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Banner Financial Aid Release Guide

Release 8.26
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Introduction

This guide documents enhancements included for the Banner® Financial Aid 8.26 release.

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 8.26 Release Guide?*, Article #000035580, 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 #000035580 as you use the new release functionality.

Enhancements

The following enhancements are included in this release:

Common Origination and Disbursement (COD)

The functional and technical sections discuss changes made for 2016-2017 COD processing. Updates include:

- 2016-2017 COD Forms and Processes

Miscellaneous Enhancements

The functional and technical sections describe miscellaneous enhancements, Change Request (Defects and Enhancements), and resolutions included in the 8.26 release.

Resolved Change Requests

- Disbursement
Change Request - Enhancement CR-000131981

- Reconciliation
 - Change Request - Enhancement CR-000138817
- Loan Processing
 - Change Request - Enhancement CR-000136512
 - Change Request - Enhancement CR-000136830

Technical Enhancement

- Technical currency
 - Oracle Pipes for COBOL

Cumulative documentation and patches

This document provides detailed information about the Banner Financial Aid 8.26 release. Banner Financial Aid 8.26 is a cumulative release that includes one interim release and postings/patches delivered after Banner Financial Aid 8.25.

For complete documentation about this interim release, please refer to the *Banner Financial Aid 8.25.1 Release Guide*.

Documentation for postings/patches delivered after Banner Financial Aid 8.25 are addressed in the respective Banner Financial Release Guides. New functionality delivered with Banner Financial Aid 8.26, as well as the postings/patches delivered after the Banner Financial Aid 8.25 release, are documented in the *Banner Financial Aid 8.26 Release Guide*.

Patches

The following postings/patches are included in Release 8.26. 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-000137019_ res8250001	January 2016	Change Request - Defect Posting	This patch addresses EDE Processing (Change Request Defect CR-000137019). Refer to the patch for additional details.

Release/Patch Number	Dates	Comments	Additional information
pcr-000137441_ res8250002.trz	February 2016	Change Request - Enhncmnt. Posting	<p>The Department of Education released the 2016-2017 Pell Payment Schedules on Jan. 29, 2016 which must be applied to Banner Financial Aid. This patch delivers the following code to properly populate the RORPELL and RPRFEDR tables for 2016-2017:</p> <ul style="list-style-type: none"> • rorpelli_08250002.sql (RORPELL) • rprfedru_08250002.sql (RPRFEDR) <p>Refer to the patch for additional details.</p>
pcr-000137698_ res8250003.trz	February 2016	Change Request - Enhncmnt. Posting	<p>The Department of Education released the 2016-2017 Federal Need Analysis Calculation Updates on February 5, 2016.</p> <p>This patch is used to ensure Reject 20 is invoked under the proper conditions for 2016-2017. Updates reflect changes made to the income thresholds for Reject 20 Edits 4031-4035.</p> <ul style="list-style-type: none"> • This enhancement is intended for only those clients who use on-premise FM processing. <p>Refer to the patch for additional details.</p>
pcr-000137202_ res8250004.trz	February 2016	Change Request - Defect Posting	<p>This patch addresses a Change Request Defect associated with Packaging:</p> <ul style="list-style-type: none"> • Change Request - Defect CR-000137202 - RPK_AWARD_VALIDATION_US <p>Refer to the patch for additional details.</p>

Resolutions

This section provides information regarding problems resolved as part of release 8.26.

Common Origination and Disbursement (COD) - Functional

Overview

This release includes necessary updates for 2016-2017 COD processing, based upon the guidelines outlined in the 2016-2017 COD Technical Reference. All aid year specific processes and forms have been created and updated for 2016-2017 processing.

New forms

2016-2017 Grant Disbursement/Acknowledgement Form (READI17)

The READI17 form, which displays student Pell and TEACH disbursement records, has been created for the 2016-2017 aid year. There are no new fields for 2016-2017 on this form and no additional changes have been made.

2016-2017 Grant Origination/Acknowledgement Form (REAOR17)

The REAOR17 form, which maintains student Pell and TEACH origination records, has been created for the 2016-2017 aid year. There are no new fields for 2016-2017 on this form and no additional changes have been made.

Changed menu

2016-2017 Electronic Data Exchange Menu - *RESEDE17

The following forms have been added to *RESEDE17 menu:

- 2016-2017 Grant Origination/Acknowledgement Form (REAOR17)
- 2016-2017 Grant Disbursement/Acknowledgement Form (READI17)

New processes

2016-2017 COD Print Process (RERCD17)

Year-specific updates were made to parameter descriptions and the output.

2016-2017 COD Extract Process (REREX17)

Year-specific updates have been made to both parameter descriptions and the output.

2016-2017 Grant File Import (RERFI17)

Year-specific updates were made to parameter descriptions and the output.

Processing updates

The RERFI17 process has been modified to support flat-files received by Pell and TEACH COD Full Participants for the 2016-2017 aid year. The following files received in a flat-file format for the 2016-2017 aid year are:

- PGRA17OP - Pell Data Request Response
- PGAS17OP - Pell Electronic Statement of Account (ESOA)
- PGMR17OP - Pell Multiple Reporting Record (MRR)
- PGRC17OP - Pell Reconciliation Record
- PGYR17OP - Pell Year-to-Date Record
- THMR17OP - TEACH Multiple Reporting Record

- ATSDISOP - TEACH ATS Discharge Report
- EXTHFFOP - Exit Counseling Report from NSLDS



Note: The files listed above are the only file types supported by RERF17 for the 2016-2017 aid year.

Header/Trailer record

The Batch Header ID (positions 17-20) for the 2016-2017 aid year must equal 2017 for all message classes except ATSDISOP and EXTHFFOP headers:

- ATSDISOP header (positions 17-20) - NULL, as this message class is non-aid year specific.
- EXTHFFOP header (positions 15-20) - NULL, as this message class is non-aid year specific.

2016-2017 COD File Import (RERIM17)

Year-specific updates were made to parameter descriptions and the output.

2016-2017 Grant Orig Creation (REROR17)

Year-specific updates were made within the process to parameter descriptions and the output.

2016-2017 DL Flat-File Import (RLRDU17)

Year-specific updates were made within the process to parameter descriptions and the output.

The RLRDU17 process replaces functionality of the DL Flat File Upload (RPRDUxx) process for aid years 2015-2016 and beyond. This updated version of the process makes use of the new Direct Loan table structure.

The following files received in a flat-file format for the 2016-2017 aid year are:

- DSDF17OP - AS - Import School Account Statement (Fixed-Length, Loan Detail, Disbursement Level)
- DSLF17OP - AS - Import School Account Statement (Fixed-Length, Loan Detail, Loan Level)
- MPNDISOP - MPN Discharge Report (Fixed-Length)

- MPNINAOP - MPN Expired Report (Fixed-Length)
- MPNEXPOP - MPNs Due to Expire Report (Fixed-Length)
- AHLDEOP - Ad-hoc Loan Exit Counseling Results (Fixed-Length)
- EXITFFOP - Exit Counseling Results (Fixed-Length)
- DSMF17OP - AS - DL Import Month-to-Date School Account Statement (Fixed-Length, Disbursement Detail Only)
- DSRF17OP - AS - DL Date Range School Account Statement (Fixed-Length, Disbursement Detail Only)
- DSYF17OP - AS - DL Year-to-Date School Account Statement (Fixed-Length, Disbursement Detail Only)



Note: The files listed above are the only file types supported by RLRDU17 for the 2016-2017 aid year.

Miscellaneous Enhancements - Functional

This section describes miscellaneous functional Change Request - Enhancements and Defects included in the 8.26 release.

Resolved Change Requests

Disbursement

Change Request - Enhancement CR-000131981

Enhancement business purpose

A solution has been included with the 8.26 release to prevent disbursement reversal transactions from updating Accounts Receivable when they were never initially fed. If corrupt (bad?) data caused this situation to occur, a Banner Financial Aid data discrepancy would occur and be noted. This enhancement prevents a possible data mismatch from occurring between Financial Aid and Accounts Receivable, regardless of whether the loan with corrupt data uses Advance Pay or standard processing.

Reported

As a result of Advance Pay CR-Defect CR-000131522, Initial disbursements that were authorized and accepted by COD, but for which the student became ineligible prior to disbursement in Banner had reversing entries created as positive value transaction 0 records, rather than negative value transaction 0 records.

This caused the award amount for that disbursement to be doubled rather than zeroed, and no payment to be posted to A/R. This also caused COD and RLADLOR to show the student as paid when no actual payment had been made in Banner. In attempt to correct the loan, users created an additional sequence to reverse the full amount of both payments. Initially, RPEDISB did not process these sequences because corresponding A/R detail records for the detail code and term code associated with that fund and period did not exist in TBRACCD (TSAAREV). However, once a replacement loan for the same period and fund was paid, and sufficient money existed in TBRACCD, RPEDISB processed the pending reversal record on the initial loan with a real transaction number, causing a situation in which a reversal was processed in A/R for a loan that was never paid to A/R.

Resolution

Prior to adding a reversing entry to TBRACCD, logic has been added to the disbursement process to ensure money has been already fed to accounts receivable for this loan number and period. If it has, also ensured that you are not reversing more money than has been originally fed. Display new disbursement error '085 - AR reversal greater than Actual payment' if this mismatch occurs.

This logic is meant to prevent AR data from being corrupted when problems occur in Financial Aid.

Reconciliation

Change Request - Enhancement CR-000138817

Enhancement business purpose

Clean up unnecessary rows to reduce form clutter and increase overall efficiency.

Reported

In the RPACASH form a cash detail record can be loaded multiple times in the Unmatched Cash Detail Records part of the form. When that transaction is eventually matched, the duplicate records in the Unmatched part of the form remain. This can clutter up the form quickly. We would like the ability to be able to manually delete those duplicate transactions from the Unmatched part of the form, or have the RLRDLRC remove those once a match has been found, or the RLRDU16 not allow duplicates to be loaded.

Resolution

The form has been updated to allow users to manually delete records from the Unmatched Cash Detail Records section of the form.

Loan Processing

Change Request - Defect CR-000136512

Reported

The Direct Loan Reconciliation Reports (RLRDLRC) process may incorrectly calculate Total Booked Disbursements, Total Booked Adjustments, and Total Net Unbooked Disbursements on the Banner Cash Summary. For Advance Pay schools, disbursement date discrepancies may be reported incorrectly.

1. The function for Total Booked Disbursements and Total Booked Adjustments only selects records with a disbursement status of A. Consequently, disbursements without a disbursement status of A are omitted from the total amount.
2. The second select in the union for the function that calculates Total Net Unbooked Disbursements is missing the join `rlrddas_loan_id = rlrldlor_loan_id`. This causes the other booked disbursements to be included in the total, resulting in an overstated amount.
3. For Advance Pay schools, RLRDLRC may incorrectly report discrepancies in disbursement dates.

Resolution

This CR-Defect's resolution includes the following elements:

1. Added the Exclude Disb Status (Parameter 5) to the functions for Total Booked Disbursements and Total Booked Adjustments. This selects the amount for all disbursement statuses, not just those with an A, unless Parameter 05 = Y (in that case disbursements with a status of D are excluded).
2. Added the join `rlrddas_loan_id = rlrldlor_loan_id` to the function that calculates Total Net Unbooked Disbursements.
3. For the reports that may have incorrectly reported discrepancies in disbursement dates, the following modifications have been included:
 - For the DE report (Banner Disbursement Amounts and Reported Dates = COD Disbursement Amounts and Transaction Dates), use `RLRDLDD_REPORTED_DATE` instead of `RLRDLDD_FEED_DATE` and removed only using the date from the first sequence (each individual sequence Reported Date is now evaluated).
 - For the DN report (Banner Disbursement Amounts <> COD Disbursement Amounts and/or Banner Paid Dates <> COD Transaction Date), use `RLRDLDD_REPORTED_DATE` instead of `RLRDLDD_FEED_DATE` and removed only using the date from the first sequence (each individual sequence Reported Date is now evaluated).
 - For the UB report (Unbooked Disbursements), use `RLRDLDD_REPORTED_DATE` instead of `RLRDLDD_FEED_DATE`.

Change Request - Defect CR-000136830

Reported

RLRDLRC reports disbursement adjustments, typically negative amounts, differently between Disbursement Level reports. Some reports show the actual disbursement adjustment while other reports show the net disbursement amount.

Resolution

For the DE and DN reports:

- The actual disbursement amount each sequence is now passed (rather than summing all net amounts) and that amount is compared to the COD Net Adjusted amount when the Transaction Type = A otherwise it is compared to the COD Net Disbursement Amount.

For the DC and UB reports:

- The COD Net Adjusted amount is used when the Transaction Type = A otherwise the COD Net Disbursement Amount is used.

In addition to the defect resolution, the following enhancements were made as part of defect CR-000136512.

Subtotals

For the DE, DN and DC reports:

- Subtotals will now be reported for the Booked Disbursement and Booked Adjustment amounts to help reconcile these amounts in the Cash Summary section of RLRDLRC.

Sorting

For the DB report (Banner Disbursement Record, No COD Disbursement Record):

- If Sort Option *I* - Disbursement Type descending (RLRDLDD_SEQ_NO = 1 use *D*, else *A*), ID, Loan Type, Loan ID, Disbursement Number, Disbursement Sequence Number.
- If Sort Option *N* - Disbursement Type descending (RLRDLDD_SEQ_NO = 1 use *D*, else *A*), Last Name, First Name, ID, Loan Type, Loan ID, Disbursement Number, Disbursement Sequence Number.
- If Sort Option *L* - Disbursement Type descending (RLRDLDD_SEQ_NO = 1 use *D*, else *A*), Loan Type, Last Name, First Name, ID, Loan ID, Disbursement Number, Disbursement Sequence Number.

For the DC report (COD Disbursement Record, Banner Disbursement not Fed (Paid)):

- If Sort Option *I* - Disbursement Type descending, ID, Loan Type, Loan ID, Disbursement Number, Disbursement Sequence Number.
- If Sort Option *N* - Disbursement Type descending, Last Name, First Name, ID, Loan Type, Loan ID, Disbursement Number, Disbursement Sequence Number.
- If Sort Option *L* - Disbursement Type descending, Loan Type, Last Name, First Name, ID, Loan ID, Disbursement Number, Disbursement Sequence Number.

For the DE report (Banner Disbursement Amounts and Reported Dates = COD Disbursement Amounts and Transaction Dates):

- If Sort Option *I* - Disbursement Type desc, ID, Loan Type, Loan ID, Disbursement Number, Disbursement Sequence Number.
- If Sort Option *N* - Disbursement Type desc, Last Name, First Name, ID, Loan Type, Loan ID, Disbursement Number, Disbursement Sequence Number.
- If Sort Option *L* - Disbursement Type desc, Loan Type, Last Name, First Name, ID, Loan ID, Disbursement Number, Disbursement Sequence Number.

For the DN report (Banner Disbursement Amounts <> COD Disbursement Amounts and/or Banner Paid Dates <> COD Transaction Date):

- If Sort Option *I* - Disbursement Type desc, ID, Loan Type, Loan ID, Disbursement Number, Disbursement Sequence Number.
- If Sort Option *N* - Disbursement Type desc, Last Name, First Name, ID, Loan Type, Loan ID, Disbursement Number, Disbursement Sequence Number.
- If Sort Option *L* - Disbursement Type desc, Loan Type, Last Name, First Name, ID, Loan ID, Disbursement Number, Disbursement Sequence Number.

For the UB report (Unbooked Disbursements):

- If Sort Option *I* - ID, Loan Type, Loan ID, Disbursement Number, Disbursement Sequence Number.
- If Sort Option *N* - Last Name, First Name, ID, Loan Type, Loan ID, Disbursement Number, Disbursement Sequence Number.
- If Sort Option *L* - Loan Type, Last Name, First Name, ID, Loan ID, Disbursement Number, Disbursement Sequence Number.

Common Origination and Disbursement (COD) - Technical

The technical section discusses the changes made to support the COD modifications in the Banner Financial Aid 8.26 release.

New packages

2016-2017 COD Extract Database Package (REKCE17)

This package has been copied from the existing 2015-2016 database package `rekce160.sql` and `rekce161.sql`.

Package	Specification	Body
REKCE17	<code>rekce170.sql</code>	<code>rekce171.sql</code>

2016-2017 COD Import Database Package (REKCI17)

This package has been copied from the existing 2015-2016 database package `rekci160.sql` and `rekci161.sql`.

Package	Specification	Body
REKCI17	<code>rekci170.sql</code>	<code>rekci171.sql</code>

2016-2017 Grant Origination Package (REKOR17)

This package has been copied from the existing 2015-2016 database package `rekor160.sql` and `rekor161.sql`.

Package	Specification	Body
REKOR17	<code>rekor170.sql</code>	<code>rekor171.sql</code>

Required data

Report/Process Definition Table (GJBJOBS)

rgjbjobsi_082600.sql

A new script, `rgjbjobsi_082600.sql`, has been included to insert the Report/Process Jobs Table entries for all of the new processes in this release.



Note: You must execute this script as part of the Banner Financial Aid 8.26 installation to ensure that correct values exist in the table prior to user processing.

- 2016-2017 COD Print Process (RERCD17)
- 2016-2017 COD Extract Process (REREX17)
- 2016-2017 Grant File Import (RERFI17)
- 2016-2017 COD File Import (RERIM17)
- 2016-2017 Grant Orig Creation (REROR17)
- 2016-2017 DL Flat-File Import (RLRDU17)

Parameter Definition Table (GJBPDEF)

rgjbpdefi_082600.sql

A new script, `rgjbpdefi_082600.sql`, has been included to insert the Report/Process Definition Table entries for all of the new processes in this release.



Note: You must execute this script as part of the Banner Financial Aid 8.26 installation to ensure that correct values exist in the table prior to user processing.

- 2016-2017 COD Print Process (RERCD17)
- 2016-2017 COD Extract Process (REREX17)
- 2016-2017 Grant File Import (RERFI17)
- 2016-2017 COD File Import (RERIM17)

- 2016-2017 Grant Orig Creation (REROR17)
- 2016-2017 DL Flat-File Import (RLRDU17)

Parameter Validation Table (GJBPVAL)

rgjbpvali_082600.sql

A new script, `rgjbpvali_082600.sql`, has been included to insert the Parameter Validation Table entries for all new processes in this release.



Note: You must execute this script as part of the Banner Financial Aid 8.26 installation to ensure that correct values exist in the table prior to user processing.

- 2016-2017 COD Print Process (RERCD17)
- 2016-2017 COD Extract Process (REREX17)
- 2016-2017 Grant File Import (RERFI17)
- 2016-2017 COD File Import (RERIM17)
- 2016-2017 Grant Orig Creation (REROR17)
- 2016-2017 DL Flat-File Import (RLRDU17)

Default Parameters Table (GJBPDFT)

rgjbpdfti_082600.sql

A new script, `rgjbpdfti_082600.sql`, has been included to insert Default Parameter entries for all new processes in this release.



Note: You must execute this script as part of the Banner Financial Aid 8.26 installation to ensure that correct values exist in the table prior to user processing.

- 2016-2017 COD Print Process (RERCD17)
- 2016-2017 COD Extract Process (REREX17)
- 2016-2017 Grant File Import (RERFI17)
- 2016-2017 COD File Import (RERIM17)

- 2016-2017 Grant Orig Creation (REROR17)
- 2016-2017 DL Flat-File Import (RLRDU17)

FGAC Objects Excluded From FGAC Processing Rules Table (GOBFEOB)

rgobfeobi_082600.sql

A new script, `rgobfeobi_082600.sql`, has been provided to exclude each new process from FGAC



Note: You must execute this script as part of the Banner Financial Aid 8.26 installation to ensure that correct values exist in the table prior to user processing.

- 2016-2017 COD Print Process (RERCD17)
- 2016-2017 COD Extract Process (REREX17)
- 2016-2017 Grant File Import (RERFI17)
- 2016-2017 COD File Import (RERIM17)
- 2016-2017 Grant Orig Creation (REROR17)
- 2016-2017 DL Flat-File Import (RLRDU17)

General Object Base Table (GUBOBS)

rgubobjsi_082600.sql

A new script, `rgubobjsi_082600.sql`, has been included to insert specific values in GUBOBS.



Note: You must execute this script as part of the Banner Financial Aid 8.26 installation to ensure that correct values exist in the table prior to user processing.

- 2016-2017 COD Print Process (RERCD17)
- 2016-2017 COD Extract Process (REREX17)
- 2016-2017 Grant File Import (RERFI17)
- 2016-2017 COD File Import (RERIM17)

- 2016-2017 Grant Orig Creation (REROR17)
- 2016-2017 DL Flat-File Import (RLRDU17)

Form Options Table (GUROPTM)

rguroptmi_082600.sql

A new script, `rguroptmi_082600.sql`, has been included to insert values in GUROPTM.



Note: You must execute this script as part of the Banner Financial Aid 8.26 installation to ensure that correct values exist in the table prior to user processing.

Direct Loan Logging Control Table (RLRDLLC)

rlrdllci_082600.sql

A new script, `rlrdllci_082600.sql`, has been included to create required entries to provide logging of Direct Loan changes.



Note: You must execute this script as part of the Banner Financial Aid 8.26 installation to ensure that correct values exist in the table prior to user processing.

Miscellaneous Enhancements - Technical

This section describes a miscellaneous technical enhancement included in the Banner Financial Aid 8.26 release.

Technical Enhancement

Technical Currency

Oracle Pipes for COBOL

Several commonly used immediate processing jobs support a mode of operation called “listener” mode that can substantially improve performance. These jobs are:

- Disbursement Process (RPEDISB)
- Need Analysis Calculation Process (RNEINxx)
- Pell Calculation Process (RPEPELL)

The improvement in performance is achieved by running these jobs continuously, in the background, in “listener” mode. When configured this way, these jobs are always running and available to process immediate requests from forms such as ROAIMMP.

This enhancement replaced direct calls to the `DBMS_PIPE` package with calls to the `GOKDBMS` package.



Warning! For users granted access to the above mentioned jobs, either provide explicit grants to `GOKDBMS` or include `GOKDBMS` in the user's default role.

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 8.26 Resolution Report is a companion to this release guide. This Resolution Report (Banner_Finaincial_Aid_Resolutions_Report_8.26.txt) provides summary information about the Change Requests that are resolved in Banner Financial Aid 8.26. 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.