIONS OF EACH FIELD MUST BE NUMERIC
  *    THE MISC-DATE IS NOT YET USED SO ANY DATE WILL DO THERE.
     10 FIRST-DAY-SURVEY          PIC X(10).
     10 FILLER                    PIC X(01)  VALUE SPACES.
     10 LAST-DAY-SURVEY           PIC X(10).
     10 FILLER                    PIC X(01)  VALUE SPACES.
     10 DUE-DATE-SURVEY           PIC X(10).
     10 FILLER                    PIC X(01)  VALUE SPACES.
     10 FIRST-DAY-PROCESSPIC X(10).
     10 FILLER                    PIC X(01)  VALUE SPACES.
     10 LAST-DAY-PROCESS          PIC X(10).
     10 FILLER                    PIC X(01)  VALUE SPACES.
     10 FINAL-UPDATE              PIC X(10)  VALUE SPACES.
     10 FILLER                    PIC X(01)  VALUE SPACES.
     10 MISC-DATE                 PIC X(10)  VALUE '2007-07-01'.
     10 FILLER                    PIC X(01)  VALUE SPACES.
     10 MISC-COMMENT              PIC X(50)  VALUE SPACES.
     10 FILLER                    PIC X(01)  VALUE SPACES.
     10 EFFDATE                   PIC X(10)  VALUE SPACES.
     10 FILLER                    PIC X(07)  VALUE SPACES.
*********************************************************************************
       *    END   OF   F 7 0 8 8 5    SURVEY-DATES FILE FORMAT    *
*********************************************************************************
```

SURVEY_DATES Table/File Data, Structure and Use

Data Requirements used for the F70885 table/file:
- There <u>must exist, at a minimum, one row/record for each survey period within a year</u> that will contain the statewide survey dates.
- District **00**, School **0000** are assigned to indicate this statewide data row/record.
- All the surveys for the year should be input at the start of the school year processing since there is the potential to use dates from survey periods other than the current processing cycle in the copybook use.
- In addition, if there is an <u>approved alternate survey</u> to be run, one ADDITIONAL row/record will be added for each alternate survey loaded with its associated survey dates.
  - Alternate surveys can be assigned for an entire district (designated in the table with the alternate survey district number (**nn**) and School number of "**0000**").
  - Alternate surveys for a single school within a district. This is designated with the alternate survey district number (**nn**) and the specific school number (**nnnn**).
  - If there are multiple schools for a specific district for which an alternate survey should be run, one row/record needs to be added for each of the schools within the district.

Data File EXAMPLE

Below is an example of Student Survey Dates: (published survey dates) for 0809 surveys. Use this as a sample for adding data for future years. The year and survey dates (1st day, last day and due date in the example below) should correspond to the year and published survey dates for the current school year being processed.

These are the minimum rows/records required to exist in the survey_dates table/file. This example does not show the values for the first and last processing dates, the final update date, misc date and misc comment. These data items are stored in the correct format in file DPS.DISTRICT.GQ.F70885.Yyyyy, where yyyy = school year being processed.

year	surv	db-indic	district	school#	1st day survey	last day survey	due date
0809	1	1	00	0000	2008-07-14	2008-07-18	2008-08-01
0809	2	1	00	0000	2008-10-13	2008-10-17	2008-10-31
0809	3	1	00	0000	2009-02-09	2009-02-13	2009-02-27
0809	4	1	00	0000	2009-06-08	2009-06-12	2009-06-26
0809	5	1	00	0000	2008-07-01	2009-06-30	2009-08-07
0809	6	1	00	0000	2008-08-29	2008-09-12	2008-09-12
0809	9	1	00	0000	2008-12-08	2009-01-09	2008-12-12

If, for survey 2, there is an alternate survey run for district 01 – all schools and also for district 02, schools 0005, 0010 and 0015 – <u>the following rows/records would also be entered</u> into the table/file with the appropriate alternate survey dates: Additional examples are also provided.

0809	2	1	01	0000	2008-11-19	2008-11-19	2008-11-25
0809	2	1	02	0005	2008-11-12	2008-11-12	2008-11-29
0809	2	1	02	0010	2008-11-12	2008-11-12	2008-11-29
0809	2	1	02	0015	2008-11-12	2008-11-12	2008-11-29
0809	3	1	55	0422	2009-03-15	2009-03-21	2009-03-27