

# **BANNER HUMAN RESOURCES/BANNER POSITION CONTROL RELEASE NOTES**

Release 8.6  
October 2011

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# Banner Human Resources/Banner Position Control 8.6 Release Notes

## Contents

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- Introduction. . . . . 7
- System requirements. . . . . 7
- Cumulative documentation . . . . . 7
- Summary of changes to Banner forms and processes . . . . . 8
  
- Section 1 Salary Planner Functional . . . . . 9**
  - Overview . . . . . 9
  - Position upload . . . . . 10
  - Job upload . . . . . 10
  - Process flow . . . . . 11
  
  - New processes. . . . . 13**
    - Upload to Salary Planner (NBPUPSP) . . . . . 13
  
- Section 2 PEIESUM Form Functional . . . . . 17**
  - Overview . . . . . 17
  - Data tracking by faculty member . . . . . 17
  - Data tracking by organization . . . . . 18
  
- Section 3 Pay Stub Functional . . . . . 19**
  - Overview . . . . . 19
  
  - New form . . . . . 20

	<b>Changed forms</b> . . . . .	21
	Earnings Code Rule Form (PTREARN) . . . . .	21
	Benefits and Deductions Rule Form (PTRBDCA) . . . . .	21
<b>Section 4</b>	<b>Pay Stub Technical</b> . . . . .	<b>23</b>
	<b>New table</b> . . . . .	<b>23</b>
	Web Based Pay Stub Rule Table (PTRWSTB) . . . . .	23
	<b>Changed tables</b> . . . . .	<b>24</b>
	Earnings Code Rule Table (PTREARN) . . . . .	24
	Benefit/Deduction Calculation Rule Table (PTRBDCA) . . . . .	25
	<b>New APIs</b> . . . . .	<b>25</b>
	<b>New scripts</b> . . . . .	<b>25</b>
	<b>Changed scripts</b> . . . . .	<b>26</b>
	<b>New seed data</b> . . . . .	<b>27</b>
<b>Section 5</b>	<b>Miscellaneous Enhancements Technical</b> . . . . .	<b>29</b>
	<b>Changed tables</b> . . . . .	<b>29</b>
	Beneficiary Coverage Repeating Table (PDRBCOV) . . . . .	30
	Dependent and Beneficiary Repeating Table (PDRBENE) . . . . .	30
	Faculty Load Instructional Assignment Table (PERFASG) . . . . .	30
	Faculty Load Course Incremental Compensation Table (PERFCIN) . . . . .	30
	Faculty Load Schedule Type Compensation Table (PERFCSC) . . . . .	31
	Faculty Load Overload Instructional Compensation Table (PERFISO) . . . . .	31
	Payroll Comments Table (PHRCMNT) . . . . .	31
	Effort Certification Comments Table (PHRECCM) . . . . .	31
	Union Contract Information Table (PORCONT) . . . . .	31
	Position Control Installation Rule Table (NTRINST) . . . . .	32
	<b>Changed scripts</b> . . . . .	<b>32</b>
	<b>New APIs</b> . . . . .	<b>34</b>

<b>Section 6</b>	<b>RPEs</b> .....	<b>35</b>
<b>Section 7</b>	<b>Problem Resolutions</b> .....	<b>37</b>
	<b>Human Resources</b> . . . . .	<b>37</b>
	<b>Banner Position Control</b> . . . . .	<b>43</b>



# Introduction

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This *Release Guide* provide an overview of the enhancements included in the Banner® Human Resource 8.6 release. This document also includes technical updates, a listing of Request for Product Enhancements (RPEs), and problem resolutions.

## System requirements

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Install the following minimum releases to upgrade to Position Control Release 8.6.

- Minimum Banner General 8.3
- Minimum Banner Position Control 8.5
- Install the following minimum product releases to upgrade to Banner Human Resources 8.6.
- Minimum Banner General 8.3
- Minimum Banner Position Control 8.6
- Minimum Banner Human Resource 8.5

If you have not installed Banner General 8.4, do the following:

- For the Defect# 1-OALR3L fix included with this release, General patch b\_0110\_gen80300 must be applied before upgrading to Banner HR 8.6

If you have not installed General 8.4.2 do the following:

- For the Defect# 1-RQIXDT fix included with this release, General patch p1-v2aix0\_gen8040106 must be applied before upgrading to Banner HR 8.6

## Cumulative documentation

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This document provides detailed information about the Human Resources 8.6 release only. Human Resources 8.6 is a cumulative release that also includes enhancements, RPEs and problem resolutions delivered since the 8.5 releases. For complete information, refer to the [“Problem Resolutions” on page 37](#) of this guide.

# Summary of changes to Banner forms and processes

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This section provides an overview of the changes made for the Banner Human Resources 8.6 release.

- Enhancement has been made in the Human Resources Salary Planner module to upload salary changes and position budget changes from a spreadsheet into Banner's Salary Planner system. A new process, Upload to Salary Planner (NBPUPSP) is created to upload .txt files for Position Budgets and Employee Jobs changes to Salary Planner tables.
- The Employee Summary View Form (PEIESUM) has been modified to display the details for Faculty members if the institution tracks their Faculty by Employee or Organization.
- The web employee pay stub has been modified for employees to print and use for documentation purpose. Changes made in Banner to support the pay stub enhancements are documented in this guide. Please refer to the *Employee Self-Service 8.6 Release Guide* for more information on the web portion of the enhancement.

# 1 Salary Planner Functional

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This section documents the functional changes made to Salary Planner for Position Budgets and Employee Jobs in Banner Human Resource 8.6 release.

## Overview

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The Salary Planner option enables employees to view and update information related to extracted data on Position Budgets and/or Employee Job Salaries. See *Chapter 8 Interfaces* for general information on related Salary Planner interfaces. This option is covered in detail in the *Salary Planner Handbook*. This satisfies RPE 1-SFNHRW.

Salary changes and position budget changes may be uploaded from an Excel spreadsheet into Banner's Salary Planner system using the Upload to Salary Planner (NBPUPSP) process in Banner. Up to four Job Change Reasons and Salary Change Amounts may be processed for each employee's job with this enhancement. One Change Amount may be processed per Position Budget. The data in the file being loaded must be in the unique format specified for Position data and/or Salary data as identified in the Process Flow below. See the *Banner Human Resources User Guide*, Reports Chapter, for more information on the Upload to Salary Planner Process (NBPUPSP).

The upload will populate the Change Reason and Amount field for those employees on a job step zero and will be applied to the Annual Salary, whether hourly or salaried. Only salary and/or position budget Change Amounts will be uploaded, not percents.

 **Note**

Every record in the spreadsheet will be reviewed. If you do not wish changes to occur to the existing record in Salary Planner, remove the entire record line from the .txt file before uploading. If the Position spreadsheet record has null values for Change Amount, or the Job spreadsheet has null values for both Change Reason and Change Amount, an error will be returned on that record and no processing will occur. Processing is based on the following logic. ■

## Position upload

Any Position record within the Spreadsheet will be processed to:

1. Review for format error.
2. If record format acceptable, update the Salary Planner record Change Percent and Amount to null.
3. Evaluate the spreadsheet record for a Change Amount greater than zero and if so, update the new value into the Salary Planner record;



### Note

When evaluating the spreadsheet record, if the Change Amount is null or equal to zero, no new update from the spreadsheet will be processed for that record in Salary Planner. ■

## Job upload

Any employee job record on Step 0 included in the Spreadsheet will be processed to:

1. Review for format error.
2. If record format acceptable, delete existing Salary Planner Change Reason and Amounts.
3. Evaluate the spreadsheet record for a Change Amount greater than zero and if so insert the new values into the Salary Planner record.



### Note

When evaluating the spreadsheet record, if the Change Amount is null or equal to zero, no new update from the spreadsheet will be processed for that record in Salary Planner. ■

Examples:

- John Doe, Position 101026-00 exists in the file to be loaded, all Salary Planner increase amounts will be updated/deleted for John Doe, Position 101026-00 prior to inserting the records from the file.
- Steve Smith exists in Salary Planner but NOT in the upload file, his records will not be deleted or changed during the upload process.

The salary upload process will match employees using the Banner ID.

Only the Position Change Amount and/or Job Change Reason and Amount will be uploaded. Therefore, any and all other values are not supported with this upload enhancement: e.g. FTE, APPT%, hrs per pay, hrs per day, default hours, factor and pays, job labor distribution or position labor distribution percent, etc.

The file to be uploaded must be in .txt format and be moved into the Banner system directory.

## Process flow

### Format position change amount file

1. Use the new Download Data for **Upload File** button on the List By Position page within Salary Planner.
2. Name and Save the downloaded file with a .txt extension.
3. Open Excel program and open file.
4. In the text import wizard, select **Delimited** file.
5. Click **Next**.
6. Set the **Text Qualifier** to *None*.
7. Click **Next**.
8. Select the **Position** Column.
9. Change the **Column Data** format to *Text* (Repeat this step for any other columns that need specific formatting).
10. Select **Finish**.
11. Use Sum feature or enter a formula for Budget Proposed fields to add Budget to Change Amount.
12. Enter desired Change Reasons and Amounts by updating the file as necessary.
13. Save the file in .txt format.

14. When finished making changes and ready to upload file, delete Row 1 (column headings).
15. FTP or copy the .txt file to the data\_home directory for Banner (consult with your IT department on this step).
16. Run the Upload to Salary Planner Process (NBPUPSP) for File Type 'Position'.
17. Review report and the data online on the Salary Planner Web pages.

## Format job change amounts file

1. Use the new Download Data for **Upload File** button on the List By Employee page within Salary Planner.
2. Name and Save the downloaded file with a .txt extension.
3. Open Excel program and open file.
4. In the text import wizard, select **Delimited** file.
5. Click **Next**.
6. Set the **Text Qualifier** to 'None'.
7. Click **Next**.
8. Select the **Employee ID** Column.
9. Change the **Column Data** format to *Text* (Repeat this step for any other columns that need specific formatting).
10. Select **Finish**.
11. Use Sum feature or enter a formula for Budget Proposed fields to add Budget to Change Amount.
12. Enter desired Change Reasons and Amounts by updating the file as necessary
13. Save the file in .txt format
14. When finished making changes and ready to upload file, delete Row 1 (column headings)
15. FTP or copy the .txt file to the data\_home directory for Banner (consult with your IT department on this step)

16. Run the Upload to Salary Planner Process (NBPUPSP) for File Type 'Job.

17. Review report and the data online on the Salary Planner Web pages.

 **Note**

Note that spreadsheets may treat any field with a leading zero as a number and drop the leading zero. This could affect the display of several types of values, and may have more significant impact if any Organization or FOAPAL codes begin with a leading zero. ■

## New processes

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The following process has been created for this enhancement.

### Upload to Salary Planner (NBPUPSP)

The Upload to Salary Planner process will read a `tab delimited' file of Salary or Position Budget change amounts and load the Salary Planner module. The process will load Change Amounts and produce a report based on the File Type:

File Type	Processing
-----------	------------

**Job** When a File Type of Job is selected, the process will load the Salary Planner Change Table [NBRSAALC] that holds the change amounts for each Job Change Reason for each Employee (JCRE). A maximum of four Change Reasons and associated Change Amounts may be used. Once the individual salary change amounts (e.g. Merit, Across the Board, etc.) are loaded, the process will recalculate the employee's Proposed Annual Salary by adding the change amounts to the Base Salary. The process will also calculate the new hourly rate and new Estimated Fiscal Year Budget for the employee's job. The process will use the same calculation steps performed by the web page when data is entered manually.

A report will be generated by the upload process showing the individual salary increase amounts, the new calculated Proposed Hourly Rate and Annual Salary, Totals by JCRE Code, and a Grand Total plus total records successfully loaded.

**Note:** Labor Distribution amounts are not stored in Salary Planner but are calculated online dynamically by the Job Labor Distribution web page.

**Position** When a File Type of Position is selected, the process will load the Extracted Position Salary Planner Table (NBREPSA\_CHANGE\_AMOUNT) with the change amount from the file. Once the change amounts are loaded the process will calculate the percentage increase and Proposed Budget and update the Extracted Positions Table (NBREPSA\_CHANGE\_PERCENT) and (NBREPSA\_BUDGET\_PROPOSED). The process will also calculate the new proposed budget for each FOAPAL and update the Extracted Position Labor Distribution Salary Planner Table (NBREPLD\_BUDGET\_PROPOSED).

The process will update the NBREPSA\_RECORD\_STATUS and NBREPLD\_RECORD\_STATUS to 'C' after updating the tables. Positions with null change amounts will be skipped. The process will not set the Change Indicator on these employees to 'C' and they will not be included in the record count at the end of the report.

If there are any errors during the load, the file can be fixed and reloaded, or the records can be created or fixed manually in Salary Planner. If a file is reloaded, records within the upload file will be recreated.

Parameter	Name	Description/Values	Required?	Validation
1	File Type	Identify file type to be uploaded (J)ob or (P)osition	Required	None
2	Filename	Enter the name of the file including extension	Required	None

Parameter	Name	Description/Values	Required?	Validation
3	Extract ID	Enter the Extract ID to be loaded	Required	NTRSPEX
4	Scenario	Enter the Scenario to be loaded	Required	NBREHDR Salary Planner Extract Header Table

### Report layout

The report output will be sorted by employee Last Name, First Name or Position, respectively. Users may utilize the Employee Search Filter to locate employee job records in Salary Planner and verify uploaded changes to the report.

Process Error	Cause
Aborting job. Cannot open file:	Filename does not exist
Human Resources system must be installed to run this process.	

Job Upload Errors	Cause
Change Amount is null	There is a valid Change Reason, but the Change Amount is null.
Change Amount must be a numeric value.	Change amount is not a numeric value.
Duplicate Job Change Reason Codes	Duplicate Job Change Reason Codes exist in the same data record.
Employee Job Step not equal to 0	Employee's job step is not equal to zero.
Employee or Job does not exist for the Extract ID, Scenario and Position	Employee or job does not exist in the NBREJOB table OR the employee's annual salary is null in the NBREJOB table.
No matching ID found on PPAIDEN	ID does not exist in the SPRIDEN table.
One or more Job Change Reason Codes are invalid or missing Display number	A Change Reason Code does not exist OR a Change Reason Code Web Display Priority is not defined on PTRJCRE.
Print the invalid data record in the .log file	Verify the Filename is correct for the File Type selected OR the delimiter count is not equal to 14.

Position Upload Errors	Cause
Change Amount is null.	Change amount is null.
Change Amount must be a numeric value.	Change amount is not a numeric value.
Multiple records were found that match this position in Salary Planner	Position has multiple records in the NBREPSA table with different effective dates.
No matching position found in Salary Planner	Position does not exist in the Extracted Position table.
Print the invalid data record in the .log file	Verify the Filename is correct for the File Type selected OR the delimiter count is not equal to 3.

# 2 PEIESUM Form Functional



This section documents the functional changes made to the Employee Summary View Form (PEIESUM) in Banner Human Resource 8.6 release. This satisfies RPE 1-IC0BMF.

## Overview



The Employee Summary View Form (PEIESUM) was provided in Banner HR 8.4. It was a Community Source Initiative enhancement submitted by the University of Illinois. The PEIESUM includes a tab for Faculty information, but with the 8.4 release it only displayed details for the Faculty member if the institution tracked their Faculty details by Position/Suffix. With 8.6, PEIESUM will now display details for Faculty members if the institution tracks their Faculty by Employee or Organization.

Faculty records can be tracked by Position and Suffix, Organization, or Faculty Member, based upon the system option located on the Faculty tab of PTRINST. The current PEIESUM form only accommodates display of data when using the Position and Suffix setting. Therefore, the display of the Faculty Information tab has been changed to reflect the query needs of the other two methods, Faculty Member and Organization.



### Note

If Faculty records have been maintained on PEAFACT, the data will display appropriately on PEIESUM. Do not change the Faculty Tracking method, once records have been inserted and approved. The system determines the data storage technique and record display characteristics based upon this setting. ■

## Data tracking by faculty member

A new section has been created to display the academic title and primary discipline of the faculty on the faculty tab. A new procedure has been created to show/hide the new section based on the global faculty indicator. It is visible if the global faculty indicator is set to Faculty Member and the cursor is in one of the three blocks: Appointment, Faculty Leave, or Rank.

The data tracking by faculty member would just change the query so that there are no Position/Suffix items in the keys for those faculty records. The form will only need the query date from the key block to find the necessary records to be displayed. It will query much the same way as Faculty Information Inquiry (PEIFACT) form.



Two new fields have been added to the Faculty Information Tab, Academic Title and Primary Discipline. These new fields display when the institution chooses to track Faculty Actions by Faculty Member.

## Data tracking by organization

Two new fields have been added to the Faculty Information Tab, Chart of Accounts and Organization. These new fields display when the institution chooses to track Faculty Actions by Organization.

# 3 Pay Stub Functional

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This section documents the functional changes made to Banner HR to support the Web Based Pay Stub in the Banner HR 8.6 Release. This enhancement satisfies these RPEs: CMS-RPE37080, 1-BWS8UH, 1-41TMBU, and 1-3I4MBX.

## Overview

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The Self-Service pay stub has been enhanced to display more detailed information about each pay event and to allow the employee to print and use it for documentation purposes. The major enhancements to the pay stub include:

- The ability for each institution to select the address type to be displayed on the pay stub.
- The ability to include the Banner ID and/or masked SSN on the pay stub.
- The ability to print a *printer-friendly* version of the pay stub.
- The ability to see which benefits/deductions were Pre-Tax and Post-Tax.
- The ability to display Non-Cash Earnings in a separate section
- The ability to see earnings and deductions that add to Federal Taxable Gross.
- The ability to display Year to Date totals for earnings and benefits & deductions.
- The ability to display employer contribution amounts.
- The ability to display Position Number and/or Job Title associated with earnings.

This section discusses the following topics:

- [“New form” on page 20](#)
- [“Changed forms” on page 21”](#)

Please refer to the *Employee Self Service 8.6 Release Guide and the Employee Self Service 8.6 User Guide* for more information.

## New form

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The following new form has been added for this enhancement.

### Web Based Pay Stub Rules Form (PTRWSTB)

The new Web Based Pay Stub Rules Form (PTRWSTB) has been added to allow the institution to control information displayed on the Web Based Pay Stub.

<b>Field</b>	<b>Description</b>
Display Banner ID	When checked, displays the Banner ID on the web based pay stub.
Label for ID	This entry is used as the label for the ID field on the web based pay stub.
Display SSN/SIN/TIN	When checked, displays the SSN/SIN/TIN on the web based pay stub.
Label for SSN/SIN/TIN	This entry is used as the label for the SSN/SIN/TIN field on the web based pay stub.
Display Name	When checked, displays the employee name from PPAIDEN on the web based pay stub.
Display Address	When checked, displays the employee address on the web based pay stub.
Display Pay ID and Pay Number	When checked, displays the pay ID and pay number on the web based pay stub.
Display Pay Period Start and End Date	When checked, displays the pay period start and end date on the web based pay stub.
Display Check and Direct Deposit Information	When checked, displays the check and direct deposit information on the web based pay stub.
Display YTD Earning and Deduction Amounts	When checked, displays the YTD earning and deduction amounts on the web based pay stub.

### Earnings

<b>Field</b>	<b>Description</b>
Display Position-Suffix Codes	When checked, displays the position-suffix code associated with the employee's earnings on the web based pay stub.
Display Job Titles	When checked, displays the job title associated with the employee's earnings on the web based pay stub.

## Benefits and Deductions

Field	Description
Display Employer Deduction Amounts	When checked, displays the employer deduction amount (contributions) on the web based pay stub for all benefits/ deductions.
Display Federal and State withholding selections	When checked, displays the employee's withholding elections (Filing Status, Number of Exemptions, Additional withholding amounts) for both federal and state taxes.

## Changed forms

The following forms have been changed for this release:

- [“Earnings Code Rule Form \(PTREARN\)” on page 21](#)
- [“Benefits and Deductions Rule Form \(PTRBDCA\)” on page 21](#)

### Earnings Code Rule Form (PTREARN)

The **Display on Web Pay Stub** check box has been added to the main window. When checked, earnings associated with the earn code will display on the employee's web based pay stub.

The field name '**Display on Web**' was changed to '**Display Earnings History on Web**' to more accurately reflect that the indicator controls the display of earnings on the Earnings History web page. The functionality associated with the indicator has not changed.

### Benefits and Deductions Rule Form (PTRBDCA)

The **Display on Web Pay Stub** check box has been added to the main window. When checked, benefits/deductions associated with the benefit/deduction code will display on the employee's web based pay stub.



# 4 Pay Stub Technical

This section documents the tables, APIs, seed data, and script changes made in Web Based Pay Stub for Banner Human Resource 8.6.

This section discusses the following topics:

- [“New table” on page 23](#)
- [“Changed tables” on page 24](#)
- [“New APIs” on page 25](#)
- [“New scripts” on page 25](#)
- [“Changed scripts” on page 26](#)
- [“New seed data” on page 27](#)

## New table

The following new table has been added for this release.

### Web Based Pay Stub Rule Table (PTRWSTB)

The Web Based Pay Stub Rule Table (PTRWSTB) has been added to the Pay Stub enhancement.

Column	Format	Null/Not Null
PTRWSTB_CODE	VARCHAR2(10)	NOT NULL
PTRWSTB_DISP_ID_IND	VARCHAR2(1)	NOT NULL
PTRWSTB_DISP_SSN_IND	VARCHAR2(1)	NOT NULL
PTRWSTB_DISP_NAME_IND	VARCHAR2(1)	NOT NULL
PTRWSTB_DISP_ADDRESS_IND	VARCHAR2(1)	NOT NULL
PTRWSTB_DISP_PAY_ID_NUM_IND	VARCHAR2(1)	NOT NULL
PTRWSTB_DISP_PAY_DATES_IND	VARCHAR2(1)	NOT NULL
PTRWSTB_DISP_CHECK_DD_INFO_IND	VARCHAR2(1)	NOT NULL

Column	Format	Null/Not Null
PTRWSTB_DISP_YTD_AMTS_IND	VARCHAR2(1)	NOT NULL
PTRWSTB_DISP_POSN_SUFF_IND	VARCHAR2(1)	
PTRWSTB_DISP_JOB_TITLE_IND	VARCHAR2(1)	
PTRWSTB_DISP_EMPR_AMT_IND	VARCHAR2(1)	
PTRWSTB_DISP_FED_LOCAL_WH_IND	VARCHAR2(1)	
PTRWSTB_ACTIVITY_DATE	DATE	
PTRWSTB_USER_ID	VARCHAR2(30)	
PTRWSTB_DATA_ORIGIN	VARCHAR2(30)	
PTRWSTB_SURROGATE_ID	NUMBER(19)	
PTRWSTB_VERSION	NUMBER(19)	
PTRWSTB_VPDI_CODE	VARCHAR2(6)	
PTRWSTB_ID_LABEL	VARCHAR2(30)	
PTRWSTB_SSN_LABEL	VARCHAR2(30)	

## Changed tables

The following tables have been changed for this release:

- [“Earnings Code Rule Table \(PTREARN\)” on page 24](#)
- [“Benefit/Deduction Calculation Rule Table \(PTRBDCA\)” on page 25](#)

## Earnings Code Rule Table (PTREARN)

The following column is added to the Earnings Code Rule Table (PTREARN)

Column	Format	Null/Not Null
PTREARN_DISP_WEB_PAYSTUB_IND	VARCHAR2(1)	NOT NULL

## Benefit/Deduction Calculation Rule Table (PTRBDCA)

The following column is added to the Benefit/Deduction Calculation Rule Table (PTREARN)

Column	Format	Null/Not Null
PTRBDCA_DISP_WEB_PAYSTUB_IND	VARCHAR2(1)	NOT NULL

## New APIs

The following APIs have been added for HR 8.6 release:

API Object Name	API Entity Name	Associated Packages	Associated Scripts	Associated Table	Affected Forms and Processes
PB_EMP_PAYSTUB	EMP_PAYSTUB	PB_EMP_PAYSTUB	ptkb_emp_paystub0.sql ptkb_emp_paystub1.sql	PTRWSTB	PTRWSTB
		PB_EMP_PAYSTUB_RULES	ptkb_emp_paystub_r0.sql ptkb_emp_paystub_r1.sql		
		PB_EMP_PAYSTUB_STRINGS	ptkb_emp_paystub_s0.sql ptkb_emp_paystub_s1.sql		
		DML_PTRWSTB	ptkd_ptrwstb0.sql ptkd_ptrwstb1.sql		

## New scripts

The following scripts are associated with the new table of the Pay Stub Enhancement.

`ptrwstb_080600_01.sql`

This script creates the table for the Web Based Pay Stub Rules (PTRWSTB).

`ptrwstb_080600_02.sql`

This script creates the primary key for the PTRWSTB table.

`ptrwstb_080600_03.sql`

This script creates column comments for the PTRWSTB table.

## Changed scripts

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The following scripts modify the database tables.

### **ptrearn\_080600\_01.sql**

This script creates the new column **PTREARN\_DISP\_WEB\_PAYSTUB\_IND** on the PTREARN table.

### **ptrearn\_080600\_02.sql**

This script updates the existing rows for the new column with a default value of 'Y'.

### **ptrearn\_080600\_03.sql**

This script adds a not null constraint on the new column.

### **ptrearn\_080600\_04.sql**

This script creates column comments for the new column.

### **ptrbdca\_080600\_01.sql**

This script creates the new column **PTRBDCA\_DISP\_WEB\_PAYSTUB\_IND** on the PTRBDCA table.

### **ptrbdca\_080600\_02.sql**

This script updates the existing rows for the new column with a default value of 'Y'.

### **ptrbdca\_080600\_03.sql**

This script adds a not null constraint on the new column.

### **ptrbdca\_080600\_04.sql**

This script creates column comments for the new column.

## New seed data

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The following seed data has been added for the 8.6 release.

### **pgurmesgi\_080600.sql**

This script inserts new API messages to the GURMESG table.

### **ptrwstbi\_080600.sql**

This script inserts a set of display controls for the Web Pay Stub to the PTRWSTB table.

<b>Column</b>	<b>Value</b>
ptrwstb_code	WEBPAYSTUB
ptrwstb_disp_id_ind	Y
ptrwstb_disp_ssn_ind	Y
ptrwstb_disp_name_ind	Y
ptrwstb_disp_address_ind	Y
ptrwstb_disp_pay_id_num_ind	N
ptrwstb_disp_pay_dates_ind	Y
ptrwstb_disp_check_dd_info_ind	Y
ptrwstb_disp_ytd_amts_ind	N
ptrwstb_disp_posn_suff_ind	N
ptrwstb_disp_job_title_ind	Y
ptrwstb_disp_empr_amt_ind	Y
ptrwstb_disp_fed_local_wh_ind	N
ptrwstb_activity_date	SYSDATE
ptrwstb_user_id	USER
ptrwstb_data_original	Banner
ptrwstb_surrogate_id	NULL
ptrwstb_version	NULL
ptrwstb_vpdi_code	NULL

Column	Value
ptrwstb_id_label	Banner ID
ptrwstb_ssn_label	SSN/SIN/TIN

 **Note**

These are the initial values to control data to be printed on the online web pay stub. These values can be updated as part of the set up for the Pay Stub enhancement. See *Employee Self Service 8.6 Release Guide / User Guide* for more information on this enhancement. ■

# 5 Miscellaneous Enhancements Technical

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The following section documents the technical changes of the Miscellaneous Enhancements for Human Resources 8.6 release.

The following topics are discussed:

- [“Changed tables” on page 29](#)
- [“Changed scripts” on page 32](#)
- [“New APIs” on page 34](#)

## Changed tables

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The following tables have been changed for this release:

- [“Beneficiary Coverage Repeating Table \(PDRBCOV\)” on page 30](#)
- [“Dependent and Beneficiary Repeating Table \(PDRBENE\)” on page 30](#)
- [“Faculty Load Instructional Assignment Table \(PERFASG\)” on page 30](#)
- [“Faculty Load Course Incremental Compensation Table \(PERFCIN\)” on page 30](#)
- [“Faculty Load Schedule Type Compensation Table \(PERFCSC\)” on page 31](#)
- [“Faculty Load Overload Instructional Compensation Table \(PERFISO\)” on page 31](#)
- [“Payroll Comments Table \(PHRCMNT\)” on page 31](#)
- [“Effort Certification Comments Table \(PHRECCM\)” on page 31](#)
- [“Union Contract Information Table \(PORCONT\)” on page 31](#)
- [“Position Control Installation Rule Table \(NTRINST\)” on page 32](#)



## Beneficiary Coverage Repeating Table (PDRBCOV)

The following column has been added to the PDRBCOV table.

Column	Format	Null/Not Null
PDRBCOV_USER_ID	VARCHAR2(30)	

## Dependent and Beneficiary Repeating Table (PDRBENE)

The following column has been added to PDRBENE table.

Column	Format	Null/Not Null
PDRBENE_USER_ID	VARCHAR2(30)	

## Faculty Load Instructional Assignment Table (PERFASG)

The following columns in Faculty Load Instructional Assignment Table (PERFASG) have been changed to increase the field length.

Column	Format	Null/Not Null
PERFASG_TOTAL_HRS_WEEK	NUMBER(9,3)	NOT NULL
PERFASG_REVISIED_HRS_WEEK	NUMBER(9,3)	

## Faculty Load Course Incremental Compensation Table (PERFCIN)

The following column in PERFCIN table has been changed to increase the field length.

Column	Format	Null/Not Null
PERFCIN_COMP_HRS_WEEK	NUMBER(9,3)	

## Faculty Load Schedule Type Compensation Table (PERFCSC)

The following column in PERFCSC table has been changed to increase the field length.

Column	Format	Null/Not Null
PERFCSC_HRS_WEEK	NUMBER(9,3)	

## Faculty Load Overload Instructional Compensation Table (PERFISO)

The following column in PERFISO table has been changed to increase the field length.

Column	Format	Null/Not Null
PERFISO_COMP_HRS_WEEK	NUMBER(9,3)	

## Payroll Comments Table (PHRCMNT)

The following column has been added to PHRCMNT table.

Column	Format	Null/Not Null
PHRCMNT_EMPLOYEE_PROXY_PIDM	NUMBER(8)	

## Effort Certification Comments Table (PHRECCM)

The following column has been added to PHRECCM table.

Column	Format	Null/Not Null
PHRECCM_EMPLOYEE_PROXY_PIDM	NUMBER(8)	

## Union Contract Information Table (PORCONT)

The following column in PORCONT table has been changed from LONG type to CLOB type.

Column	Format	Null/Not Null
PORCONT_TEXT	CLOB	

## Position Control Installation Rule Table (NTRINST)

The following columns have been added to NTRINST table.

Column	Format	Null/Not Null
NTRINST_EC_MODULE_IND	VARCHAR2(1)	NOT NULL
NTRINST_LR_MODULE_IND	VARCHAR2(1)	NOT NULL

## Changed scripts

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The following scripts modify existing Banner Human Resource tables.

### **pdrbcov\_080600\_01.sql**

This script adds the new column PDRBCOV\_USER\_ID to the PDRBCOV table.

### **pdrbene\_080600\_01.sql**

This script adds the new column PDRBENE\_USER\_ID to the PDRBENE table.

### **perfasg\_080600\_01.sql**

This script increases the field length of the PERFASG\_TOTAL\_HRS\_WEEK and PERFASG\_REVISIED\_HRS\_WEEK fields to NUMBER(9,3) in the PERFASG table.

### **perfcin\_080600\_01.sql**

This script increases the field length of the PERFCIN\_COMP\_HRS\_WEEK field to NUMBER(9,3) in the PERFCIN table.

### **perfcsc\_080600\_01.sql**

This script increases the field length of the PERFCSC\_HRS\_WEEK field to NUMBER(9,3) in the PERFCSC table.

### **perfiso\_080600\_01.sql**

This script increases the field length of the PERFISO\_COMP\_HRS\_WEEK field to NUMBER(9,3) in the PERFISO table.

### **phrcmnt\_080600\_01.sql**

This script adds the new column PHRCMNT\_EMPLOYEE\_PROXY\_PIDM to the PHRCMNT table.

### **phrcmnt\_080600\_02.sql**

This script creates column comments for the new column, PHRCMNT\_EMPLOYEE\_PROXY\_PIDM.

### **phrcmnt\_080600\_03.sql**

This script creates a foreign key constraint FK1\_PHRCMNT\_INV\_PEBEMPL\_KEY for the PHRCMNT table.

### **phreccm\_080600\_01.sql**

This script adds the new column PHRECCM\_EMPLOYEE\_PROXY\_PIDM to the PHRECCM table.

### **phreccm\_080600\_02.sql**

This script creates column comments for the new column, PHRECCM\_EMPLOYEE\_PROXY\_PIDM.

### **phreccm\_080600\_03.sql**

This script creates a foreign key constraint FK2\_PHRECCM\_INV\_PEBEMPL\_KEY for the PHRECCM table.

### **porcont\_080600\_01.sql**

This script drops the Primary key and the Foreign key constraints of the PORCONT table in order to change the LONG type to CLOB type for this column, PORCONT\_TEXT.

### **porcont\_080600\_02.sql**

This script modifies LONG type to CLOB type for the PORCONT\_TEXT column.

### **porcont\_080600\_03.sql**

This script rebuilds the Primary key for PORCONT table.

### **porcont\_080600\_04.sql**

This script rebuilds the Foreign key constraints for PORCONT table.

### **porcont\_080600\_05.sql**

This script adds the new column PORCONT\_DATA\_ORIGIN to the PORCONT table.

### **porcont\_080600\_06.sql**

This script creates column comments for the new column PORCONT\_DATA\_ORIGIN.

### **ntrinst\_080600\_01.sql**

This script adds two new columns NTRINST\_EC\_MODULE\_IND and NTRINST\_LR\_MODULE\_IND to the NTRINST table.

### **ntrinst\_080600\_02.sql**

This script gives the new columns a default value of 'N'.

### **ntrinst\_080600\_03.sql**

This script adds a not null constraint on the new columns.

### **ntrinst\_080600\_04.sql**

This script creates column comments for the new columns.

## New APIs

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The following APIs have been added for HR 8.6 release:

API Entity Name	API Object Name	Associated Packages	Associated Scripts	Associated Table	Affected Objects
UNION_ CONTRACT_ INFO	PB_UNION_ CONTRACT_IN FO	pb_union_ contract_in fo	ptkb_union_cnt_inf0.sql ptkb_union_cnt_inf1.sql	PORCONT	POABARG
		pb_union_ contract_in fo_rules	ptkb_union_cnt_inf_r0.sql ptkb_union_cnt_inf_r1.sql		
		pb_union_ contract_in fo_strings	ptkb_union_cnt_inf_s0.sql ptkb_union_cnt_inf_s1.sql		
		dml_porcont	pokd_porcont0.sql pokd_porcont1.sql		

# 6 RPEs

The following table outlines the RPEs that are addressed in the Banner Human Resource 8.6 release.

RPE#	Description
1-IC0BMF	<p><b>Request:</b> Enhance PEIESUM to display faculty information under any tracking method, instead of just Posn/Suff.</p> <p><b>Resolution:</b> The form now displays faculty information under all tracking methods namely Position/Suffix, Organization and Faculty Member as set on the installation rules form PTRINST.</p>
1-IBU2RC	<p><b>Request:</b> Labor distribution amounts on PHAREDS not matching NHRDIST.</p> <p><b>Resolution:</b> With this enhancement, care has been taken to void exact amounts, as they were originally charged, and to only affect the labor redistribution to the portions of the FOAPAL that have actually changed with the redistribution. Users should no longer experience a mismatch between the labor redistribution created on PHAREDS, PHAADJT, or in the Effort Reporting and Labor Redistribution application. Consequently, the amounts fed to the Finance system after redistribution should also be accurate.</p>
1-I73RQZ	<p><b>Request:</b> Unable to view pebempl column values of the applied epaf if the approval type contains multi tables.</p> <p><b>Resolution:</b> When an EPAF contains an approval category with both employee and jobs data, the user cannot see the employee data on an applied EPAF. With this enhancement, the user can now see all the data in the approval category that contains employee and job data.</p>
1-SFNHRW	<p><b>Request:</b> Need ability to upload salary changes and position budget changes from a spreadsheet into Banner's Salary Planner system.</p> <p><b>Resolution:</b> New NBPUPSP process created to upload .txt files for Position Budgets and Employee Jobs changes to Salary Planner tables. See Salary Planner Handbook for more detailed information as well as Chapter 13 - Reports in the HR User Guide for 8.6</p>
1-8K4GVB	<p><b>Request:</b> Display Proxy name on Self-Service ePAF</p> <p><b>Resolution:</b> When a proxy user or super user acts in place of the original member of the approval queue, the name of the proxy or super user will display with the original approval queue member (Sam Jones, SJ0001 for Libby Thomas), so that anyone viewing the routing queue will know who approved the transaction.</p> <p>This information will display on the routing queue on NOAEPAF and on Self-Service Banner EPAF's.</p>



# 7 Problem Resolutions



The following defects have been resolved in Release 8.6 of Banner Human Resources and Banner Position Control.



## Note

For comprehensive and detailed problem, impact, and resolution information for all defects corrected in this release, refer to the supplemental problem resolutions file (`humres80600resolutions.txt`) delivered along with your release guide. The information in this text file is extracted directly from the Customer Support Center just prior to release of the product and may include additional defects that were resolved after this document was finalized.

## Human Resources

This section lists the problem resolutions included in Release 8.6.

Object	Number	Summary
Documentation	1-5FYLA0	Setup of NTRALVL is not necessary for leave reports.
Documentation	1-B9RJWY	Broken/missing index entries in Banner HR User Guide, version 8.3
Documentation	1-BQOZDO	The User Guide needs to include procedures when selecting benefits for new plan year
Documentation	1-C4F1ND	Interim online help for bannerOH80300humres incorrectly ships wwhsec.html when it should be called
Documentation	1-CPGQK1	The chart on page 8-21 in the User Guide is missing NRA deduction information
Documentation	1-D47H1B	The OnLine help is not correct regarding automatic population of the Coverage End Date
Documentation	1-J0QQVT	Clarify the security information about NSASPSC and remove PSAORGN references

Object	Number	Summary
Documentation	1-ULZH5E	Documentation for Combined Limit Deduction Set up is not clearly stated.
Documentation	1-XVZFAD	The User Guide needs to include a more clear definition of Disabled employee.
HR forms compile	1-AVSZ07	Banner Payroll Forms will not compile if Finance product not Installed
peiesum.fmb	1-YT86XS	PEIESUM access from menu display extremely slow (>50 minutes)
PHPCALC.pco, PHPTAXS.pco	1-XSLGL7	Puerto Rico tax changes require program changes for Supplementary Payments of wages.
phptime.pc	1-Y82EOR	Error message instructs users to run nbpbudm for encumbrance processing
jobsub scripts for phpchek.pc, phpchk1.pc	1-Y0BVBC	Parameter help refers to wrong parameter.
multiple	1-KGBJG6	LONG data type convert to CLOB.
multiple	1-ETK66M	UTF-8 to Ascii Conversion not working for pxpw209 or pxpmt42
pdabcov.fmb	1-O7WT8J	PDABCOV generates CHECK_DEDN_TYPE error when the deduction type is a character rather than numeric.
pdabcov.fmb	1-RPQIZF	The PDABCOV form SDE functionality fails after Payroll 8.4 upgrade.
pdadedn.fmb	1-OOYHJV	Issue with navigation on PDADEDN
pdadedn.fmb	1-PGSW9T	When entering a new effective date, the value in the Reference field is not copied forward.
pdadedn.fmb, poqlibr.fmb	1-KE1P9F	PTRBREA deduction change type indicator 'other' does not display in PDADEDN correctly.
peafded.fmb, pdpflex.pc, pdkb_dedn_detail_s0.s ql	1-UJIRSO	Not using correct Last Paid Date logic.
peiesum.fmb	1-I70FY6	There is a display issue in PEIESUM.

Object	Number	Summary
pekempl.sql , pekempl1.sql	1-BF2594	Incorrect version of pekempl1.sql was delivered with the HR 8.3 upgrade.
pekfasg.sql , pekfasgl.sql	1-SM8J71	PEPFLAC process produces Oracle error when course has over 99 contact hours
pekfasgl.sql	1-W500UB	PEPFLAC returns full term dates instead of part of term dates when GTVDUNT has no values.
pektev1.sql	1-QY99LX	Restart button shouldn't display for timesheets returned for correction when time entry period closed.
pektev1.sql	1-RBZ3MZ	Web Time Entry Return Timesheet Button not setting transaction/routing queue appropriately.
peripds.pc , pekempl1.sql , pxrrboxd_08050008.sql pxrrdedd_08050008 , pxrrernd_08050008.sql , jobsub sql	1-SK5JDV	Please provide support for 2011-2012 IPEDS Winter Data Collection.
phaadjt.fmb	1-BMA26V	When information is added to an existing comment in PHAADJT, the information is not saved.
phaadjt.fmb , phareds.fmb , poklibs.sql , poklibl.sql	1-ESA347	Clearform rollback navigation blanks out information in the key block.
phareds.fmb	1-H2D3OH	Payroll numbers in PHAREDS not displaying in order.
phkfm1a1.sql	1-BPSG15	Partial pay events are not imported on the Leave Usage tab.
phkreds1.sql	1-N3C270	Not all pay events in a redistribution pay range get submitted or display properly
PHPCALC.pco	1-CHWKEI	PHPCALC stores an incorrect rate (wrong decimal precision) for earn codes with the earn type of OV.
PHPCALC.pco	CMS- DFCT104229	When FLSA leave is being accrued, a PHPCALC recalculation will add to PHRACCR_CURR_ACCR amount.

Object	Number	Summary
PHPCALC.pco	CMS-DFCT85464	Employees With More Than 25 Earnings Cause PHPCALC.pco to calculate Zero Gross/Net Amounts.
PHPCALC.pco, PHPFEXP.pco	1-EM1WO7	ORA-01017 and ORA-03114 running PHPCALC with user name of 21 characters or more.
PHPCALC.pco, PHPFEXP.pco	1-1EQ009	Vertical line spacing missing on linux platform.
phpchek.pc, phpchk1.pc	1-BDYRK1	ICU change required to run check printing in languages other than English
phpdir.pc	1-IHJRGK	PHPDIRD produces an erroneous error message
phpdir.pc, phpcdir.pc, pokpval.sql	CMS-DFCT104156	The selection of the bank code from NTRFINI should not depend on which fiscal year
phpecex.jar, phpecex.pl	1-F0IJA6	Windows phpecex.pl 8.3.0.6 version contains unneeded debug line causing extra output in the log file
phpecex.shl, perv100.shl, job submission script.	1-RQIXDT	Running Banner Java programs from GJAPCTL can expose the Banner user id and password to the command
phpmtim.pc	1-16LKE0	PHPMTIM not correctly inserting FLSA hours breakdown in a pay period that crosses fiscal year.
phpupdt.pc	1-5GLPYI	Gift record may not be created by PHPUPDT when the final payment is made on a pledge.
phvertime.sql	1-UZVUSN	Performance issues when approving time sheets in bwpktais.P_SelectTimeSheetRoll
poiden.fmb	1-B2UQ5V	Inconsistent results when searching for names that include Accented Characters
ppacert.fmb	1-IHI0JJ	SDE data does not change when scrolling through records on PPACERT
ptrexam.fmb	1-I52TFX	PTREXAM- SDE does not change when scrolling through records

Object	Number	Summary
ptrjcre.fmb	1-J4UXYD	ORA-00001: unique constraint (PAYROLL.PTRJCRE_KEY_INDEX) violated => working correctly.
ptrjcre.fmb, ptvorgn.fmb	1-PC1KNB	Cannot assign unique SDE attributes to unique PTRJCRE/PTVORGN records
prrrank.fmb	1-GZF530	Alpha characters on PTVRANK cause an ORA-01722 error on PTRRANK
pdabene.fmb	1-HRYD10	On PDABENE form, client can no longer use their 'X' relationship code.
pdadedn.fmb	1-4JD08I	Form doesn't allow repopulating the base end date with a value less than the last paid date.
pdadedn.fmb	1-NTMNFZ	Saving an add or replace amount on pdadedn does not insert a perdhis record.
pdklif1.sql, pdplife.pc	1-QHD3OD	The wrong year being used to calculate the W-2 Gross for calc rule 51 life insurance deductions
pdplife.pc, pdklif1.sql	1-L9WI7G	PDPLIFE is not producing error list in .LIS file even though process indicates there are errors.
pdplife.pc, pdrlife.pc	1-AYKYE5	Future terminating jobs and deductions causes pdplife to use old rates for life insurance
pdplife.pc, pdrlife.pc	1-PNQCOC	Life insurance deductions with a term date equal to PDPLIFE Eff Date parm not picked by PDPLIFE.
peapcre.fmb	1-EZ54VR	I18N issue - hardcoded date I18N issue - hardcoded date
pekfasgl.sql	1-L88E0Z	Package PEKfasG invalid after HR 8.4 upgrade on banner without student module
pektecl.sql	1-CBVDHL	May not be able to enter time on first day of pay period if employee is terminated on that day
pektee1.sql, phptime.pc	1-LEAHM	Employee with JOB effective date that is equal to pay period end date is not displaying on web time entry.
pepflac.pc, pekfasgl.sql	1-HK35FA	PEPFLAC error occurs when running with add parameter

Object	Number	Summary
pepflac.pc, pekfasgl.sql	1-KW5CRQ	PEPFLAC should check for all Primary Job conflicts/Creating zero compensation record.
pgurmenui_8050006.sql	1-SV042W	*SECURITY menu on the main menu screen gets deleted after the HR 8.4 upgrade
phahour.fmb	1-HDFWYN	PHAHOUR is setting a disp 70 record back to disp 20
PHPCALC.pco, PHPTAXS.pco, EXPVRFY.pco	1-U3DEDD	Provide COBOL program changes for Connecticut tax table changes.
phpcdir.pc	1-6M709R	VMS PHPCDIR 8.2 errors with SYSTEM-F-ACCPIO on ustring u_strcpy_3_6 call_utf8_to_ascii
phpchk1.pc	1-BDD1SH	For international addresses, the city doesn't print when State and Zip/Postal Code fields are blank.
phpchk1.pc, phpchk2.pc, pefbank.sql, pekleal.sql	CMS- DFCT88799	Leave balances printed on the check are not correct.
phpdir.pc	1-OALR3L	VMS PHPDIRD 8.2 errors with SYSTEM-F-ACCPIO on ustring u_strcpy_3_6 call_utf8_to_ascii
phpmtim.pc	1-B8HDU5	PHPMTIM does not correctly zero out Time Distribution Hours and Percentages.
pokfltr.sql, pokflt1.sql, pkxtax1.sql	1-L88E19	Packages become invalid after HR 8.4 upgrade on Banner without student and self service
ptrdfpr.fmb	1-BR3FUX	PTRDFPR will not allow the number of pays to be expressed in a decimal value.
ptrecls.fmb	1-PY13ZF	May be unable to remove earnings from the eligible earnings window
pxaascd.fmb	1-A8L12J	Problem with the FMX. PXAASCD 7.2.10
pxrp941.pc, pxrrboxi_08050002.sql	1-PL7JDC	PXRP941 needs to be updated to include 2011 changes to 941 reporting

Object	Number	Summary
PTRFLCT	1-Z73FJE	Online help documentation defect on PTRFLCT.
Documentation	1-UZISI0	Check Date as interface date is ignored by PHPFEXP for fiscal year crossover payroll. Doc issue.
paycmplc	1-YN5Y8B	Compiling phpdird with paycmplc fails with PCC-S-02345 SQLCHECK=SEMANTICS must be given when embedded PL-SQL blocks are used.
PHPECEX	1-ZS32ML	Running PHPECEX encounters the following error: Exception in thread "main" java.lang.NullPointerException

## Banner Position Control

This section lists the problem resolutions included in Release 8.6.

Object	Number	Summary
Documentation	1-B1DQBL	NBIPINC requires ban_default_m access to use
nbajobs.fmb	1-2ARB20	Using specific navigation, the form allows the creation of a secondary job without a primary job being present.
nbajobs.fmb, nbkb_job_base_s0.sql 1, nbkb_job_base_s1.sql 1, nbkjenc.sql, nbkjenc1.sql	1-4CWKN5	Form may lock up when position budget availability error is displayed.
nbaposn.fmb, nbapbud.fmb, nbkjobs.sql, nbkjob1.sql	1-KE1PC7	NBAPOSN Allows you to delete a position in certain conditions, leaving a "orphan job" record.
nbi1lhs.fmb	1-HWAEIS	Account Code External does not display in Job Labor Distribution Detail block

Object	Number	Summary
nbkbud1.sql	1-DUIGAT	Faculty rank does not display in Base Job information
nbkbud1.sql	1-N8W22N	The Add/Delete process is incorrectly updating Salary Planner with default hours changes.
nbkd2s1.sql	1-CQK67D	NTRSPEX Error -- Date Entered is outside of Fiscal Year-generated only on additional entry.
nbkencm1.sql	1-BJC1LB	Job records may not encumber at the start of fiscal year
nbpbudm.pc, nbkencm1.sql	1-Q6TYP7	NBPBUDM will double and or triple fringe budgets in certain situations.
nbpenm.pc	1-QY1DUR	The client is unable to run NBPENCM in process mode
nbrfoap.pc	1-NYBDHH	8.5 version of nbrfoap.pc will not compile if Payroll is not installed.
nhidist.fmb, nhiedst.fmb, ntrelaq.fmb, ntrelrq.fmb, ntrqprt.fmb	1-IFR28X	Banner Position Control will not compile if Finance product not Installed
noaepaf.fmb	1-F77KPV	NOAEPAF does not display values from peaempl data, if an EPAF is originated in self service.
nokedit1.sql	1-BUGDUY	Apply of EPAF with biographical data nulls out fields on spbpers.
nokedit1.sql	1-HK35SK	Unable to end jobs and terminate employment by EPAF when the approval type contains both PEAEMPL and NBAJOBS.
nokedit1.sql, nokep1.sql, noaepaf.fmb	1-FU058Q	The web page requires the entered zip code to exist on GTVZIPC.
nokmup1.sql, nokedit1.sql, nokedit0.sql	1-FJZ1GT	Defer adjustment is created in error

Object	Number	Summary
nokorgnl.sql	1-BGG0HR	Banner HR poor performance with Salary Planner loading extract.
noploae.sql	1-KKE7XI	*ERROR* Unable to complete edit execution (Oracle Error -6511) is encountered on EPAF submission.
ntracat.fmb	1-RYB78Q	NTRACAT needs to allow a default value of 'P' for None (payroll) in the Leave Report Method field.
ntvacat.fmb	1-G4OX5A	Duplicate sequence number error on NTVACAT gets generated when making changes to descriptions.
nokb_ea_comments 0.sql, nokb_ea_comments 1.sql, nokepcr.sql, nokepcl.sql, noaepaf.fmb, nnorcmntd_080500 02.sql	1-24BEBN	Deleting an EPAF on noaepaf creates orphan norcmnt records.

The logo for Sungard Higher Education is a horizontal rectangle. The left portion is black with the word "SUNGARD" in white, bold, uppercase letters. The right portion is a solid blue color with the words "HIGHER EDUCATION" in white, uppercase letters. Below the entire rectangle is a thin, multi-colored horizontal bar with a repeating pattern of small, vertical stripes in various colors including blue, green, yellow, and red.

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