

DEPARTMENT OF EDUCATION-FSA
FMS INTEGRATION PARTNER
REPORT FUNCTIONAL DESIGN



FSA FMS SUMMARY RECONCILIATION REPORT
TO 149 – Form 2000 System Enhancements

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Subject: FSA FMS Summary Reconciliation Report

Phase: TO 149 – Form 2000 System Enhancements

Prepared by: Julio Herrera

Date: October 20, 2003

Version: 1.0

Document Change Control

Date	Author	Version	Change Reference
10/20/2003	Julio Herrera	1.0	Document Creation

Approval

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Subject: FSA FMS Summary Reconciliation Report
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Specification

Report Name:	FSA FMS Summary Reconciliation Report
Functional Design Document ID & Title:	FSA_FMS_SUMMARY_RECONCILIATION_RPT_FD
Application:	FMS Oracle GL Module
Priority:	High
Estimated Production Date:	April 2004
Other Affected Applications:	None
Comments:	None

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General Requirements

Business Objective:

As part of TO 149 efforts, FMS has been tasked with developing a financial report that displays Federal Fund and Restricted Account Balances (Requirement 1.1).

This report will be used by the FSA CFO Accounting Division to identify discrepancies in Guarantee Agency (GA) activity as a result of validations using pre-defined calculations. This functionality will enhance the reconciliation efforts for FSA CFO Accounting in regards to specific Form 2000 data in FMS.

Component Description:

This document describes the functionality and the requirements related to the FSA FMS Summary Reconciliation Report. The FSA CFO Accounting division will have the ability under the appropriate Oracle Applications responsibilities (FSA FP GA Manager and FSA GL User) to manually generate the FSA FMS Summary Reconciliation Report for a specified GA Code for a given fiscal year (Requirement 1.2 and 1.3).

The FSA FMS Summary Reconciliation Report header will display GA Code, GA Name and Fiscal Year (Requirement 1.4). The report body will contain two major sections: Federal Fund and Restricted Account Balances. It will contain Accepted Annual Report current year data and the most up to date Amended Annual Reports data (Requirement 1.5 and 1.6).

The first section will display all Federal Fund data for the specified GA Code, Fiscal Year. The description and the corresponding dollar amount will be displayed for the following line items (Requirement 1.7):

- Ending Balance prior year (AR-26)
- Beginning Balance current year (AR-15)
- Investment Earnings current year (AR-16)
- Reinsurance from ED current year (AR-17)
- Collections of Default current year (AR-18)
- Insurance Premiums current year (AR-19)
- Other Revenues current year current year (AR-20)
- Claims Expensed to Lenders current year (AR-21)
- Recall of Federal Funds to Restricted Account current year (AR-22)
- Transfer to Operating Fund for Default Aversion current year (AR-23)
- Transfer to Operating Fund for AMF current year (AR-24)
- Other Expenses current year (AR-25)
- Ending Balance current year (AR-26)

The Federal Fund section will include rows stating the difference between certain values such as: Difference between Federal Fund Ending Balance prior year and Beginning Balance; Difference between Federal Fund Calculation and Federal Fund Ending Balance (Part of Requirement 1.8). Federal Fund will be calculated as $(AR15 + AR16 + AR17 + AR18 + AR19 + AR20) - (AR21 + AR22 + AR23 + AR24 + AR25)$ (Requirement 1.9).

The second section will display all Restricted Account Balances data for the specified GA Code, Fiscal Year. The description and the corresponding dollar amount will be displayed for the following line items:

- Ending Balance prior year (AR-47)
- Beginning Balance current year (AR-43)
- Recall of Federal Funds from Federal Fund current year (AR-44)
- Investment Income on Restricted Account current year (AR-45)
- Investment Income Expensed for Default Prevention current year (AR-46)
- Ending Balance current year (AR-47)

This section will include rows stating the difference between certain values such as: Difference between Restricted Account Ending Balance prior year and Restricted Account Beginning Balance current year; Difference between Restricted Account Calculation and Restricted Account Ending Balance current year (Part of Requirement 1.8). Restricted Account will be calculated as (AR43 + AR44 + AR45) - AR46 (Requirement 1.10).

The FSA FMS Summary Reconciliation Report will have the same format as the current FSA FMS Monthly Calculated Federal Receivable Balance Report (Requirement 1.11). If the report finds no applicable data for the given parameter combination, “No Data Found” will be displayed in the body of the report.

Component Risks:

None

Authorization:

FSA FP GA Manager and FSA GL User

Scheduling Requirements:

The report will be manually submitted within the Oracle Concurrent Manager as needed

Report Characteristics:

Legacy Report Name:	N/A
Distribution:	FSA CFO Accounting Division
Summary Level:	Summary
Output:	Online/Print
Volume:	One record per report
Frequency:	As Needed

Development Complexity:

Medium

Security Concerns:

None

Assumptions:

1. Report will only retrieve records with a report status of ‘Accepted’
2. Report will only retrieve records with the latest amendment version number
3. Annual Projection data is not required in report
4. Dollar amount field will display two decimal places
5. Pre-defined calculations provided by FSA CFO are valid and current

Design

Report Layout:

**U.S. Department of Education
FSA FMS Summary Reconciliation Report**

GA Code: 800
GA Name: United Student Aid Funds
Fiscal Year: 2002

Federal Fund

Line Item/Description	Amount
AR-26 Ending Balance Prior Fiscal Year	100.00
AR-15 Beginning Balance	100.00
AR-16 Investment Earnings	50.00
AR-17 Reinsurance from ED	250.00
AR-18 Collections of Default	100.00
AR-19 Insurance Premiums	0.00
AR-20 Other Revenues	20.00
AR-21 Claims Expensed to Lenders	300.00
AR-22 Recall of Federal Funds to Restricted Account	30.00
AR-23 Transfer to Operating Fund for Default Aversion	25.00
AR-24 Transfer to Operating Fund for AMF	40.00
AR-25 Other Expenses	10.00
AR-26 Ending Balance	115.00
Ending Balance Prior Fiscal Year - Beginning Balance	0.00
Federal Fund Calculation and Federal Fund Ending Balance	0.00

Restricted Account

Line Item/Description	Amount
AR-47 Ending Balance Prior Fiscal Year	2,000.00
AR-43 Beginning Balance	2,000.00
AR-44 Recall of Federal Funds from Federal Fund	30.00
AR-45 Investment Income on Restricted Account	200.00
AR-46 Investment Income Expensed for Default Prevention	50.00
AR-47 Ending Balance	2,180.00
Ending Balance Prior Fiscal Year - Beginning Balance	0.00
Beginning Balance + Recall of Federal Funds from Federal Fund + Investment Income on Restricted Account - Investment Income Expensed for Default Prevention - Ending Balance	0.00

Detailed Description of New/Changes to Existing Report:

See Component Description

Existing/Original Report Name:

N/A

Field Information:

Field Name	Field Heading	Table Name / Column Name	Field Type	Display Characteristics	Field Length	Comments (Functional Notes / Calculations / Validations)
GA Code	GA Code	N/A	Varchar2		3	
GA Name	GA Name	N/A	Varchar2		80	
Fiscal Year	Fiscal Year	N/A	Varchar2		4	
Line Item/Description	Line Item/Description	N/A	Varchar2		250	
Amount	Amount	N/A	Number		12,2	
AR-15 – AR-47	AR-15 through AR-47 field names	N/A	Char		250	AR_26 for the specified year and the prior year will be displayed as shown on report layout.
F_AR-15 – F_AR-47	AR-15 through AR-47 values	FFELGA_ ANNUAL_ REPORTS/ AR-15 – AR-47	Number		12,2	AR_26 for the specified year and the prior year will be displayed as shown on report layout.
Federal_Fund_Balance_calc	Federal Fund Calculation	N/A	Char		250	
F_Federal_Fund_Balance_calc	Federal Fund Calculation value	N/A	Number		12,2	
Restricted_Acct_Balance_calc	Restricted Account Balance Calculation	N/A	Char		250	
F_Restricted_Acct_Balance_calc	Restricted Account Balance value	N/A	Number		12,2	

Input Parameters:

Parameter Name	Datatype	Default Value	Required (Y/N)	Value Set	Comments
GA Code	VARCHAR2		Y	EDSFA_GA_CODE	User will enter the desired GA Code for summary reconciliation.
Fiscal Year	VARCHAR2		Y	SFA_FFEL_YEAR_CODE_VALUE_SET	User will enter the desired fiscal year for summary reconciliation.

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Database Objects:

Database Object Name	Object Type	Oracle Application	Comments
SFA_FMS_SUMMARY_REC.rdf	Oracle Report	Form 2000 – FFEL GA	FSA FMS Summary Reconciliation Report

Main Title:

U.S. Department of Education
FSA FMS Summary Reconciliation Report

Subtitle:

GA Code:
GA Name:
Fiscal Year: [YYYY]

Breaking:

None

Totals/Subtotals:

None

Sorting:

None

Dependencies

Dependencies on Other RICE Components:

None

Dependencies on Other Business Components:

Accurate report data is dependent upon on all programs that populate or modify data in the FFELGA_ANNUAL_REPORTS table.

Design Constraints:

None

Performance Considerations:

None

Implementation Considerations:

None

Other Dependencies/Special Concerns:

None

Error Handling

Potential Errors	Possible Reasons	Solution Strategy
Report cannot be run.	System failure; Database problems	Contact FMS Operations. Once the database is restored, the run report.
Report cannot be accessed in list of reports.	Report register error	Verify registration and responsibility authorized to run report.
Report does not display data	GA Code has not submitted Annual Report for specified fiscal year; Annual Report has not been Accepted	Verify status of Annual Report.

Testing Requirements

Requirements Matrix Reference	Test Condition	Expected Results
1.1, 1.2	Generate report using GA Code and Fiscal Year as parameters under the 'FSA FP GA Manager' responsibility in Oracle Applications.	Report generated for selected GA Code and Fiscal Year. All fields are populated with correct information as shown in layout. The report includes both Federal Fund and Restricted Account Balances sections.
1.3	Generate report using GA Code and Fiscal Year as parameters under the 'FSA GL User' responsibility in Oracle Applications.	Report generated for selected GA Code and Fiscal Year. All fields are populated with correct information as shown in layout.
1.4	Generate report and verify that GA Code, GA Name and Fiscal Year appear in the header.	Report generated for selected GA Code and Fiscal Year GA Code, GA Name and Fiscal Year appear in the header as shown in layout.
1.5	Generate report for a GA Code and Fiscal year combination that does not have a status of accepted.	Report does not return data. "No Data Found" should be displayed in body.
1.6	Generate report for a GA Code and Fiscal year combination that has multiple annual report amendments.	Report returns only most recent accepted version.
1.6	Generate report for a GA Code and Fiscal year combination that has no annual report amendment.	Report returns only most recent accepted version.
1.7, 1.8, 1.9, 1.10	Generate report and verify Federal Fund and Restricted Account Balance calculations.	Calculation fields are computed corrected and displayed on report.

Issues and Additional Considerations

The following Issues were defined during Functional Design:

Issue	Raised By / Date Needed	Resolution/Answer	Resolved By / Date Completed
None			