

Banner
Release Notes
Release 8.1
October 2008



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Prepared For

Position Control 8.1
Human Resources 8.1

Revision History Log**Publication Date Summary**

October 2008	New version that supports Banner 8.1 software.
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The Release Notes provides a overview of the functional enhancements, online help updates, supporting documentation enhancements, and problem resolutions delivered with Release 8.1. This document provides a detailed list of all technical changes and made to the following products:

- Human Resources 8.1
- Position Control 8.1

With this product release, all relevant documentation artifacts such as manuals and handbooks have been updated and are available for download from the Documentation & Download Center of SunGard Higher Education's Customer Support Center. Please refer to page [15](#) for a list of all documentation changes made to the contents of relevant manuals and online help in this release.

System Requirements

The following releases must be installed to upgrade to Release 8.1 for each product.

For Position Control 8.1

To install Position Control 8.1, install the following product releases:

- Minimum Banner General 8.1
- Minimum Banner Position Control 8.0

For Human Resources 8.1

To install Human Resources 8.1, install the following product releases:

- Minimum Banner General 8.1
- Minimum Banner Position Control 8.1
- Minimum Banner Human Resources 8.0

Functional Enhancements

Release 8.1 has added new functionality to Employee Self-Service in two significant areas:

- Effort Reporting
- Labor Redistribution.

These enhancements have resulted in functional and technical changes to Banner Human Resources, Position Control, Finance, and Employee Self-Service. A brief functional overview of each enhancement has been provided below.

Effort Reporting

Effort Reporting is a federally mandated process wherein your institution is required to certify that the salary charged to sponsored projects is reasonable in relation to the effort expended on those projects.

The OMB Circular (A-21) requires faculty and staff involved in federally sponsored research to report activities for which they are compensated each academic term, or no less than every six months. Sponsors use these reports to confirm that the effort expended by an individual working on the research matched what the sponsor paid.

Effort Certification is your institution's process for reviewing, validating, and certifying the work effort performed by its faculty and staff in support of sponsored research projects. The entire effort certification process culminates with the creation of a complete effort report.

Therefore, a systematic certification process and formal effort report is essential to ensure that your institution is always prepared to respond to sponsors with the required information.

Current functionality of Banner Human Resources and Position Control allows you to create an effort report using the Effort Report Process (NHRECRT). However, this does not include the ability to define a process flow for your institution by which effort can be certified from multiple sources. To bridge this gap, effort certification functionality in Banner has now been enhanced with the following key capabilities to:

- Define an effort certification (centralized or de-centralized) process specific to your institution.
- Identify specific grants and/or funds for which effort certification reports will be required.
- Extract, view, and route effort certification reports online via Employee Self-Service.

Accordingly, the following Banner products have been modified to utilize existing functionality, and information:

- Finance

Institutions may require effort to be certified for research associated with specific grants, or specific funds that are not associated with grants. Therefore, the following forms in Banner Finance have been modified to identify grants or funds, respectively:

- Grant Maintenance Form (FRAGRNT)
- Fund Maintenance Form (FTMFUND)

The above finance forms must be set up to establish an effort certification process at your site. For detailed form and field descriptions, refer to the online help of Banner Finance, Release 8.1.

- Position Control

To set up security for Effort Reporting, the Position Control Installation Rules Form (NTRINST) has been modified to enable or disable superuser privileges for proxies established for effort reports on Employee Self-Service.

Proxy functionality is an existing feature used by the Electronic Approvals and Time Entry modules. To facilitate the use of this feature across modules, a new SunGard-delivered validation form, Proxy Module Code Validation Form (NTVPRXM), has been created that specifies the modules for which proxy functionality exists. Entries on this validation form must not be modified or deleted unless directed by SunGard Higher Education. However, you can add new values as required for your institution.

The existing form, Electronic Approval Proxy Rules Form (NTRPROX) has been modified to look up NTVPRXM by extending the proxy feature to the effort certification module. For more details refer to the online help of Banner Position Control.

Additionally, the following forms have been developed for effort certification:

- Effort Certification Category Code Validation Form (NTVECCG)
- Routing Queue Participant Code Validation Form (NTVQPRT)
- Effort Certification Category Group Code Rules Form (NTRECCG)
- Queue Participant Rules Form (NTRQPRT)
- Effort Certification and Labor Redistribution Routing Queue Rules Form (NTRELRO)
- Effort Certification and Labor Redistribution Additional Queue Members Form (NTRELAQ)

For detailed form and field descriptions, refer to the online help of Banner Position Control, Release 8.1.

- Human Resources

As a part of the security set up for effort certification, the User Codes Rules Form (PTRUSER) has been modified to include a new **Effort Certification Superuser** role.

Since time entry is also certified on the Web, the **Certification Required on the Web** check box has been renamed as **Time Entry Certification Required in Self-Service** on the Installation Rules Form (PTRINST).

Additionally, the following forms have been developed for effort certification:

- Effort Certification Period Code Validation Form (PTVECPD)
- Effort Certification Period Rules Form (PTRECPD)
- Effort Certification Rules Form (PTRECRT)

For detailed form and field descriptions, refer to the online help of Banner Human Resources, Release 8.1.

A new Effort Certification Extract Process (PHPECEX) has been created to extract data from payroll history tables to build the Effort Certification routing queue, and the effort report.

For more details regarding the extract process, refer to the *Effort Reporting and Labor Redistributions Handbook* and Chapter 13, “Reports and Processes” of the *Banner Human Resources User Guide*.

- Web Tailor

A new Web Tailor role, *Effort Certification Administrator*, has been created to support the Effort Certification module in Employee Self-Service.

- Employee Self-Service

A new interface for Effort Reporting has been created in Employee Self-Service. The Effort Reporting module can be accessed by the following types of users:

- Effort Certification Administrators, who revise, review, and modify effort certification reports as needed. They can also initiate or request a change to the effort report at any point in time during the certification process.
- Employees who review and acknowledge the effort expended on their relevant projects.

For detailed field descriptions and page functionality, refer to the online help of Effort Reporting in Employee Self-Service.

The *Effort Reporting and Labor Redistribution Handbook* provides a detailed procedures on how to implement and use the Effort Reporting module at your site.

Labor Redistributions

Higher Education institutions track and account for the labor costs of their faculty (administrative and non-administrative) each pay period. These labor costs are tracked using the FOAPAL components; Fund, Organization, Account, Program, Activity, and Location. Labor redistribution processing refers to the redistribution of the labor costs charged to these FOAPAL elements in a previous pay period.

Currently, two forms allow you to process labor redistributions in Banner Human Resources:

- Labor Redistribution Form (PHAREDS) and
- Adjustment Processing Form (PHAADJT)

The existing process for labor redistributions is enhanced in the following aspects:

- In Banner Human Resources, you can now only initiate transactions using PHAREDS or PHAADJT.
- All approval functionality for labor redistributions must now be performed in Employee Self-Service only.
- You can also initiate labor redistribution transactions via Employee Self-Service. All self-service users of labor redistributions must be designated as a Labor Redistribution Initiator.

To achieve this objective, a new Labor Redistribution module has been created in Employee Self-Service. For detailed description of the self-service functionality and procedures, refer to the *Effort Reporting and Labor Redistribution Handbook* to implement and use this module at your site.

- Accordingly, a new role has been created in Web Tailor, *Labor Redistribution Initiator*. All self-service users must be assigned this role to access the Labor Redistributions module in Employee Self-Service.
- Approval routing queues for labor redistributions are created via two forms in Banner Position Control:
 - Effort Certification and Labor Redistribution Additional Queue Members Form (NTRELAQ)
 - Effort Certification and Labor Redistribution Routing Queue Rule Form (NTRELRQ)
- As a result of the above changes, the process for labor redistributions has been modified to support the change in procedures. For more details refer to Chapter 6, “Payroll Processes” of the *Banner Human Resources User Guide*.

Obsolete Faculty Information Form (PEAFACD)

The Faculty Information Form (PEAFACD) is obsolete with Release 8.1 of Banner Human Resources. Prior to this, faculty information could be tracked in Banner on two forms - Faculty Information Form (PEAFACD) and Faculty Action Form (PEAFACT). Now faculty information can only be tracked on PEAFACT.

Note

Before installing Banner Human Resources 8.1, it is recommended that institutions migrate their faculty data from PEAFACD to PEAFACT. ■

To migrate existing data from the Faculty Information Form (PEAFACD) to the Faculty Action Tracking Form (PEAFACT) run the script, `PERBFACU.SQL`. This script is located in the payroll misc production directory on UNIX and MICROSOFT WINDOWS platforms. On a VMS platform, this script is located in the payroll com production directory. For more details, refer to Chapter 8, “Tax Administration and Regulatory Reporting” of Banner Human Resources User Guide, 8.1.

Summary of Forms and Report Changes

The following forms and report have been modified for the Effort Reporting and Labor Redistribution enhancements.

Adjustment Processing Form (PHAADJT)

The Adjustment Processing Form (PHAADJT) enables you to complete manual checks and payroll adjustments, including adjustments, voids, and expense redistributions. Two new windows have been added with regard to the effort reporting and labor redistributions enhancements, namely:

- Effort Certification Window

The Effort Certification window displays the Effort Certification Period associated with the pay event entered in the Key block of the Adjustment Processing Form (PHAADJT).

- Routing Window

The Routing window displays the labor redistribution approval queue associated with the pay event entered in the Key block of the Adjustment Processing Form (PHAADJT).

For detailed field descriptions, refer to the online help of Banner Human Resources.

On-Line Time Entry Form (PHAHOUR)

The On-line Time Entry Form (PHAHOUR) enables you to enter an employee's hours for a specified pay period by day, week, payroll, or FLSA period.

Previously, you could redistribute the labor dollars by specifying an alternate distribution from the original distribution. Now, this form has been modified to no longer update the redistribution of a labor distribution whose disposition is equal to or greater than Disposition 48, *Pre-Approve Update*.

Note

PHAHOUR is accessed during the redistribution process while performing an adjustment on PHAADJT. ■

If your institution has established approval queues, at Disposition 48, approval queue members must access Employee Self-Service to perform mandatory actions to approve transactions.

Labor Redistribution Form (PHAREDS)

The Labor Redistribution form can process redistributions for a single pay event or for all pay events in a year/pay number to year/pay number span. For the Effort Reporting enhancement, a new check box, **Effort Certification Locked**, has been added to the Key block of the form.

For detailed field descriptions, refer to the online help of Banner Human Resources.

Attendance Validation Form (PHCATND)

The Attendance Validation Form (PHCATND) enables you to enter a detailed breakdown by day of the exception hours you entered on the On-Line Time Entry Form (PHAHOUR).

This form has been modified to disable updates on a labor distribution event whose disposition is equal to greater than Disposition 48, *Pre-Approve Update*. If your institution has established approval queues, at Disposition 48, approvers must access Employee Self-Service to perform mandatory actions to approve transactions.

History Deductions Form (PHCDEDN)

The History Deductions Form enables you to enter and view deduction codes and amounts. This form cannot be accessed directly. You can access it from either the On-Line Time Entry Form (PHAHOUR) or the Adjustment Processing Form (PHAADJT).

This form has been modified to disable updates on a labor distribution event disposition that is equal to or greater than Disposition 48, *Pre-Approve Update*. If your institution has

established approval queues, at Disposition 48, approval queue members must access Employee Self-Service to perform mandatory actions to approve transactions.

Electronic Approvals of Time Entry Form (PHATIME)

The Electronic Approvals of Time Entry Form (PHATIME) allows departmental time keepers to enter time for groups of employees included within their time sheet organization or department.

As proxies can now be specified for each module of Banner Human Resources, on the Other Modules tab or window of NTRPROX, the Electronic Approvals of Time Entry Form (PHATIME) has been modified to use the *Time Proxy* module code on NTRPROX when time entry superusers set up their proxies for the Time Entry or Leave Reporting modules. This change, however, does not alter the existing functionality of the form.

For detailed field descriptions, refer to the online help of Banner Human Resources, Release 8.1.

Department Approval Summary Form (PHADSUM)

The Department Approval Summary Form (PHADSUM), allows approvers who are part of a routing queue to approve time or leave in Banner Human Resources.

As proxies can now be specified for each module of Banner Human Resources, on the Other Modules tab or window of NTRPROX, the Department Approval Summary Form (PHADSUM) has been modified to use the *Time Proxy* module code on NTRPROX when time entry superusers set up their proxies for the Time Entry or Leave Reporting modules. This change, however, does not alter the existing functionality of the form.

For detailed field descriptions, refer to the online help of Banner Human Resources, Release 8.1.

Web/Department Employee Time Form (PHIETIM)

The Web/Department Employee Time Form (PHIETIM) lists all employees who are part of either self-service time entry, department time entry with approvals, or third party time entry with approvals by pay period and time sheet/leave report/leave request organization.

As proxies can now be specified for each module of Banner Human Resources, on the Other Modules tab or window of NTRPROX, the Web/Department Employee Time Form (PHIETIM) has been modified to use the *Time Proxy* module code on NTRPROX when time entry superusers set up their proxies for the Time Entry or Leave Reporting modules. This change, however, does not alter the existing functionality of the form.

For detailed field descriptions, refer to the online help of Banner Human Resources, Release 8.1.

Employee Distributions Report (NHREDST)

Two report parameters, have been removed. A new Effort Period parameter has been added. All existing report parameters have been renumbered. The labels of report fields and the report layout have been updated to reflect the requirements of the Effort Reporting module.

For more details, refer to Chapter 13, “Reports and Processes” of Banner Human Resources User Guide, 8.1.

Documentation Support

The following documents have been released for Banner Human Resources and Position Control 8.1.

What's New?

The following table provides a list of all *new* documentation artifacts released with Banner Human Resources, Position Control, and Employee Self-Service 8.1

Manual/Help	Chapter	New Topics
Banner Effort Reporting and Labor Redistributions Handbook	A new handbook to setup and implement Effort Reporting and Labor Redistribution in Employee Self-Service.	See manual for more details.
Banner Human Resources User Guide	Chapter 13, “Reports and Processes”	Effort Certification Extract Process (PHPECEX)
Banner Online Help	N/A	Effort Certification Category Code Form (NTVECCG)
	N/A	Routing Queue Participant Code Validation Form (NTVQPRT)
	N/A	Proxy Module Code Validation Form (NTVPRXM)
	N/A	Effort Certification Category Group Rule Form (NTRECCG)

Manual/Help	Chapter	New Topics
	N/A	Queue Participant Rule Form (NTRQPRT)
	N/A	Effort Certification and Labor Redistribution Routing Queue Rule Form (NTRELRO)
	N/A	Effort Certification and Labor Redistribution Additional Queue Members Form (NTRELAQ)
	N/A	Effort Certification Code Validation Form (PTVECPD)
	N/A	Effort Certification Period Rule Form (PTRECPD)
	N/A	Effort Certification Rule Form (PTRECRF)

What Changed?

The following table provides a list of all changes made to *existing* documentation for Banner Human Resources, Position Control, and Employee Self-Service 8.1.

Manual/Help	Chapters	Topics
Banner Human Resources User Guide	Chapter 6, "Payroll Processes"	Payroll Adjustment Procedure - "Redistribute Labor Distributions"
	Chapter 6, "Payroll Processes"	All Labor Redistribution Procedures (Procedure 1 through Procedure 7).
	Chapter 8, "Tax Administration and Regulatory Reporting"	The Faculty Information Form (PEAFACD) is obsolete with Release 8.1. This impacts IPEDS reporting. Documentation has been updated to reflect this change in the topic, "IPEDS Reporting in Banner".

Manual/Help	Chapters	Topics
	Chapter 13, “Reports and Processes”	NHREDST
Banner TRM Supplement	Chapter 2, “Banner Human Resources/Position Control APIs and BPIs”	New APIs and their associated scripts created for the Effort Reporting and Labor Redistribution modules have been included in this chapter.
Banner Middle Tier Implementation Guide		New procedures that describe how to deploy the EAR file for Effort Reporting and Labor Redistributions modules.
Banner Time Entry Handbook	All	All references to NTRPROX have been updated in the handbook.
Banner Human Resources API Documentation	humres80100api.zip	New and modified APIs and BPIs have been added to the existing documentation set. Please download the zip file from the UDC Support Center.
Banner Position Control API Documentation	posnctl80100api.zip	New and modified APIs and BPIs have been added to the existing documentation set. Please download the zip file from the UDC Support Center.
Banner Online Help	N/A	Installation Rules Form (PTRINST)
	N/A	User Code Rules Form (PTRUSER)
	N/A	Electronic Approvals Proxy Rules Form (NTRPROX)
	N/A	Position Control Installation Rules Form (NTRINST)
	N/A	Adjustment Processing Form (PHAADJT)
	N/A	Labor Redistribution Form (PHAREDS)

Manual/Help	Chapters	Topics
	N/A	On-Line Time Entry Form (PHAHOUR)
	N/A	Attendance Validation Form (PHCATND)
	N/A	History Deductions Form (PHCDEDN)
	N/A	Electronic Approvals of Time Entry Form (PHATIME)
	N/A	Department Approval Summary Form (PHADSUM)
	N/A	Web/Department Employee Time Form (PHIETIM)
	N/A	Pay Event List Form (PHILIST)



This section documents the database changes made to Banner Position Control 8.1.

New Tables

The following new tables have been created for the Effort Reporting and Labor Redistributions modules.

Effort Certification Additional Queue Members Rules Table (NTRECAQ)

Database Column	Null?	Data Type
NTRECAQ_ID	NOT NULL	NUMBER(19)
NTRECAQ_COAS_CODE	NOT NULL	VARCHAR2(1 CHAR)
NTRECAQ_ORGN_CODE	NOT NULL	VARCHAR2(6 CHAR)
NTRECAQ_MEMBER_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRECAQ_ALT_CERTIFIER_IND	NOT NULL	VARCHAR2(1 CHAR)
NTRECAQ_GRAD_CERT_REQ_IND	NOT NULL	VARCHAR2(1 CHAR)
NTRECAQ_FTyp_INCL_EXCL_TYPE	NOT NULL	VARCHAR2(1 CHAR)
NTRECAQ_ACTIVITY_DATE	NOT NULL	DATE
NTRECAQ_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRECAQ_PRE_REVIEW_ACTION	NOT NULL	VARCHAR2(1 CHAR)
NTRECAQ_POST_REVIEW_ACTION	NOT NULL	VARCHAR2(1 CHAR)
NTRECAQ_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Category Rules Table (NTRECCG)

Database Column	Null?	Data Type
NTRECCG_ID	NOT NULL	NUMBER(19)
NTRECCG_ECGR_CODE	NOT NULL	VARCHAR2(8 CHAR)
NTRECCG_ECCG_CODE	NOT NULL	VARCHAR2(8 CHAR)
NTRECCG_ACTIVITY_DATE	NOT NULL	DATE
NTRECCG_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRECCG_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Default Queue Rules Table (NTRECDQ)

Database Column	Null?	Data Type
NTRECDQ_ID	NOT NULL	NUMBER(19)
NTRECDQ_NTRQPRT_ID	NOT NULL	NUMBER(19)
NTRECDQ_ALT_CERTIFIER_IND	NOT NULL	VARCHAR2(1 CHAR)
NTRECDQ_GRAD_CERT_REQ_IND	NOT NULL	VARCHAR2(1 CHAR)
NTRECDQ_ACTIVITY_DATE	NOT NULL	DATE
NTRECDQ_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRECDQ_PRE_REVIEW_ACTION	NOT NULL	VARCHAR2(1 CHAR)
NTRECDQ_POST_REVIEW_ACTION	NOT NULL	VARCHAR2(1 CHAR)
NTRECDQ_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Member Fund Types Rules Table (NTRECFT)

Database Column	Null?	Data Type
NTRECFT_ID	NOT NULL	NUMBER(19)
NTRECFT_NTRECAQ_ID	NOT NULL	NUMBER(19)
NTRECFT_FFTP_CODE	NOT NULL	VARCHAR2(2 CHAR)
NTRECFT_ACTIVITY_DATE	NOT NULL	DATE

Database Column	Null?	Data Type
NTRECFT_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRECFT_DATA_ORIGIN		VARCHAR2(30 CHAR)

Labor Redistribution Additional Queue Members Rules Table (NTRLRAQ)

Database Column	Null?	Data Type
NTRLRAQ_ID	NOT NULL	NUMBER(19)
NTRLRAQ_COAS_CODE	NOT NULL	VARCHAR2(1 CHAR)
NTRLRAQ_ORGN_CODE	NOT NULL	VARCHAR2(6 CHAR)
NTRLRAQ_SEQ_NO	NOT NULL	NUMBER(5, 2)
NTRLRAQ_MEMBER_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRLRAQ_MEMBER_ACTION	NOT NULL	VARCHAR2(1 CHAR)
NTRLRAQ_FTyp_INCL_EXCL_TYPE	NOT NULL	VARCHAR2(1 CHAR)
NTRLRAQ_ACTIVITY_DATE	NOT NULL	DATE
NTRLRAQ_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRLRAQ_DATA_ORIGIN		VARCHAR2(30 CHAR)

Labor Redistribution Default Queue Rules Table (NTRLRDQ)

Database Column	Null?	Data Type
NTRLRDQ_ID	NOT NULL	NUMBER(19)
NTRLRDQ_NTRQPRT_ID	NOT NULL	NUMBER(19)
NTRLRDQ_SEQ_NO	NOT NULL	NUMBER(5,2)
NTRLRDQ_GRANTS_ONLY_IND	NOT NULL	VARCHAR2(1 CHAR)
NTRLRDQ_APPROVER_ACTION	NOT NULL	VARCHAR2(1 CHAR)
NTRLRDQ_ACTIVITY_DATE	NOT NULL	DATE
NTRLRDQ_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRLRDQ_ELAPSED_DAYS		NUMBER(3)
NTRLRDQ_DATA_ORIGIN		VARCHAR2(30 CHAR)

Labor Redistribution Member Fund Types Rules Table (NTRLRFT)

Database Column	Null?	Data Type
NTRLRFT_ID	NOT NULL	NUMBER(19)
NTRLRFT_NTRLRAQ_ID	NOT NULL	NUMBER(19)
NTRLRFT_FTYPE_CODE	NOT NULL	VARCHAR2(2 CHAR)
NTRLRFT_ACTIVITY_DATE	NOT NULL	DATE
NTRLRFT_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRLRFT_DATA_ORIGIN		VARCHAR2(30 CHAR)

Proxy Rules Table (NTRPRXY)

Database Column	Null?	Data Type
NTRPRXY_ID	NOT NULL	NUMBER(19)
NTRPRXY_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRPRXY_PROXY_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRPRXY_ACTIVITY_DATE	NOT NULL	DATE
NTRPRXY_DATA_ORIGIN		VARCHAR2(30 CHAR)

Proxy Module Rules Table (NTRPRXM)

Database Column	Null?	Data Type
NTRPRXM_ID	NOT NULL	NUMBER(19)
NTRPRXM_NTRPRXY_ID	NOT NULL	NUMBER(19)
NTRPRXM_PRXM_CODE	NOT NULL	VARCHAR2(8 CHAR)
NTRPRXM_ACTIVITY_DATE	NOT NULL	DATE
NTRPRXM_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRPRXM_DATA_ORIGIN		VARCHAR2(30 CHAR)

Routing Queue Group Rules Table (NTRQGRP)

Database Column	Null?	Data Type
NTRQGRP_ID	NOT NULL	NUMBER(19)
NTRQGRP_NTRQPRT_ID	NOT NULL	NUMBER(19)
NTRQGRP_MEMBER_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRQGRP_ACTIVITY_DATE	NOT NULL	DATE
NTRQGRP_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRQGRP_DATA_ORIGIN		VARCHAR2(30 CHAR)

Routing Queue Participant Rules Table (NTRQPRT)

Database Column	Null?	Data Type
NTRQPRT_ID	NOT NULL	NUMBER(19)
NTRQPRT_COAS_CODE	NOT NULL	VARCHAR2(1 CHAR)
NTRQPRT_QPRT_CODE	NOT NULL	VARCHAR2(8 CHAR)
NTRQPRT_DATA_SOURCE_TYPE	NOT NULL	VARCHAR2(1 CHAR)
NTRQPRT_CATCH_ALL_GROUP_IND	NOT NULL	VARCHAR2(1 CHAR)
NTRQPRT_ACTIVITY_DATE	NOT NULL	DATE
NTRQPRT_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTRQPRT_PERSONNEL_ID		VARCHAR2(3 CHAR)
NTRQPRT_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Category Code Validation Table (NTVECCG)

Database Column	Null?	Data Type
NTVECCG_CODE	NOT NULL	VARCHAR2(8 CHAR)
NTVECCG_DESC	NOT NULL	VARCHAR2(30 CHAR)
NTVECCG_ACTIVITY_DATE	NOT NULL	DATE
NTVECCG_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTVECCG_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Category Group Code Validation Table (NTVECGR)

Database Column	Null?	Data Type
NTVECGR_CODE	NOT NULL	VARCHAR2(8 CHAR)
NTVECGR_DESC	NOT NULL	VARCHAR2(30 CHAR)
NTVECGR_ACTIVITY_DATE	NOT NULL	DATE
NTVECGR_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTVECGR_DATA_ORIGIN		VARCHAR2(30 CHAR)

Proxy Module Code Validation Table (NTVPRXM)

Database Column	Null?	Data Type
NTVPRXM_CODE	NOT NULL	VARCHAR2(8 CHAR)
NTVPRXM_DESC	NOT NULL	VARCHAR2(30 CHAR)
NTVPRXM_ACTIVITY_DATE	NOT NULL	DATE
NTVPRXM_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTVPRXM_DATA_ORIGIN		VARCHAR2(30 CHAR)

Routing Queue Participant Code Validation Table (NTVQPRT)

Database Column	Null?	Data Type
NTVQPRT_CODE	NOT NULL	VARCHAR2(8 CHAR)
NTVQPRT_DESC	NOT NULL	VARCHAR2(30 CHAR)
NTVQPRT_ACTIVITY_DATE	NOT NULL	DATE
NTVQPRT_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
NTVQPRT_DATA_ORIGIN		VARCHAR2(30 CHAR)

Changed Table

The following table has been modified.

Position Control Installation Rule Table (NTRINST)

The following new columns have been added to the NTRINST table.

Database Column	Null?	Data Type
NTRINST_PROXY_EC_SUPERUSER_IND	NOT NULL	VARCHAR2(1 CHAR)
NTRINST_PROXY_LR_SUPERUSER_IND	NOT NULL	VARCHAR2(1 CHAR)
NTRINST_EC_WEBSERVICE_URL		VARCHAR2(256 CHAR)
NTRINST_EC_WEBSERVICE_PASSWORD		VARCHAR2(128 CHAR)

Obsolete Table

Web Time Entry Proxies Table (NTRTPRX)

The Web Time Entry Proxies Table (NTRTPRX) is obsolete.

New Upgrade Scripts

The following new scripts have been delivered.

ndrp_syn_080100.sql

This script drops the obsolete synonym NTRTPRX.

ndrp_ntrtprx_080100.sql

This script drops the obsolete table NTRTPRX.

ndrntvprxm_080100.sql

This is the driver script for updating the NTRPRXM table.

nos_ntrecaq_seq.sql

This script creates a new database sequence, ntrecaq_sequence. This is used to uniquely value the primary key for the NTRECAQ table.

nos_ntreccg_seq.sql

This script creates a new database sequence, ntreccg_sequence. This is used to uniquely value the primary key for the NTRECCG table.

nos_ntrecdq_seq.sql

This script creates a new database sequence, `ntrecdq_sequence`. This is used to uniquely value the primary key for the `NTRCDQ` table.

nos_ntrecft_seq.sql

This script creates a new database sequence, `ntrecft_sequence`. This is used to uniquely value the primary key for the `NTRCFT` table.

nos_ntrlraq_seq.sql

This script creates a new database sequence, `ntrlraq_sequence`. This is used to uniquely value the primary key for the `NTRLRAQ` table.

nos_ntrlrdq_seq.sql

This script creates a new database sequence, `ntrlrdq_sequence`. This is used to uniquely value the primary key for the `NTRLRDQ` table.

nos_ntrlrft_seq.sql

This script creates a new database sequence, `ntrlrft_sequence`. This is used to uniquely value the primary key for the `NTRLRFT` table.

nos_ntrprxm_seq.sql

This script creates a new database sequence, `ntrprxm_sequence`. This is used to uniquely value the primary key for the `NTRPRXM` table.

nos_ntrprxy_seq.sql

This script creates a new database sequence, `ntrprxy_sequence`. This is used to uniquely value the primary key for the `NTRPRXY` table.

nos_ntrqgrp_seq.sql

This script creates a new database sequence, `ntrqgrp_sequence`. This is used to uniquely value the primary key for the `NTRQGRP` table.

nos_ntrqprt_seq.sql

This script creates a new database sequence, `ntrqprt_sequence`. This is used to uniquely value the primary key for the `NTRQprt` table.

ntrecaq_080100_01.sql

This script creates the Effort Certification Additional Queue Members Rules Table (NTRECAQ).

ntrecaq_080100_02.sql

This script creates the primary key, PK_NTRECAQ, for the NTRECAQ table.

ntrecaq_080100_03.sql

This script creates a unique key, UK1_NTRECAQ, for the NTRECAQ table.

ntrecaq_080100_04.sql

This script creates table and column comments for the NTRECAQ table.

ntreccg_080100_01.sql

This script creates the Effort Certification Category Rules Table (NTRECCG).

ntreccg_080100_02.sql

This script creates the primary key, PK_NTRECCG, for the NTRECCG table.

ntreccg_080100_03.sql

This script creates a unique key, UK1_NTRECCG, for the NTRECCG table.

ntreccg_080100_04.sql

This script creates a foreign key, FK1_NTRECCG_INV_NTVECGR_CODE, for the NTRECCG table.

ntreccg_080100_05.sql

This script adds a constraint to the foreign key, FK1_NTRECCG_INV_NTVECGR_CODE, of the NTRECCG table.

ntreccg_080100_06.sql

This script creates column comments for the NTRECCG table.

ntrecdq_080100_01.sql

This script creates the Effort Certification Default Queue Rules Table (NTRECDQ).

ntrecdq_080100_02.sql

This script creates the primary key, PK_NTRECDQ, for the NTRECDQ table.

ntrecdq_080100_03.sql

This script creates a unique key, UK1_NTRECDQ, for the NTRECDQ table.

ntrecdq_080100_04.sql

This script creates a foreign key, FK1_NTRECDQ_INV_NTRQPRT_KEY, for the NTRECDQ table.

ntrecdq_080100_05.sql

This script creates column comments for the NTRECDQ table.

ntrecft_080100_01.sql

This script creates the Effort Certification Member Fund Types Rules Table (NTRECFT).

ntrecft_080100_02.sql

This script creates the primary key, PK_NTRECFT, for the NTRECFT table.

ntrecft_080100_03.sql

This script creates a unique key, UK1_NTRECFT, for the NTRECFT table.

ntrecft_080100_04.sql

This script creates a foreign key, FK1_NTRECFT_INV_NTRECAQ_KEY, for the NTRECFT table.

ntrecft_080100_05.sql

This script creates column comments for the NTRECFT table.

ntrlraq_080100_01.sql

This script creates the NTRLRAQ table.

ntrlraq_080100_02.sql

This script creates the primary key, PK_NTRLRAQ, for the NTRLRAQ table.

ntrlraq_080100_03.sql

This script creates a unique key, UK1_NTRLRAQ, for the NTRLRAQ table.

ntrlraq_080100_04.sql

This script creates column comments for the NTRLRAQ table.

ntrlrdq_080100_01.sql

This script creates the NTRLRDQ table.

ntrlrdq_080100_02.sql

This script creates the primary key, PK_NTRLRDQ, for the NTRLRDQ table.

ntrlrdq_080100_03.sql

This script creates a unique key, UK1_NTRLRDQ, for the NTRLRDQ table.

ntrlrdq_080100_04.sql

This script creates a foreign key, FK1_NTRLRDQ_INV_NTRQPRT_KEY, for the NTRLRDQ table.

ntrlrdq_080100_05.sql

This script creates column comments for the NTRLRDQ table.

ntrlrft_080100_01.sql

This script creates the NTRLRFT table.

ntrlrft_080100_02.sql

This script creates the primary key, PK_NTRLRFT, for the NTRLRFT table.

ntrlrft_080100_03.sql

This script creates a unique key, UK1_NTRLRFT, for the NTRLRFT table.

ntrlrft_080100_04.sql

This script creates a foreign key, FK1_NTRLRFT_INV_NTRLRAQ_KEY, for the NTRLRFT table.

ntrlrft_080100_05.sql

This script creates column comments for the NTRLRFT table.

ntrprxm_080100_01.sql

This script creates the NTRPRXM table.

ntrprxm_080100_02.sql

This script creates the primary key, PK_NTRPRXM, for the NTRPRXM table.

ntrprxm_080100_03.sql

This script creates a unique key, UK1_NTRPRXM, for the NTRPRXM table.

ntrprxm_080100_04.sql

This script creates a foreign key, FK1_NTRPRXM_INV_NTVPRXM_CODE, for the NTRPRXM table.

ntrprxm_080100_05.sql

This script creates a second foreign key, FK1_NTRPRXM_INV_NTRPRXY_KEY, for the NTRPRXM table.

ntrprxm_080100_06.sql

This script creates column comments for the NTRPRXM table.

ntrprxy_080100_01.sql

This script creates the NTRPRXY table.

ntrprxy_080100_02.sql

This script creates the primary key, PK_NTRPRXY, for the NTRPRXY table.

ntrprxy_080100_03.sql

This script creates a unique key, UK1_NTRPRXY, for the NTRPRXY table.

ntrprxy_080100_04.sql

This script creates column comments for the NTRPRXY table.

ntrprxy_080100_05.sql

This script creates a foreign key, FK1_NTRPRXY_INV_GOBEACC_KEY, for the NTRPRXY table.

ntrprxy_080100_06.sql

This script creates a second foreign key, FK2_NTRPRXY_INV_GOBEACC_KEY, for the NTRPRXY table.

ntrqgrp_080100_01.sql

This script creates the NTRQGRP table.

ntrqgrp_080100_02.sql

This script creates the primary key, PK_NTRQGRP, for the NTRQGRP table.

ntrqgrp_080100_03.sql

This script creates a unique key, UK1_NTRQGRP for the NTRQGRP table.

ntrqgrp_080100_04.sql

This script creates a foreign key, FK1_NTRQGRP_INV_NTRQPRT_KEY, for the NTRQGRP table.

ntrqgrp_080100_05.sql

This script creates column comments for the NTRQGRP table.

ntrqpvt_080100_01.sql

This script creates the NTRQPRT table.

ntrqpvt_080100_02.sql

This script creates the primary key, PK_NTRQPRT, for the NTRQPRT table.

ntrqpvt_080100_03.sql

This script creates a unique key, UK1_NTRQPRT for the NTRQPRT table.

ntrqpvt_080100_04.sql

This script creates a foreign key, FK1_NTRQPRT_INV_NTVQPRT_CODE, for the NTRQPRT table.

ntrqpvt_080100_05.sql

This script creates column comments for the NTRQPRT table.

ntveccg_080100_01.sql

This script creates the NTVECCG table.

ntveccg_080100_02.sql

This script creates the primary key, PK_NTVECCG, for the NTVECCG table.

ntveccg_080100_03.sql

This script creates column comments for the NTVECCG table.

ntvecgr_080100_01.sql

This script creates the NTVECGR table.

ntvecgr_080100_02.sql

This script creates the primary key, PK_NTVECGR, for the NTVECGR table.

ntvecgr_080100_03.sql

This script creates column comments for the NTVECGR table.

ntvprxm_080100_01.sql

This script creates the NTVPRXM table.

ntvprxm_080100_02.sql

This script creates the primary key, PK_NTVPRXM, for the NTVPRXM table.

ntvprxm_080100_03.sql

This script creates column comments for the NTVPRXM table.

ntvqprt_080100_01.sql

This script creates the NTVQPRT table.

ntvqprt_080100_02.sql

This script creates the primary key, PK_NTVQPRT, for the NTVQPRT table.

ntvqprt_080100_03.sql

This script creates column comments for the NTVQPRT table.

Changed Upgrade Scripts

The following scripts modify existing Banner Position Control tables.

ntrinst_080100_01.sql

This script adds four new columns, NTRINST_PROXY_EC_SUPERUSER_IND, NTRINST_PROXY_LR_SUPERUSER_IND, NTRINST_EC_WEBSERVICE_URL, and NTRINST_EC_WEBSERVICE_PASSWORD.

ntrinst_080100_02.sql

This script sets the NTRINST_PROXY_EC_SUPERUSER_IND and NTRINST_PROXY_LR_SUPERUSER_IND column values to N.

ntrinst_080100_03.sql

This script sets the NTRINST_PROXY_EC_SUPERUSER_IND and NTRINST_PROXY_LR_SUPERUSER_IND columns as NOT NULL columns.

ntrinst_080100_04.sql

This script creates column comments for all the new columns.

New Conversion Script

The following conversion script has been delivered.

nconvtimeproxydata.sql

The script converts time entry proxy records from the NTRTPRX table and populates data into the Proxy Rules Table (NTRPRXY) and the Proxy Module Rules table (NTRPRXM). When there is an error, the script displays the user ID and the proxy user ID along with the actual error message on which the error has occurred.

New APIs

Several new APIs have been created to support the Effort Reporting and Labor Redistribution enhancements. Refer to the *Banner TRM Supplement* and the *API Reference Guide* of Banner Human Resources and Position Control for Release 8.1. These documents can be downloaded from the Documentation & Download Center of SunGard Higher Education's Customer Support Center.

New Function

The following function is new for Banner Position Control 8.1.

nofqprt.sql

This is a new function, `F_ORDER_BY_QPRT_CODE`, that allows you to sort by non-table based fields in NTRCLRQ form.

Changed Packages

The following packages have been modified for Banner Position Control 8.1.

nokrecs.sql

Type `ntrprxy_rectype` was modified from `ntrtrpx_rectype` to reference the new proxy table NTRPRXY. The data type of parameter for the function `f_ntrprxy_rec` was modified to reference the new proxy table NTRPRXY from NTRTPRX.

nokrec1.sql

Function `f_ntrprxy_rec` was modified to reference the new proxy table NTRPRXY instead of NTRTPRX.

nokuser.sql

This package has been modified to add columns `r_ec_superuser_ind` and `r_lr_superuser_ind` to `nokuser_rectype`.

nokuser1.sql

This package has been modified to add columns `ptruser_ec_superuser_ind` and `ptruser_lr_superuser_ind` to `f_ptruser_rec`.

New Seed Data

The following script adds new seed data.

ntvprxmi_080100.sql

This script adds seed data to the following columns of the NTVPRXM table.

Database Column	Values		
NTVPRXM_CODE	TIME	EFFORT	LABOR
NTVPRXM_DESC	Time Entry	Effort Certification	Labor Redistribution
NTVPRXM_ACTIVITY_DATE	Sysdate	Sysdate	Sysdate
NTVPRXM_USER_ID	User	User	User
NTVPRXM_DATA_ORIGIN	Null	Null	Null





This section documents the database changes made for Banner Human Resources 8.1.

New Tables

The following new tables have been created for the Effort Reporting and Labor Redistributions enhancements.

Payroll Comments Table (PHRCMNT)

Database Column	Null?	Data Type
PHRCMNT_ID	NOT NULL	NUMBER(19)
PHRCMNT_YEAR	NOT NULL	VARCHAR2(4 CHAR)
PHRCMNT_PICT_CODE	NOT NULL	VARCHAR2(2 CHAR)
PHRCMNT_PAYNO	NOT NULL	NUMBER(3)
PHRCMNT_PIDM	NOT NULL	NUMBER(8)
PHRCMNT_SEQ_NO	NOT NULL	NUMBER(2)
PHRCMNT_COMMENT	NOT NULL	VARCHAR2(4000 CHAR)
PHRCMNT_ACTIVITY_DATE	NOT NULL	DATE
PHRCMNT_USER_ID		VARCHAR2(30 CHAR)
PHRCMNT_DATA_ORIGIN		VARCHAR2(30 CHAR)
PHRCMNT_USER_PIDM		NUMBER(8)

Effort Certification Comments Table (PHRECCM)

Database Column	Null?	Data Type
PHRECCM_ID	NOT NULL	NUMBER(19)
PHRECCM_PHRECRT_ID	NOT NULL	NUMBER(19)

Database Column	Null?	Data Type
PHRECCM_COMMENT	NOT NULL	VARCHAR2(4000 CHAR)
PHRECCM_USER_PIDM	NOT NULL	NUMBER(8)
PHRECCM_ACTIVITY_DATE	NOT NULL	TIMESTAMP(6)
PHRECCM_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PHRECCM_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Report Detail Table (PHRECDT)

Database Column	Null?	Data Type
PHRECDT_ID	NOT NULL	NUMBER(19)
PHRECDT_PHRECRD_ID	NOT NULL	NUMBER(19)
PHRECDT_EARN_CODE	NOT NULL	VARCHAR2(3 CHAR)
PHRECDT_EFFECTIVE_DATE	NOT NULL	DATE
PHRECDT_GEN_IND	NOT NULL	CHAR(1 CHAR)
PHRECDT_PAYNO	NOT NULL	NUMBER(10)
PHRECDT_PICT_CODE	NOT NULL	VARCHAR2(2 CHAR)
PHRECDT_POSN	NOT NULL	VARCHAR2(6 CHAR)
PHRECDT_SEQ_NO	NOT NULL	NUMBER(10)
PHRECDT_SHIFT	NOT NULL	VARCHAR2(1 CHAR)
PHRECDT_SUFF	NOT NULL	VARCHAR2(2 CHAR)
PHRECDT_YEAR	NOT NULL	VARCHAR2(4 CHAR)
PHRECDT_PIDM	NOT NULL	NUMBER(8)
PHRECDT_ACTIVITY_DATE	NOT NULL	TIMESTAMP(6)
PHRECDT_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PHRECDT_COAS_CODE	NOT NULL	VARCHAR2(1 CHAR)
PHRECDT_FUND_CODE	NOT NULL	VARCHAR2(6 CHAR)
PHRECDT_ORGN_CODE	NOT NULL	VARCHAR2(6 CHAR)
PHRECDT_ACCT_CODE	NOT NULL	VARCHAR2(6 CHAR)
PHRECDT_PROG_CODE	NOT NULL	VARCHAR2(6 CHAR)

Database Column	Null?	Data Type
PHRECDT_ACTV_CODE		VARCHAR2(6 CHAR)
PHRECDT_LOCN_CODE		VARCHAR2(6 CHAR)
PHRECDT_PROJ_CODE		VARCHAR2(8 CHAR)
PHRECDT_ACCI_CODE		VARCHAR2(6 CHAR)
PHRECDT_GRNT_CODE		VARCHAR2(9 CHAR)
PHRECDT_CTYP_CODE		VARCHAR2(2 CHAR)
PHRECDT_ECCG_CODE		VARCHAR2(8 CHAR)
PHRECDT_REPORT_SECTION		VARCHAR2(1 CHAR)
PHRECDT_CHARGE_TYPE		VARCHAR2(1 CHAR)
PHRECDT_HRS		NUMBER(6,2)
PHRECDT_PERCENT		NUMBER(5,2)
PHRECDT_AMOUNT		NUMBER(17,2)
PHRECDT_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Report Additional Funding Table (PHRECFD)

Database Column	Null?	Data Type
PHRECFD_ID	NOT NULL	NUMBER(19)
PHRECFD_PHRECRD_ID	NOT NULL	NUMBER(19)
PHRECFD_FUND_CODE	NOT NULL	VARCHAR2(6 CHAR)
PHRECFD_ORGN_CODE	NOT NULL	VARCHAR2(6 CHAR)
PHRECFD_GRNT_CODE	NOT NULL	VARCHAR2(9 CHAR)
PHRECFD_PERCENT	NOT NULL	NUMBER(5,2)
PHRECFD_ACTIVITY_DATE	NOT NULL	TIMESTAMP(6)
PHRECFD_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PHRECFD_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Report Routing Queue Table (PHRECRQ)

Database Column	Null?	Data Type
PHRECRQ_ID	NOT NULL	NUMBER(19)
PHRECRQ_PHRECRT_ID	NOT NULL	NUMBER(19)
PHRECRQ_MEMBER_ACTION	NOT NULL	VARCHAR2(5 CHAR)
PHRECRQ_MEMBER_ROLE	NOT NULL	VARCHAR2(1 CHAR)
PHRECRQ_MEMBER_TYPE	NOT NULL	VARCHAR2(1 CHAR)
PHRECRQ_MEMBER_PIDM	NOT NULL	NUMBER(8)
PHRECRQ_USER_SUPERUSER_IND	NOT NULL	CHAR(1 CHAR)
PHRECRQ_MANDATORY_IND	NOT NULL	CHAR(1 CHAR)
PHRECRQ_ACTIVITY_DATE	NOT NULL	TIMESTAMP(6)
PHRECRQ_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PHRECRQ_USER_ACTION		VARCHAR2(5 CHAR)
PHRECRQ_USER_ACTION_DATE		TIMESTAMP(6)
PHRECRQ_USER_PIDM		NUMBER(8)
PHRECRQ_PROXY_PIDM		NUMBER(8)
PHRECRQ_ROUTE_STATUS		VARCHAR2(30 CHAR)
PHRECRQ_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Report Routing Status Change Table (PHRECRS)

Database Column	Null?	Data Type
PHRECRS_ID	NOT NULL	NUMBER(19)
PHRECRS_PHRECRT_ID	NOT NULL	NUMBER(19)
PHRECRS_USER_SUPERUSER_IND	NOT NULL	CHAR(1 CHAR)
PHRECRS_ACTIVITY_DATE	NOT NULL	TIMESTAMP(6)
PHRECRS_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PHRECRS_REPORT_STATE		VARCHAR2(30 CHAR)
PHRECRS_EMPLOYEE_PROXY_PIDM		NUMBER(8)

Database Column	Null?	Data Type
PHRECRS_ACTING_EMPLOYEE_PIDM		NUMBER(8)
PHRECRS_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Report Table (PHRECRT)

Database Column	Null?	Data Type
PHRECRT_ID	NOT NULL	NUMBER(19)
PHRECRT_PTRECPD_ID	NOT NULL	NUMBER(19)
PHRECRT_PIDM	NOT NULL	NUMBER(8)
PHRECRT_ACTIVITY_DATE	NOT NULL	TIMESTAMP(6)
PHRECRT_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PHRECRT_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Report Section Column Table (PHRECSC)

Database Column	Null?	Data Type
PHRECSC_ID	NOT NULL	NUMBER(19)
PHRECSC_PHRECSN_ID	NOT NULL	NUMBER(19)
PHRECSC_DESC	NOT NULL	VARCHAR2(30 CHAR)
PHRECSC_NAME	NOT NULL	VARCHAR2(30 CHAR)
PHRECSC_COLUMN_POSITION	NOT NULL	NUMBER(10)
PHRECSC_COLUMN_ENABLED_IND	NOT NULL	CHAR(1 CHAR)
PHRECSC_ACTIVITY_DATE	NOT NULL	TIMESTAMP(6)
PHRECSC_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PHRECSC_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Report Section Item Table (PHRECSI)

Database Column	Null?	Data Type
PHRECSI_ID	NOT NULL	NUMBER(19)
PHRECSI_PHRECSN_ID	NOT NULL	NUMBER(19)

Database Column	Null?	Data Type
PHRECSI_CHARGE_TYPE	NOT NULL	VARCHAR2(30 CHAR)
PHRECSI_ORIGINAL_PERCENT	NOT NULL	NUMBER(17,2)
PHRECSI_PERCENT	NOT NULL	NUMBER(17,2)
PHRECSI_ROW_INDEX	NOT NULL	NUMBER(10)
PHRECSI_CHILD_IND	NOT NULL	CHAR(1 CHAR)
PHRECSI_GROUP_IND	NOT NULL	CHAR(1 CHAR)
PHRECSI_ACTIVITY_DATE	NOT NULL	TIMESTAMP(6)
PHRECSI_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PHRECSI_COL_ONE		VARCHAR2(50 CHAR)
PHRECSI_COL_TWO		VARCHAR2(50 CHAR)
PHRECSI_COL_THREE		VARCHAR2(50 CHAR)
PHRECSI_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Report Section Table (PHRECSN)

Database Column	Null?	Data Type
PHRECSN_ID	NOT NULL	NUMBER(19)
PHRECSN_PHRECRT_ID	NOT NULL	NUMBER(19)
PHRECSN_SECTION_ORDER	NOT NULL	NUMBER(10)
PHRECSN_ACTIVITY_DATE	NOT NULL	TIMESTAMP(6)
PHRECSN_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PHRECSN_SECTION_TYPE		VARCHAR2(30 CHAR)
PHRECSN_TITLE		VARCHAR2(30 CHAR)
PHRECSN_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Report Status Change Change Table (PHRECST)

Database Column	Null?	Data Type
PHRECST_ID	NOT NULL	NUMBER(19)
PHRECST_PHRECRT_ID	NOT NULL	NUMBER(19)

Database Column	Null?	Data Type
PHRECST_USER_SUPERUSER_IND	NOT NULL	CHAR(1 CHAR)
PHRECST_ACTIVITY_DATE	NOT NULL	TIMESTAMP(6)
PHRECST_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PHRECST_REPORT_STATUS		VARCHAR2(30 CHAR)
PHRECST_ACTING_EMPLOYEE_PIDM		NUMBER(8)
PHRECST_EMPLOYEE_PROXY_PIDM		NUMBER(8)
PHRECST_DATA_ORIGIN		VARCHAR2(30 CHAR)

Labor Redistribution Routing Queue Table (PHLRRQ)

Database Column	Null?	Data Type
PHLRRQ_ID	NOT NULL	NUMBER(19)
PHLRRQ_YEAR	NOT NULL	VARCHAR2(4 CHAR)
PHLRRQ_PICT_CODE	NOT NULL	VARCHAR2(2 CHAR)
PHLRRQ_PAYNO	NOT NULL	NUMBER(3)
PHLRRQ_PIDM	NOT NULL	NUMBER(8)
PHLRRQ_SEQ_NO	NOT NULL	NUMBER(2)
PHLRRQ_MEMBER_PIDM	NOT NULL	NUMBER(8)
PHLRRQ_MEMBER_ACTION	NOT NULL	VARCHAR2(1 CHAR)
PHLRRQ_MEMBER_TYPE	NOT NULL	VARCHAR2(1 CHAR)
PHLRRQ_APPROVER_SEQNO	NOT NULL	NUMBER(5,2)
PHLRRQ_USER_SUPERUSER_IND	NOT NULL	VARCHAR2(1 CHAR)
PHLRRQ_ACTIVITY_DATE	NOT NULL	DATE
PHLRRQ_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PHLRRQ_COAS_CODE		VARCHAR2(1 CHAR)
PHLRRQ_FUND_CODE		VARCHAR2(6 CHAR)
PHLRRQ_ORGN_CODE		VARCHAR2(6 CHAR)
PHLRRQ_GRNT_CODE		VARCHAR2(9 CHAR)
PHLRRQ_USER_PIDM		NUMBER(8)

Database Column	Null?	Data Type
PHRLRRQ_USER_ACTION		VARCHAR2(1 CHAR)
PHRLRRQ_USER_ACTION_DATE		DATE
PHRLRRQ_USER_PROXY_FOR_PIDM		NUMBER(8)
PHRLRRQ_QPRT_CODE		VARCHAR2(8 CHAR)
PHRLRRQ_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Employee Classification Rules Table (PTRECEC)

Database Column	Null?	Data Type
PTRECEC_ID	NOT NULL	NUMBER(19)
PTRECEC_PTRECPD_ID	NOT NULL	NUMBER(19)
PTRECEC_ECLS_CODE	NOT NULL	VARCHAR2(2 CHAR)
PTRECEC_ACTIVITY_DATE	NOT NULL	DATE
PTRECEC_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PTRECEC_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Earnings Rules Table (PTRECER)

Database Column	Null?	Data Type
PTRECER_ID	NOT NULL	NUMBER(19)
PTRECER_PTRECPD_ID	NOT NULL	NUMBER(19)
PTRECER_EARN_CODE	NOT NULL	VARCHAR2(3 CHAR)
PTRECER_ACTIVITY_DATE	NOT NULL	DATE
PTRECER_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PTRECER_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Position Classification Rules Table (PTRECPC)

Database Column	Null?	Data Type
PTRECPC_ID	NOT NULL	NUMBER(19)
PTRECPC_PTRECPD_ID	NOT NULL	NUMBER(19)

Database Column	Null?	Data Type
PTRECPC_PCLS_CODE	NOT NULL	VARCHAR2(5 CHAR)
PTRECPC_ACTIVITY_DATE	NOT NULL	DATE
PTRECPC_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PTRECPC_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Period Rules Table (PTRECPD)

Database Column	Null?	Data Type
PTRECPD_ID	NOT NULL	NUMBER(19)
PTRECPD_COAS_CODE	NOT NULL	VARCHAR2(1 CHAR)
PTRECPD_ECPD_CODE	NOT NULL	VARCHAR2(8 CHAR)
PTRECPD_CERT_BEGIN_DATE	NOT NULL	DATE
PTRECPD_CERT_END_DATE	NOT NULL	DATE
PTRECPD_WEB_ACCESS_IND	NOT NULL	VARCHAR2(1 CHAR)
PTRECPD_WEB_ACCESS_END_DATE	NOT NULL	DATE
PTRECPD_ACTIVITY_DATE	NOT NULL	DATE
PTRECPD_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PTRECPD_REVIEW_BEGIN_DATE		DATE
PTRECPD_POST_REVIEW_END_DATE		DATE
PTRECPD_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Payroll Rules Table (PTRECPR)

Database Column	Null?	Data Type
PTRECPR_ID	NOT NULL	NUMBER(19)
PTRECPR_PTRECPD_ID	NOT NULL	NUMBER(19)
PTRECPR_PICT_CODE	NOT NULL	VARCHAR2(2 CHAR)
PTRECPR_START_YEAR	NOT NULL	NUMBER(4)
PTRECPR_START_PAYNO	NOT NULL	NUMBER(3)
PTRECPR_END_YEAR	NOT NULL	NUMBER(4)

Database Column	Null?	Data Type
PTRECPR_END_PAYNO	NOT NULL	NUMBER(3)
PTRECPR_ACTIVITY_DATE	NOT NULL	DATE
PTRECPR_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PTRECPR_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Report Control Rules Table (PTRECRC)

Database Column	Null?	Data Type
PTRECRC_ID	NOT NULL	NUMBER(19)
PTRECRC_COAS_CODE	NOT NULL	VARCHAR2(1 CHAR)
PTRECRC_GRAD_CERT_TYPE	NOT NULL	VARCHAR2(1 CHAR)
PTRECRC_SPONSOR_SORT_ORDER_1	NOT NULL	VARCHAR2(1 CHAR)
PTRECRC_SPONSOR_SORT_ORDER_2	NOT NULL	VARCHAR2(1 CHAR)
PTRECRC_NONSPONS_SORT_ORDER_1	NOT NULL	VARCHAR2(1 CHAR)
PTRECRC_NONSPONS_SORT_ORDER_2	NOT NULL	VARCHAR2(1 CHAR)
PTRECRC_CERT_STATEMENT	NOT NULL	VARCHAR2(4000 CHAR)
PTRECRC_ACCT_ELEMENT_1	NOT NULL	VARCHAR2(1 CHAR)
PTRECRC_ACCT_ELEMENT_2	NOT NULL	VARCHAR2(1 CHAR)
PTRECRC_ACCT_ELEMENT_3	NOT NULL	VARCHAR2(1 CHAR)
PTRECRC_ACCT_ELEMENT_4	NOT NULL	VARCHAR2(1 CHAR)
PTRECRC_ACCT_ELEMENT_5	NOT NULL	VARCHAR2(1 CHAR)
PTRECRC_DISPLAY_CHRG_TYPE_IND	NOT NULL	VARCHAR2(1 CHAR)
PTRECRC_ACTIVITY_DATE	NOT NULL	DATE
PTRECRC_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PTRECRC_DATA_ORIGIN		VARCHAR2(30 CHAR)

Effort Certification Period Code Validation Table (PTVECPD)

Database Column	Null?	Data Type
PTVECPD_CODE	NOT NULL	VARCHAR2(8 CHAR)
PTVECPD_DESC	NOT NULL	VARCHAR2(30 CHAR)
PTVECPD_ACTIVITY_DATE	NOT NULL	DATE
PTVECPD_USER_ID	NOT NULL	VARCHAR2(30 CHAR)
PTVECPD_DATA_ORIGIN		VARCHAR2(30 CHAR)

Changed Tables

The following Banner Human Resources tables have been modified.

Employee Directory Temporary Table (PETEDIR)

The length of the following columns have been modified for Internationalization.

Database Column	Null?	Data Type
PETEDIR_PR_ZIP		VARCHAR2(30 CHAR)
PETEDIR_PR_STREET_LINE3		VARCHAR2(75 CHAR)
PETEDIR_PR_STREET_LINE2		VARCHAR2(75 CHAR)
PETEDIR_PR_STREET_LINE1		VARCHAR2(75 CHAR)
PETEDIR_PR_CITY		VARCHAR2(50 CHAR)
PETEDIR_PREF_FIRST_NAME		VARCHAR2(60 CHAR)
PETEDIR_OFFICE_ZIP		VARCHAR2(30 CHAR)
PETEDIR_OFFICE_STREET_LINE3		VARCHAR2(75 CHAR)
PETEDIR_OFFICE_STREET_LINE2		VARCHAR2(75 CHAR)
PETEDIR_OFFICE_STREET_LINE1		VARCHAR2(75 CHAR)
PETEDIR_OFFICE_CITY		VARCHAR2(50 CHAR)
PETEDIR_MI		VARCHAR2(60 CHAR)
PETEDIR_FIRST_NAME		VARCHAR2(60 CHAR)
PETEDIR_SEARCH_FIRST_NAME		VARCHAR2(60 CHAR)

User Code Rule Table (PTRUSER)

Database Column	Null?	Data Type
PTRUSER_EC_SUPERUSER_IND	NOT NULL	VARCHAR2(1 CHAR)
PTRUSER_LR_SUPERUSER_IND	NOT NULL	VARCHAR2(1 CHAR)

Payroll History Table (PHRHIST)

Database Column	Null?	Data Type
PHRHIST_REDISTRIBUTION_STATUS		VARCHAR2(1 CHAR)
PHRHIST_ORIGINATOR_PIDM		NUMBER(8)

Payroll History Labor Redistribution Table (PHRREDS)

Database Column	Null?	Data Type
PHRREDS_ID	NOT NULL	NUMBER(19)

New Upgrade Scripts

The following scripts are new for Banner Human Resources 8.1.

hos_phrcmnt_seq.sql

This script creates a new database sequence, `phrcmnt_sequence`. This is used to uniquely value the primary key for the `PHRCMNT` table.

hos_phrelbd_seq.sql

This script creates a new database sequence, `phrelbd_sequence`. This is used to uniquely value the primary key for the `PHRELBD` table.

hos_phreccm_seq.sql

This script creates a new database sequence, `phreccm_sequence`. This is used to uniquely value the primary key for the `PHRECCM` table.

hos_phrecdt_seq.sql

This script creates a new database sequence, `phrecdt_sequence`. This is used to uniquely value the primary key for the `PHRECDT` table.

hos_phrecfd_seq.sql

This script creates a new database sequence, `phrecfd_sequence`. This is used to uniquely value the primary key for the `PHRECFD` table.

hos_phrecrq_seq.sql

This script creates a new database sequence, `phrecrq_sequence`. This is used to uniquely value the primary key for the `PHRECRQ` table.

hos_phrecrt_seq.sql

This script creates a new database sequence, `phrecrt_sequence`. This is used to uniquely value the primary key for the `PHRECRT` table.

hos_phrecsc_seq.sql

This script creates a new database sequence, `phrecsc_sequence`. This is used to uniquely value the primary key for the `PHRECSC` table.

hos_phrecsi_seq.sql

This script creates a new database sequence, `phrecsi_sequence`. This is used to uniquely value the primary key for the `PHRECSI` table.

hos_phrecsn_seq.sql

This script creates a new database sequence, `phrecsn_sequence`. This is used to uniquely value the primary key for the `PHRECSN` table.

hos_phrecst_seq.sql

This script creates a new database sequence, `phrecst_sequence`. This is used to uniquely value the primary key for the `PHRECST` table.

hos_phrelbd_seq.sql

This script creates a new database sequence, `phrelbd_sequence`. This is used to uniquely value the primary key for the `PHRELBD` table.

hos_phrlrrq_seq.sql

This script creates a new database sequence, `phrlrrq_sequence`. This is used to uniquely value the primary key for the `PHRLRRQ` table.

hos_phrreds_seq.sql

This script creates a new database sequence, phrreds_sequence. This is used to uniquely value the primary key for the PHRREDS table.

hos_ptrecec_seq.sql

This script creates a new database sequence, ptrecec_sequence. This is used to uniquely value the primary key for the PTRECEC table.

hos_ptreecer_seq.sql

This script creates a new database sequence, ptreecer_sequence. This is used to uniquely value the primary key for the PTRECEER table.

hos_ptrecpc_seq.sql

This script creates a new database sequence, ptrecpc_sequence. This is used to uniquely value the primary key for the PTRECPC table.

hos_ptrecpd_seq.sql

This script creates a new database sequence, ptrecpd_sequence. This is used to uniquely value the primary key for the PTRECPD table.

hos_ptrecpr_seq.sql

This script creates a new database sequence, ptrecpr_sequence. This is used to uniquely value the primary key for the PTRECPR table.

hos_ptrecrc_seq.sql

This script creates a new database sequence, ptrecrc_sequence. This is used to uniquely value the primary key for the PTRECRC table.

phrcmnt_080100_01.sql

This script creates the Payroll Comments Table (PHRCMNT).

phrcmnt_080100_02.sql

This script creates the primary key, PK_PHRCMNT, for the PHRCMNT table.

phrcmnt_080100_03.sql

This script creates the foreign key, FK1_PHRCMNT_INV_PHRHIST_KEY, for the PHRCMNT table.

phrcmnt_080100_04.sql

This script creates the index, PHRCMNT_PAY_EVENT_INDEX, for the PHRCMNT table.

phrcmnt_080100_05.sql

This script creates column comments for the Payroll Comments Table (PHRCMNT).

phreccm_080100_01.sql

This script creates the PHRECCM table.

phreccm_080100_02.sql

This script creates the primary key, PK_PHRECCM, for the PHRECCM table.

phreccm_080100_03.sql

This script creates the foreign key, FK1_PHRECCM_INV_PHRECR_KEY, for the PHRECCM table.

phreccm_080100_04.sql

This script creates the foreign key, FK1_PHRECCM_INV_PEBEMPL_KEY, for the PHRECCM table.

phreccm_080100_05.sql

This script creates column comments for the Effort Certification Comments Table (PHRECCM).

phrecdt_080100_01.sql

This script creates the Effort Report Detail Table (PHRECDT).

phrecdt_080100_02.sql

This script creates the primary key, PK_PHRECDT, for the PHRECDT table.

phrecdt_080100_03.sql

This script creates the foreign key, FK1_PHRECDT_INV_PHRECR_KEY, for the PHRECDT table.

phrecdt_080100_04.sql

This script creates the foreign key, FK1_PHRECDT_INV_PEBEMPL_KEY, for the PHRECDT table.

phrecdt_080100_05.sql

This script creates table and column comments for the Effort Report Detail Table (PHRECDT).

phrecfd_080100_01.sql

This script creates the Effort Report Additional Funding Table (PHRECFD).

phrecfd_080100_02.sql

This script creates the primary key, PK_PHRECFD, for the PHRECFD table.

phrecfd_080100_03.sql

This script creates the foreign key, FK1_PHRECFD_INV_PHRECR_KEY, for the PHRECFD table.

phrecfd_080100_04.sql

This script creates table and column comments for the Effort Report Additional Funding Table (PHRECFD).

phrecrq_080100_01.sql

This script creates the Effort Report Routing Queue Table Table (PHRECRQ).

phrecrq_080100_02.sql

This script creates the primary key, PK_PHRECRQ, for the PHRECRQ table.

phrecrq_080100_03.sql

This script creates the unique key, UK1_PHRECRQ for the PHRECRQ table.

phrecrq_080100_04.sql

This script creates the foreign key, FK1_PHRECRQ_INV_PHRECR_KEY, for the PHRECRQ table.

phrecrq_080100_05.sql

This script creates the foreign key, FK1_PHRECRQ_INV_PEBEMPL_KEY, for the PHRECRQ table.

phrecrq_080100_06.sql

This script creates the foreign key, FK2_PHRECRQ_INV_PEBEMPL_KEY, for the PHRECRQ table.

phrecrq_080100_07.sql

This script creates the foreign key, FK3_PHRECRQ_INV_PEBEMPL_KEY, for the PHRECRQ table.

phrecrq_080100_08.sql

This script creates table and column comments for the Effort Report Routing Queue Table (PHRECRQ).

phrecrs_080100_01.sql

This script creates the Effort Report Routing Status Change Table (PHRECRS).

phrecrs_080100_02.sql

This script creates the primary key, PK_PHRECRS, for the PHRECRS table.

phrecrs_080100_03.sql

This script creates the foreign key, FK1_PHRECRS_INV_PHRECR_KEY, for the PHRECRS table.

phrecrs_080100_04.sql

This script creates the foreign key, FK1_PHRECRS_INV_PEBEMPL_KEY, for the PHRECRS table.

phrecrs_080100_05.sql

This script creates the foreign key, FK2_PHRECRS_INV_PEBEMPL_KEY, for the PHRECRS table.

phrecrs_080100_06.sql

This script creates table and column comments for the Effort Report Routing Status Change Table (PHRECRS).

phrecrt_080100_01.sql

This script creates the Effort Certification Report Table (PHRECRT).

phrecrt_080100_02.sql

This script creates the primary key, PK_PHRECRT, for the PHRECRT table.

phrecrt_080100_03.sql

This script creates the unique key, UK1_PHRECRT for the PHRECRT table.

phrecrt_080100_04.sql

This script creates the foreign key, FK1_PHRECRT_INV_PEBEMPL_KEY, for the PHRECRT table.

phrecrt_080100_05.sql

This script creates the foreign key, FK1_PHRECRT_INV_PTRECPD_KEY, for the PHRECRT table.

phrecrt_080100_06.sql

This script creates table and column comments for the Effort Certification Report Table (PHRECRT).

phrecsc_080100_01.sql

This script creates the Effort Report Section Column Table (PHRECSC).

phrecsc_080100_02.sql

This script creates the primary key, PK_PHRECSC, for the PHRECSC table.

phrecsc_080100_03.sql

This script creates the foreign key, FK1_PHRECSC_INV_PHRECSN_KEY, for the PHRECSC table.

phrecsc_080100_04.sql

This script creates table and column comments for the Effort Report Section Item Table (PHRECSC).

phrecsi_080100_01.sql

This script creates the (PHRECSI).

phrecsi_080100_02.sql

This script creates the primary key, PK_PHRECSI, for the PHRECSI table.

phrecsi_080100_03.sql

This script creates the foreign key, FK1_PHRECSI_INV_PHRECSN_KEY, for the PHRECSI table.

phrecsi_080100_04.sql

This script creates table and column comments for the Effort Report Section Item Table (PHRECSI).

phrecsn_080100_01.sql

This script creates the Effort Report Section Table (PHRECSN).

phrecsn_080100_02.sql

This script creates the primary key, PK_PHRECSN, for the PHRECSN table.

phrecsn_080100_03.sql

This script creates the foreign key, FK1_PHRECSN_INV_PHRECSN_KEY, for the PHRECSN table.

phrecsn_080100_04.sql

This script creates table and column comments for the Effort Report Section Table (PHRECSN).

phrecst_080100_01.sql

This script creates the Effort Report Status Change Change Table (PHRECST).

phrecst_080100_02.sql

This script creates the primary key, PK_PHRECST, for the PHRECST table.

phrecst_080100_03.sql

This script creates the foreign key, FK1_PHRECST_INV_PHRECSN_KEY, for the PHRECST table.

phrecst_080100_04.sql

This script creates the foreign key, FK1_PHRECST_INV_PEBEMPL_KEY, for the PHRECST table.

phrecst_080100_05.sql

This script creates the foreign key, FK2_PHRECST_INV_PEBEMPL_KEY, for the PHRECST table.

phrecst_080100_06.sql

This script creates table and column comments for the Effort Report Status Change Change Table (PHRECST).

phrelbd_080100_01.sql

This script adds a new column, PHRELBD_ID, which represents the primary key of the PHRELBD table.

phrelbd_080100_02.sql

This script adds a comment to the PHRELBD_ID column.

phrelbd_080100_03.sql

This script populates the PHRELBD_ID column with a database sequence number.

phrelbd_080100_04.sql

This script sets the PHRELBD_ID column as NOT NULL.

phrelbd_080100_05.sql

This script adds the primary key, PK_PHRELBD, to the PHRELBD table.

phrhist_080100_01.sql

This script adds a two new columns, PHRHIST_REDISTRIBUTION_STATUS and PHRHIST_ORIGINATOR_PIDM, to the PHRHIST table.

phrhist_080100_02.sql

This script adds comments to the two new columns, PHRHIST_REDISTRIBUTION_STATUS and PHRHIST_ORIGINATOR_PIDM of the PHRHIST table.

phrhist_080100_03.sql

This script drops the PHRHIST_COMMENT column from the PHRHIST table.

phlrrq_080100_01.sql

This script creates the Labor Redistribution Routing Queue Table (PHLRRQ).

phlrrq_080100_02.sql

This script creates the primary key, PK_PHLRRQ, to the PHLRRQ table.

phlrrq_080100_03.sql

This script creates a unique key UK1_PHLRRQ, for the PHLRRQ table.

phlrrq_080100_04.sql

This script creates a foreign key, FK1_PHLRRQ_INV_PHRHIST_KEY, for the PHLRRQ table.

phlrrq_080100_05.sql

This script creates the index, PHLRRQ_PAY_EVENT_INDEX for the PHLRRQ table.

phlrrq_080100_06.sql

This script creates column comments for the Labor Redistribution Routing Queue Table (PHLRRQ)

ptrecec_080100_01.sql

This script creates the PTRECEC table.

ptrecec_080100_02.sql

This script creates the primary key, PK_PTRECEC, for the PTRECEC table.

ptrecec_080100_03.sql

This script creates a unique key UK1_PTRECEC, for the PTRECEC table.

ptrecec_080100_04.sql

This script creates a foreign key, FK1_PTRECEC_INV_PTRECLS_KEY, for the PTRECEC table.

ptrecec_080100_05.sql

This script creates a second foreign key, FK1_PTRECEC_INV_PTRECPD_KEY, for the PTRECEC table.

ptrecec_080100_06.sql

This script creates column comments for the PTRECEC table.

ptrecec_080100_01.sql

This script creates the PTRECER table.

ptrecec_080100_02.sql

This script creates the primary key, PK_PTRECER, for the PTRECER table.

ptrecec_080100_03.sql

This script creates a unique key UK1_PTRECER, for the PTRECER table.

ptrecec_080100_04.sql

This script creates a foreign key, FK1_PTRECER_INV_PTREARN_KEY, for the PTRECER table.

ptrecec_080100_05.sql

This script creates a second foreign key, FK1_PTRECER_INV_PTRECPD_KEY, for the PTRECEC table.

ptrecec_080100_06.sql

This script creates column comments for the PTRECER table.

ptrecpc_080100_01.sql

This script creates the PTRECPC table.

ptrecpc_080100_02.sql

This script creates the primary key, PK_PTRECPC, for the PTRECPC table.

ptrecpc_080100_03.sql

This script creates a unique key UK1_PTRECPC, for the PTRECPC table.

ptrecpc_080100_04.sql

This script creates a foreign key, FK1_PTRECPC_INV_PTRECPD_KEY, for the PTRECPC table.

ptrecpc_080100_05.sql

This script creates column comments for the PTRECPC table.

ptrecpd_080100_01.sql

This script creates the PTRECPD table.

ptrecpd_080100_02.sql

This script creates the primary key, PK_PTRECPD, for the PTRECPD table.

ptrecpd_080100_03.sql

This script creates a unique key UK1_PTRECPD, for the PTRECPD table.

ptrecpd_080100_04.sql

This script creates a foreign key, FK1_PTRECPD_INV_PTVECPD_CODE, for the PTRECPD table.

ptrecpd_080100_05.sql

This script creates column comments for the PTRECPD table.

ptrecpd_080100_06.sql

This script creates a second foreign key, FK1_PTRECPD_INV_PTRECRC_KEY, for the PTRECPD table.

ptrecpr_080100_01.sql

This script creates the Effort Certification Payroll Rules Table (PTRECPR)

ptrecpr_080100_02.sql

This script creates the primary key, PK_PTRECPR, for the PTRECPR table.

ptrecpr_080100_03.sql

This script creates a unique key UK1_PTRECPR, for the PTRECPR table.

ptrecpr_080100_04.sql

This script creates a foreign key, FK1_PTRECPR_INV_PTRECPD_KEY, for the PTRECPR table.

ptrecpr_080100_05.sql

This script creates column comments for the PTRECPR table.

ptrecrc_080100_01.sql

This script creates the PTRECR table.

ptrecrc_080100_02.sql

This script creates the primary key, PK_PTRECR, for the PTRECR table.

ptrecrc_080100_03.sql

This script creates a unique key UK1_PTRECR, for the PTRECR table.

ptrecrc_080100_04.sql

This script creates column comments for the PTRECR table.

ptvecpd_080100_01.sql

This script creates the PTRECPD table.

ptvecpd_080100_02.sql

This script creates the primary key, PK_PTRECPD, for the PTRECPD table.

ptvecpd_080100_03.sql

This script creates column comments for the PTRECPD table.

Changed Upgrade Scripts

The following scripts modify existing tables of Banner Human Resources 8.1.

petedir_080000_02.sql

This script modifies the PETEDIR table to update the length of existing columns for internationalization.

phrreds_080100_01.sql

PHRREDS is a temporary work table for labor redistribution. This script deletes records from the PHRREDS table. A primary key will be added later.

phrreds_080100_02.sql

This script drops the index, PHRREDS_KEY_INDEX.

phrreds_080100_03.sql

This script adds a new PHRREDS_ID column to the PHRREDS table.

phrreds_080100_04.sql

This script adds a comment to the PHRREDS_ID column.

phrreds_080100_05.sql

This script creates the primary key, PK_PHRREDS, for the PHRREDS table.

phrreds_080100_06.sql

This script drops the obsolete column, PHRREDS_SESSION_ID.

phrreds_080100_07.sql

This script recreates the index, PHRREDS_KEY_INDEX, not including the obsolete column.

ptruser_080100_01.sql

This script adds two new columns, PTRUSER_EC_SUPERUSER_IND and PTRUSER_LR_SUPERUSER_IND to the PTRUSER table.

ptruser_080100_02.sql

This script sets the values for the above two columns to *N*.

ptruser_080100_03.sql

This scripts adds comments to the PTRUSER_EC_SUPERUSER_IND and PTRUSER_LR_SUPERUSER_IND columns.

ptruser_080100_04.sql

This script sets the above two columns as NOT NULL columns.

New Trigger

phtelbd0.sql

This script sets the primary key value using a database sequence on an insert.

New Conversion Script

The following conversion script has been delivered.

pconvpayhistcomments.sql

The script copies comments from the Payroll History Table (PHRHIST) table and loads them into the new Payroll Comments Table (PHRCMNT). When there is an error, along with the actual error message, the script also displays the year, Payroll ID, Pay Number, PIDM, and Sequence Number on which the error occurred.

New Packages

The following new packages have been created for Banner Human Resources 8.1.

phkecert.sql

This package maintains effort reports based on pay history event changes.

phkecert1.sql

This package maintains effort reports based on pay history event changes.

phklabr.sql

This package contains functions and procedures related to labor redistribution transactions.

phklabr1.sql

This package contains functions and procedures related to labor redistribution transactions.

phklrac.sql

This package contains routines to check available actions for labor redistribution routing.

phklrac1.sql

This package contains routines to check available actions for labor redistribution routing.

phklrcm.sql

This package contains functions and procedures related to labor redistributions.

phklrcm1.sql

This package contains common logic for labor redistribution transactions.

phklrrt.sql

This package contains routines to create labor redistribution routing.

phklrrt1.sql

This package contains routines to create labor redistribution routing.

phkreds.sql

This package creates labor redistribution transactions.

phkreds1.sql

This package creates labor redistribution transactions.

Changed Packages

The following packages have been modified.

pektevt.sql

The procedure `P_Validate_Proxy` was modified to reference the new `Proxy` table `NTRPRXY`.

pektev1.sql

The procedure `P_Validate_Proxy` was modified to call the new function `f_ntrprxy_rec` instead of `f_ntrtprx_rec` for proxy changes.

New Views

The following scripts create new views.

phvecpp.sql

This packages creates a new view to retrieve all pay periods defined for given effort period.

phvectr.sql

This package creates a new view to retrieve all effort reports attached to a given year, pict code, payno, and pidm. This view works best when the year, pict code, payno, and pidm are predicated to the where clause of the calling sql statement.

poviden.sql

This view package retrieves one identification (POVIDEN) record.

New Java Objects

The following .jar files have been delivered for Banner Human Resources 8.1.

- phpecex.jar

This java file is the new Effort Certification Extract Process delivered with the Effort Reporting enhancement.

The following files are open source.

- axis.jar
- log4j.jar
- commons-discovery-0.2.jar
- commons-logging.jar
- saaj-api.jar
- wsd14j-1.5.2.jar
- jaxrpc.jar



The following defects have been resolved in Release 8.1 of Banner Human Resources and Position Control.

Human Resources

The following defects have been resolved in Banner Human Resources, Release 8.1. For detailed impact and resolutions, refer to the defect tex resolution document, *humres80100resolutions.txt*.

Objects	Defect #	Description
PDADN	1-3XSZT3	When a terminated deduction was re-activated, the deduction end date was automatically removed. If the re-activation status record was removed, the deduction end date was not re-populated with the terminated status effective date value.
PEA1PAY	1-3XSZVZ	On save the PEA1PAY address record was being inserted with a null From Date. The address record was inserted successfully, however the null in the From Date (in PPAIDEN) prevented the address record from being selected by processes that select addresses by comparing From Date to the system date.
PHPFEXP	1-3QOY9K	Slow performance was experienced when payrolls being processed were extremely large and employee jobs typically had multiple funding splits.
PERV100	1-40JXC3	The process was not excluding temporary employees in the minimum and maximum counts. These totals appeared at the conclusion of the report following the New Hire counts. The minimum and maximum counts were not excluding Employee Skill Code 90 employees. Thus, all employees paid were being counted.

Position Control

The following defects have been resolved in Banner Position Control, Release 8.1. For detailed impact and resolutions, refer to the defect tex resolution document, *posnctl80100resolutions.txt*.

Objects	Defect #	Description
NBAJOBS nokmup1.sql nbkjobs.sql, nbkjob1.sql, nbkb_job_base_r1.sql, nbkp_job_assignment1.sql	1-3M2OM8	When the NTRINST Budget Validation indicator was set to 'Error' you could not enter a job record and terminate the record if the initial entry would cause the job to exceed the budget amount.
NBAPBUD	1-3XSZU4	If comments were entered on Positions with a status of <i>Cancelled</i> or <i>Frozen</i> , the status would change to <i>Active</i> when the record was saved.
nbkb_job_base_r1.sql	1-3N5TXP	Salary encumbrance values were being associated to History records. This was preventing a job from being deleted. The history records are created when the labor distribution is deleted on NBAJOBS.
NBAJOBS, NOAEPAF, nokepc1.sql, nopjeed.sql, nopcndt.sql	1-3NV3S7	Provide the ability to end a default earning and start a new default earning on the same day.
nokedit1.sql	1-3V3K5R	The message type should be 'SQL' for the following messages: <i>**TMERROR** Invalid Message Type 'EDIT' in G\$_NLS.Get. Arguments: 'NOKEDIT', 'EDIT', '*ERROR* ')</i>

Objects	Defect #	Description
nokepa1.sql	1-3V3KDY	<p>The message type should be 'SQL' for the following messages:</p> <p><i>**TMERROR** Invalid Message Type 'EDIT' in G\$_NLS.Get. Arguments: 'x', 'EDIT',</i></p> <p><i>*ERROR* Unable to process SPRIDEN initial edits (Oracle Error ' TO_CHAR(SQLCODE) ').')</i></p>
nokmup1.sql	1-3V3KFI	<p>The message type should be 'SQL' for the following messages:</p> <p><i>**TMERROR** Invalid Message Type 'EDIT' in G\$_NLS.Get. Arguments: 'x', 'EDIT',</i></p> <p><i>*ERROR* Unable to create SPRIDEN record (Oracle Error %01%).', (SQLCODE))</i></p>

