DEPARTMENT OF EDUCATION-FSA
FMS MODERNIZATION PARTNER
REPORT FUNCTIONAL DESIGN

FSA GA ANNUAL AMENDMENT REPORT

TO 130 – Form 2000 Enhancements

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Document Change Control

Date	Author	Version	Change Reference
03/27/03	Stewart Sadler	1.0	Initial Creation

Approval

Created By:	Stewart Sadler	202-962-0689	**Creation Date:** 03/13/2003
Team Lead Sign Off:	Joanna Zieba	312-693-3414	**Sign Off Date:** 04/11/2003
Project Lead Sign Off:	Jen Alden	202-962-0682	**Sign Off Date:** 04/15/2003
FSA Representative Sign Off:	Matt Fontana	202-377-3005	**Sign Off Date:**

Specification

Report Name:	FSA GA Annual Amendment Report
Functional Design Document ID & Title:	FSA_GA_ANNUAL_AMEND_RPT_FD.doc
Application:	Form 2000
Priority:	High
Estimated Production Date:	July 2003
Other Affected Applications:	None
Comments:	

General Requirements

Business Objective:

As part of TO 130, the Integration Partner has been tasked with enhancing Form 2000 to provide the ability for the Guarantee Agencies (GAs) to create amended Annual entries within Form 2000. (Requirements Matrix 2.1- 2.9) Currently, the GAs only have the ability to submit the Annual entries once and are not able to resubmit data on this form for the same fiscal year.

Due to the Amended Annual Form 2000 enhancement, there is a need to create a custom Oracle report that will display the fields that have changed when an amended annual form is submitted. (Requirement 2.10) The objective of this Annual Amendment Report is to provide the Financial Partners (FPs) with a report that will highlight the differences between the current amended form and the previous version. This will allow them to review the fields that have been amended without having to compare every field on the two forms.

This report will be accessible to both FP and GA users. Once an amended annual form has been submitted, the FPs will run this Annual Amendment Report by entering the GA Code and Fiscal Year as report parameters. The GA users will only have to enter the Fiscal Year parameter because the GA Code will be defaulted. As additional amendments are made to the annual form, the Annual Amendment Report will always compare the most recent amended report with the last report that was accepted by the FP. For example, if the most recent submission by the GA is the second amendment, the report will compare the second amendment to the first amendment and show the differences between the two.

Component Description:

To fulfill the Business Objective, a custom Oracle report will be created to compare the values from the amended annual form with the values from the previous annual form accepted by the FPs. The report will compare the corresponding values for fields AR-1 through AR-57 from each form and display any fields that have changed.

The header of the new custom Oracle Report will contain the following fields:

- **GA Code**
- **Fiscal Year**
- **GA Name**
- **ED Comments**
- **GA Comments**
- **Amendment Version**
- **Amendment Date**

The report body will contain 2 columns:

- **'Amount/CY Actual' / 'Amendment "x" Amount' column**– This first column will contain the values for AR1-AR57 for the previous form accepted by the FPs. The heading of this column will be conditionally displayed depending on which amendment versions are being compared. If the report is comparing amendment 1 to the original form, the heading will still display 'Amount/CY Actual'. But if the report is comparing amendment 2 to amendment 1, the heading will display 'Amendment 1 Amount.' This process will continue for as many amendments as the user makes.
- **Amended Amount Column** – The second column will display any values that have changed on the amended annual form. The fields in this column will only contain values for the fields that have changed. If the field on the amended annual form has not changed, the corresponding amended amount field will be blank.

In order to allow this report to be submitted by both FP and GA users, the report will be registered twice. This is due to the fact that different parameters are required based on the user submitting the report. If a GA user submits the report, the only parameter required will be Fiscal Year. The GA Code parameter will be defaulted, because the GAs are only

allowed to run this report for their respective GA. If a FP submits the report, both the GA Code and Fiscal Year parameters will be required.

Component Risks:

None

Authorization:

- THE FPS will have the ability to run this report for all GAs.
- The GAs will only have the ability to run this report for their respective GA.

Scheduling Requirements:

This report will be submitted manually by the user as needed from the following menu path:
Others → Requests → Run → FSA GA Annual Amendment report.

Report Characteristics:

Legacy Report Name:	N/A
Distribution:	ED Financial Partners (FP) and Guarantee Agency users
Summary Level:	Detail
Output:	Online
Volume:	One Record per Report
Frequency:	As needed. This report can be run any time after a GA makes an amendment to the annual form.

Development Complexity:

Medium

Assumptions:

1. The GA users will not be able to change any of the projection columns on the amended report.
2. The GAs will have the ability to submit an amended Annual Form 2000 only after the original Annual Form 2000 has been accepted by the FPs in FMS for a fiscal year.
3. GAs are able to view and submit records only for their own GA code.
4. Two new columns will be added to the Annual Form 2000 table. One column will hold the amendment version number and the other will hold the most updated record flag.
5. Amended Annual Form 2000 for a prior fiscal year may be submitted an unlimited number of times for each GA code until the Annual Form 2000 for the next fiscal year is received. However, the amended report can only be submitted for reports that have a status of 'accepted.'
6. The Amendment Date field will be displayed in the header of the form. The Amendment Date will be the creation date of the amendment.
7. The GAs will only have the ability to modify the most updated record as an amendment that will then be saved as a new record.
8. Amendments submitted for records that have a status of "Accepted" will be created as a new record in the database.
9. When saving changes made to records that are amendments with a status of "Rejected" or "In Process", the record will be updated, not inserted, in the database.
10. All initial entries of a record will be assigned an amendment version number of 0.
11. All records that currently exist in the database will have a null amendment version number.
12. Each itemized line item for items AR-20, AR-25, AR-36, and AR-39 will be linked to each GA Code/ Fiscal year, including amendments, by the AR id in the database tables. Therefore, no columns need to be added to the FFELGA_ANNUAL_ITEMS table. This also means that for each record created in the Annual Form 2000, there will be a record created for each itemized line item related to that Annual Form 2000 record.
13. The GA code is properly linked to the supplier through the user name of the GA running the report.
14. If the GA runs the report and no amendments exist, no data will be found. (Even though the original exists.)

Design

Report Layout:

Report Date: 25-Mar-03 14:52:47

Department of Education - Student Financial Assistance

Page: 1 of 3

FSA GA Annual Amendment Report

GA Code: 708 Status: Submitted For Fiscal Year of: 2003

GA Name: California Student Aid Commission

Ed Comments: Show me the money!

GA Comments:

Amendment Version Number: 2 Amendment Date: 04-April-03

Item No.	Category Detail	Amount/ CY Actual	Amended Amount
	Loans in Repayment		
AR-1	Loans Guaranteed	23,000,642	
AR-2	All Loans Cancelled	29,800	298,000
AR-3	Federal Consolidation	3000	
AR-4	Federal Consolidation	3062	
AR-5	Uninsured Loans		
AR-6	Loans Transferred	0	2000
AR-7	Loans Transferred O	0	
AR-8	Default Claims Paid	18,000	
AR-9	Bankruptcy Claims	500	
AR-10	Death and Disability	200	
AR-11	Closed School/False	1000	
AR-12	Loans Paid in Full	200	
AR-13	Federal Stafford and	1200	
AR-14	Total Loans in Defer	2000	
	Federal Fund		
AR-15	Beginning Balance	2000	
AR-16	Investment Earnings	1000	
AR-17	Reinsurance from ED	2500	
AR-18	Collections and Default	240	2400
AR-19	Insurance Premiums	220	
AR-20	Other Revenues	150	
AR-21	Claims Expensed to	4000	
AR-22	Recall of Federal Fund	2100	
AR-23	Transfer to Operating	2000	
AR-24	Transfer to Operating	1500	
AR-25	Other Expenses	2100	
AR-26	Ending Balance	1600	
AR-27	Amount Transferred	4214	
AR-28	Amount Received	1234	
	Operating Fund	5678	

AR-29	Beginning Balance	910
AR-30	Default Aversion	1112
AR-31	Loan Processing and	1314
AR-32	Account Maintenance	1516
AR-33	Transfer from Federal	1718
AR-34	Collections for Default	1920
AR-35	Investment Earnings	2122
AR-36	Other Revenue	2324
AR-37	Collections of Default	2526
AR-38	Operating Expense	2728
AR-39	Other Expenditures	2930
AR-40	Ending Balance	3132
AR-41	Amount Received From	3334
AR-42	Amount Repaid to	3536
	Restricted Account	3738
AR-43	Beginning Balance	3940
AR-44	Recall of Federal Funds	4142
AR-45	Investment Income	4344
AR-46	Investment Income	4546
AR-47	Ending Balance	4748
	Balance Sheet Section	
AR-48	Cash, Cash Equivalent	4950
AR-49	Restricted Account	5152
AR-50	Net Investment in	5253
AR-51	Accounts Receivable	5354
AR-52	Other Assets	5556
AR-53	Accounts Payable	5758
AR-54	Accounts Payable to	5960
AR-55	Other Liabilities	6061
AR-56	Allowances and Other	6162
AR-57	Federal Fund Balance	6263
	Detail - Drop Downs	

Detailed Description of New/Changes to Existing Report:
See Component Description

Existing/Original Report Name:
N/A

Field Information: Only New or Modified fields are listed below.

Field Name	Field Heading	Table Name	Field Type	Display Characteristics	Field Length	Comments (Functional Notes / Calculations / Validations)
GA_CODE	GA Code	FFELGA_ANNUAL_ REPORTS	VarChar2	N/A	20	N/A
F_YEAR	For Fiscal Year of	FFELGA_ANNUAL_ REPORTS	Number	N/A	4	N/A
ED_ COMMENTS	ED Comments	FFELGA_ANNUAL_ REPORTS	VarChar2	N/A	66	N/A
GA_ COMMENTS	GA Comments	FFELGA_ANNUAL_ REPORTS	VarChar2	N/A	66	N/A
VENDOR_ NAME	GA Name	APPS.PO_VENDORS	VarChar2	N/A	66	N/A
AMENDMENT _NUMBER	Amendment Version Number	FFELGA_ANNUAL_ REPORTS	Number	N/A	5	N/A
CREATION_ DATE	Amendment Date	FFELGA_ANNUAL_ REPORTS	Date	N/A	66	N/A
AR1_CY – AR57_CY	AR-1 through AR-57 field names	FFELGA_ANNUAL_ REPORTS	Number	N/A	20	N/A
F_AR1_AM – F_AR57_AM	AR-1 through AR-57 field names	FFELGA_ANNUAL_ REPORTS	Number	N/A	20	N/A
CP_AR1_AM - CP_AR57_AM	N/A	N/A	Placehold er Columns	N/A	N/A	N/A
CF_AR1_AM - CF_AR57_AM	N/A	N/A	Formula Columns	N/A	N/A	N/A

Input Parameters for GA:

Parameter Name	Data type	Default Value	Required (Y/N)	Value Set	Comments
GA_CODE	Number	If GA user, then defaults to GA Code associated to user	Y	EDSFA_GA_CODE	If a user is a GA, then the report only requires the Fiscal Year parameter and defaults the GA Code parameter behind the scenes
F_YEAR	Number	None	Y	SFA_FFEL_Year_Code_Value_Set	N/A

Input Parameters for ED:

Parameter Name	Data type	Default Value	Required (Y/N)	Value Set	Comments
GA_CODE	Number	None	Y	EDSFA_GA_CODE	N/A
F_YEAR	Number	None	Y	SFA_FFEL_Year_Code_Value_Set	N/A

Database Objects:

Database Object Name	Object Type	Oracle Application	Comments
N/A	*N/A*	*N/A*	

Main Title:
FSA GA Annual Amendment Report

Subtitle:
N/A

Breaking:
Breaks at report level

Totals/Subtotals:
No total/subtotals

Sorting:
No sorting

Dependencies

Dependencies on Other RICE Components:

- This report is dependent upon the Amended Annual Form 2000 enhancement (Requirements Matrix 2.1 through 2.9).

Dependencies on Other Business Components:
N/A

Design Constraints:
N/A

Performance Considerations:
N/A

Implementation Considerations:
N/A

Other Dependencies/Special Concerns:
N/A

Error Handling

[REQUIRED]

Potential Errors	Possible Reasons	Solution Strategy
No data found when GA runs report	No data exists for specified GA Code and Year since no amendments have been made to the specified form	Verify that an amendment has been submitted for the Fiscal Year entered
No data found when FP runs report	No data exists for specified GA Code and Year since no amendments have been made to the specified form	Verify that an amendment has been submitted for the GA Code and Fiscal Year entered

Testing Requirements

[REQUIRED. List at a high level any requirements that exist to fully test this component.]

Requirement #	Test Condition	Expected Results
2.10	Make a change to fields AR-1 through AR-57 in the 'Amount/ CY Actual' column on the annual form and submit an amendment. Run the Amended Annual Report.	The report will run and display the amended amount in the Amended Amount column of the report. The amendment version number and amendment date will also display in the header.
2.10	Log into Oracle as a GA User. Run the Amended Annual Report.	The parameter screen will appear. The Fiscal Year field will be available for entry.
2.10	Log into Oracle as an FP User. Run the Amended Annual Report.	The parameter screen will appear. Both the GA Code and the Year fields will be available for entry.
2.10	Create a second amendment to a financial form and run the Amended Annual Report	The report compares the second amendment to the first amendment. The report heading for

		the Amount/ CY Actual column changes to Amendment 1 Amount and the Amendment 1 values are displayed in fields AR1-AR57.
2.10	Log into Oracle as a FP or GA user and run the Amended Annual Report for a form that has not had an amendment made.	The following message will be displayed, 'There is no data found.'

Issues and Additional Considerations

The following Issues were defined during Functional Design:

Issue	Raised By / Date Needed	Resolution/Answer	Resolved By / Date Completed

Appendix

[Enter updates to the design, etc. Please reference the changes in the original design and include the author and date in the appendix as well as in the Change Control section.]