Student Financial Aid File
(As of May 9, 2007)
MEMORANDUM

DATE: May 9, 2007

TO: Institutional Data Administrators

FROM: Ramon Padilla, Jr., Director

SUBJECT: Student Financial Aid File Documentation 2006-2007 Initial Documentation and Software Release

The 2006-07 Student Financial Aid File software and documentation are in production. The submission due date is October 6, 2007.

The Student Financial Aid software has been modified as follows:

The Type of student at Date of Entry (01068) has been updated to allow a value of ‘K’.

A new Financial Aid Award Program ID (01253) for the Academic Competitiveness Grant (ACG) has been added.

File Documentation and Data Dictionary elements are now available on the web. They can be viewed/printed from the following locations: the documentation is at http://www.fldcu.org/irm.mastfiles/PDF_Files/sfa.pdf and the elements are at http://fldcu.org/irm.DataDict/pdf_files/Sfadd.pdf.

Signed submission forms should be e-mailed to SUS-Submissions@flbog.org or faxed to 850/245-0419 (SUNCOM 205-0419).

If you have any questions concerning the documentation or Financial Aid File software and procedures, please contact Zyedth Potter 850/245-9599(SUNCOM 205-9599 Zyedth.Potter@flbog.org) or Steve Auerbach 850/245-9592 (SUNCOM 205-9592 Steven.Auerbach@flbog.org).

cc: BOG Data Committee
# TABLE OF CONTENTS

MEMO .......................................................................................................................... 1
DATA BASE INFORMATION.......................................................................................... 1
  Database Name........................................................................................................... 1
  Definition.................................................................................................................... 1
  Purpose....................................................................................................................... 1
  Data Dictionary Items................................................................................................ 2
    Data Elements Index in Numeric Order................................................................. 2
SUBMISSION INFORMATION....................................................................................... 3
  Submission Due Dates............................................................................................... 3
  Interactive Submission Form...................................................................................... 5
TECHNICAL INFORMATION.......................................................................................... 6
  System Overview ...................................................................................................... 6
    Procedure Summaries .............................................................................................. 6
    Data Center Information ......................................................................................... 7
  Edit Procedure (SUSSFARDV/SUSSFARDF)................................................................. 8
    Flowchart................................................................................................................ 8
    Procedure and Program Descriptions ................................................................. 9
    Library Members Referenced ............................................................................. 9
    File and Report Descriptions ............................................................................. 10
    SFAED.................................................................................................................... 10
    Diagnostic Level Definition ................................................................................ 12
    Edit Criteria........................................................................................................... 14
    Procedure Execution Instructions ....................................................................... 20
    Control and Override Card Formats ................................................................ 21
    Complete Procedure Listing .............................................................................. 22
    Report Surveys and Examples ............................................................................ 27
  Update Procedure (SUSSFAUPV/SUSSFAUPF)......................................................... 34
    SORT ..................................................................................................................... 34
    SFAUPyr................................................................................................................. 34
    Flowchart.............................................................................................................. 35
    Procedure and Program Descriptions ............................................................... 36
    Library Members Referenced ............................................................................ 37
    Execution Procedure ........................................................................................... 38
    SUSSFAUP EXTERNAL PARAMETERS DESCRIPTION ..................................... 39
    SUSSFAUP Transaction Format ......................................................................... 40
    Complete Procedure Listing ............................................................................... 41
    Sample Reports.................................................................................................... 47
  Report Procedure (SUSSFARPV/SUSSFARPF).......................................................... 54
    Flowchart.............................................................................................................. 54
    Procedure and Program Descriptions ............................................................... 55
    Library Members Referenced ............................................................................ 55
    Execution Procedure ........................................................................................... 56
    SUSSFARP Control Card Information ................................................................ 57
DATA BASE INFORMATION

Database Name

STUDENT FINANCIAL AID FILE

Definition

The Student Financial Aid File must include all students who received financial aid paid during the fiscal year.

All awards disbursed after June 30, and prior to July 1, must be reflected on the file that will be submitted to the Board of Governors.

The file contains information concerning the student and information concerning the financial aid received by the student each term.

Purpose

The purpose of this database is to gather relevant financial aid information on students in Florida's public universities. The information is to be utilized in financial aid policy planning and decision making at the system and state levels.
Data Dictionary Items

* NOTE: *
* Additional detail concerning data dictionary items may be found in the File Information section *

Data Elements Index in Numeric Order

<table>
<thead>
<tr>
<th>Data Name</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Birth</td>
<td>01024</td>
</tr>
<tr>
<td>Person Identification Number</td>
<td>01029</td>
</tr>
<tr>
<td>Racial/Ethnic Group</td>
<td>01044</td>
</tr>
<tr>
<td>Reporting Institution</td>
<td>01045</td>
</tr>
<tr>
<td>Gender</td>
<td>01048</td>
</tr>
<tr>
<td>Student’s Classification Level</td>
<td>01060</td>
</tr>
<tr>
<td>Student Program Category</td>
<td>01062</td>
</tr>
<tr>
<td>Type of Student at Date of Entry</td>
<td>01068</td>
</tr>
<tr>
<td>Number of Occurrences of Segment</td>
<td>01093</td>
</tr>
<tr>
<td>Fee Classification – Residency</td>
<td>01106</td>
</tr>
<tr>
<td>Student Current Dependency Status</td>
<td>01248</td>
</tr>
<tr>
<td>Family Income</td>
<td>01249</td>
</tr>
<tr>
<td>Expected Family Contribution</td>
<td>01250</td>
</tr>
<tr>
<td>Financial Aid Need</td>
<td>01251</td>
</tr>
<tr>
<td>Financial Aid Award Identifier</td>
<td>01252</td>
</tr>
<tr>
<td>Financial Aid Award Program Identifier</td>
<td>01253</td>
</tr>
<tr>
<td>Financial Aid Award Condition I.D.</td>
<td>01254</td>
</tr>
<tr>
<td>Source of Funds</td>
<td>01255</td>
</tr>
<tr>
<td>Summer 1 Paid Amount</td>
<td>01256</td>
</tr>
<tr>
<td>Fall Semester Paid Amount</td>
<td>01257</td>
</tr>
<tr>
<td>Spring Semester Paid Amount</td>
<td>01258</td>
</tr>
<tr>
<td>Summer 2 Paid Amount</td>
<td>01259</td>
</tr>
<tr>
<td>Need Based Aid Flag</td>
<td>01446</td>
</tr>
<tr>
<td>Key – Student Financial Aid</td>
<td>01450</td>
</tr>
<tr>
<td>Financial Aid Award Segment</td>
<td>01460</td>
</tr>
<tr>
<td>Year – Fiscal</td>
<td>01629</td>
</tr>
</tbody>
</table>
**SUBMISSION INFORMATION**

**Submission Due Dates**

<table>
<thead>
<tr>
<th>Term</th>
<th>Due Date</th>
</tr>
</thead>
</table>

1. The institution prepares a data file using appropriate software and procedures.

2. The edit procedure is executed by the submitting institution, following the instructions in the Technical section of this document. The file that is certified to the Board of Governors should contain no 9-level diagnostics. The final execution of the edit program should be run with the following options:

   a) The controls (either control card or parms field) should be set allowing all records to be written to the good file out (set the control card or parms field to indicate that the maximum level of errors to write out to the good file is "9").

   b) The controls (either control card or parms) and the JCL should be set up to write out and catalog a good file out (set the indicator to yes for the good file out).

A copy of the good output file from this execution will be the file submitted to the BOG/IRM. For those institutions that use Northwest Regional Data Center the name is standard. For institutions using Northeast or Central Florida Regional Data Center the security attributes must ensure IRM access and prohibit unauthorized access.

3. IRM is notified in writing that their copy of the data file is available at the institution's host data center. The submission must include:

   The 'SUS Data File Submission Form' must be completed. A sample of this form is provided on page 3 of this section. The president or the Institutional Data Administrator, as representing the position of the institution for the term reported, must certify the file.

4. When IRM receives written notice that a copy of the data file is available, it is transmitted to NWRDC (if required), and is then edited by the IRM office. If IRM is unable to edit the file because of inaccessibility, I/O errors, or incorrect attributes, the submitting institution is notified in writing that the file is unacceptable. Problems with the file must be corrected and the submission process repeated.

5. The output from the IRM edit is evaluated by the IRM Data Administrator. The Institutional Data Administrator is notified in writing whether the file has been accepted or rejected, based on the critical 9-level diagnostics, analysis of the summaries provided with the edit report and any additional required reports (see item 3).
Provisional acceptance may require the resubmission of a corrected data file, following the same procedures as for the original submission. Rejection of a file always makes necessary the resubmission of a corrected data file.

6. When all files for the reported term are accepted, a master file is made available at both NWRDC and NERDC, using standard naming conventions.

7. Upon receipt of notification of acceptance or rejection of the data file, the copy of NWRDC file will be disposed of by the IRM office. Files at the CNS/NERDC are the responsibility of the institution.

All correspondence should be addressed to:

Director of Information Resource Management
Board of Governors, State University System
Of Florida
325 West Gaines Street, Suite 1614
Tallahassee, FL 32399-0400
FAX: 850-245-0419 or (SUNCOM) 205-0419
Interactive Submission Form

Use the link above to open an Adobe Acrobat form that is designed for easy typing entry. Simply print the document after typing in the fields and sign before faxing. The document may be printed without typing, then write in the information and sign before faxing.
TECHNICAL INFORMATION

System Overview

Procedure Summaries

1. **SUSFAEDV / SUSFAEDF -- Edit Procedure**
   These procedures both execute an external sort program and the Student Financial Aid File edit program (SUSSFAED). The sort program is used to insure that the file is in the proper order. The edit program is then executed to insure that the input SFA file meets the prescribed edit criteria. The first procedure is used when the input SFA file is comprised of variable length records; the latter is used when the input file contains fixed length records. In addition to the edited SFA file, the procedure also generates a detailed error listing and frequency counts to facilitate institutional and BOG data monitoring.

2. **SUSSFAUP -- Update Procedure**
   This procedure provides the user with the capability of making limited modifications to the data contained on the Student Financial Aid File. The procedure contains sort programs to sort the variable length SFA file and the update transactions before executing the update program SUSSFAUP.

3. **SUSSFAB3 -- Financial Assistance Report**
   This procedure creates the B3 report maintained as a supplemental report program associated with the SFA file. This procedure, although no longer collected by the Office of Civil Rights, will remain active for BOG/institutional use.

4. **SUSSFARP -- Report Procedure**
   This procedure creates the reports maintained as a supplemental report program associated with the SFA file.
### Data Center Information

<table>
<thead>
<tr>
<th>Data Center</th>
<th>Procedure Library</th>
<th>Procedure Source Library</th>
<th>Program Link Library</th>
<th>Program Source Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNS/NERDC</td>
<td>SUS.PROCLIB</td>
<td>BOR.IEP.SOURCE</td>
<td>BOR.LINKLIB</td>
<td>BOR.PROD.SOURCE</td>
</tr>
<tr>
<td>NWRDC</td>
<td>BOR.PROCLIB</td>
<td>BOR.IEP.SOURCE</td>
<td>BOR.LINKLIB</td>
<td>BOR.PROD.SOURCE</td>
</tr>
</tbody>
</table>
Edit Procedure (SUSFAEDV/SUSFAEDF)

Flowchart

SFASORT.
SORTIN
Input SFA File

SFASORT.
SYSIN
Sort parameters

SFASORT.
SORTOUT
Sorted SFA subfile

SFASORT.
SYSOUT
Completion statistics

SFAEDIT.
CTLINPUT
Control card and diagnostic overrides

SFAEDIT.
CORRFORM
Correcting entry file

SFAEDIT.
SYSOUT
System message log

SFAEDIT.
DISPLA
Processing information report

SFAEDIT.
ERRLIST
Diagnostic summaries & detailed err rpts

SFAEDIT.
GOODFILE
Good output file

SFAEDIT.
ERRFILE
Bad output file

Previous Diagnostic Error File

Diagnostic Error File
Procedure and Program Descriptions

SFAEDyr

SFAEDyr is a COBOL program that provides three (3) reports to allow the user to monitor the validity of data contained on the Student Financial Aid File. A control card is used to select output files which the user has chosen to generate. Options provided are for a "good" output file, a "bad" output file and a "correcting entry" file. Once the control card is determined to be valid, editing of the individual data fields is performed according to the prescribed edit criteria.

When the edit program detects an error, a description of the error is generated for reference by the user. Included in this error description is the file sequence element (Person Identification Number), the name of the data element containing the error, the type of problem encountered, the field number, the occurrence of the field that is in error, the diagnostic level, the data in the field, the number of the diagnostic, the length of the field and space in which to code the correct value.

In addition to the detailed error listing, SFAEDyr generates a listing of output control specifications, (i.e., which diagnostic will generate entries to each output file), error tabulations, and field frequency counts.

Library Members Referenced

The Procedure Name is SUSFAEDV (variable length input SFA) SUSFAEDF (fixed length input SFA)
The Procedure Sort Source Member is SSFAREV (variable format SFA) SSFAREF (fixed format SFA)
Other members Referenced are SFAFDyr (record description name)
File and Report Descriptions

SFAEDyr

Input Files

VARINPUT The unedited SFA File (used only in SUSFAEDV)
Variable Format, Sequential
Contains 163 to 1132 characters required (only in SUSFAEDV)

FIXINPUT The unedited SFA File (used only in SUSFAEDF)
Fixed Format, Sequential
Contains 1132 characters required (only in SUSFAEDF)

CTLINPUT Control Card and diagnostic override file
Fixed Format, Sequential
Contains 80 characters required

DIAGPREV Comparison annual diagnostic error file
Fixed Format, Indexed
Contains 144 characters

Optional. Contains counts of messages on all elements as generated by the Edit
Summary Report of the previous submission. If used, will print in this Edit Summary
Report and generate and print a difference count. This may help illuminate unexpected
variance in data reported.

Output Files

GOODFILE The Edited SFA file
Variable Format, Sequential
Contains 163 to 1132 characters, Optional

ERRFILE Rejected SFA records file
Variable Format, Sequential
Contains 163 to 1132 characters, Optional

CORRFORM Correcting Entry File
BOG/IRM Support Programs
Student Financial Aid File

Technical Edit Procedure

DIAGFILE
Diagnostic Error Subfile
Fixed Format, Sequential
Contains 144 characters, optional

Printer Output

SYSOUT
Sort Program Completion Statistics
Fixed Format, sequential
133 characters
Required

DISPLA
Processing Information File
Fixed Format, sequential
133 characters
Required

ERRLIST
Detailed Error List
Fixed Format, sequential
133 characters
Optional

DETLIST
Summaries
Fixed Format, sequential
133 characters
Optional
## Diagnostic Level Definition

All diagnostics, both those referencing errors and frequency counts have been assigned a diagnostic level between 0 and 9 indicating the severity of the error.

<table>
<thead>
<tr>
<th>Diagnostic Level</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Indicates a frequency distribution; not an indication of an error.</td>
</tr>
<tr>
<td>1</td>
<td>Indicates a situation in which data has been generated in a particular field by the edit program.</td>
</tr>
<tr>
<td>5</td>
<td>Indicates a possible error has been detected and the data should be checked.</td>
</tr>
<tr>
<td>8</td>
<td>Indicates an error has been detected on an element that has an allowable tolerance. A 9-level critical error will be generated if the error occurs at a rate above the allowable level.</td>
</tr>
<tr>
<td>9</td>
<td>Indicates a critical error has been detected that will make the file unacceptable.</td>
</tr>
</tbody>
</table>
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**Edit Criteria**

010 01450 Key - Student Financial Aid
The set of values that make the record unique.

020 01629 Year - Fiscal
The fiscal year is a period of time from July 1 of one year to June 30 of the next year.
The fiscal year will be identified by the century and year of the second year in the fiscal year notation. For example, fiscal year 1992-93 will be identified as 1993.

   516 FORCED AGREEMENT WITH CONTROL CARD   1

030 01045 Reporting Institution
The university (or the Board of Regents office) within the SUS reporting this information.

   516 FORCED AGREEMENT WITH CONTROL CARD   1

040 01029 Person Identification Number
A nine digit number assigned to an individual for identification purposes.

   012 NON-NUMERIC   9
   637 ID NOT IN ASCENDING SEQUENCE   9
   042 ZERO   9

060 01024 Student Birth Date
Legal year of birth of student

   012 NON-NUMERIC   9
   645 TOO RECENT - AGE 15 OR LESS   5
   235 NOT REPORTED   0
   498 UNDER 18   0
   030 AGE 18-24   0
   032 AGE 25-30   0
   034 AGE 31-40   0
   036 AGE 41-50   0
   047 AGE 51-85   0
   646 AGE OVER 85   5
   295 BIRTHDATE IS IN THE FUTURE   9
Edit Criteria

070 01044 Racial/Ethnic Group
Categories used to describe groups to which individuals belong, identify with, or belong in the eyes of the community. The categories do not denote scientific definitions of anthropological origins. A person may be counted in only one group.

- 008 MISSING OR INVALID
- 162 NO INDICATION/NOT REPORTED
- 652 NOT REPORTED, OVER 2% TOLERANCE
- 200 WHITE (NOT OF HISPANIC ORIGIN)
- 201 BLACK (NOT OF HISPANIC ORIGIN)
- 202 HISPANIC
- 203 ASIAN OR PACIFIC ISLANDER
- 204 AMERICAN INDIAN/ALASKAN NATIVE
- 205 NON-RESIDENT ALIEN

080 01048 Gender
Identifies the person by female or male classification.

- 008 MISSING OR INVALID
- 018 NOT REPORTED
- 648 NOT REPORTED, OVER 1% TOLERANCE
- 198 MALE
- 199 FEMALE

090 01248 Student Current Dependency Status
Student evaluated as dependent or independent of parental financial assistance.

- 008 MISSING OR INVALID
- 048 INDEPENDENT
- 049 DEPENDENT
- 235 NOT REPORTED

100 01249 Family Income
Adjusted gross income used in determining the award

- 302 ZEROS AND 01248 = X
- 012 NON-NUMERIC
- 050 $ 0 - 2,999
- 051 $ 3,000 - 5,999
- 052 $ 6,000 - 9,999
- 053 $ 10,000 - 14,999
- 054 $ 15,000 - 19,999
- 055 $ 20,000 - 29,999
- 059 $ 30,000 - 39,999
- 061 $ 40,000 - ABOVE
- 235 NOT REPORTED
**Edit Criteria**

105 01250 Expected Family Contribution
The amount of money that the family, including the student, is expected to be able to contribute to the student's education as determined by the Federal Methodology Need Analysis.

- $0 - 2,999
- $3,000 - 5,999
- $6,000 - 9,999
- $10,000 - 14,999
- $15,000 - 19,999
- $20,000 - 29,999
- $30,000 - 39,999
- $30,000 - ABOVE
- NOT REPORTED

130 01106 Fee Classification - Residency
The student's domicile, within or without the State of Florida, identified for the purpose of assessing fees at the institution. For the purpose of assessing registration fees a student shall be classified as Florida or Non-Florida as of the first day of classes.

- MISSING OR INVALID
- FLORIDA RESIDENT
- RESIDENT ALIEN - FLORIDA RESIDENT
- FLORIDA RESIDENT - SPECIAL CATEGORY
- NON-FLORIDA RESIDENT
- RESIDENT ALIEN - NON-FLA RESIDENT
- NON-RESIDENT ALIEN

140 01068 Type of Student at Date of Entry
Type of student at time of first registration for credit courses at this institution.

- MISSING OR INVALID

150 01060 Student's Classification Level
The categorization of the student's progress at the beginning of the term toward a specific degree or certificate as it applies to allocation of resources within the State University System. These categories are:
Edit Criteria

Advanced Graduate—a graduate student who has been formally admitted to a recognized Doctoral or Post-Master’s degree program and who has (accumulated 36 or more credit hours toward his or her degree program or has a master’s degree). Credit hours counted for this classification include (a) credit hours earned applicable to the current program and (b) credit hours earned prior to the current program but accepted by the university as applicable toward the student's current degree program.

Beginning Graduate—a graduate student who has been formally admitted to a graduate degree program and is not an advanced graduate student.

Upper Division—a student who has earned 60 or more credit hours or has an associate of arts degree and has (1) completed requirements in English and mathematics as prescribed by the State Department of Education in DOE rule 6A-10.030, FAC and (2) has presented appropriate scores on the College-Level Academic Skills Test (CLAST) as required by FS 240.107: or is working toward an additional baccalaureate degree.

Lower Division—a student who has earned less than 60 credit hours or a student who has not been admitted to the upper division.

Unclassified—a student not admitted to a degree program.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>008</td>
<td>MISSING OR INVALID</td>
<td>9</td>
</tr>
<tr>
<td>703</td>
<td>ADVANCED GRADUATE</td>
<td>0</td>
</tr>
<tr>
<td>704</td>
<td>BEGINNING GRADUATE</td>
<td>0</td>
</tr>
<tr>
<td>705</td>
<td>UPPER DIVISION UNDERGRADUATE</td>
<td>0</td>
</tr>
<tr>
<td>706</td>
<td>LOWER DIVISION UNDERGRADUATE</td>
<td>0</td>
</tr>
<tr>
<td>512</td>
<td>UNCLASSIFIED</td>
<td>0</td>
</tr>
</tbody>
</table>

160  01062  Student Program Category
Classification associated with the degree program which the student declares is his major.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>008</td>
<td>MISSING OR INVALID</td>
<td>9</td>
</tr>
</tbody>
</table>

165  01446  Need Based Aid Flag
Indicates if the condition for which the financial aid award received was need based

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>170</td>
<td>YES</td>
<td>0</td>
</tr>
<tr>
<td>171</td>
<td>NO</td>
<td>0</td>
</tr>
<tr>
<td>464</td>
<td>PELL NEED BASED AID</td>
<td>0</td>
</tr>
</tbody>
</table>
BOG/IRM Support Programs
Student Financial Aid File

Edit Criteria

168  01251  Financial Aid Need
The amount determined at the university by subtracting the Expected Family
Contribution (01250) from the cost of attendance.

302 ZEROS AND 01248 = X  9
012 NON-NUMERIC  9
050 $   0 - 2,999  0
051 $  3,000 - 5,999  0
052 $  6,000 - 9,999  0
053 $ 10,000 - 14,999  0
054 $ 15,000 - 19,999  0
055 $ 20,000 - 29,999  0
059 $ 30,000 - 39,999  0
061 $ 40,000 - ABOVE  0
235 NOT REPORTED  0

190  01093  Number of Occurrences of Segment
A code used for indicating the number of times a variable portion of a record occurs.

012 NON-NUMERIC  9
161 ZERO OCCURRENCES  9
058 INVALID TOTAL AID AMOUNT  9

200  01460  Financial Aid Award Segment
Information concerning the award identifier, source of funds and the dollar amount of a
financial aid award.

210  01252  Financial Aid Award Identifier
A code to indicate the category, type, and
condition of a financial aid award.

003 TOTAL AWARDS < $1  9

220  01253  Financial Aid Award Program Identifier
A code to identify the financial aid program from which the student has received an
award.

008 MISSING OR INVALID  9
060 FED FUNDED PROGRAM & 01255 NE F  9
066 STATE FUNDED PROGRAM & 01255 NE S  9
067 PRIV FUNDED PROGRAM & 01255 NE P  9
068 INST FUNDED PROGRAM & 01255 NE I,W,L  9
072 OTHER FUNDING SOURCE & 01255 NE O  9
307 PELL AWARD > MAXIMUM AWARD FOR THE YEAR  9
507 COUNT OF BRIGHT FUTURE STUDENTS  0

5/9/2007  18
230 01254 Financial Aid Award Condition I.D.
A code to identify the condition for which the student received the financial aid award.
  012 NON-NUMERIC 9
  008 MISSING OR INVALID 9

240 01255 Source of Funds
A code to identify the source of funds of the financial aid awarded.
  008 MISSING OR INVALID 9
  123 FEDERAL AID 0
  063 STATE AID 0
  064 INSTITUTIONAL AID 0
  062 PRIVATE AID 0
  065 OTHER AID 0
  069 INSTITUTIONAL-LOTTERY 0
  070 INSTITUTIONAL-STU FIN AID FEES 0

250 01256 Summer 1 Paid Amount
The amount of aid paid by source of fund and type of award for post June 30 summer term of current fiscal year.
  012 NON-NUMERIC 9

260 01257 Fall Semester Paid Amount
The amount of aid paid by source of fund and type of award for fall semester of current fiscal year.
  012 NON-NUMERIC 9

270 01258 Spring Semester Paid Amount
The amount of aid paid by source of fund and type of award for spring semester of current fiscal year.
  012 NON-NUMERIC 9

280 01259 Summer 2 Paid Amount
The amount of aid paid by source of fund and type of award for pre June 30 summer term of current fiscal year.
  012 NON-NUMERIC 9
Procedure Execution Instructions

To execute the Student Financial Aid File procedure follow these steps.

1) The user's Student Financial Aid File should be built according to BOG specifications (in either a fixed or variable format).

2) Code the SUSSFAED control card to include the desired options. (See the Control Card Format).

3) If any edit defaults are to be overridden, code the appropriate diagnostic override cards.

4) Execute catalogued procedure SUSFAEDV (for variable format SFA file) using the selected optional and all required files.

Sample JCL

The following is a sample jobstream. If more detail is needed please consult the complete procedure listing.

```
//STEP1 EXEC SUSFAEDV
// SFAFILE='YOUR.INPUT.SFA.FILE',
// SFAGOOD = 'GOOD.FILE.NAME',
// SFAGDSP=' (, CATLG, DELETE)'  
//SFAFEDIT.CTLINPUT DD *
CONTROL 040480100052007UNIV V YES YES
/*
```

The above jobstream will create a good file which will contain those records with no error greater than level 4. A detailed error report of errors of level 4 and above will be generated. Up to 5 occurrences of each error may appear on the report.

A diagnostic summary file has been selected to be written out to a permanent data set. The diagnostic summary output file will contain the field identification information and the current diagnostic counts for the file being edited.

Note: Catalogued procedure SUSFAEDV sorts the user's Student Financial Aid File (VARINPUT), prior to executing the edit program (SUSSFAED). If you are using a fixed length SFA as input, then execute catalogued procedure SUSFAEDF and substitute an 'F' for the 'V' on the control card.
Control and Override Card Formats

<table>
<thead>
<tr>
<th>Field</th>
<th>Position</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Card Name</td>
<td>1-8</td>
<td>Must be coded ‘CONTROL’</td>
</tr>
<tr>
<td>Detailed Error List (ERRLIST)</td>
<td>9</td>
<td>Possible values ‘1’ and ‘0’.</td>
</tr>
<tr>
<td>Selection Switch</td>
<td></td>
<td>The Default is ‘0’.</td>
</tr>
<tr>
<td>Detail Error List (ERRLIST)</td>
<td>10</td>
<td>Possible values ‘0’ thru ‘9’.</td>
</tr>
<tr>
<td>Diagnostic Level</td>
<td></td>
<td>The Default is ‘4’. (To insure no critical errors on submitted files, set this number to less than 9.)</td>
</tr>
<tr>
<td>Correcting Entry File (CORRFORM) Selection Switch</td>
<td>11</td>
<td>Possible values ‘1’ and ‘0’. The Default is ‘0’.</td>
</tr>
<tr>
<td>Correcting Entry File (CORRFORM)</td>
<td>12</td>
<td>Possible values ‘0’ thru ‘9’.</td>
</tr>
<tr>
<td>Diagnostic Level</td>
<td></td>
<td>The Default is ‘4’.</td>
</tr>
<tr>
<td>Good File Output Diagnostic Level</td>
<td>13</td>
<td>Possible values ‘0’ thru ‘9’ The Default is ‘8’. (Maximum error level for which records will be written to the good file.)</td>
</tr>
<tr>
<td>Bad Output file (ERRFILE)</td>
<td>14</td>
<td>Possible values ‘0’ and ‘1’ The Default is ‘0’. (When a Bad Output File is not specified the records are not written anywhere.)</td>
</tr>
<tr>
<td>Selection Switch</td>
<td></td>
<td>Possible values ‘1’ and ‘0’. The Default is ‘0’.</td>
</tr>
<tr>
<td>Good Output File (GOODFILE)</td>
<td>15</td>
<td>Possible values ‘0001’ thru ‘9999’. The default is ‘0005’.</td>
</tr>
<tr>
<td>Max Diagnostic Indicator</td>
<td>16-19</td>
<td>Possible values ‘y’ and ‘n’</td>
</tr>
<tr>
<td>University Abbreviation</td>
<td>20-23</td>
<td>Must equal a valid University Abbreviation (Element 01045)</td>
</tr>
<tr>
<td>Fiscal Year Identifier</td>
<td>24-27</td>
<td>Must equal a valid Fiscal Year (Element 01629)</td>
</tr>
<tr>
<td>File Format Indicator</td>
<td>28</td>
<td>Possible values ‘V’ and ‘F’.</td>
</tr>
<tr>
<td>Filler</td>
<td>29</td>
<td>The Default is ‘V’.</td>
</tr>
<tr>
<td>Filler</td>
<td>30-32</td>
<td>Possible values ‘Yes’ and ‘No’</td>
</tr>
<tr>
<td>Filler</td>
<td>33</td>
<td>The Default is ‘Yes’.</td>
</tr>
<tr>
<td>Filler</td>
<td>34-36</td>
<td>Possible values ‘Yes’ and ‘No’</td>
</tr>
<tr>
<td>Filler</td>
<td>41-43</td>
<td>Error Diagnostic Number.</td>
</tr>
<tr>
<td>Detailed Error List Override</td>
<td>44-75</td>
<td>Possible values are ‘y’ and ‘n’</td>
</tr>
<tr>
<td>Filler</td>
<td>76</td>
<td>Possible value are ‘y’ and ‘n’</td>
</tr>
<tr>
<td>Correcting Entry File Override</td>
<td>77</td>
<td></td>
</tr>
<tr>
<td>Filler</td>
<td>78</td>
<td></td>
</tr>
<tr>
<td>Filler</td>
<td>79</td>
<td></td>
</tr>
<tr>
<td>Bad Output File Override</td>
<td>80</td>
<td>Possible values are ‘y’ and ‘n’</td>
</tr>
</tbody>
</table>

SUSFAED DIAGNOSTIC OVERRIDE CONTROL CARD FORMAT

<table>
<thead>
<tr>
<th>Field</th>
<th>Position</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filler</td>
<td>1-40</td>
<td></td>
</tr>
<tr>
<td>Diagnostic Number</td>
<td>41-43</td>
<td>Error Diagnostic Number.</td>
</tr>
<tr>
<td>Filler</td>
<td>44-75</td>
<td></td>
</tr>
<tr>
<td>Detailed Error List Override</td>
<td>76</td>
<td>Possible values are ‘y’ and ‘n’</td>
</tr>
<tr>
<td>Filler</td>
<td>77</td>
<td>Possible value are ‘y’ and ‘n’</td>
</tr>
<tr>
<td>Correcting Entry File Override</td>
<td>78</td>
<td></td>
</tr>
<tr>
<td>Filler</td>
<td>79</td>
<td></td>
</tr>
<tr>
<td>Bad Output File Override</td>
<td>80</td>
<td>Possible values are ‘y’ and ‘n’</td>
</tr>
</tbody>
</table>
Complete Procedure Listing

/\SUSFAEDV PROC CORROUT=A,
  OBJLIB='BOR.LINKLIB',
  ** PGSIZE='50',
  YEAR='YYYY',
  ** UNIV='UNIV',
  **
  SFABAD='&SFABAD',
  SFAGOOD='&SFAGOOD',
  SFABLK=
  ** SFADSP=('PASS'),
  SFALBL=
  ** SFASPC=('CYL,(25,5),RLSE'),
  SFAUNT=SYSDA,
  ** SFAVOL=
  **
  SFAFILE='&SFAEDV',
  SFASDSP=('OLD,DELETE'),
  ** SFASRTD='&SFASRTD',
  **
  SLIB='BOR.IEP.SOURCE',
  **
  SORTBLK=
  ** SORTDSP=('PASS'),
  SORTLBL=
  ** SORTLIB='SYS1.SORTLIB',
  SORTPGM=SORT,
  ** SORTSPC=('CYL,(25,5),RLSE'),
  SORTUNT=SYSDA,
  ** SORTVOL=
  ** SUSFAED='SFAED',
  **
  YR=07,
  ** DIAGYR=0506,
  ** WKSPC=('TRK,(68,19),RLSE'),
  ** WKUNT=SYSDA,
  ** SFADIAG='&SFADIAG',
  ** SFADDSP=('PASS'),
  ** WRKSPC=('TRK,(150,20),RLSE'),
  ** UNIT='SYSDA',
  ** VOL=
  **
  ** END OF PROC SYMBOLIC PARAMETERS

5/9/2007 22
Complete Procedure Listing (Continued)

```/*
//SFAFSORT EXEC PGM=&SORTPGM
//*
//  FIRST STEP: SFAFSORT
//  THE USER'S SFAF IS SORTED IN THE PROPER SEQUENCE
//  PRIOR TO SUBMISSION TO THE EDIT PROGRAM. IF THE
//  FILE IS CURRENTLY IN SEQUENCE THIS STEP MAY BE
//  BY-PASSED USING THE OS-RESTART FACILITY.
//*/
//SORTLIB DD DSN=&SORTLIB,DISP=SHR
//SYSOUT DD SYSOUT=A
//SORTWK01 DD UNIT=&WKUNT,SPACE=&WKSPC
//SORTWK02 DD UNIT=&WKUNT,SPACE=&WKSPC
//SORTWK03 DD UNIT=&WKUNT,SPACE=&WKSPC
//SORTIN DD DSN=&SFAFILE,DISP=(OLD,PASS)
//SORTOUT DD DSN=&SFASRTD,DISP=&SORTDSP,
//  UNIT=&SORTUNT,SPACE=&SORTSPC,
//  DCB=(LRECL=1136,BLKSIZE=&SORTBLK,RECFM=VB),
//  VOL=SER=&SORTVOL,LABEL=&SORTLBL
//SYSIN DD DSN=&SLIB.(SSFAREV),DISP=SHR
//*
//SFAFEDIT EXEC PGM=&SUSFAED&YR,PARM='&YEAR&UNIV'
//*
//  SECOND STEP: SFAFEDIT
//*/
//STEPLIB DD DSN=&OBJLIB,DISP=SHR
//VARINPUT DD DSN=&SFASRTD,DISP=&SFASDSP
//DISPLA DD SYSOUT=A,DCB=BLKSIZE=133
//ERRLIST DD SYSOUT=A,DCB=BLKSIZE=133
//DETLIST DD SYSOUT=A,DCB=BLKSIZE=133
//PRINT1 DD SYSOUT=A,DCB=BLKSIZE=133
//DIAGPREV DD DSN=BORV.XREF.DIAG.SFA.Y&DIAGYR,DISP=SHR
//SYSOUT DD SYSOUT=A
//*
//  THE FOLLOWING FILES ARE SELECTED OPTIONALLY
//  VIA THE CONTROL CARD.
//*/
//GOODFILE DD DSN=&SFAGOOD,DISP=&SFADSP,
//  UNIT=&SFAUNIT,SPACE=&SFASPC,
//  DCB=(LRECL=1136,BLKSIZE=&SFABLK,RECFM=VB),
//  VOL=SER=&SFAVOL,LABEL=&SFALBL
//*/```
Complete Procedure Listing (Continued)
//FIX DD SYSOUT=A,DCB=BLKSIZE=80
//*
//*
//DIAGFILE DD DSN=&SFADIAG,DISP=&SFADDSP,
// UNIT=&UNIT,SPACE=&WRKSPC,
// DCB=(LRECL=144,RECFM=FB),
// VOL=SER=&VOL
//*
//CTLCARD DD DUMMY
//*
//ERRFILE DD DSN=&SFABAD,DISP=&SFADSP,
// UNIT=&SFAUNT,SPACE=&SFASPC,
// DCB=(LRECL=1136,BLKSIZE=&SFABLK,RECFM=VB),
// VOL=SER=&SFAVOL,LABEL=&SFALBL
//CORRFORM DD SYSOUT=&CORROUT,DCB=BLKSIZE=80
//CTLINPUT DD DSN=&SLIB(SFACTLCD),DISP=SHR
//*CTLINPUT DD DUMMY
//*
//SUSFAEDF PROC CORROUT=A,
// OBJLIB='BOR.LINKLIB',
// PGSIZE='50',
// YEAR='YYYY',
// UNIV='UNIV',
//*
// SFABAD='&SFABAD',
// SFAGOOD='&SFAGOOD',
// SFABLK=,
// SFADSP=('PASS'),
// SFALBL=,
// SFASPC=('CYL,(25,5),RLSE'),
// SFAUNT=SYSDA,
// SFAVOL=,
//*
// SFAFILE='&SFAEDV',
// SFASDSP=('OLD,DELETE'),
// SFASRTD='&SFASRTD',
//*
// SLIB='BOR.IEP.SOURCE',
//*
// SORTBLK=,
// SORTDSP=('PASS'),
// SORTLBL=,
// SORTLIB='SYS1.SORTLIB',
//*
// SUSFAEDF PROC CORROUT=A,
// OBJLIB='BOR.LINKLIB',
// PGSIZE='50',
// YEAR='YYYY',
// UNIV='UNIV',
//*
// SFABAD='&SFABAD',
// SFAGOOD='&SFAGOOD',
// SFABLK=,
// SFADSP=('PASS'),
// SFALBL=,
// SFASPC=('CYL,(25,5),RLSE'),
// SFAUNT=SYSDA,
// SFAVOL=,
//*
// SFAFILE='&SFAEDV',
// SFASDSP=('OLD,DELETE'),
// SFASRTD='&SFASRTD',
//*
// SLIB='BOR.IEP.SOURCE',
//*
// SORTBLK=,
Complete Procedure Listing (Continued)

** SORT PROGRAM NAME **
SORTPGM=SORT,

** SORTOUT SPACE **
SORTSPC='(CYL,(25,5),RLSE)',

** SORTOUT UNIT **
SORTUNT=SYSDA,

** SORTOUT VOLUME **
SORTVOL=,

** EDIT PROGRAM NAME **
SUSFAED='SFAED',

** PROGRAM YEAR **
YR=07,

** DIAGNOSTIC YEAR **
DIAGYR=0506,

** SORT WORK SPACE **
WKSPC='(TRK,(68,19),RLSE)',

** SORT WORK UNIT **
WKUNT=SYSDA,

** SFA DIAGNOSTIC DSN **
SFADIAG='&SFADIAG',

** SFA DIAGNOSTIC DISP **
SFADDSP='(,PASS)',

** DIAG WORK SPACE **
WRKSPC='(TRK,(150,20),RLSE)',

** DIAG UNIT **
UNIT='SYSDA',

** DIAG VOLUME **
VOL=

** END OF PROC SYMBOLIC PARAMETERS **

** SFAFSORT EXEC PGM=&SORTPGM
**

** FIRST STEP: SFAFSORT **
THE USER'S SDCF IS SORTED IN THE PROPER SEQUENCE PRIOR TO SUBMISSION TO THE EDIT PROGRAM. IF THE FILE IS CURRENTLY IN SEQUENCE THIS STEP MAY BE BY-PASSED USING THE OS-RESTART FACILITY.

**
SORTLIB DD DSN=&SORTLIB,DISP=SHR
SYSOUT DD SYSOUT=A
SORTWK01 DD UNIT=&WKUNT,SPACE=&WKSPC
SORTWK02 DD UNIT=&WKUNT,SPACE=&WKSPC
SORTWK03 DD UNIT=&WKUNT,SPACE=&WKSPC
SORTIN DD DSN=&SFAFILE,DISP=(OLD,PASS)
SORTOUT DD DSN=&SFASRTD,DISP=&SORTDSP,
UNIT=&SORTUNT,SPACE=&SORTSPC,
DCB=(LRECL=1132,BLKSIZE=&SORTBLK,RECFM=FB),
VOL=SER=&SORTVOL,LABEL=&SORTLBL
SYSIN DD DSN=&SLIB.(SSFAREF),DISP=SHR

** SFAFEDIT EXEC PGM=&SUSFAED&YR,PARM='&YEAR&UNIV'
**

** SECOND STEP: SFAFEDIT **

**
STEPLIB DD DSN=&OBJLIB,DISP=SHR
Complete Procedure Listing (Continued)
//FIXINPUT DD DSN=&SFASRTD,DISP=&SFASDSP
//DISPLA   DD SYSOUT=A,DCB=BLKSIZE=133
//ERRLIST  DD SYSOUT=A,DCB=BLKSIZE=133
//DETLIST  DD SYSOUT=A,DCB=BLKSIZE=133
//PRINT1   DD SYSOUT=A,DCB=BLKSIZE=133
//DIAGPREV DD DSN=BORV.XREF.DIAG.SFA.Y&DIAGYR,DISP=SHR
//SYSOUT   DD SYSOUT=A
//*
//* THE FOLLOWING FILES ARE SELECTED OPTIONALLY
//* VIA THE CONTROL CARD.
//*
//GOODFILE DD DSN=&SFAGOOD,DISP=&SFADSP,
//   UNIT=&SFAUNT,SPACE=&SFASPC,
//   DCB=(LRECL=1136,BLKSIZE=&SFABLK,RECFM=VB),
//   VOL=SER=&SFAVOL,LABEL=&SFALBL
//ERRFILE  DD DSN=&SFABAD,DISP=&SFADSP,
//   UNIT=&SFAUNT,SPACE=&SFASPC,
//   DCB=(LRECL=1136,BLKSIZE=&SFABLK,RECFM=VB),
//   VOL=SER=&SFAVOL,LABEL=&SFALBL
//CORRFORM DD SYSOUT=&CORROUT,DCB=BLKSIZE=80
//DIAGFILE DD DSN=&SFADIAG,DISP=&SFADDSP,
//   UNIT=&UNIT,SPACE=&WRKSPC,
//   DCB=(LRECL=144,RECFM=FB),
//   VOL=SER=&VOL
//CTLINPUT DD DSN=&SLIB(SFACTLCD),DISP=SHR
//*
Report Surveys and Examples

Program Name: SORT
Output File Name: SYSOUT
Report Title: Sort Completion Statistics
Source Data: Student Financial Aid File

Report Description:

This report contains an image of the sort sequence card and record counts along with other completion information from the sort utility.
SYNCSORT 3.7AR TPF2 US PATENTS: 4210961, 5117495, OTHER PAT. PEND. (C) 1998 SYNCSORT INC. DATE=2001/207 TIME=12.19.33
OS/390 2.0.0 CPU MODEL 9672

SYSIN:
SORT FIELDS=(13,9,A),FORMAT=CH 00010000
WRR43I SORT FORMAT OPERAND IGNORED
WER108I SORTIN : RECFM=VB ; LRECL= 1136; BLKSIZE= 32000
WER110I SORTOUT : RECFM=VB ; LRECL= 1136; BLKSIZE= 27998
WER177I TURNAROUND SORT PERFORMED
WRR045C END SORT PHASE
WER246I FILESIZE 5,647 BYTES
WER054I RCD IN 22, OUT 22
WER189I RELEASE 3.7A BATCH 0249 TPF LEVEL 2
WER052I END SYNCSORT - BRBAEDT,STEP3,SPAFFSORT,DIAG=E600,A60F,085D,E0B7,F64E,A60F,084C

5/9/2007 28
Program Name: SFAEDyr
Output File Name: DISPLA
Report Title: Control Card Report/Completion Statistics
Source Data: Student Financial Aid File

Report Description:

This report contains an image of the control card and a summary of all options selected through it. Also included in this report are record counts to assist in verifying that the procedure has run correctly.

EDIT PROGRAM CONTROL CARD:
CONTROL 101800000052006UNIVV YES YES
A DIAGNOSTIC ERROR FILE HAS BEEN CREATED
PREVIOUS DIAGNOSTIC ERROR COMPARISON CREATED
A DETAILED ERROR LIST IS TO BE PRINTED
DIAGNOSTICS OF LEVELS EQUAL TO OR LOWER THAN 0
WILL BE EXCLUDED FROM DTL ERROR LIST
A CORRECTING ENTRY FILE WILL BE WRITTEN TO A FILE
DIAGNOSTIC LEVELS OF 8 OR LESS WILL NOT GENERATE CORRECTING ENTRIES.
RECORDS AFFECTED BY ERRORS WITH LEVELS ABOVE 0 WILL GO TO "BAD" OUTPUT FILE AS BEING UNACCEPTABLE
OTHER RECORDS WILL GO TO "GOOD" OUTPUT FILE AS BEING ACCEPTABLE
"BAD" RECORDS WILL NOT BE WRITTEN TO A "BAD" FILE
THE SUMMARY REPORTS WILL NOT PRINT - NO "GOOD" OUTPUT FILE WAS SELECTED.
NO MORE THAN 0005 ITERATIONS OF ANY ONE DIAGNOSTIC WILL APPEAR ON THE ERROR LIST OR CORR ENTRY FILE.
TOTAL INPUT RECORDS:
000022
TOTAL CORRECTING ENTRIES:
000063
RECORDS ON "GOOD" OUTPUT FILE:
000000
RECORDS ON "BAD" OUTPUT FILE:
000000
END OF JOB
5/9/2007 29
Program Name: SFAEDyr

Output File Name: ERRLIST

Report Title: Summary Statistics

Source Data: Student Financial Aid File

Report Description:

This report is an edit instrument used for monitoring the elements of the Student Financial Aid File. It provides a frequency for certain values within each field and a count of errors encountered by the edit program.

Data Elements Used by the Report Program:
This report utilized all data elements contained on the file.
<table>
<thead>
<tr>
<th>FLD ELEMENT OCC</th>
<th>DESCRIPTION</th>
<th>DIAG TEXT</th>
<th>LVL</th>
<th>COUNTS</th>
<th>FLAG</th>
<th>COUNTS</th>
<th>DELTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>010 01450BOG</td>
<td>KEY - STUDENT FINANCIAL AID</td>
<td>016 FORCED AGREEMENT WITH CONTROL CARD</td>
<td>1</td>
<td>1</td>
<td>*</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>020 01629BOG</td>
<td>YEAR - FISCAL</td>
<td>516 FORCED AGREEMENT WITH CONTROL CARD</td>
<td>1</td>
<td>1</td>
<td>*</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>030 01045BOG</td>
<td>REPORTING INSTITUTION</td>
<td>012 NON-NUMERIC</td>
<td>9</td>
<td>0</td>
<td></td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>040 01029BOG</td>
<td>PERSON IDENTIFICATION NUMBER</td>
<td>637 ID NOT IN ASCENDING SEQUENCE</td>
<td>9</td>
<td>1</td>
<td>****</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>050 010246BOG</td>
<td>DATE OF BIRTH</td>
<td>042 ZERO</td>
<td>9</td>
<td>0</td>
<td></td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>070 01044BOG</td>
<td>RACIAL/ETHNIC GROUP</td>
<td>008 MISSING OR INVALID</td>
<td>9</td>
<td>1</td>
<td>****</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>080 01048BOG</td>
<td>GENDER</td>
<td>018 NOT REPORTED</td>
<td>8</td>
<td>1</td>
<td>**</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>090 01248BOG</td>
<td>STUDENT CURRENT DEPENDENCY STATUS</td>
<td>008 MISSING OR INVALID</td>
<td>9</td>
<td>2</td>
<td>****</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

5/9/2007
Program Name: **SFAEDyr**

Output File Name: **ERRLIST**

Report Title: **Detailed Error List**

Source Data: **Student Financial Aid File**

Report Description:

This report enables the user to monitor the university's Student Financial Aid File for updating purposes.

In addition to the file sequence element, this report contains a description of the data field that is in error. Included in this description are the name of the data element containing the error, the type of problem encountered, the data in the field, the field number, the occurrence of the field, the diagnostic number and the level of severity for the diagnostic.

Data Elements Used by the Report Program:
This report utilized all data elements contained on the file.
<table>
<thead>
<tr>
<th>Field</th>
<th>Description/Error Notation</th>
<th>Code Corrections Here</th>
<th>Error/Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERSON IDENTIFICATION NUMBER</td>
<td>XXXXXXXXXX</td>
<td>040</td>
<td></td>
</tr>
<tr>
<td>ID NOT IN ASCENDING SEQUENCE</td>
<td></td>
<td>01</td>
<td></td>
</tr>
<tr>
<td>FEE CLASSIFICATION - RESIDENCY</td>
<td></td>
<td>130</td>
<td></td>
</tr>
<tr>
<td>MISSING OR INVALID</td>
<td></td>
<td>01</td>
<td></td>
</tr>
<tr>
<td>RACIAL/ETHNIC GROUP</td>
<td></td>
<td>070</td>
<td></td>
</tr>
<tr>
<td>MISSING OR INVALID</td>
<td></td>
<td>01</td>
<td></td>
</tr>
<tr>
<td>GENDER</td>
<td></td>
<td>080</td>
<td></td>
</tr>
<tr>
<td>MISSING OR INVALID</td>
<td></td>
<td>01</td>
<td></td>
</tr>
<tr>
<td>TYPE OF STUDENT AT DATE OF ENTRY</td>
<td>S</td>
<td>140</td>
<td></td>
</tr>
<tr>
<td>MISSING OR INVALID</td>
<td></td>
<td>01</td>
<td></td>
</tr>
<tr>
<td>FINANCIAL AID AWARD PROGRAM IDEN</td>
<td></td>
<td>112</td>
<td></td>
</tr>
<tr>
<td>FED FUNDED PROGRAM &amp; 01255 NE F</td>
<td></td>
<td>220</td>
<td></td>
</tr>
<tr>
<td>SOURCE OF FUNDS</td>
<td>*</td>
<td>240</td>
<td></td>
</tr>
<tr>
<td>MISSING OR INVALID</td>
<td></td>
<td>01</td>
<td></td>
</tr>
<tr>
<td>TYPE OF STUDENT AT DATE OF ENTRY</td>
<td>?</td>
<td>140</td>
<td></td>
</tr>
<tr>
<td>MISSING OR INVALID</td>
<td></td>
<td>01</td>
<td></td>
</tr>
</tbody>
</table>
Update Procedure (SUSFAUPV/SUSFAUPF)

SORT

Program SORT is an IBM supplied utility program. The sequence used to sort the SFA file is: ascending person identification number.

SFAUPyr

SFAUPyr is a COBOL program that enables the user to make limited modifications to the university's Student Financial Aid File. Only action codes of "A" for alter, "C" for create, and "D" for delete are valid. 'File Maintenance Report - Valid Transactions' is provided to indicate those valid transaction records which were applied to the Master File. Listed are the master record key, element-id, occurrence, transaction code and a before and after description of the data field being updated. An appropriate message indicating the file alteration will be printed under the heading "After Change" in lieu of the before/after description for action codes of "C" or "D".

All rejected transaction records will appear on the 'File Maintenance Report - Invalid Transactions'. Provided for the user will be the transaction record key, element-id, occurrence, transaction code, data which was to be applied to the master file (when applicable) and an appropriate diagnostic message indicating the nature of the error.
Flowchart

- SFASORTU.
- SORTIN input SFA Oldmaster File
- SFASORTU.
- execute SORT program
- SFASORTU.
- SYSIN sort parameters
- SFASORTU.
- SORTOUT Sorted SFA File
- SFASORTU.
- completion statistics
- TRNSORT.
- SORTIN Transaction File
- TRNSORT.
- execute SORT program
- TRNSORT.
- SYSIN sort parameters
- TRNSORT.
- SORTOUT Oldtran Sorted Transaction File
- TRNSORT.
- completion statistics
- SFAUPDT.CNTL control card
- SFAUPDT.
- execute SFA update program SFAUPYr
- SFAUPDT.
- SYSIN
- completion statistics
- SFAUPDT.
- SYSOUT
- updated SFA file NEWMASTER
- SFAUPDT.
- DELMAST deleted SFA record file
- SFAUPDT.
- DELTRAN rejected transaction file
- SFAUPDT.
- SYSSOUT system message log
- SFAUPDT.
- PRINT1 Processing Information File
- SFAUPDT.
- PRINT2 invalid Transaction Report File
- SFAUPDT.
- DELTRAN rejected transaction file
- SFAUPDT.
- NEWMAST updated SFA file NEWMASTER
- SFAUPDT.
- DELMAST deleted SFA record file
Procedure and Program Descriptions

Input Files

OLDMASTV  The unedited SFA file (used only in SUSFAEDV)
            Variable Format, sequential
            163 to 1132 characters
            Optional

OLDMASTF  The unedited SFA file (used only in SUSFAEDF)
            Fixed Format, sequential
            1132 characters
            Optional

OLDTRAN   The input transaction SFA records for modification
            Fixed Format, sequential
            80 characters

Output Files

NEWMASTV  The edited SFA file
            Variable Format, sequential
            163 to 1132 characters
            Optional

NEWMASTF  The edited SFA file
            Fixed Format, sequential
            1132 characters
            Optional

DELMASTV  The deleted SFA record file
            Variable Format, sequential
            163 to 1132 characters
            Optional

DELMASTF  The deleted SFA record file
            Fixed Format, sequential
            1132 characters
            Optional

DELTRAN   Deleted transaction file
            Fixed Format, sequential
            80 characters
SYSOUT Sort Program completion statistics
Fixed Format, sequential
133 characters

PRINT1 Processing Information File
Fixed Format, sequential
133 characters

PRINT2 Invalid Transaction Report File
Fixed Format, sequential
133 characters

### Library Members Referenced

The Procedure source name
- SUSFAUPV (variable length input SFA)
- SUSFAUPF (fixed length input SFA)

The Program Sort Source Name
- SSFAREV (variable format SFA)
- SSFAREF (fixed format SFA)
- SFATSRT (transaction record format)
Execution Procedure

To execute the Student Financial Aid File update procedure follow these steps.

1) Select the necessary parameters for the "UPDPARM=" Statement in the Proc.

2) The transaction file should be prepared according to the specifications listed on page III-SFUP-7.

3) Execute catalogued procedure SUSFAUPV (for variable format SFA file) using the selected optional and all required files.

4) If all file maintenance has been successful, the New Master File can be used as input to the Student Financial Aid File Edit Program (SFAEDyr). If there were rejected transactions, the Deleted Transaction File can be corrected and reused as input to the update program along with the New Master File.

Sample JCL

The following is a sample jobstream. If more detail is needed please consult the complete procedure listing.

```
//EXEC SUSFAUPV,
// SFAFILE = 'YOUR SFA FILE',
// SFANEW='YOUR.UPDATE.SFA.FILE',
// SFANDSP = (,CATLG, DELETE)
//TRNSORT.SORTIN DD*
000000001  100  01A0111111
000000002  070  01AH
000000003  220  05A010
000000004  240  05AS
000000005  100  01A0033333
000000006  100  01A0044444
000000007  100  01A2222222
```

Note: If you are using a fixed length SFA file, then change the catalogued procedure name from SUSFAUPV to SUSFAUPF.
## SUSSFAUP EXTERNAL PARAMETERS DESCRIPTION

<table>
<thead>
<tr>
<th>FLD ID</th>
<th>FIELD NAME</th>
<th>FIELD TYPE</th>
<th>PICTURE</th>
<th>FURTHER INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Old Master File Selection Switch</td>
<td>Optional</td>
<td>X(01)</td>
<td>Indicates whether or not there will be an input Old Master File. '1' = submit; '0' = omit; '' defaults to 1 and input file will be expected.</td>
</tr>
<tr>
<td>2</td>
<td>New Master File Selection Switch</td>
<td>Optional</td>
<td>X(01)</td>
<td>Indicates whether or not a new Master File will be generated. '1' = produce; '0' = omit; '' defaults to 1 and file will be produced.</td>
</tr>
<tr>
<td>3</td>
<td>Delete Master File Selection Switch</td>
<td>Optional</td>
<td>X(01)</td>
<td>Indicates whether or not Delete Master File will be generated. '1' = yes; '0' = no; '' defaults to 0 and file will not be produced.</td>
</tr>
<tr>
<td>4</td>
<td>Old Transaction File Selection Switch</td>
<td>Optional</td>
<td>X(01)</td>
<td>Indicates whether or not an input Old Transaction File will be generated. '1' = submit; '0' = omit; '' defaults to 1 and input file will be expected.</td>
</tr>
<tr>
<td>5</td>
<td>Deleted Transaction file Selection Switch</td>
<td>Optional</td>
<td>X(01)</td>
<td>Indicates whether or not a Deleted Transaction File is desired. '1' = produce file; '0' = omit file; '' defaults to 0 and file will be produced.</td>
</tr>
</tbody>
</table>
### SUSSFAUP Transaction Format

<table>
<thead>
<tr>
<th>FLD ID</th>
<th>FIELD NAME</th>
<th>FIELD TYPE</th>
<th>PICTURE</th>
<th>FURTHER INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–9</td>
<td>Personal ID Number</td>
<td>Mandatory</td>
<td>X(09)</td>
<td>Sequence Key</td>
</tr>
<tr>
<td>10-28</td>
<td>Filler</td>
<td></td>
<td>X(19)</td>
<td>Not used.</td>
</tr>
<tr>
<td>29-31</td>
<td>Field Identifier</td>
<td>Mandatory</td>
<td>X(03)</td>
<td>The field number to be altered by this transaction, left justified. &quot;000&quot; for create and delete. &quot;200&quot; for creating or deleting an award segment, left justified and &quot;010&quot; thru &quot;280&quot; for alter, left justified.</td>
</tr>
<tr>
<td>32-34</td>
<td>Filler</td>
<td></td>
<td>X(03)</td>
<td>Not used.</td>
</tr>
<tr>
<td>35-36</td>
<td>Occurrence</td>
<td>Mandatory</td>
<td>X(02)</td>
<td>The occurrence of the element to be altered. &quot;00&quot; thru &quot;20&quot; to alter a record. Code &quot;00&quot; when creating or deleting a record. &quot;01&quot; thru &quot;20&quot; when creating or deleting an award segment.</td>
</tr>
<tr>
<td>37</td>
<td>Transaction Code</td>
<td>Mandatory</td>
<td>X(01)</td>
<td>A = Alter; C = Create; D = Delete.</td>
</tr>
<tr>
<td>38-80</td>
<td>Data Field</td>
<td>Required</td>
<td>X(42)</td>
<td>Specifies the data to be transferred to the new master record.</td>
</tr>
</tbody>
</table>
Complete Procedure Listing

** SFA BLKSIZE
** DELMAST DSN
** DELMAST DISP
** DELMAST SPACE
** DELMAST UNIT
** DELMAST VOLUME
** SFA DSN
** SFA LABEL
** NEWMAST DISP
** NEWMAST DSN
** NEWMAST SPACE
** NEWMAST UNIT
** NEWMAST VOLUME
** SORTOUT DSN
** DELTRAN SYSOUT

** UPDATE PR NAME
** STEPLIB DSN
** SOURCE LIBRARY
** SORTOUT BLKSIZE
** SORTOUT DISP
** SORTOUT LABEL
** SORTLIB DSN
** SORT PROG NAME
** SORTOUT SPACE
** SORTOUT UNIT
** SORTOUT VOLUME
** TRNFILE SRTOUT BKSZ
** TRNFILE SRTOUT DISP
** TRNFILE DSN
** TRNFILE SRTOUT LBL
** TRNFILE SRTOUT SPA
** TRNFILE SRTOUT DSN
** TRNFILE SRTOUT UNIT
** TRNFILE SRTOUT VOL
** TRAN WORK SPACE
** TRAN WORK UNIT
** UPDATE PARM VALUE
** SORT WORK SPACE
** SORT WORK UNIT

END OF PROC SYMBOLIC PARAMETERS

5/9/2007 41
FIRST STEP: SFASORTU

THE USER'S SFA FILE IS SORTED IN THE PROPER SEQUENCE PRIOR TO SUBMISSION TO THE UPDATE PROGRAM. IF FILE IS CURRENTLY IN SEQUENCE THIS STEP MAY BE BY-PASSED USING THE OS-RESTART FACILITY.

SFASORTU EXEC PGM=&SORTPGM

//SFASORTU DD DSN=&SFAFILE,DISP=(OLD,PASS)
//SORTOUT DD DSN=&SFASRTD,DISP=&SORTDSP,
//UNIT=&SORTUNT,SPACE=&SORTSPC,
//DCB=(LRECL=1136,BLKSIZE=&SORTBLK,RECFM=VB),
//VOL=SER=&SORTVOL,LABEL=&SORTLBL
//SYSIN DD DSN=&SLIB.(SSFAREV),DISP=SHR
//* SORT FIELDS=(13,9,A),FORMAT=CH

SECOND STEP: TRNSORT

THE USER'S TRANSACTION FILE IS SORTED IN THE PROPER SEQUENCE PRIOR TO SUBMISSION TO THE UPDATE PROGRAM. IF SFA FILE AND TRANSACTION FILE ARE CURRENTLY IN SEQUENCE, JOB STEPS TRNSORT & SFASORT MAY BE BY-PASSED USING THE OS-RESTART FACILITY.

TRNSORT EXEC PGM=&SORTPGM

//TRNSORT DD DSN=&TRNSRTD,DISP=&TRNDSP,
//UNIT=&TRNUNT,SPACE=&TRNSPC,
//DCB=(LRECL=80,BLKSIZE=&TRNBLK,RECFM=FB),
//VOL=SER=&TRNVOL,LABEL=&TRNLBL
//SYSIN DD DSN=&SLIB.(SFATSRT),DISP=SHR
//* SORT FIELDS=(1,28,A,38,1,D,29,6,A,35,3,A),FORMAT=CH

THIRD STEP: SFAUPDT

SFAUPDT EXEC PGM=&SUSSFAU,PARM='&UPDPARM'

5/9/2007
BOG/IRM Support Programs
Student Financial Aid File
Complete Procedure Listing (Continued)

//STEPLIB DD DSN=&OBJLIB,DISP=SHR
//PRINT1 DD SYSOUT=A,DCB=BLKSIZE=133
//PRINT2 DD SYSOUT=A,DCB=BLKSIZE=133
//OLDTRAN DD DSN=&TRNSRTD,DISP=(OLD,DELETE)
//SYSOUT DD SYSOUT=A
//*
//* THE FOLLOWING FILES ARE SELECTED OPTIONALLY
//* VIA THE PARM= STATEMENT OF THE EXECUTE CARD.
//*
//OLDMASTV DD DSN=&SFASRTD,DISP=(OLD,DELETE)
//NEWMASTV DD DSN=&SFANEW,DISP=&SFANDSP,
// UNIT=&SFANUNT,SPACE=&SFANSPC,
// DCB=(LRECL=1136,BLKSIZE=&SFABLK,RECFM=VB),
// VOL=SER=&SFANVOL,LABEL=&SFALBL
//DELMASTV DD DSN=&SFADEL,DISP=&SFADDSP,
// UNIT=&SFADUNT,SPACE=&SFADSPC,
// DCB=(LRECL=1136,BLKSIZE=&SFABLK,RECFM=VB),
// VOL=SER=&SFADVOL,LABEL=&SFALBL
//DELTRAN DD SYSOUT=&DELOUT
//*
//SUSFAUPF PROC SFABLK=8510,
// SFADEL='&SFADEL',
// SFADDSP='(,PASS)',
// SFADSPC=('CYL,(10,2),RLSE'),
// SFADUNT=SYSDA,
// SFADVOL=,
// SFAFILE=NULLFILE,
// SFALBL=,
// SFANDSP=',PASS)',
// SFANEW='&SFANEW',
// SFANSPC=('CYL,(10,2),RLSE'),
// SFANUNT=SYSDA,
// SFANVOL=,
// SFASRTD='&SFASRTD',
// DELOUT=A,
// SUSSF Au='SFAU0P7',
// OBJLIB='BOR.LINKLIB',
// SLIB='BOR.IEP.SOURCE',
// SORTBLK=8510,
// SORTDSP=',PASS)',
// SORTLBL=,
// SORTLIB='SYS1.SORTLIB',
// SORTPGM=SO}
Complete Procedure Listing (Continued)

// ** SORTOUT SPACE
// ** SORTOUT UNIT
// ** TRNFIL SRTOUT BLKSZ
// ** TRNFIL SRTOUT DISP
// ** TRNFIL SRTOUT DSN
// ** TRNFIL SRTOUT LBL
// ** TRNFIL SRTOUT SPA
// ** TRNFIL SRTOUT UNIT
// ** TRAN WORK SPACE
// ** TRAN WORK UNIT
// ** UPDATE PARM VALUE
// ** SORT WORK SPACE
// ** SORT WORK UNIT

** END OF PROC SYMBOLIC PARAMETERS

** FIRST STEP: SFASORTU

** THE USER'S SFA FILE IS SORTED IN THE PROPER SEQUENCE
** PRIOR TO SUBMISSION TO THE UPDATE PROGRAM. IF
** FILE IS CURRENTLY IN SEQUENCE THIS STEP MAY BE
** BY-PASSED USING THE OS-RESTART FACILITY.

** SFASORTU EXEC PGM=&SORTPGM

** SORTLIB DD DSN=&SORTLIB,DISP=SHR
** SYSOUT DD SYSOUT=A
** SORTWK01 DD UNIT=&WKUNT,SPACE=&WKSPC
** SORTWK02 DD UNIT=&WKUNT,SPACE=&WKSPC
** SORTWK03 DD UNIT=&WKUNT,SPACE=&WKSPC
** SORTIN DD DSN=&SFAFILE,DISP=(OLD,PASS)
** SORTOUT DD DSN=&SFASRTD,DISP=&SORTDSP,
** UNIT=&SORTUNT,SPACE=&SORTSPC,
** DCB=(LRECL=1132,BLKSIZE=&SORTBLK,RECFM=FB),
** VOL=SER=&SORTVOL,LABEL=&SORTLBL
** SYSIN DD DSN=&SLIB.(SSFAREF),DISP=SHR
** SORT FIELDS=(9,9,A),FORMAT=CH

** SECOND STEP: TRNSORT
THE USER'S TRANSACTION FILE IS SORTED IN THE PROPER
SEQUENCE PRIOR TO SUBMISSION TO THE UPDATE PROGRAM.
IF SFA FILE AND TRANSACTION FILE ARE CURRENTLY IN
SEQUENCE, JOB STEPS TRNSORT & SFASORT MAY BE
BY-PASSED USING THE OS-RESTART FACILITY.

TRNSORT EXEC PGM=&SORTPGM
BOG/IRM Support Programs Technical
Student Financial Aid File Update Procedure
Complete Procedure Listing (Continued)
//SORTLIB DD DSN=&SORTLIB,DISP=SHR
//SYSOUT DD SYSOUT=A
//SORTWK01 DD UNIT=&TWKUNT,SPACE=&TWKSPC
//SORTWK02 DD UNIT=&TWKUNT,SPACE=&TWKSPC
//SORTWK03 DD UNIT=&TWKUNT,SPACE=&TWKSPC
//SORTIN DD DSN=&TRNFILE,DISP=(OLD,PASS)
//SORTOUT DD DSN=&TRNSRTD,DISP=&TRNDSP,
//UNIT=&TRNUNT,SPACE=&TRNSPC,
//DCB=(LRECL=80,BLKSIZE=&TRNBLK,RECFM=FB),
//VOL=SER=&TRNVOL,LABEL=&TRNLBL
//SYSIN DD DSN=&SLIB.(SFATSRT),DISP=SHR
//* SORT FIELDS=(1,28,A,38,1,D,29,6,A,35,3,A),FORMAT=CH
//*
//* THIRD STEP: SFAUPDT
//*
//SFAUPDT EXEC PGM=&SUSSFAU,PARM='&UPDPARM'
//*
//STEPLIB DD DSN=&OBJLIB,DISP=SHR
//PRINT1 DD SYSOUT=A,DCB=BLKSIZE=133
//PRINT2 DD SYSOUT=A,DCB=BLKSIZE=133
//OLDTRAN DD DSN=&TRNSRTD,DISP=(OLD,DELETE)
//SYSOUT DD SYSOUT=A
//*
//* THE FOLLOWING FILES ARE SELECTED OPTIONALLY
//* VIA THE PARM= STATEMENT OF THE EXECUTE CARD.
//*
//* OLDMASTF DD DSN=&SFASRTD,DISP=(OLD,DELETE)
//* NEWMASTF DD DSN=&SFANEW,DISP=&SFANDSP,
//UNIT=&SFANUNT,SPACE=&SFANSPC,
//DCB=(LRECL=1132,BLKSIZE=&SFABLK,RECFM=FB),
//VOL=SER=&SFANVOL,LABEL=&SFALBL
//* DELMASTF DD DSN=&SFADDEL,DISP=&SFADDSP,
//UNIT=&SFADUNT,SPACE=&SFADSPC,
//DCB=(LRECL=1132,BLKSIZE=&SFABLK,RECFM=FB),
//VOL=SER=&SFADVOL,LABEL=&SFALBL
//* DELTRAN DD SYSOUT=&DELOUT
//*
Sample Reports

Program Name: SORT

Output File Name: SYSOUT

Report Title: Sort Completion Statistics

Source Data: Student Financial Aid File

Report Description:

This report contains an image of the sort sequence card and record counts along with other completion information from the sort utility.
1 SYNCSORT 3.7AR TPF2 US PATENTS: 4210961, 5117495, OTHER PAT. PEND. (C) 1998 SYNCSORT INC. DATE=2001/208 TIME=10.39.42
OS/390 2.0.0 CPU MODEL 9672

SYSIN:
SORT FIELDS=(1,28,A,38,1,D,29,6,A,35,3,A),FORMAT=CH

WER108I SORTIN: RECFM=FB; LRECL= 80; BLKSIZE= 80
WER110I SORTOUT: RECFM=FB; LRECL= 80; BLKSIZE= 27920
WER177I TURNAROUND SORT PERFORMED
WER045C END SORT PHASE
WER449I SYNCSORT GLOBAL DSM SUBSYSTEM ACTIVE
WER246I FILESIZE 1,200 BYTES
WER054I RCD IN 15, OUT 15
WER169I RELEASE 3.7A BATCH 0249 TPF LEVEL 2
WER052I END SYNCSORT - BRBAPSFA,STEP1,TRNSORT,DIAG=8000,0489,6ADA,6415,81DA,0489,6ADA
Program Name: **SFAUPyr**

Output File Name: PRINT1/PRINT2

Report Title: File Maintenance Report

Source Data: Student Financial Aid File

Report Description:

This report provides an audit trail of the modifications made to the Student Financial Aid File by program SUSSFAUP.

All successful file maintenance is reported first. Updates are in order by master record key, data element and occurrence. The values of the data field before and after the update are included.

Invalid transaction records are reported separately in order by transaction record key, data element and occurrence. Listed are the values that were to be replaced into the data field as well as a diagnostic message indicating the error.

Data Elements Used by the Report Program:

01029 – Person Identification Number
### Technical Update Procedure

#### STUDENT FINANCIAL AID FILE Page 1

**FILE MAINTENANCE REPORT -- VALID TRANSACTIONS**

<table>
<thead>
<tr>
<th>MASTER RECORD KEY</th>
<th>DATA FIELD</th>
<th>C</th>
<th>A</th>
<th>T********</th>
<th>BEFORE CHANGE</th>
<th>***** *****</th>
<th>AFTER CHANGE</th>
<th>***** *****</th>
</tr>
</thead>
<tbody>
<tr>
<td>1111111111</td>
<td>220</td>
<td>01</td>
<td>A</td>
<td>WWW</td>
<td>205</td>
<td>U</td>
<td>B</td>
<td>I</td>
</tr>
<tr>
<td></td>
<td>140</td>
<td>01</td>
<td>A</td>
<td>S</td>
<td></td>
<td>U</td>
<td>M</td>
<td></td>
</tr>
<tr>
<td></td>
<td>080</td>
<td>01</td>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td>F</td>
<td></td>
</tr>
<tr>
<td></td>
<td>070</td>
<td>01</td>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td>F</td>
<td></td>
</tr>
<tr>
<td>2222222222</td>
<td>090</td>
<td>01</td>
<td>A</td>
<td></td>
<td></td>
<td>I</td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>3333333333</td>
<td>090</td>
<td>01</td>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td>F</td>
<td></td>
</tr>
<tr>
<td>4444444444</td>
<td>080</td>
<td>01</td>
<td>A</td>
<td>N</td>
<td></td>
<td></td>
<td>F</td>
<td></td>
</tr>
<tr>
<td>5555555555</td>
<td>220</td>
<td>01</td>
<td>A</td>
<td>206</td>
<td></td>
<td></td>
<td>004</td>
<td></td>
</tr>
</tbody>
</table>

**5/9/2007 51**
### FILE MAINTENANCE REPORT -- INVALID TRANSACTIONS

<table>
<thead>
<tr>
<th>TRANS RECORD KEY</th>
<th>DATA FIELD</th>
<th>C</th>
<th>T</th>
<th>DATA AREA</th>
<th>ERROR MESSAGE</th>
<th>**** *****</th>
</tr>
</thead>
<tbody>
<tr>
<td>7777777777</td>
<td>190</td>
<td>01</td>
<td>A</td>
<td>02</td>
<td>ALTERATION OF THIS FIELD FORBIDDEN</td>
<td></td>
</tr>
<tr>
<td>8888888888</td>
<td>190</td>
<td>01</td>
<td>A</td>
<td>01</td>
<td>NO RECORD EXISTS; 00-CREATE NOT SPECIFIED</td>
<td></td>
</tr>
<tr>
<td>9999999999</td>
<td>220</td>
<td>01</td>
<td>A</td>
<td>004</td>
<td>NO RECORD EXISTS; 00-CREATE NOT SPECIFIED</td>
<td></td>
</tr>
<tr>
<td>0909090900</td>
<td>090</td>
<td>01</td>
<td>A</td>
<td>I</td>
<td>NO RECORD EXISTS; 00-CREATE NOT SPECIFIED</td>
<td></td>
</tr>
<tr>
<td>0202020202</td>
<td>220</td>
<td>01</td>
<td>A</td>
<td>205</td>
<td>NO RECORD EXISTS; 00-CREATE NOT SPECIFIED</td>
<td></td>
</tr>
</tbody>
</table>
### Final File Statistics

<table>
<thead>
<tr>
<th>Old Master</th>
<th>Closed</th>
<th>22 Records</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Master</td>
<td>Closed</td>
<td>22 Records</td>
</tr>
<tr>
<td>Del Master</td>
<td>Absent</td>
<td>0 Records</td>
</tr>
<tr>
<td>Old Trans</td>
<td>Closed</td>
<td>15 Records</td>
</tr>
<tr>
<td>Del Trans</td>
<td>Absent</td>
<td>5 Records</td>
</tr>
</tbody>
</table>
Report Procedure (SUSFARPV/SUSFARPF)

SFARPyr is a COBOL program that creates for the user a student profile report for the financial aid programs. The report is produced by university and term.

In processing the financial aid file, any records which contain invalid codes for race, sex or segment number will be listed in a detail listing prior to the report. Any records which are coded with an 'X' for either race or sex will not be processed and a count of these records will follow the report.

Flowchart
**Procedure and Program Descriptions**

**Input Files**

**SFAFILE**
- SFA source file
- Fixed or Variable Format, sequential
- 163 to 1132 characters
- Required

**Output Files**

**SYSOUT**
- System completion statistics
- Fixed Format, sequential
- 132 characters
- Required

**SFARPT**
- SFA Student Profile Report
- Fixed Format, sequential
- 132 characters
- Required

**Library Members Referenced**

The Procedure source name is SUSFARPV

The Program Source name is SFARPyr
Execution Procedure

To execute the SFA Student Profile Report (SUSSFARP) procedure follow these steps.

1) Ensure that the Student Financial Aid File you are using is free of any critical errors.

2) Code parameters to contain the desired options.

Execute the cataloged procedure SUSSFARP.

Sample JCL

The following is a sample jobstream to run the report using a cataloged SFA file.

```
//STEP1 EXEC SUSFARPV,
// SUSFARP='SFARP06'
//SFAFSORT.SORTIN DD DSN=FINANCIAL.AID.FILE,DISP=SHR
//SFAFREPT.CTLINPUT DD *
CONTROL 2007UNIVV
/*
```

The above job stream will create a report for the specified University.
## SUSSFARP Control Card Information

<table>
<thead>
<tr>
<th>FLD ID</th>
<th>FIELD NAME</th>
<th>FIELD TYPE</th>
<th>PICTURE</th>
<th>FURTHER INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-8</td>
<td>Card Name</td>
<td>Mandatory</td>
<td>X(08)</td>
<td>Must be coded ‘CONTROL’</td>
</tr>
<tr>
<td>9</td>
<td>Fiscal Year</td>
<td>Mandatory</td>
<td>X(04)</td>
<td>Must equal a valid Fiscal Year</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(Element 01629)</td>
</tr>
<tr>
<td>13</td>
<td>Univ Abbr</td>
<td>Mandatory</td>
<td>X(04)</td>
<td>Must equal a valid University Abbreviation</td>
</tr>
<tr>
<td>17</td>
<td>File Format</td>
<td>Optional</td>
<td>X(01)</td>
<td>V=variable; F=fixed</td>
</tr>
<tr>
<td>18-80</td>
<td>Filler</td>
<td></td>
<td>X(62)</td>
<td>Not Used</td>
</tr>
</tbody>
</table>
Complete Procedure Listing

/** REPORT PROGRAM**
/** REPORTING YEAR**
/** STEPLIB DSN**
/** LINES PER PAGE**
/** SFAF SORTED DISP**
/** SORTOUT DSN**
/** SOURCE LIBRARY**
/** INPUT FILE**
/** SORTOUT BLKSIZE**
/** SORTOUT DISP**
/** SORTOUT LABEL**
/** SORTLIB DSN**
/** SORT PROGRAM NAME**
/** SORTOUT SPACE**
/** SORTOUT UNIT**
/** SORTOUT VOLUME**
/** SORT WORK SPACE**
/** SORT WORK UNIT**

/* END OF PROC SYMBOLIC PARAMETERS */

/* */
/SFAFSORT EXEC PGM=&SORTPGM
/SORTLIB DD DSN=&SORTLIB,DISP=SHR
/SYSPRINT DD SYSOUT=A
/SORTWK01 DD UNIT=&WKUNT,SPACE=&WKSPC
/SORTWK02 DD UNIT=&WKUNT,SPACE=&WKSPC
/SORTWK03 DD UNIT=&WKUNT,SPACE=&WKSPC
/SORTIN DD DSN=&SFAFILE,DISP=(OLD,PASS)
/SORTOUT DD DSN=&SFASRTD,DISP=&SORTDSP,
// UNIT=&SORTOUT,SPACE=&SORTSPC,
// DCB=(LRECL=1132,BLKSIZE=&SORTBLK,RECFM=FB),
// VOL=SER=&SORTVOL,LABEL=&SORTLBL
/SYSIN DD DSN=&SLIB.(SSFAREV),DISP=SHR
/* */
/SFAFREPT EXEC PGM=&SUSFARP,PARM=&PGSIZE
/* */ SECOND STEP: SFAFREPT
/STEPLIB DD DSN=&OBJLIB,DISP=SHR
/FIXINPUT DD DSN=&SFASRTD,DISP=&SFASDSP
/FINAIDF DD DUMMY
/FINAIDV DD DUMMY
/DISPLA DD SYSOUT=A,DCB=BLKSIZE=133
// REPORT DD SYSOUT=A,DCB=BLKSIZE=133
/SYSPRINT DD SYSOUT=A
/* */ THE FOLLOWING FILES ARE SELECTED OPTIONALLY
Complete Procedure Listing (Continued)

```plaintext
// *** VIA THE CONTROL CARD.
// CTLINPUT DD DSN=&SLIB(SFACTLCD),DISP=SHR
// *CTLINPUT DD DUMMY
// SUSFARP PROC  SUSFARP='SFARP',
//  ** REPORT PROGRAM

//  YR='07'
//  ** REPORTING YEAR

// OBJLIB='BOR. LINKLIB',
//  ** STEPLIB DSN

// PGSIZE='50',
//  ** LINES PER PAGE

// SFASDSP=('OLD,DELETE'),
//  ** SFAF SORTED DISP

// SFASRTD='&SFASRTD',
//  ** SORTOUT DSN

// SLIB='BOR.IEP.SOURCE',
//  ** SOURCE LIBRARY

// SFAFILE='&SFARPV',
//  ** INPUT FILE

// SORTBLK=,
//  ** SORTOUT BLKSIZE

// SORTDSP=('PASS'),
//  ** SORTOUT DISP

// SORTLBL=,
//  ** SORTOUT LABEL

// SORTLIB='SYS1.SORTLIB',
//  ** SORTLIB DSN

// SORTPGM=SORT,
//  ** SORT PROGRAM NAME

// SORTSPC=('CYL,(25,5),RLSE'),
//  ** SORTOUT SPACE

// SORTUNT=SYSDA,
//  ** SORTOUT UNIT

// SORTVOL=,
//  ** SORTOUT VOLUME

// WKSPC=('TRK,(68,19),RLSE'),
//  ** SORT WORK SPACE

// WKUNT=SYSDA
//  ** SORT WORK UNIT

// ** END OF PROC SYMBOLIC PARAMETERS
// SFAFSORT EXEC PGM=&SORTPGM
// SORTLIB DD DSN=&SORTLIB,DISP=SHR
// SYSOUT DD SYSOUT=A

// SORTWK01 DD UNIT=&WKUNT,SPACE=&WKSPC
// SORTWK02 DD UNIT=&WKUNT,SPACE=&WKSPC
// SORTWK03 DD UNIT=&WKUNT,SPACE=&WKSPC
// SORTIN DD DSN=&SFAFILE,DISP=(OLD,PASS)
// SORTOUT DD DSN=&SFASRTD,DISP=&SORTDSP,
//  ** UNIT=&SORTUNT,SPACE=&SORTSPC,
//  ** DCB=(LRECL=1136,BLKSIZE=&SORTBLK,RECFM=VB),
//  ** VOL=SER=&SORTVOL,LABEL=&SORTLBL
// SYSIN DD DSN=&SLIB.(SSFAREV),DISP=SHR
// */
// SFAFREPT EXEC PGM=&SUSFARP,PARM=&PGSIZE
// */ SECOND STEP: SFAFREPT
// STEPLIB DD DSN=&OBJLIB,DISP=SHR
// VARINPUT DD DSN=&SFASRTD,DISP=&SFASDSP
// FINAIDF DD DUMMY
// FAINADV DD DUMMY
// DISPLA DD SYSOUT=A,DCB=BLKSIZE=133
// REPORT DD SYSOUT=A,DCB=BLKSIZE=133
```

5/9/2007 59
BOG/IRM Support Programs
Student Financial Aid File
SYSOUT DD SYSOUT=A
*
CTLINPUT DD DSN=&SLIB(SFACTLC),DISP=SHR
*CTLINPUT DD DUMMY
Sample Reports

Program Name: SFARPyr
Output File Name: REPORT
Report Title: Financial Aid Summary of Award Amounts
Source Data: Student Financial Aid File

Report Description:

This report is an edit instrument used for monitoring financial aid awards on the Student Financial Aid File. The report lists the totals of all awards by source of funds, program ID, award condition, and dependency status.

Data Elements Used by the Report Program:
01248 - Student Current Dependency Status
01253 - Financial Aid Award Program Identifier
01254 - Financial Aid Award Condition I.D.
01255 - Source of Funds
01256 - Summer 1 Paid Amount
01257 - Fall Semester Paid Amount
01258 - Spring Semester Paid Amount
01259 - Summer 2 Paid Amount
### Summary of Awards by Source of Funds (01255)

<table>
<thead>
<tr>
<th>Source of Funds</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal</td>
<td>$78,484.00</td>
</tr>
<tr>
<td>State</td>
<td>$16,607.11</td>
</tr>
<tr>
<td>Institutional</td>
<td>$12,779.25</td>
</tr>
<tr>
<td>Private</td>
<td>$5,000.00</td>
</tr>
<tr>
<td>Other</td>
<td>$0.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$112,870.36</strong></td>
</tr>
</tbody>
</table>

### Summary of Awards by Award Condition I.D. (01254)

<table>
<thead>
<tr>
<th>Award Condition</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Need Based</td>
<td>$58,956.00</td>
</tr>
<tr>
<td>Need Based Merit</td>
<td>$0.00</td>
</tr>
<tr>
<td>Need Based Performance</td>
<td>$0.00</td>
</tr>
<tr>
<td>Need Based Categorical</td>
<td>$0.00</td>
</tr>
<tr>
<td>Non-Need-Based</td>
<td>$44,361.25</td>
</tr>
<tr>
<td>Non-Need Based Merit</td>
<td>$13,578.57</td>
</tr>
<tr>
<td>Non-Need Based Performance</td>
<td>$8,649.25</td>
</tr>
<tr>
<td>Non-Need Based Categorical</td>
<td>$1,500.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$123,045.07</strong></td>
</tr>
</tbody>
</table>

### Summary of Awards by Program Identifier (01253)

<table>
<thead>
<tr>
<th>Program Identifier</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants</td>
<td>$22,441.54</td>
</tr>
<tr>
<td>Loans</td>
<td>$79,870.00</td>
</tr>
<tr>
<td>Scholarships</td>
<td>$25,433.53</td>
</tr>
<tr>
<td>Student Employment</td>
<td>$0.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$127,745.07</strong></td>
</tr>
</tbody>
</table>

### Summary of Awards by Current Dependency Status (01248)

<table>
<thead>
<tr>
<th>Dependency Status</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Independent</td>
<td>$44,888.25</td>
</tr>
<tr>
<td>Dependent</td>
<td>$63,727.88</td>
</tr>
<tr>
<td>Not Reported</td>
<td>$11,873.94</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$120,490.07</strong></td>
</tr>
</tbody>
</table>
Program Name: SFARPyr

Output File Name: REPORT

Report Title: Summary of Award by Source of Funds (01255), and Financial Aid Award Identifier (01253)

Source Data: Student Financial Aid File

Report Description:

This report provides the user with a listing of all award amounts (Summer One Amount, Summer Two Amount, Fall Award Amount and Spring Amount) by Program Identifier within Source of Funds. An unduplicated head count and summary of awards by Financial Aid Award Program Identifier (01253) and Source of Funds (01255) by term was added to the Student Financial Aid Report Program. An overall total within these categories is provided as well as a 'Need Based' and 'Non Need Based' report.

Data Elements Used by the Report Program:
- 01253 - Financial Aid Award Program Identifier
- 01254 - Financial Aid Award Condition I.D.
- 01255 - Source of Funds
- 01256 - Summer 1 Paid Amount
- 01257 - Fall Semester Paid Amount
- 01258 - Spring Semester Paid Amount
- 01259 - Summer 2 Paid Amount
## Summary of Awards by Financial Aid Award Program Identifier (01253) and Source of Funds (01255)

<table>
<thead>
<tr>
<th>UNDUPPLICATED &lt;</th>
<th>TOTAL &lt;</th>
<th>NEED &lt;</th>
<th>NON &lt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEADCOUNT &lt;</td>
<td>AWARDS</td>
<td>BASED</td>
<td>BASED</td>
</tr>
</tbody>
</table>

**GRANTS**

<table>
<thead>
<tr>
<th>Program Identifier</th>
<th>Semester</th>
<th>Fall Semester</th>
<th>Spring Semester</th>
<th>Summer Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>001 GRANTS-FEDERAL-PELL</td>
<td>SUM1</td>
<td>$157,940,826.87</td>
<td>$157,940,826.87</td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>FALL</td>
<td>$3,552,208.71</td>
<td>$3,552,208.71</td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>SPRG</td>
<td>$77,082,269.05</td>
<td>$77,082,269.05</td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>SUM2</td>
<td>$2,508,440.47</td>
<td>$2,508,440.47</td>
<td>$0.00</td>
</tr>
<tr>
<td>002 GRANTS-FEDERAL-SEOG</td>
<td>SUM1</td>
<td>$10,474,991.11</td>
<td>$10,474,991.11</td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>FALL</td>
<td>$5,029,984.80</td>
<td>$5,029,984.80</td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>SPRG</td>
<td>$4,785,120.31</td>
<td>$4,785,120.31</td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>SUM2</td>
<td>$659,886.00</td>
<td>$659,886.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>003 GRANTS-FEDERAL-OTHER</td>
<td>SUM1</td>
<td>$2,653,085.46</td>
<td>$165,885.63</td>
<td>$2,487,199.83</td>
</tr>
<tr>
<td></td>
<td>FALL</td>
<td>$615,714.69</td>
<td>$28,858.34</td>
<td>$586,856.35</td>
</tr>
<tr>
<td></td>
<td>SPRG</td>
<td>$986,647.65</td>
<td>$61,383.55</td>
<td>$925,264.10</td>
</tr>
<tr>
<td></td>
<td>SUM2</td>
<td>$4,090.00</td>
<td>$4,090.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>004 GRANTS-STATE-FPSAG</td>
<td>SUM1</td>
<td>$34,196,242.32</td>
<td>$34,196,242.32</td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>FALL</td>
<td>$18,796,368.57</td>
<td>$18,796,368.57</td>
<td>$0.00</td>
</tr>
<tr>
<td></td>
<td>SPRG</td>
<td>$15,399,873.75</td>
<td>$15,399,873.75</td>
<td>$0.00</td>
</tr>
<tr>
<td>005 OTHER STATE SOURCES</td>
<td>SUM1</td>
<td>$261,117.30</td>
<td>$211,058.17</td>
<td>$50,059.13</td>
</tr>
<tr>
<td></td>
<td>FALL</td>
<td>$19,134.68</td>
<td>$0.00</td>
<td>$19,134.68</td>
</tr>
<tr>
<td></td>
<td>SPRG</td>
<td>$107,094.67</td>
<td>$100,809.17</td>
<td>$6,285.50</td>
</tr>
<tr>
<td></td>
<td>SUM2</td>
<td>$134,887.95</td>
<td>$110,249.00</td>
<td>$24,638.95</td>
</tr>
<tr>
<td>006 GRANTS INSTITUTIONAL</td>
<td>SUM1</td>
<td>$49,456,297.30</td>
<td>$39,069,405.67</td>
<td>$10,386,891.63</td>
</tr>
<tr>
<td></td>
<td>FALL</td>
<td>$2,708,516.68</td>
<td>$1,750,626.28</td>
<td>$957,890.40</td>
</tr>
<tr>
<td></td>
<td>SPRG</td>
<td>$22,051,781.39</td>
<td>$17,796,443.77</td>
<td>$4,255,337.62</td>
</tr>
<tr>
<td></td>
<td>SUM2</td>
<td>$21,096,910.60</td>
<td>$16,965,268.32</td>
<td>$4,131,642.28</td>
</tr>
<tr>
<td>007 GRANTS-PRIVATE</td>
<td>SUM1</td>
<td>$758,205.22</td>
<td>$188,375.00</td>
<td>$569,830.22</td>
</tr>
<tr>
<td></td>
<td>FALL</td>
<td>$6,797.00</td>
<td>$0.00</td>
<td>$6,797.00</td>
</tr>
<tr>
<td></td>
<td>SPRG</td>
<td>$463,840.74</td>
<td>$99,875.00</td>
<td>$363,965.74</td>
</tr>
<tr>
<td></td>
<td>SUM2</td>
<td>$227,967.48</td>
<td>$88,500.00</td>
<td>$139,467.48</td>
</tr>
<tr>
<td>008 GRANTS-ALL-OTHER</td>
<td>SUM1</td>
<td>$447,192.19</td>
<td>$90,589.50</td>
<td>$356,602.69</td>
</tr>
<tr>
<td></td>
<td>FALL</td>
<td>$958.39</td>
<td>$0.00</td>
<td>$958.39</td>
</tr>
<tr>
<td></td>
<td>SPRG</td>
<td>$211,950.95</td>
<td>$51,979.35</td>
<td>$159,971.60</td>
</tr>
<tr>
<td></td>
<td>SUM2</td>
<td>$47,893.59</td>
<td>$230.00</td>
<td>$47,663.59</td>
</tr>
</tbody>
</table>

---

**Note:** The data is summarized by semester and includes the total amount awarded, the need-based portion, and the non-need-based portion. The total amount awarded includes both Federal Pell Grants and Federal SEOG Grants. The table also shows the distribution of funds by semester (SUM1, FALL, SPRG, SUM2) for each program identifier.
Program Name: **SFARPyr**

Output File Name: **REPORT**

Report Title: Financial Aid Recipient by Student Program

Source Data: Student Financial Aid File

Report Description:

This report is an edit instrument used for monitoring financial aid awards on the Student Financial Aid File. The report contains a count of student Financial Aid recipients broken down by Student Program Category.

Data Elements Used by the Report Program:

01062 – Student Program
<table>
<thead>
<tr>
<th>Program</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENERAL USE</td>
<td>1</td>
</tr>
<tr>
<td>AGRICULTURE &amp; AGRICULTURAL PRODUCTION</td>
<td>0</td>
</tr>
<tr>
<td>RENEWABLE NATURAL RESOURCES</td>
<td>0</td>
</tr>
<tr>
<td>ARCHITECTURE &amp; ENVIRONMENTAL DESIGN</td>
<td>2</td>
</tr>
<tr>
<td>AREA AND ETHNIC STUDIES</td>
<td>0</td>
</tr>
<tr>
<td>COMMUNICATIONS</td>
<td>0</td>
</tr>
<tr>
<td>COMMUNICATIONS TECHNOLOGY</td>
<td>1</td>
</tr>
<tr>
<td>COMPUTER &amp; INFORMATION SCIENCE</td>
<td>0</td>
</tr>
<tr>
<td>EDUCATION</td>
<td>1</td>
</tr>
<tr>
<td>ENGINEERING</td>
<td>0</td>
</tr>
<tr>
<td>ENGINEERING &amp; RELATED TECHNOLOGIES</td>
<td>0</td>
</tr>
<tr>
<td>FOREIGN LANGUAGES</td>
<td>0</td>
</tr>
<tr>
<td>HEALTH SCIENCES</td>
<td>0</td>
</tr>
<tr>
<td>HOME ECONOMICS</td>
<td>0</td>
</tr>
<tr>
<td>LAW</td>
<td>0</td>
</tr>
<tr>
<td>LETTERS</td>
<td>2</td>
</tr>
<tr>
<td>LIBERAL/GENERAL STUDIES</td>
<td>0</td>
</tr>
<tr>
<td>LIBRARY &amp; ARCHIVAL SCIENCES</td>
<td>0</td>
</tr>
<tr>
<td>LIFE SCIENCES</td>
<td>0</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>0</td>
</tr>
<tr>
<td>MULTI/INTERDISCIPLINARY STUDIES</td>
<td>0</td>
</tr>
<tr>
<td>PARKS &amp; RECREATION</td>
<td>0</td>
</tr>
<tr>
<td>PHILOSOPHY, RELIGION &amp; THEOLOGY</td>
<td>0</td>
</tr>
<tr>
<td>PHYSICAL SCIENCES</td>
<td>0</td>
</tr>
<tr>
<td>PSYCHOLOGY</td>
<td>0</td>
</tr>
<tr>
<td>PROTECTIVE SERVICES</td>
<td>0</td>
</tr>
<tr>
<td>PUBLIC AFFAIRS</td>
<td>0</td>
</tr>
<tr>
<td>SPORT SCIENCE</td>
<td>0</td>
</tr>
<tr>
<td>SOCIAL SCIENCES</td>
<td>0</td>
</tr>
<tr>
<td>VISUAL &amp; PERFORMING ARTS</td>
<td>0</td>
</tr>
<tr>
<td>HEALTH PROFESSIONS &amp; RELATED SCI.</td>
<td>9</td>
</tr>
<tr>
<td>BUSINESS MANAGEMENT</td>
<td>4</td>
</tr>
<tr>
<td>HISTORY</td>
<td>0</td>
</tr>
</tbody>
</table>
B3 Report Procedure (SUSFAB3)

SUSSFAB3 is a COBOL program that creates for the user a B3 report for submission to the Office of Civil Rights. The program uses a control card to determine the report number and the institution's name and address.

In processing the financial aid file, any records which contain invalid codes for race, sex or segment number will be listed in a detail listing prior to the report. Any records which are coded with an 'X' for either race or sex will not be processed and a count of these records will follow the report.

Flowchart
Procedure and Program Descriptions

Input Files

FINAIDV  The SFA file used only with variable length file
Variable Format
163 to 1132 characters
Optional

FINAIDF  The SFA file used only with fixed length file
Fixed Format
Optional

CARDIN  The control card
Fixed Format, sequential
80 characters
Required

Output Files

B3RPT  The OCR B3 report
Fixed Format
132 characters
Optional

Library Members Referenced

The Procedure source name is SUSFAB3
Execution Procedure

To execute the Student Financial Aid File B3 Report follow these steps.

1) Code the control card to select the desired options.

2) Execute catalogued procedure SUSFAB3 (for variable format SFA file) using the selected optional and all required files.

Sample JCL

The following is a sample jobstream. If more detail is needed please consult the complete procedure listing.

```bash
//STEP1 EXEC SUSFAB3
//SUSFAB3.FINAIDV DD DSN=YOUR.FILE.NAME,DISP=SHR
//SUSFAB3.CARDIN DD *
V2007SUS
```

This jobstream creates the OCR B3 report, along with a detailed listing of invalid codes and record reports.

Note: Catalogued procedure SUSFAB3 sorts the user's Student Financial Aid File prior to executing the report program. If you are using a fixed length SFA file as input, then change the file length format (FINAIDV) to indicate a fixed length format (FINAIDF) and substitute an 'F' for the 'V' on the control card.
## SUSSFAB3 Control Card Information

<table>
<thead>
<tr>
<th>FLD ID</th>
<th>FIELD NAME</th>
<th>FIELD TYPE</th>
<th>PICTURE</th>
<th>FURTHER INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SFA File Type</td>
<td>Mandatory</td>
<td>X</td>
<td>V=variable; F-fixed; Other=Variable.</td>
</tr>
<tr>
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<th>FURTHER INFORMATION</th>
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5/9/2007
Complete Procedure Listing

```plaintext
PROCEDURE SUSFAB3

OCR B3 REPORTING PROCEDURE

//SUSFAB3 PROC SUSSFB3='SFAB3', ** PROGRAM NAME **
OBJLIB='BOR.LINKLIB', ** OBJECT LIB DSN **
YR='07', ** PROGRAM YEAR **
B3RPORT='A,DCB=BLKSIZE=133' ** REPORT OUTGROUP **

END OF SYMBOLIC PARAMETERS

SUSFAB3 EXEC PGM=&SUSSFB3&YR

STEPLIB DD DSN=&OBJLIB,DISP=SHR
FINAIDF DD DUMMY
FINAIDV DD DUMMY
B3RPT DD SYSOUT=&B3RPORT
//SYSOUT DD SYSOUT=A
//SYSDBOUT DD SYSOUT=A,
```
Sample Reports

Program Name: SFAB3yr

Output File Name: B3RPT

Report Title: Financial Assistance to Students in Institutions of Higher Learning

Source Data: Student Financial Aid File

Report Description:

This report consists of the B3 Report for compliance with the office of Civil Rights. Records which have been rejected prior to processing are listed first, followed by the B3 report. Finally, a count of records omitted because of an unknown sex or race is given.
### BOG/IRM Support Programs
#### Technical Student Financial Aid File

**B3 Report Procedure**

**TERM:** 2006  **B3**  **FINANCIAL ASSISTANCE TO STUDENTS IN INSTITUTIONS OF HIGHER EDUCATION - THE FLORIDA BOARD OF EDUCATION**

**PAGE OF**  99999  1 OF 4

---

#### RACE / ETHNIC IDENTIFICATION AND SEX

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Submission Procedure (SUSSFASB)

The procedure SUSFASB reads the Student Financial Aid File and generates a good file and the reports used by the Board Office to determine if a file will be accepted or rejected. The submission procedure accesses the SFA Edit Procedure (SUSFAEDV/SUSFAEDF), the SFA Report Procedure (SUSFARPV/SUSFARPF) and the SFA B3 Report Procedure (SUSFAB3). Each of these procedures may also be run separately and a chapter is included for each in the Technical Information Section. Refer to each individual.

Flowchart
Procedure and Program Descriptions

SFAEDyr

Input Files

VARINPUT The unedited SFA File(used only in SUSFAEDV)
Variable Format, Sequential
Contains 163 to 1132 characters required (only in SUSFAEDV)

FIXINPUT The unedited SFA File (used only in SUSFAEDF)
Fixed Format, Sequential
Contains 1132 characters required (only in SUSFAEDF)

CTLINPUT Control Card and diagnostic override file
Fixed Format, Sequential
Contains 80 characters required

DIAGPREV Comparison annual diagnostic error file
Fixed Format, Indexed
Contains 144 characters

Optional. Contains counts of messages on all elements as generated by the Edit
Summary Report of the previous submission. If used, will print in this Edit Summary
Report and generate and print a difference count. This may help illuminate unexpected
variance in data reported.

Output Files

GOODFILE The Edited SFA file
Variable Format, Sequential
Contains 163 to 1132 characters, Optional

ERRFILE Rejected SFA records file
Variable Format, Sequential
Contains 163 to 1132 characters, Optional

CORRFORM Correcting Entry File
Fixed Format, Sequential
Contains 80 Characters, Optional
BOG/IRM Support Programs
Student Financial Aid File

File Information

DIAGFILE Diagnostic Error Subfile
    Fixed Format, Sequential
    Contains 144 characters, optional

Printer Output

SYSOUT Sort Program Completion Statistics
    Fixed Format, sequential
    133 characters
    Required

DISPLA Processing Information File
    Fixed Format, sequential
    133 characters
    Required

ERRLIST Detailed Error List
    Fixed Format, sequential
    133 characters
    Optional

DETLIST Summaries
    Fixed Format, sequential
    133 characters
    Optional

SFARPyr

Input Files

SFAFILE SFA source file
    Fixed or Variable Format, sequential
    163 to 1132 characters
    Required

Output Files

SYSOUT System completion statistics
    Fixed Format, sequential
    132 characters
    Required

SFARPT SFA Student Profile Report
    Fixed Format, sequential

5/9/2007
BOG/IRM Support Programs

Student Financial Aid File

File Information

132 characters

Required

File Layout

Input Files

FINAIDV

The SFA file used only with variable length file
Variable Format
163 to 1132 characters
Optional

FINAIDF

The SFA file used only with fixed length file
Fixed Format
Optional

CARDIN

The control card
Fixed Format, sequential
80 characters
Required

Output Files

B3RPT

The OCR B3 report
Fixed Format
132 characters
Optional

Library Members Referenced

The Procedure Name is
SUSSFASB
The Procedure Sort Source Member is
SUSFAREF
SUSFAREV
The Edit Program Name is
SFAED05
The Report Program Names are
SFARP05
SFAB305
The Control Card Names are
SFACtlCD (SFA Edit Control Card)
SFARPCTL (SFA Report Control Card)
SFAB3CTL (B3 Report Control Card)

5/9/2007
Execution Procedure

To execute Procedure SUSSFASB follow these steps.

1) Prepare the input Student Financial Aid File according to the description provided in File Specifications section.

2) Code the required parameters “Univ” and “Year” (See Below)

3) Optionally code the parameters to catalog the good file out of the edit program.

4) Execute Procedure SUSSFASB

Sample JCL

//PROCLIB DD DSN=BOR.PROCLIB,DISP=SHR
/*
//EDITS EXEC SUSFAFSB,
// SUBFILE='your.input.file.name',
// SUBGOOD='your.good.output.file.name',
// SFADSP='(,CATLG,DELETE)',
// TERM='2007',
// UNIV='univ'
*/
Complete Procedure Listing

//SUSFAVSB PROC SUBFILE=,
// YEAR='YYYY',
// UNIV='UNIV',
// *
// SFABAD='&SFABAD',
// SUBGOOD='&SUBGOOD',
// SFABLK=,
// SFADSP='(,PASS)',
// SFALBL=,
// SFASPC='(CYL,(25,5),RLSE)',
// SFAUNT=SYSDA,
// SFAVOL=,
// *
// NLIB='BR.SFA.LIB',
// SFADIAG='&SFADIAG',
// SFADDSSP='(,PASS)',
// WRKSPC='(TRK,(150,20),RLSE)',
// UNIT='SYSDA',
// VOL=
// *
// END OF PROC SYMBOLIC PARAMETERS
// *
//STEP1 EXEC SUSFAEDV,
// YEAR=&YEAR,
// UNIV=&UNIV,
// SFAFILE=&SUBFILE,
// SFAGOOD=&SUBGOOD
//SFAEDIT.GOODFILE DD DSN=&SFAGOOD,DISP=&SFADSP,
// UNIT=&SFAUNT,SPACE=&SFASPC,
// DCB=(LRECL=1136,BLKSIZE=&SFABLK,RECFM=VB),
// VOL=SER=&SFAVOL,LABEL=&SFALBL
//SFAEDIT.ERRFILE DD DSN=&SFABAD,DISP=&SFADSP,
// UNIT=&SFAUNT,SPACE=&SFASPC,
// DCB=(LRECL=1136,BLKSIZE=&SFABLK,RECFM=VB),
// VOL=SER=&SFAVOL,LABEL=&SFALBL
//SFAEDIT.DIAGFILE DD DSN=&SFADIAG,DISP=&SFADDSP,
// UNIT=&UNIT,SPACE=&WRKSPC,
// DCB=(LRECL=144,RECFM=FB),
// VOL=SER=&VOL
//SFAEDIT.CTLINPUT DD DSN=&NLIB(SFACTLCD),DISP=SHR
//*
//*
//STEP2 EXEC SUSFARPV,
// YEAR=&YEAR,
// UNIV=&UNIV,
// SFAFILE=&SUBGOOD
//SFAFREPT.VARINPUT DD DSN=&SUBGOOD,DISP=(OLD,PASS)
//SFAFREPT.CTLINPUT DD DSN=&NLIB(SFARPCTL),DISP=SHR
//*
//STEP3 EXEC SUSFAB3,
// YEAR=&YEAR,
// UNIV=&UNIV
//SUSFAB3.FINAIDV DD DSN=&SUBGOOD,DISP=(OLD,PASS)
//SUSFAB3.CARDIN DD DSN=&NLIB(SFAB3CTL),DISP=SHR
FILE INFORMATION

Student Financial Aid File

Dataset Name

Student Financial Aid File 2006-2007

PHYSICAL ATTRIBUTES

Sort Sequence:
1. 01029  Person Identification Number
2. 01252  Financial Aid Award Identifier

Internal Description:

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## Student Financial Aid File

### 2006-2007

File Attributes: LRECL=1132, RECFM=VB, BLKSIZE=Default
Sort Sequence: 01029, 01252

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### DEMOGRAPHICS

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### CLASSIFICATION

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5/9/2007 82
# Student Financial Aid File

**2006-2007**

File Attributes: LRECL=1132, RECFM=VB, BLKSIZE=Default
Sort Sequence: 01029, 01252

### FLD ID | GENERIC NAME | ELEMENT NUMBER | BEG/END POSITION | PICTURE
---|---|---|---|---
170 | RESERVED FOR BOG | | 079-090 | X(12) |
180 | RESERVED FOR INSTITUTION | | 091-110 | X(20) |
190 | NUMBER OF OCCURRENCES OF SEGMENT | 01093 | 111-112 | 9(2) |

**AWARDS**

| FLD ID | GENERIC NAME | ELEMENT NUMBER | BEG/END POSITION | PICTURE |
---|---|---|---|---
200 | FINANCIAL AID AWARD SEGMENT OCCURS 1-20 TIME DEPENDING ON NUMBER OF OCCURRENCES OF SEGMENT | 01460 | 113-163 | X(51) |
210 | FINANCIAL AID AWARD IDENTIFIER | 01252 | 113-116 | X(4) |
220 | FINANCIAL AID AWARD PROGRAM IDENTIFIER | 01253 | 113-115 | X(3) |
230 | FINANCIAL AID AWARD CONDITION I.D. | 01254 | 116-116 | X(1) |
240 | SOURCE OF FUNDS | 01255 | 117-117 | X(1) |
250 | SUMMER 1 PAID AMOUNT | 01256 | 118-126 | 9(7)V9(2) |
260 | FALL SEMESTER PAID AMOUNT | 01257 | 127-135 | 9(7)V9(2) |
270 | SPRING SEMESTER PAID AMOUNT | 01258 | 136-144 | 9(7)V9(2) |
280 | SUMMER 2 PAID AMOUNT | 01259 | 145-153 | 9(7)V9(2) |
290 | RESERVED FOR INSTITUTION | | 154-163 | X(10) |

For more information on data elements, see the SUS data dictionary on the web at: [www.flbog.org/IRM/](http://www.flbog.org/IRM/).
## Data Elements

### Alphabetical Listing of Data Elements

**Student Financial Aid File**

**2006-2007**

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