



Banner Financial Aid Release Guide

Release 8.24
September 2015



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Introduction

This guide documents the Banner® Financial Aid 8.24 release, which includes enhancements, regulatory updates, and Change Requests - Defects.

Release hints, suggestions, and corrections

Any release hints, suggestions, or corrections to this release guide that arise, subsequent to the posting of this release, will be documented in the, *Are there any helpful hints, suggestions and/or corrections to the Banner Financial Aid release 8.24?*, Article #000033991, and made available through the Ellucian Support Center (<http://www.ellucian.com/Solutions/Ellucian-Client-Support/>). It is recommended that you refer to this document periodically under Article #000033991 as you use the new release functionality.

Enhancements

The following enhancements are included in this release:

2014-2015 FISAP

The functional and technical sections describe updates for the 2014-2015 Fiscal Operations Report and Application to Participate (FISAP) process.



Note: This release also includes a resolution for Change Request - Defect CR-000132243.

2015-2016 Common Origination and Disbursement (COD)

The technical section describes changes made for 2015-2016 COD processing based upon updates to the 15-16 COD Technical Reference.

2015-2016 Direct Loan Reconciliation

The functional and technical sections describe redesigned 2015-2016 Direct Loan Reconciliation processing for School Account Statement (SAS) reporting.

This year, the report has been rewritten to take advantage of all the new DL fields, from the remapping at the beginning of the year.



Note: This year's update does not support use of the Department of Education's Direct Loan (DL) Tools for Windows application.

2015-2016 EDE Dataload, Correction Processing, and ISIR

The functional and technical sections discuss changes made for the 2015-2016 EDE Dataload. The Electronic Data Exchange (EDE) is used to receive financial aid information from the U.S. Department of Education's Central Processing System (CPS).

Updating Academic Year Dates by Loan Type

The functional and technical sections describe updates necessary to address Academic Year start and end date processing.

Miscellaneous Enhancements

Functional and Technical sections describes Change Request Defect resolutions and miscellaneous enhancements included in the 8.24 release:

Loan Processing - REAUCOD previous block functionality (Functional)

Change Request - Enhancement CR-000131556

Credit Status Document (CS Document type) processing (Functional)

Change Request - Enhancement CR-000131566

Financial Aid job submission processing (Technical)

Change Request - Defect CR-000131094

FISAP Income (Technical)

Change Request - Defect CR-000132243

Support for Job Sub Proxy Wallet (Technical)

This enhancement provides support for running batch jobs without the need to pass users password values to the Job Submission server.



Note: This release will also include support for Job Sub Proxy Wallet, to be delivered in the Banner General 8.8 release.



Warning! This release must be installed prior to General 8.8 and enabling the Proxy Wallet. If Banner Financial Aid 8.23.1 release or this 8.24 release is not installed, COBOL processes will no longer execute.

Cumulative documentation and patches

This document provides detailed information about the Banner Financial Aid 8.24 release. Banner Financial Aid 8.24 is a cumulative release that includes descriptions for:

- Patches delivered after Banner Financial Aid 8.23
- Functionality associated with the Banner Financial Aid 8.23.1 interim release

Patches

The following postings/patches are included in Release 8.24. Additional information on these patches can be found at the Ellucian Support Center (<http://www.ellucian.com/Solutions/Ellucian-Client-Support/>). Please see the following summarized list:

Release/Patch Number	Dates	Comments	Additional information
pcr-000129554_ res8230001	May 2015	Change Request - Defect Posting	This patch addresses Change Request Defects associated with loan processing and disbursements. Refer to the patch for additional details.
pcr-000129704_ res8230002	June 2015	Change Request - Defect Posting	This patch addresses Change Request Defects associated with loan processing and disbursements. Refer to the patch for additional details.

Release/Patch Number	Dates	Comments	Additional information
pcr-000130076_ res8230003	Original Posting: July 9, 2015 Reposted: July 13, 2015	Change Request - Defect Posting	This patch addresses Change Request Defects associated with loan processing and disbursements. Refer to the patch for additional details. Note: The patch was reposted for clients who had applied and completed the initial posting's (7/9/2015) installation.
pcr-000131638_ res8230004	August 2015	Change Request - Defect Posting	This patch addresses Change Request Defects associated with loan processing and disbursements. Refer to the patch for additional details.
pcr-000131976_ res8230005	August 2015	Change Request - Regulatory Posting	The FISAP processes have been delivered as a regulatory patch so clients can process 2014-2015 FISAP data. Refer to the patch for additional details.
pcr-000131983_ res8230006	August 2015	Change Request - Regulatory Posting	The DL Reconciliation processes have been delivered as a regulatory patch so clients can process 2015-2016 Direct Loan reconciliation. Refer to the patch for additional details.

2014-2015 FISAP - Functional

Overview

Each year, Title IV-eligible schools must report the fiscal year's final campus-based aid disbursed by fund type, as well as the number of students receiving such aid. This reporting is done through Fiscal Operations Report and Application to Participate (FISAP) processing, which includes data from Banner Financial Aid, Banner Student, and Banner Accounts Receivable. Banner provides your institution with the two grids needed to report this campus-based data. You can then use these reports to transfer the data to the Department of Education's FISAP Web site.

The modifications necessary to support 2014-2015 FISAP processing were originally delivered in the Banner Financial Aid 8.23.0.5 posting and re-delivered with this 8.24 release.

For 2014-2015, the Department of Education did not add any new fields to the FISAP. However, dates were incremented and text in the instructions modified.

For reference purposes, changes that do not impact RORFS15 are:

FISAP

- Part V, Section B Item 4
 - Added FWS funds transferred to and spent in: (c) Work Colleges Program.
- Part V, Section B Item 11
 - Revised calculation for Item 11 Total Federal Funds available for Federal Work-Study (FWS).
- Part V, Section E Item 18
 - Revised calculation for Item 18 Expended FWS Authorization.

FISAP Instructions

- Introduction
 - Updated deadline dates for the 2015-2016 Award Year.
 - Clarified information concerning reporting for more than one institution.
- Part 1, Section A:
 - Clarified instructions for Additional Institutions.

- Part I, Section B:
 - Added clarification for FISAP signature options.
- Part II, Section C:
 - Title III/V eligibility and institutional share waiver information was moved to Appendix A.
- Part II, Section D:
 - Added note for reporting graduate level data.
- Part II, Section F:
 - Independent student definitions have been revised to match the FAFSA.
 - Eligible aid applicant definition clarified:
 - Original:

" . . . was enrolled in an academic or training program that was eligible for the campus-based programs during the award year."
 - Updated:

" . . . enrolled in at least one credit of a Title IV-eligible degree-seeking academic or training program, or an approved program listed on the schools' ECAR."
 - Information concerning the use of EDEXpress Packaging Module reports to assist in completing the Part II and Part IV income grids was moved to Appendix B.
- Part V, Section C:
 - Added clarification to the introduction for correctly reporting FWS institutional share.
- Appendix A:
 - Eligibility information to receive a waiver for FWS/SEOG Institutional Share requirement was expanded and added as Appendix A.
- Appendix B:
 - EDEXpress Packaging Module information to print FISAP reports was removed from the body of the FISAP instructions and added as Appendix B.

Auto Zero EFC

For 2014-2015, the Auto Zero EFC remains unchanged at \$24,000. The Final FISAP documentation was published on April 23, 2015 and can be found at:

<http://www.ifap.ed.gov/eannouncements/042315FinalFISAPFormDeskRefandTechRef4FISAPDueOct12015.html>

Changed form

FISAP Person Maintenance (ROAFSAP)

The ROAFSAP form has been modified for the 8.24 release. The form's **Income** field (ROTFISAP_FISAP_INCOME) has been expanded (from 7 to 10 characters) to support values of up to 99,999,999. The **Income** field's error message has also been updated.

The form's functionality remains unchanged.



Note: This change has been included to resolve Change Request - Defect CR-000132243.

New process

FISAP Report for 2014-2015 (RORFS15)

The 2014-2015 FISAP Report is needed to properly generate the FISAP due on October 1, 2015. The 2014-2015 FISAP process has been updated to include new (2014-2015) aid year references.

Additionally, the RORFS15 process has been updated to cap FISAP Income at 99,999,999.

FISAP Definitions

Calculation of Automatic Zero EFC

Automatic Zero EFC students are determined by the following criteria based upon 2014-2015 information:

Dependent students

Dependent Students automatically qualify for an automatic zero EFC if both item 1 and item 2 are true:

1. A person who is considered part of the parent's household size (as defined on the FAFSA) who received benefits during 2012 or 2013 from any of the designated

means-tested Federal benefit programs: the SSI Program, the Food Stamp Program, the Free and Reduced Price School Lunch Program, the TANF Program, and WIC;

OR

the student's parents filed or are eligible to file a 2013 IRS Form 1040A or 1040EZ (they are not required to file a 2013 Form 1040)*, or the parents are not required to file any income tax return;

OR

the student's parent is a dislocated worker.

AND

2. The 2013 income of the student's parents is \$24,000 or less.
 - For tax filers, use the parents' adjusted gross income from 2013 Form 1040A or 1040EZ* to determine if income is \$24,000 or less.
 - For non-tax filers, use the income shown on the 2013 W-2 forms of both parents (plus any other earnings from work not included on the W-2s) to determine if income is \$24,000 or less.

Independent students

Independent students with dependents other than a spouse automatically qualify for an Automatic Zero EFC if both of the following are true:

1. Anyone included in the student's household size (as defined on the FAFSA) received benefits during 2012 or 2013 from any of the designated means-tested Federal benefit programs: the SSI Program, the Food Stamp Program, the Free and Reduced Price School Lunch Program, the TANF Program, and WIC;

OR

the student and the student's spouse (if the student is married) each meet one of the following conditions: filed or is eligible to file a 2013 IRS Form 1040A or 1040EZ or is not required to file any income tax return;

OR

the student (or the student's spouse, if any) is a dislocated worker.

AND

2. The student's (and spouse's) 2013 income is \$24,000 or less.
 - For tax filers, use the student's (and spouse's) adjusted gross income from 2013 Form 1040A or 1040EZ* to determine if income is \$24,000 or less.
 - For non-tax filers, use the income shown on the student's (and spouse's) 2013 W-2 forms (plus any other earnings from work not included on the W-2s) to determine if income is \$24,000 or less.



Note: An independent student without dependents other than a spouse is not eligible for an automatic zero EFC.

Schools have different uses for manual records. Some schools may use them in lieu of EDE records and want to include them in their FISAP reporting. Banner will calculate the FISAP Total Income for manual records without a need analysis calculation, but there are certain mandatory field requirements the institution must input for the student to be a part of the FISAP calculation. This is outlined in the income information described in the *Calculation of FISAP Total Income* section, below. Some schools will want partial MANUAL records in the FISAP reporting and some will not want any. Regardless of the scenario, the information outlined in the *Calculation of FISAP Total Income* section should be used to ensure valid results.

* One of the following 2013 income tax forms may be filed as an alternative to filing a Form 1040A or 1040EZ:

- The income tax return required by the tax code of the Commonwealth of Puerto Rico, Guam, American Samoa, the U.S. Virgin Islands, the Republic of the Marshall Islands, the Federated States of Micronesia, or Palau.

Applicants who are not required to complete an IRS Form 1040, but do so solely to claim an educational tax credit are considered eligible if they meet all the other requirements for the simplified EFC formulas.

Calculation of FISAP Total Income

FISAP Total Income (TI) is calculated as follows:



Note: Each of the calculations in this section use the following common variables:

UI (Untaxed Income) = Tax-Deferred Pensions + IRA and Keogh Deductions + Child Support Received + Tax-Exempt Interest + Untaxed IRA Distributions + Untaxed Pensions + Military and Clergy Allowance + VA Non-Education Benefits + Other Untaxed Income

AFI (Additional Financial Information) = Education Tax Credits + Child Support Paid + Need Based Employment + Grant and Scholarship Aid + Combat Pay + Co-op Earnings

Dependent student

1. Total Income (TI)

Tax Filer

If parents' tax filing status is tax filer, the following information is used to determine Total Income:

$$\text{Parents' Adjusted Gross Income} + (\text{UI}) - (\text{AFI}) = \text{TI}$$

Non-Tax Filer

If parents' tax filing status is non-tax filer, the following information is used to determine Total Income:

$$\text{Father's Income} + \text{Mother's Income} + (\text{UI}) - (\text{AFI}) = \text{TI}$$

2. Student's Total Income (STI)



Note: Each of the calculations in this section use the following common variables:

UI (Untaxed Income) = Tax-Deferred Pensions + IRA and Keogh Deductions + Child Support Received + Tax-Exempt Interest + Untaxed IRA Distributions + Untaxed Pensions + Military and Clergy Allowance + VA Non-Education Benefits + Other Untaxed Income + Other Non-Reported Money

AFI (Additional Financial Information) = Education Tax Credits + Child Support Paid + Need Based Employment + Grant and Scholarship Aid + Combat Pay + Co-op Earnings

Student Tax Filer

If the student's tax filing status is tax filer, the following information is used to determine Student Total Income:

$$\text{Student's Adjusted Gross Income} + (\text{UI}) - (\text{AFI}) = \text{STI}$$

Student Non-Tax Filer

If the student's tax filing status is non-tax filer, the following information is used to determine Student Total Income:

$$\text{Student's Income} + (\text{UI}) - (\text{AFI}) = \text{STI}$$

3. Dependent Student FISAP Total Income (FTI)

$$\text{TI} + \text{STI} = \text{FTI}$$

Independent student

1. Total Income (TI)



Note: Each of the calculations in this section use the following common variables:

UI (Untaxed Income) = Tax-Deferred Pensions + IRA and Keogh Deductions + Child Support Received + Tax-Exempt Interest + Untaxed IRA Distributions + Untaxed Pensions + Military and Clergy Allowance + VA Non-Education Benefits + Other Untaxed Income + Other Non-Reported Money

AFI (Additional Financial Information) = Education Tax Credits + Child Support Paid + Need Based Employment + Grant and Scholarship Aid + Combat Pay + Co-op Earnings

Student Tax Filer

If student's tax filing status is tax filer, the following information is used to determine Total Income:

$$\text{Student's Adjusted Gross Income} + (\text{UI}) - (\text{AFI}) = \text{TI}$$

Student Non-Tax Filer

If student's tax filing status is non-tax filer, the following information is used to determine Total Income:

$$\text{Student's Income} + \text{Spouse's Income} + (\text{UI}) - (\text{AFI}) = \text{TI}$$

2. Independent Student FISAP Total Income (FTI)

$$\text{TI} = \text{FTI}$$

Creating manual records without FAFSA

The FISAP depends on the student's dependency status, tax filing status and income being reported in Banner Financial Aid. If you have created student records by just entering the student's EFC on the 2014-2015 Need Analysis Result Form (RNARS15) so that the student is packaged, then Banner doesn't have sufficient data in order to accurately place or count the student in the two income grids. At a minimum, you must enter the following on the 2014-2015 Need Analysis Form (RNANA15):

Dependent Students	Independent Students
Parent Tax Return Filed	Student Tax Return Filed
Parent Tax Return Type Form Filed	Student Tax Return Type Form Filed

Dependent Students	Independent Students
Parent Eligible to File 1040A/EZ	Student Eligible to File 1040A/EZ
First Bachelor's Degree by 01-JULY-2014	Student Have Children You Support
Parent AGI or wages	Student Have Legal Dependents
Parent SSI	First Bachelor's Degree by 01-JULY-2013
Parent Food Stamps	Student and spouse AGI or wages
Parent Free or Reduced Lunch	Student SSI
Parent TANF	Student Food Stamps
Parent Dislocated Worker	Student Free or Reduced Lunch
Parent WIC	Student TANF
Parent Additional Financial Information	Student Dislocated Worker
• Education Tax Credits	Student WIC
• Child Support Paid	Student Additional Financial Information
• Need Based Employment	• Education Tax Credits
• Grant and Scholarship Aid	• Child Support Paid
• Combat Pay	• Need Based Employment
• Co-op Earnings	• Grant and Scholarship Aid
Parent Untaxed Income	• Combat Pay
• Tax-Deferred Pensions	• Co-op Earnings
• IRA and Keogh Deductions	Student Untaxed Income
• Child Support Received	• Tax-Deferred Pensions
• Tax-Exempt Interest	• IRA and Keogh Deductions
• Untaxed IRA Distributions	• Child Support Received
• Untaxed Pensions	• Tax-Exempt Interest
• Military and Clergy Allowance	• Untaxed IRA Distributions
• VA Non-Education Benefits	• Untaxed Pensions
• Other Untaxed Income	• Military and Clergy Allowance
	• VA Non-Education Benefits
	• Other Untaxed Income
	• Other Non-Reported Money

Also, for these records dependency may be directly entered on the Applicant Override Form (RNAOV15), FM-Student Dependency.

2015-2016 Direct Loan Reconciliation

- Functional

Direct Loan institutions are required to use the School Account Statement (SAS) report for reconciliation of funds for the Direct Loan Program. The SAS is generated by COD on a monthly basis and automatically sent to the school's SAIG mailbox.



Note: Your school must have the correct SAS Report settings to produce these reports. Additionally, reports cannot be generated for past months.

In prior years, you ran the Direct Loan Comparison process (RPRCPxx) to create the extract files to allow import to Direct Loan (DL) Tools for Windows.

Beginning with the 2015-2016 aid year, the Direct Loan (DL) Tools for Windows application (Department of Education) is no longer supported by Banner nor can it be used for comparing cash, loan, and disbursement records from Banner. Instead, a new process, Direct Loan Reconciliation Reports (RLRDLRC), has been created to provide the necessary reports that will allow you to reconcile Direct Loans.

Since the 2015-2016 Direct Loan Reconciliation's initial release (8.23.0.6 and 8.23.1), the following functionality has been added for the 8.24 Summer release:

- New table to store Direct Loan Unmatched Cash Detail records. Currently if a Cash Detail record is loaded and does not match the information on RPACASH, you are notified in the output of RLRDU16 but the unmatched record is not stored.
- The Direct Loan Cash Drawdown (RPACASH) form will include a new block for you to view the Unmatched Cash Detail Records.
- The new Direct Loan Reconciliation Reports (RLRDLRC) process will include a report listing Net Unbooked Disbursement Details. This report will list details for each unbooked disbursement record.

To make use of the functionality included in the Direct Loan Reconciliation Reports (RLRDLRC) process, the following COD setup is recommended:

The screenshot shows the 'SAS Options' configuration page in the FSA Federal Student Aid system. The page is titled 'U.S. DEPARTMENT OF EDUCATION COMMON ORIGINATION & DISBURSEMENT'. The navigation menu includes 'Person', 'School', 'Batch', 'Award', 'Services', 'User', and 'Support'. The 'School Search' section is active, showing a list of school information options. The 'SAS Options' section is the main focus, with the following settings: Program: DIRECT LOAN, Award Year: '15-'16, Report Format: Fixed Length, Include Names of Borrowers: Yes, Report Activity Type: Both, Summary by Loan Type: Yes, Disbursement Detail: Monthly (Yes), Year-to-Date (Yes). An 'UPDATE' button is located at the bottom right of the form.

Changed form

The following form was modified for 2015-2016 Direct Loan processing.

Direct Loan Origination (RLADLOR)

Changes made specifically for the 8.23.0.6 regulatory patch are listed below.

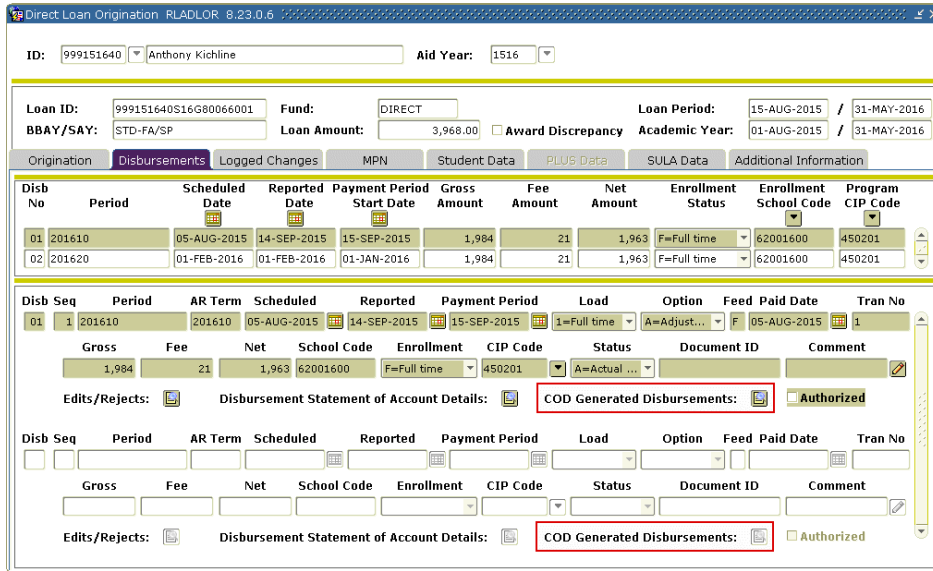
Disbursements tab

Disbursement Details block

The Disbursement Details block has been updated to include the new **COD Generated Disbursements** button.

This button allows you to load Disbursement Sequences greater than 65 (those disbursements made via the COD website, not in Banner).

The following image shows the block's new **COD Generated Disbursements** button:

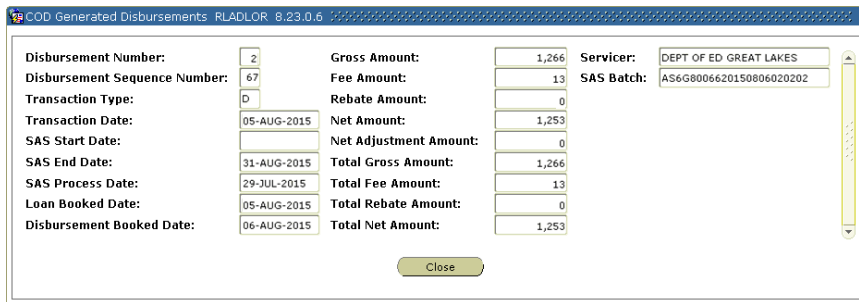


When the **COD Generated Disbursements** button is clicked, related records will be displayed in a pop-up window, in descending SAS Batch Number order (most recent record first).



Note: As it is possible for you to create a disbursement on the COD website that does not exist in Banner both the disbursement number and sequence numbers have been removed as constraints in the RLRDLDD table. As a result, the new button lists all disbursement sequences > 65, regardless of what disbursement number when you click the COD Generated disbursement button. Records will be displayed in descending, SAS Batch Number order.

The following image shows the resulting COD Generated Disbursements window:



The COD Generated Disbursements window includes the following fields:

Fields	Descriptions
Disbursement Number	Disbursement Number. (RLRDDAS_DISB_NO).

Fields	Descriptions
Disbursement Sequence Number	Disbursement Sequence Number. (RLRDDAS_DISB_SEQ_NO).
Transaction Type	Transaction Type. (RLRDDAS_TRANS_TYPE).
Transaction Date	Transaction Date. (RLRDDAS_TRANSACTION_DATE).
SAS Start Date	SAS Start Date. (RLRDDAS_SAS_START_DATE).
SAS End Date	SAS End Date. (RLRDDAS_SAS_END_DATE).
SAS Process Date	SAS Process Date. (RLRDDAS_SAS_PROCESS_DATE).
Loan Booked Date	Loan Booked Date. (RLRDDAS_LOAN_BOOKED_DATE).
Disbursement Booked Date	Disbursement Booked Date. (RLRDDAS_DISB_BOOKED_DATE).
Gross Amount	Gross Amount. (RLRDDAS_GROSS_AMT).
Fee Amount	Fee Amount. (RLRDDAS_FEE_AMT).
Rebate Amount	Rebate Amount. (RLRDDAS_REBATE_AMT).
Net Amount	Net Amount. (RLRDDAS_NET_AMT).
Net Adjustment Amount	Net Adjustment Amount. (RLRDDAS_NET_ADJ_AMT).
Total Gross Amount	Total Gross Amount. (RLRDDAS_TOTAL_GROSS_AMT).
Total Fee Amount	Total Fee Amount. (RLRDDAS_TOTAL_FEE_AMT).
Total Rebate Amount	Total Rebate Amount. (RLRDDAS_TOTAL_REBATE_AMT).
Total Net Amount	Total Net Amount. (RLRDDAS_TOTAL_NET_AMT).
Servicer	Servicer. (RLRDDAS_SERVICER).
SAS Batch Number	SAS Batch Number. (RLRDDAS_SAS_BATCH_NO).

Direct Loan Cash Drawdown (RPACASH)

The RPACASH form has been modified for the 8.24 release. The form's main window has been updated to add the new Unmatched Cash Detail Records block.

Unmatched Cash Detail Records block

This addition allows you to load unmatched cash detail records. The following image shows the new Unmatched Cash Detail Records block:

The screenshot shows a software window titled "Direct Loan Cash Drawdown RPACASH 8.24". It contains a table with columns: Cash Drawdown or Return Date, Cash Drawdown or Return Amount, Aid Year, Action, Payment Control Number, Check Number, and Batch ID. Below this table is a new section titled "Unmatched Cash Detail Records" which has the same column structure. The new section contains two rows of data, with the first row highlighted in green.

Cash Drawdown or Return Date	Cash Drawdown or Return Amount	Aid Year	Action	Payment Control Number	Check Number	Batch ID
05-AUG-2015	5,000	1516	R	RECEIPT	1300000000001	
31-JUL-2015	3,926	1516	R	RECEIPT	2015073100001	AS6G8006620150805010101
31-JUL-2015	3,926	1516	R	RECEIPT	2015073100002	AS6G8001620150805010101
02-JUL-2013	1,500	1314	X	RETURN		
01-JUL-2013	10,000	1314	R	RECEIPT		
01-JUL-2013	1,000	1314	X	RETURN		
30-JUN-2013	5,000	1314	R	RECEIPT		
30-DEC-2012	100	1213	X	RETURN		
30-DEC-2012	9,999	1213	R	RECEIPT	1234567890123	888
30-JUN-2012	2,500	1213	X	RETURN		
03-JUN-2012	1,000	1213	X	RETURN		
01-JUN-2012	20,000	1213	R	RECEIPT		
01-JUN-2012	12,000	1213	R	RECEIPT		

Cash Drawdown or Return Date	Cash Drawdown or Return Amount	Aid Year	Action	Payment Control Number	Check Number	Batch ID
17-SEP-2014	6,000,000	1516	R	RECEIPT	2014091529919	AS5G9912320150608063438
17-SEP-2014	6,000,000	1516	R	RECEIPT	2014091529919	AS5G9912320150608063438

The following fields have been added for the 8.24 release:

Fields	Descriptions
Cash Drawdown or Return Date	Date cash drawdown or return of excess cash occurred (DD-MON-YYYY). (RLRUCDT_DRAW_DATE).
Cash Drawdown or Return Amount	Amount of Cash Drawdown or Return (-9,999,999,999). (RLRUCDT_DRAW_AMT).
Aid Year	The Aid Year to which this cash transaction applies. (RLRUCDT_AIDY_CODE).
Action	Action. Valid values are: Check to indicate MPN has been reviewed: R = Receipt X = Return of Excess (RLRUCDT_ACTION).
Payment Control Number	Code number received from G5 for cash receipts only. (RLRUCDT_CONF_CODE).
Check Number	Check Number. (RLRUCDT_CHECK_NO).

Fields	Descriptions
Batch ID	The Batch ID of the reconciliation or School Account Statement on which this appeared. (RLRUCDT_BATCH_NO).
Batch Date	The batch date of the reconciliation or School Account Statement on which this appeared. (RLRUCDT_BATCH_DATE).
Process Date	The date the School Account Statement, on which this appeared, was processed. (RLRUCDT_PROCESS_DATE).
School Code	The Direct Loan school code of the school to which this cash transaction applies. (RLRUCDT_SCHOOL_CODE).
SAS Sequence	The SAS record count sequence to which this transaction was matched. (RLRUCDT_SAS_RECORD_COUNT_SEQ).
User ID	User ID. (RLRUCDT_USER_ID).
Activity Date	Activity Date. (RLRUCDT_ACTIVITY_DATE).

Changed process

The following processes were modified for the 8.24 release.

Direct Loan Reconciliation Reports (RLRDLRC)

The RLRDLRC process provides the ability to reconcile Direct Loans within Banner Financial Aid.

Prior to this release, the RLRDLRC process, in part, included a summary of total net unbooked disbursements only. For release 8.24, RLRDLRC has been updated to provide detailed information about each unbooked disbursement record.

The process provides the ability to reconcile DL within Banner. The process generates a series of reports that can be used to reconcile DL. Unlike the previous RPRCPxx process, the RLRDLRC is not aid year specific.



Note: Beginning with the 2015-2016 aid year, the Direct Loan (DL) Tools for Windows application (Department of Education) is no longer supported by Banner nor can it be used for comparing cash, loan, and disbursement records from Banner.

As a result, the following Direct Loan (DL) Tools for Windows created text files will no longer be generated nor will they be available:

- DLEXCASH _jobnumber .TXT (cash detail records)
- DLEXLOAN _jobnumber .TXT (loan detail records)
- DLEXDISB _jobnumber .TXT (disbursement detail records)

The RLRDLRC process uses the Origination and Disbursement data within Banner and compares it against the Cash Summary, Cash Detail, Loan Level, and Disbursement level data loaded via dsif and dsdf files

The RLRDLRC was created based upon the 2015-2016 Direct Loan Reconciliation processing needs.

A series of RLRDLRC report types are included to reconcile Direct Loans:

The Cash Summary Report summarizes year-to-date cash drawdown and disbursement transactions as of a particular end date. The COD Cash Summary is compared to the Banner Cash Summary for differences. RPACASH, Loan Level, and Disbursement Level reports can be used to identify difference details.

- Cash Summary Report

The Cash Summary report lists the COD and Banner amounts and gives the difference between the two.

The COD amounts are derived from the RPRDSAS table and are based on the Year to Date record (Y1) that equals the Matching End Date for which RLRDLRC is being run.

- Cash Receipts - RPRDSAS_TOTAL_CASH_RECEIPT.
- Refunds of Cash - RPRDSAS_TOTAL_RETURN_EXCESS.
- Net Drawdowns/Payments - RPRDSAS_NET_CASH_RECEIPTS.
- Total Booked Disbursements - RPRDSAS_TOTAL_BOOKED_DISB.
- Total Booked Adjustments - RPRDSAS_TOTAL_BOOKED_ADJUST.
- Net Booked Disbursements - RPRDSAS_NET_BOOKED_DETAIL.
- Ending Cash Balance - RPRDSAS_END_CASH_BALANCE.
- Total Net Unbooked Disbursements - RPRDSAS_NET_UNBOOKED_DETAIL.
- Cash > Accepted and Posted Disbursements - RPRDSAS_ADJUSTED_END_BALANCE.

The Banner amounts are based on:

- Cash Receipts - RPRCASH_DRAW_AMT (sum of all amounts <= Matching End Date) where Action = R (Receipt).
- Refunds of Cash - RPRCASH_DRAW_AMT (sum of all amounts <= Matching End Date) where Action = X (Return).
- Net Drawdowns/Payments - Cash Receipts minus Refunds of Cash.
- Total Booked Disbursements - Sum of booked disbursements where disbursement sequence number is 1 and disbursement status is A (Actual Accepted). SAS End Date = Matching End Date and the Banner Fed Date <= Matching End Date.
- Total Booked Adjustments - Sum of booked disbursements where disbursement sequence number is >1 and disbursement status is A (Actual Accepted). SAS End Date = Matching End Date and the Banner Fed Date <= Matching End Date.
- Net Booked Disbursements - Total Booked Disbursements plus Total Booked Adjustments.
- Ending Cash Balance - Net Drawdowns/Payments minus Total Net Booked Disbursements.
- Total Net Unbooked Disbursements - Sum of unbooked disbursements where disbursement status is A (Actual Accepted). SAS End Date = Matching End Date and the Banner Fed Date <= Matching End Date.
- Cash > Accepted and Posted Disbursements - Ending Cash Balance minus Total Net Unbooked Disbursements.

If Parameter 06 is populated, the Cash Summary will only provide details on the RPIDLAS (COD records) and Banner records that correspond to that school code.

The Population Selection parameters will not have an impact on the Cash Summary Report.



Note: This release also includes functionality that allows a Cash record being loaded through RLRDU16 that does not match with an RPACASH entry to be loaded to a temporary table so it is stored in Banner and can be used to reconcile Cash Drawdowns.



Note: If a Year to Date (Y1) record does not exist on RPIDLAS for a particular school code for the Matching End Date that RLRDLRC is being run, the prior Year to Date record will be used (e.g. G80005 does not have a Y1 record for 30-SEP-2015 (and RLRDLRC is being run for 30-SEP-2015), the latest Y1 record (in this case was 31-AUG-2015) for the school code will be used since this is the most recent data that would be in Banner).

- Loan Level Reports
 - Banner Paid Loan Amounts = COD Loan Amounts
 - Banner Paid Loan Amounts <> COD Loan Amounts
 - Banner Paid Loan Amount, No COD Record
- Disbursement Level Reports
 - Banner Disbursement Amounts and Feed Dates = COD Disbursement Amounts and Transaction Dates
 - Banner Disbursement Amounts <> COD Disbursement Amounts and/or Banner Paid Dates <> COD Transaction Date
 - Banner Disbursement Record, No COD Disbursement Record
 - COD Disbursement Record, Banner Disbursement not Fed (Paid)
- Unbooked Disbursement Details Report
 - The report will give detailed information for the Total Net Unbooked Disbursements amount included in the Cash Summary detail report



Note: As opposed to the Total Net Unbooked Disbursements amount in the Cash Summary Report, when a population selection is entered, the data is based only on the IDs in the population selection.

When a population selection is entered, the Unbooked Disbursement report's heading shows:

Unbooked Disbursements - Data based on Population Selection

When the population selection is not entered, the report's heading shows:

Unbooked Disbursements

The following RLRDLRC parameters have been included for the 8.24 release:

Parameter	Descriptions	Values
01 Aid Year Code	Enter a Valid/Active Aid year code. Required Single Length = 4 Type = Character	ROIADY Validation: ROBINST_EQUAL_AIDY_ ACTIVE

Parameter	Descriptions	Values
02 Report Type	<p>Specific Report Type to process.</p> <p>Note - If the Report Type parameter is left blank, all report types will be printed.</p> <p>Optional Single Length = 2 Type = Character</p>	<p>Valid Values:</p> <p><i>A</i> = All reports <i>CS</i> = Cash Summary only <i>DA</i> = All disbursement level reports <i>DB</i> = Disb. level - Banner no COD <i>DC</i> = Disb. level - COD no Banner <i>DE</i> = Disbursement level equal <i>DN</i> = Disbursement level not equal <i>LA</i> = All loan level reports <i>LB</i> = Loan level - Banner no COD <i>LE</i> = Loan level equal <i>LN</i> = Loan level not equal <i>UB</i> = Net Unbooked Disb Detail <i>Blank</i> = None (default)</p>
03 Loan Type	<p>Loan Type to process.</p> <p>Optional Multiple Length = 1 Type = Character</p>	<p>Valid Values:</p> <p><i>G</i> = Grad PLUS <i>P</i> = Parent PLUS <i>S</i> = Subsidized Stafford <i>U</i> = Unsubsidized Stafford <i>Blank</i> = None (default)</p>
04 Matching End Date	<p>Enter end date of SAS report.</p> <p>Required Single Length = 12 Type = Date</p>	<p>Validation: <code>CHK_CENTURY</code></p>

Parameter	Descriptions	Values
05 Exclude Disb Status of D	Exclude Disbursement records with a status of D - Do not Send. When Yes (default), the process excludes disbursement records (as applicable, based on specific report type) with a disbursement status of D. When No, the process includes disbursement records (as applicable, based on specific report type) with a disbursement status of D.	Valid Values: N = Include Disb Status - D Y = Exclude Disb Status - D (default)
06 Direct Loan School Code	Enter Direct Loan School Code. Optional Single Length = 6 Type = Character	
07 Sort Option	Sort Option for reports. Required Single Length = 1 Type = Character	Valid Values: I = Sort by ID L = Sort by Loan Type N = Sort by Name (default)
08 Application ID	General area for which the selection was defined. Optional Single Length = 301 Type = Character	GLIAPPL Validation: GLBAPPL_EQUAL Valid Values: <i>Blank</i> = No (Default)
09 Selection ID	Code that identifies the sub-population to work with. Optional Single Length = 301 Type = Character	
10 Creator ID	The ID of the person creating the sub-population rules. Optional Single Length = 30 Type = Character	

Parameter	Descriptions	Values
11 User ID	The ID of the person using the sub-population rules. Optional Single Length = 30 Type = Character	

Direct Loan Flat-File Import (RLRDU16)

The RLRDU16 process has been updated to load Unmatched Cash Detail Records to the Direct Loan Unmatched Cash Detail (RLRUCDT) table. Additionally, this Unmatched Cash Detail Record data is displayed on the on the Direct Loan Cash Drawdown (RPACASH) form to assist in DL reconciliation.

Prior to this release, any unmatched cash records encountered by the process were not loaded into banner but generated the following warning message:

%Warning% - COD Cash transactions not matched on system

With this release, unmatched cash records will be loaded into Banner while also producing the expected warning message.

Updating Academic Year Dates by Loan Type - Functional

Overview

As part of the 150% Subsidized Usage Limit regulation, the Department of Education issued guidance in GEN 13-13 (May 2013) for properly reporting the Academic Year start and end dates for all Direct Loans submitted to COD.

For example, when a change is made to the Academic Year start and/or end date (to either add or remove a Summer period for a Direct Loan), all Originations that exist for the year (SAY processing) for the same loan type must be updated; only Originations for the loan type which has an amount awarded for the Summer period are to be changed.

The Department of Education has further clarified its position in the following Frequently Asked Question:

<http://ifap.ed.gov/150PercentDirectSubsidizedLoanLimitInfo/FAQ.html#AYLP-Q4>

AYLP-Q4:

Will all loan types necessarily have the same loan period and academic year dates?

AYLP-A4:

No. There are circumstances in which different loan types would have different loan periods or academic years. For example, if a school uses a scheduled academic year consisting of fall and spring semesters, with the summer term treated as a trailer to the scheduled academic year, and the student receives all Direct Subsidized Loan eligibility for fall and spring, does not receive all Direct Unsubsidized Loan eligibility for the fall and spring semesters, and then attends the summer term and requests a loan, the Direct Subsidized Loan would have a loan period and academic year consisting of the fall and spring semesters, and the Direct Unsubsidized Loan(s) would have loan period(s) and academic year(s) spanning the fall, spring, and summer terms. [December 20, 2013]

Academic Year start and end date reporting

The changes for updating the Academic Year start and end date based on loan type (rather than by fund code) are included in this release and resolved by Change Request - Defect CR-000128716.

Change Request - Defect CR-000128716

Summary

Using separate fund codes for summer loans will not update SAY start and end dates on existing loans since fund code does not match.

For SAY processing, when schools use separate fund codes for awarding Summer loans, the academic year start and end dates are not updated to include summer on any existing accepted origination with a different fund code for that loan type.

Example:

A student is awarded the DLCM fund for FA/SPR.

Origination is created with Academic Year with dates for FA/SPR and sent to COD.

The student later decides to attend in the summer period and a summer loan is awarded with DLCMSU (summer fund code).

A new origination for Summer only with the Academic Year Dates of FASPSU is created appropriately.

However, since it is not the same fund code as was used on the DLCM origination for FA/SPR, the DLCM origination academic year start and end dates do not get updated as they should extend through summer.

Resolution

Changes have been made for updating the Academic Year start and end dates when a Summer award is added or removed to perform the updates based on the loan type rather than by the fund code. This will allow the ability to assign a separate fund code for Summer processing and have the Origination record for the corresponding loan type updated to reflect the correct Academic Year dates. The RLVALIN view will also now display a difference for the SAY code by loan type which will allow the RLPDLOC process to identify and update the appropriate originations.

Changed process

Direct Loan Origination Creation Process (RLPDLOC)

Only the behavior of the RLPDLOC process is altered for this release. Two program objects associated with this process have been modified to support proper Academic Year start and end date reporting.

Changes have been made to the Direct Loan Origination Business Process API (`rp_dl_origination`) to update the SAY codes and corresponding Academic year

start and end dates by loan type. The rokdrc database package was modified to display a SAY code difference by loan type instead of fund code.

These changes allow loans with different funds codes but the same loan type to be picked up for processing by the RLPDLOC process.



Note: The following Change Request - Defects have been resolved as part of this release:

- CR-000128716
- CR-000130677

Example:

The student is originally awarded a Fall/Spring Subsidized and Unsubsidized loan.

Subsidized fund code = DIRECT

Unsubsidized fund code - DLUNSB

The student's aid period is updated to Fall/Spring/Summer and an additional Unsubsidized award is accepted for Summer only, using a fund code of DUNSBS.

When viewing the Direct Loan Interface tab on RPAAWRD, the DLUNSB will display a SAY Code discrepancy since there is now an Unsubsidized loan amount which includes Summer.

When the RLPDLOC process is run to create the Summer Origination record for the Summer DUNSBS fund code, the SAY code and the Academic Year dates of the DLUNSB Origination will also be updated.

Miscellaneous Enhancements - Functional

This section describes miscellaneous functional Change Request - Enhancements and Defects included in the Banner Financial Aid 8.24 release.

Resolved Change Requests

Loan Processing - REAUCOD previous block functionality

Change Request - Enhancement CR-000131556

Enhancement business purpose

Very inefficient for processors. Previous block functionality should take user to last record accessed.

Reported

Previous block on REAUCOD always takes you to the top record, not the record last accessed. This forces the user to scroll back through the entire list (for example, parent plus applications) to see the next record. RPAUCOD previous block returns to the current record which is much more efficient.

Resolution

REAUCOD logic has been modified to return to the current record while doing Previous/Next Block.

Credit Status Document (CS Document type) processing

Changes have been made to the COD Import Process (RERIM16), when processing CS files to resolve the following Change Request - Enhancement and Change Request - Defect.

Change Request - Enhancement CR-000131566

Enhancement business purpose

Prevent overwriting good data with bad data.

Reported

CRCS16op files will overwrite 'Endorser Approved' and 'Credit Requirement Met' information if the files are loaded out of order. If the first file received is the not met file and the second file received is met but was loaded before the unmet file, the good data will be overwritten. We should not have to open the file to see which one was received first.

Resolution

When CS files are processed, an additional edit has been added to only update PLUS Application records when the Time Stamp in the CS Document ID of the record being loaded is greater than the Time Stamp in the CS Document ID which exists in Banner: RPTUAPP (RPTUAPP_CS_DOCUMENT_ID) or RLRPLUS (RLRPLUS_CS_DOCUMENT_ID).

If the file being processed is older than the data existing in Banner and therefore not updating the record, a message is provided in the output indicating the older data was not loaded.

Change Request - Defect CR-000131930

Reported

When a PLUS Loan origination status is initially *D* = Accepted, Credit Denied or *X* = Accepted, Credit Pending, loading of the crcs file with the Credit Requirements Met flag set to True, does not update the Origination status to *C* = Accepted, Credit Accepted.



Note: The Change Request - Defect was caused by not considering the Credit Appeal Status tag is not included in the CS document when a PLUS loan endorser is pursued rather than a credit appeal.

Resolution

Additional logic has been added when processing the CS document that when the Endorser Approved tag is received with a value of *Y* (endorser is approved), the Credit Decision will be updated to *A* = Accepted which will then update the Origination status to *C* = Accepted, Credit Accepted. The Credit Requirements Met tag is required for Disbursement of the funds and potentially could be received in a subsequent file.

2014-2015 FISAP - Technical

Changed tables



Note: The following table changes have been included to resolve Change Request - Defect CR-000132243

Financial Aid Application Table - Part 4 (RCRAPP4)

The RCRAPP4 table has been modified to increase column size. The following column has been expanded:

Column Name	Current Type	New Type
RCRAPP4_FISAP_2_INC	NUMBER (8)	NUMBER (10)

Financial Aid Temp. Appl. Table - Part 4 (RCRTMP4)

The RCRTMP4 table has been modified to increase column size. The following column has been expanded:

Column Name	Current Type	New Type
RCRTMP4_FISAP_2_INC	NUMBER (8)	NUMBER (10)

Temporary Table for FISAP (ROTFSAP)

The RCRTMP4 table has been modified to increase column size. The following column has been expanded:

Column Name	Current Type	New Type
ROTFSAP_FISAP_INCOME	NUMBER (7)	NUMBER (10)

Required data

Parameter Validation Table (GJAPVAL)

A new script, `rgjbpvali_08230005.sql`, has been included to add Parameter Validation Table (GJBPVAL) entries for the new 2014-2015 FISAP (RORFS15) process.



Note: You must execute this script as part of the Banner Financial Aid 8.24 installation to ensure that correct values exist in the table prior to user processing.

Report/Process Definition Table (GJBJOBS)

A new script, `rgjbjjobsi_08230005.sql`, has been included to add Report/Process Definition Table (GJBJOBS) entries for the new 2014-2015 FISAP (RORFS15) process.



Note: You must execute this script as part of the Banner Financial Aid 8.24 installation to ensure that correct values exist in the table prior to user processing.

Parameter Definition Table (GJBPDEF)

A new script, `rgjbpdefi_08230005.sql`, has been included to add Parameter Definition Table (GJBPDEF) entries for the new 2014-2015 FISAP (RORFS15) process.



Note: You must execute this script as part of the Banner Financial Aid 8.24 installation to ensure that correct values exist in the table prior to user processing.

Default Parameter Table (GJBPDFT)

A new script, `rgjbpdfi_08230005.sql`, has been included to add Default Parameter Table (GJBPDFT) entries for the new 2014-2015 FISAP (RORFS15) process.



Note: You must execute this script as part of the Banner Financial Aid 8.24 installation to ensure that correct values exist in the table prior to user processing.

General Object Base Table (GUBOBS)

A new script, `rgubobjsi_08230005.sql`, has been included to add General Object Base Table (GUBOBS) entries for the new 2014-2015 FISAP (RORFS15) and process.



Note: You must execute this script as part of the Banner Financial Aid 8.24 installation to ensure that correct values exist in the table prior to user processing.

2015-2016 Common Origination and Disbursement (COD) - Technical

The technical section discusses the changes made to support the COD modifications in the Banner Financial Aid 8.24 release. These support changes made to the 2015-2016 COD Technical Reference Guide - August 2015.

Required Data

Miscellaneous Validation Rules Table (RORMVAL)

rormvali_082400.sql

A new script, `rormvali_082400.sql`, has been included to add the following values to the Miscellaneous Validation Rules Table (RORMVAL).



Note: You must execute this script as part of the Banner Financial Aid 8.24 installation to ensure that correct values exist in the table prior to user processing.

RORHSDT_ATBT_COD_CDE

The following new codes will be inserted:

RORMVAL_COLUMN	RORMVAL_KEY_1	RORMVAL_KEY_2
RORHSDT_ATBT_COD_CDE		

RORMVAL_CODE	RORMVAL_DESC	RORMVAL_TRANS_CODE	RORMVAL_TRANS_COMMENT
11	Test Comp Enr 7-1-12to6-30-15		
12	Test Comp Enr 7-1-15 or After		
13	Coll Cred Enr 7-1-12to6-30-15		
14	Coll Cred Enr 7-1-15 or After		

RORMVAL_ SYSTEM_REQ_ IND	RORMVAL_ DATA_ORIGIN	RORMVAL_ USER_ID	RORMVAL_ ACTIVITY_DATE
Y	Banner	USER	SYSDATE

ATBT_COD_TEST_CDE

The following new codes will be inserted:

RORMVAL_COLUMN	RORMVAL_KEY_1	RORMVAL_KEY_2
ATBT_COD_TEST_CDE		

RORMVAL_ CODE	RORMVAL_DESC	RORMVAL_ TRANS_CODE	RORMVAL_ TRANS_ COMMENT
12	WBST - Spanish		

RORMVAL_ SYSTEM_REQ_ IND	RORMVAL_ DATA_ORIGIN	RORMVAL_ USER_ID	RORMVAL_ ACTIVITY_DATE
Y	Banner	USER	SYSDATE

rormvalu_082400.sql

A new script, `rormvalu_082400.sql`, has been included to add the following values to the Miscellaneous Validation Rules Table (RORMVAL).



Note: You must execute this script as part of the Banner Financial Aid 8.24 installation to ensure that correct values exist in the table prior to user processing.

RORHSDT_ATBT_COD_CDE

The following new codes will be inserted:

RORMVAL_COLUMN	RORMVAL_KEY_1	RORMVAL_KEY_2
RORHSDT_ATBT_COD_CDE		

RORMVAL_ CODE	RORMVAL_DESC	RORMVAL_ TRANS_CODE	RORMVAL_ TRANS_ COMMENT
01	Test Comp Enr prior to 7-1-12		
02	Coll Cred Enr prior to 7-1-12		
07	GED or State Auth. H.S.Equiv Note - In anticipation of an upcoming COD mandated change, the 07 code combines both GED (07) and State Authorized High School Equivalence (08) values.		

RORMVAL_ SYSTEM_REQ_ IND	RORMVAL_ DATA_ORIGIN	RORMVAL_ USER_ID	RORMVAL_ ACTIVITY_DATE
Y	Banner	USER	SYSDATE

2015-2016 Direct Loan Reconciliation - Technical

This chapter describes technical changes included to support the redesigned Direct Loan Reconciliation.

New table

Direct Loan Unmatched Cash Detail (RLRUCDT)

The new RLRUCDT table is designed to store Direct Loan cash detail records that do not match data in the RPRCASH table.

The following columns are included for the 8.24 release.

Column	NULL?	Type	Comment
RLRUCDT_SEQ_NO	No	NUMBER (5)	SEQUENCE NUMBER: A one-up generated number used to order the cash draw-downs and returns.
RLRUCDT_DRAW_DATE	No	DATE	DRAW DATE: The date on which cash was received (drawn down) from the direct loan servicer or unused cash was returned to the servicer.
RLRUCDT_DRAW_AMT	No	NUMBER (11)	DRAW AMOUNT: The amount of cash which was received from or returned to the servicer. (May be a positive or negative amount).
RLRUCDT_USER_ID	Yes	VARCHAR2 (30)	USER ID: The user ID of the person who inserted or last updated this record.
RLRUCDT_ACTIVITY_DATE	Yes	DATE	ACTIVITY DATE: The date that information in this record was entered or last updated.

Column	NULL?	Type	Comment
RLRUCDT_ACTION	N	VARCHAR2 (1)	ACTION: This field describes the action which the record represents. A value of R is a cash receipt. A value of X is a return of excess cash.
RLRUCDT_CONF_CODE	Yes	VARCHAR2 (13)	CONFIRMATION CODE: The confirmation code received from the bank for cash receipts.
RLRUCDT_BATCH_NO	Yes	VARCHAR2 (23)	BATCH ID: The Batch ID of the DL School Statement of Account which contained this record.
RLRUCDT_BATCH_DATE	Yes	DATE	BATCH DATE/END DATE: The end date of the DL School Statement of Account which contained this record.
RLRUCDT_PROCESS_DATE	Yes	DATE	PROCESS DATE: The actual date the School Statement of Accounts, on which this cash record appeared, was processed.
RLRUCDT_AIDY_CODE	Yes	VARCHAR2 (4)	AID YEAR CODE: The aid year to which this Direct Lending cash record applies.
RLRUCDT_SCHOOL_CODE	Yes	VARCHAR2 (6)	SCHOOL CODE: The Direct Lending School Code for this cash record.
RLRUCDT_SAS_RECORD_COUNT_SEQ	Yes	NUMBER (6)	RECORD COUNT SEQUENCE: The record number assigned on to this cash record.
RLRUCDT_CHECK_NO	Yes	NUMBER (12)	CHECK NUMBER: This field indicates the number used by the school on a check for return of excess cash.
RLRUCDT_REGION_CD	Yes	VARCHAR2 (2)	SCHOOL REGION CODE: Displays the 2 digit region code of the school.
RLRUCDT_SCHOOL_STAT_CODE	Yes	VARCHAR2 (2)	SCHOOL STATE CODE: Displays the 2 digit State code of the school.
RLRUCDT_DATA_ORIGIN	Yes	VARCHAR2 (30)	DATA ORIGIN: The latest source for the data contained in this record.
RLRUCDT_SURROGATE_ID	Yes	NUMBER (19)	SURROGATE ID: The surrogate id for this record.

Column	NULL?	Type	Comment
RLTUMPN_VERSION	Yes	NUMBER (19)	VERSION: The optimistic lock token for this record.
RLTUMPN_VPDI_CODE	Yes	VARCHAR2 (6)	VPDI CODE: The code representing the entity to which this record belongs to for Multi-entity Processing support.

Table comment

The following table comment has been included for the 8.24 release:

- Direct Loan Unmatched Cash Detail Table

Indexes

The following indexes have been included for the 8.24 release:

- RLRUCDT_KEY_INDEX
 - RLRUCDT_DRAW_DATE
 - RLRUCDT_SEQ_NO

Changed table

Direct Loan Disbursement Detail Account Summary Table (RLRDDAS)

The RLRDDAS table has been updated to modify foreign key constraints. These changes allow disbursements done at COD (not within Banner) to be imported to the RLRDDAS table while accounting for all disbursements.

Logic used for matching disbursement numbers and disbursement sequences (1 - 65) will now be done through the Direct Loan Statement of Account Disbursement Detail (RB_DL_SAS_DISB_DETAIL) API.

Keys

Foreign

The following foreign key constraints have been removed:

```
CONSTRAINT FK1_RLRDDAS_INV_RLRDLDD_KEY  
FOREIGN KEY (RLRDDAS_PIDM, RLRDDAS_LOAN_NO, RLRDDAS_DISB_NO,  
RLRDDAS_DISB_SEQ_NO)  
REFERENCES RLRDLDD (RLRDLDD_PIDM, RLRDLDD_LOAN_NO, RLRDLDD_DISB_NO,  
RLRDLDD_SEQ_NO)
```

The following foreign key constraints have been added:

```
CONSTRAINT FK1_RLRDDAS_INV_RLRDLOR_KEY  
FOREIGN KEY (RLRDDAS_PIDM, RLRDDAS_LOAN_NO)  
REFERENCES RLRDLOR (RLRDLOR_PIDM, RLRDLOR_LOAN_NO)
```

New package

The following new program object has been added to support the Banner Financial Aid 8.24 release:

Direct Loan Reconciliation Reports Support Package (RLKDLRC)

The new RLKDLRC package will be used to support the new Direct Loan Reconciliation Reports (RLRDLRC) process.

RB_DL_SAS_DISB_DETAIL Package

The APIs MISSING_PARENT edit has been modified to match only on PIDM and loan number. The following scripts have been modified:

- rlkb_rlrddas1.sql - Modified edit to match on pidm and loan number.
- rlkb_rlrddas_s0.sql - Modified comment.
- rlkb_rlrddas_s1.sql - Modified error message.

Changed packages

The following program object has been modified to support the Banner Financial Aid 8.24 release.

RB_DL_SAS_DISB_DETAIL API

The Direct Loan Statement of Account Disbursement Detail API (RB_DL_SAS_DISB_DETAIL) has been modified to compare disbursement numbers and sequence numbers during import file matching. This updated logic will be used for disbursement sequences from 1 to 65.



Note: Logic changes are not required for sequences greater than 65 because these sequences are done at COD (not within Banner) and will not have an associated Banner record.

DML_RLRDDAS Package

The DML_RLRDDAS package's MISSING_PARENT edit has been modified to match only on PIDM and loan number.

Package	Specification	Body
DML_RLRDDAS	rlkd_rlrddas0.sql	rlkd_rlrddas1.sql

Required data

Report/Process Definition Table (GJBJOBS)

rgjbjobsi_08230006.sql

A new script, rgjbjobsi_08230006.sql, has been included to create an entry for the new Direct Loan Reconciliation Reports (RLRDLRC) process.



Note: You must execute this script as part of the Banner Financial Aid 8.24 installation to ensure that correct values exist in the table prior to user processing.

Parameter Definition Table (GJBPDEF)

rgjbpdefi_08230006.sql

A new script, `rgjbpdefi_08230006.sql`, has been included to create parameter definition entries for the new Direct Loan Reconciliation Reports (RLRDLRC) process.



Note: You must execute this script as part of the Banner Financial Aid 8.24 installation to ensure that correct values exist in the table prior to user processing.

Parameter Validation Table (GJBPVAL)

rgjbpvali_08230006.sql

A new script, `rgjbpvali_08230006.sql`, has been included to add the following values to the Direct Loan Reconciliation Reports (RLRDLRC) process.

- Valid values - Parameter 02
 - A - All reports
 - LA - All loan level reports
 - DA - All disbursement level reports
 - CS - Cash Summary only
 - LE - Loan level equal
 - LN - Loan level not equal
 - LB - Loan level - Banner no COD
 - LC - Loan level - COD no Banner
 - DE - Disbursement level equal
 - DN - Disbursement level not equal
 - DB - Disb. level - Banner No COD
 - DC - Disb. level - COD no Banner
- Valid values - Parameter 03
 - S - Subsidized Stafford
 - U - Unsubsidized Stafford
 - G - Graduate PLUS
 - P - Parent PLUS

- Valid values - Parameter 05
 - Y - Exclude Disb. Status = D,
 - N - Include Disb. Status = D
- Valid values - Parameter 07
 - N - Sort by Name
 - I - Sort by ID
 - L - Sort by Loan Type

rgjbpvali_082400.sql

A new script, `rgjbpvali_082400.sql`, has been included to add the new Unbooked Disbursements Detail report value to the Direct Loan Reconciliation Reports (RLRDLRC) process.



Note: You must execute this script as part of the Banner Financial Aid 8.24 installation to ensure that correct values exist in the table prior to user processing.

- New value - Parameter 02
 - UB - Net Unbooked Disb Detail

General Object Base Table (GUBOBS)

rgubobjsi_08230006.sql

A new script, `rgubobjsi_08230006.sql`, has been included to create an entry for the new Direct Loan Reconciliation Reports (RLRDLRC) process.



Note: You must execute this script as part of the Banner Financial Aid 8.24 installation to ensure that correct values exist in the table prior to user processing.

- GUBOBS_NAME = RLRDLRC
- GUBOBS_DESC = Direct Loan Reconciliation Reports
- GUBOBS_OBJT_CODE = JOBS
- GUBOBS_SYSI_CODE = R
- GUBOBS_USER_ID = BASELINE
- GUBOBS_ACTIVITY_DATE = SYSDATE

- GUBOBS_HELP_IND = N
- GUBOBS_EXTRACT_ENABLED_IND = N
- GUBOBS_UI_VERSION = B

2015-2016 EDE Dataload, Correction Processing, and ISIR - Technical

This chapter describes the technical changes that support EDE processing.

Required Data

2015-2016 ISIR Comment Code Validation Table (RTVICMT)

New comment codes

Comment code entries in RTVICMT for aid year 2015-2016, are updated by the `rtvicmti_082xxx.sql` script.

The following updates have been made:

AID_YEAR	RTVICMT_TYPE	RTVICMT_CODE	RTVICMT_DESC
1516	I	006	If you need to make corrections to your information, you may either make them online at www.fafsa.gov using your FSA ID, or by using this SAR. If you need additional help with your SAR, contact your school's financial aid office or visit www.fafsa.gov and click the "Help" icon on the FAFSA home page. If your mailing address or e-mail address changes, you can make the correction online or send in the correction on your SAR.
1516	I	165	If you are or were in Foster Care, you may be eligible for assistance through federal programs for foster youth, such as the John H. Chafee Foster Care Independence Program and/or the Education and Training Voucher (ETV) Program. For more information contact your state ETV coordinator. The contact information is located here: https://www.childwelfare.gov/organizations/?CWIGFunctionsaction=rols:main.dspROL&rolType=Custom&RS_ID=38 .

AID_YEAR	RTVICMT_TYPE	RTVICMT_CODE	RTVICMT_DESC
1516	I	166	You reported that you are or were in Foster Care. You may be eligible for assistance through federal programs for foster youth, such as the John H. Chafee Foster Care Independence Program and/or the Education and Training Voucher (ETV) Program. For more information contact your state ETV coordinator. The contact information is located here: https://www.childwelfare.gov/organizations/?CWIGFunctionsaction=rols:main.dspROL&rolType=Custom&RS_ID=38 .
1516	I	275	Your identity has been verified by the Social Security Administration. You can now use your FSA ID to make corrections, add school codes, view your federal student loan history, electronically sign your Federal Direct Loan Master Promissory Note, and more. Do not share your FSA ID with anyone. For more information about your FSA ID, visit www.StudentAid.gov/FSAID .
1516	I	276	We were unable to verify your name, date of birth, and/or Social Security Number (SSN) with the Social Security Administration (SSA). Therefore, your FSA ID could not be used to sign your FAFSA. Follow the instructions below to resolve your problem with the SSA.
1516	I	277	Your parent's identity has been verified by the Social Security Administration. Your parent can now use his or her FSA ID with all Federal Student Aid systems that require it. Your parent should not share his or her FSA ID with anyone, including you. For more information about the FSA ID, your parent can visit www.StudentAid.gov/FSAID .
1516	I	278	We were unable to verify your parent's name, date of birth, and/or Social Security Number (SSN) with the Social Security Administration (SSA). Therefore, your parent's FSA ID could not be used to sign your FAFSA. Follow the instructions below to resolve your parent's problem with the SSA.
1516	I	279	Your parent's identity has been verified by the Social Security Administration. Your parent can now use his or her FSA ID with all Federal Student Aid systems that require it. Your parent should not share his or her FSA ID with anyone, including you. For more information about the FSA ID, your parent can visit www.StudentAid.gov/FSAID .
1516	I	280	We were unable to verify your parent's name, date of birth, and/or Social Security Number (SSN) with the Social Security Administration (SSA). Therefore, your parent's FSA ID could not be used to sign your FAFSA. Follow the instructions below to resolve your parent's problem with the SSA.

Updating Academic Year Dates by Loan Type - Technical

Changed packages

Direct Lending Support Package (ROKDRCT)

The ROKDRCT package was modified to display a SAY code difference by loan type instead of fund code. This allows loans with different funds codes but same loan type to be processed by the Direct Loan Origination Creation Process (RLPDLOC).

RP_DL_ORIGINATION API

The Direct Loan Origination Business Process API has been modified to update SAY codes and dates by loan type rather than fund code.

Miscellaneous Enhancements - Technical

This section describes technical Change Request - Defects included in the Banner Financial Aid 8.24 release.

Resolved Change Request - Defects

Financial Aid job submission processing

Change Request - Defect CR-000131094

Reported

Banner Financial Aid requires job submission changes to accommodate the Banner General 8.7.3 release.

Resolution

Code enhancements were made to conform with changes to Banner General 8.7.3.

Changed library objects

The following library objects, used to support Pro*C processes, have been included to resolve this Change Request - Defect:

- `ruaparg.h` - File used to store declaration of the common functions.
- `ruaparg.pc` - Program that references the implementation of related common functions.

*Changed Pro*C processes*

The following Pro*C objects have been modified and are also included to conform with changes to Banner General 8.7.3:

- `rapagrl.pc`
- `rhrcomm.pc`
- `raratad.pc`
- `rhrpcom.pc`

- rcpdtmp.pc
- rcpimfm.pc
- rcpmtch.pc
- rcrtp16.pc
- rercd16.pc
- rercel16.pc
- rerexim.pc
- rerfil6.pc
- reris16.pc
- reror16.pc
- rfpfbrl.pc
- rlrdul6.pc
- rnrqini.pc
- nrntmac.pc
- nrntmne.pc
- nrntmni.pc
- roproll.pc
- ropterm.pc
- ropuser.pc
- roremal.pc
- rorfs15.pc
- rorloga.pc

Changed scripts

The following Banner Financial Aid shell scripts have been modified to support enhanced Pro*COBOL program operations:

- rcbtp11.shl
- rcbtp12.shl
- rcbtp13.shl
- rebcd11.shl
- rebcd12.shl
- rebcd13.shl
- rebcd14.shl
- rebcd15.shl
- rebcd16.shl
- rnein11.shl
- rnein12.shl
- rnein13.shl
- rnein14.shl
- rnein15.shl
- rnein16.shl
- rpbddrv.shl
- rpbpdrv.shl
- rpedisb.shl
- rpepckg.shl
- rpepell.shl

The following Banner Financial Aid shell scripts have been modified to support enhanced Pro*C program operations:

- rcrtp16.shl
- rercel16.shl
- rerfil6.shl
- rlrdul6.shl
- nrntmni.shl

The following Banner Financial Aid shell scripts have been modified to support enhanced Java program operations:

- rcpca16.shl
- rcptp16.shl
- rcpct16.shl
- rerim16.shl

Required data

Report/Process Definition Table (GJBJOBS)

A new script, `rgjbjobsu_082301.sql`, has been included to update `GJBJOBS_CREDS_IN_FILE`. This change allows jobs to be flagged that are able to be run by reading authentication credentials from a file.



Note: You must execute this script as part of the Banner Financial Aid 8.23.1 installation to ensure that correct values exist in the table prior to user processing.

FISAP Income

Change Request - Defect CR-000132243

Reported

When RORFS15 encounters a FISAP income with more than 7 characters the process fails with the following error:

```
Run Sequence Number .....:
ORA-01438: value larger than specified precision allowed for this column

WRN-ORACERR: Error occurred in file "rorfs15.pc" at line 3,393
WRN-ERRSTMT: Following statement was last statement parsed:
      insert into ROTFSAP (ROTFSAP_AIDY_CODE,ROTFSAP_ID,ROTFSAP_LAST_NAME,RO
```

Resolution

The FISAP Person Maintenance (ROAFSAP) form's **Income** field, along with the underlying table's column (`ROTFSAP_FISAP_INCOME`), has been expanded to accommodate values of up to 99,999,999.

Support for Job Sub Proxy Wallet

Overview

The Banner General 8.8 release includes a modification to the Job Submission process. The enhancement provides communication with Job Submission through a proxy user with an Oracle Wallet, supporting configuration on the Job Submission server.

This enhancement allows batch job to be securely executed without the need to pass users password values to the Job Submission server.



Warning! *This release must be installed prior to General 8.8 and enabling the Proxy Wallet. If Banner Financial Aid 8.23.1 release or this 8.24 release is not installed, COBOL processes will no longer execute.*



Note: Modifications to Pro*C or Java processes that are executed by these shell scripts were not needed to support the Proxy Wallet.

Changed Pro*COBOL objects

The following Banner Financial Aid Pro*COBOL objects have been modified to support Proxy Wallet:

- RCBTP11.pco
- RCBTP12.pco
- RCBTP13.pco
- REBCD11.pco
- REBCD12.pco
- REBCD13.pco
- REBCD14.pco
- REBCD15.pco
- REBCD16.pco
- RNEIN110.pco
- RNEIN11.pco
- RNEIN11S.pco
- RNEIN120.pco
- RNEIN140.pco
- RNEIN14.pco
- RNEIN14S.pco
- RNEIN150.pco
- RNEIN15.pco
- RNEIN15S.pco
- RNEIN160.pco
- RNEIN16.pco
- RNEIN16S.pco
- RPBPDRV.pco
- RPEDISBO.pco
- RPEDISB.pco
- RPEDISBS.pco

- RNEIN12.pco
- RNEIN12S.pco
- RNEIN130.pco
- RNEIN13.pco
- RNEIN13S.pco
- RPEPCKG.pco
- RPEPELLO.pco
- RPEPELL.pco
- RPEPELLS.pco

Resolutions

At the time this guide was completed, a set of Change Request resolutions (Enhancements and Defects) is targeted for delivery with this release.

The Banner Financial Aid 8.24 Resolution Report is a companion to this release guide. This Resolution Report (Banner_Finaincial_Aid_Resolutions_Report_8.24.txt) provides summary information about the Change Requests that are resolved in Banner Financial Aid 8.24. For additional details about specific change requests, go to <http://www.ellucian.com/Solutions/Ellucian-Client-Support/> and use the Ellucian Hub to access the Ellucian Support Center.