

**Release 1990**

**Service Requests  
83224, 83214, 83318**

**Error Reports  
2323, 2348, 2349  
2362, 2389, 2405  
2406, 2410**

**Web EDB Update Phase III  
Web EDB Update Enhancements  
ERIT – Web Applications**

**Detail Design**

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## **Introduction**

### **Service Request 83224**

Service Request 83214 asks for development and release enhancements to existing Web EDB Update application and a set of corresponding web services to provide the additional functionality of processing Leaves, Separations, Intercampus Transfer transactions on employee records stored on the Payroll/Personnel System's Employee Database (EDB)

### **Service Request 83214**

Service Request 83214 asks for various enhancements to the current PPS Web EDB Update system.

The enhancements impact all modules of EDB Update system, which include New Hire, Change and Rehire.

### **Service Request 83318**

Service Request 83318 asks for reactivation of Staff and Academic Reduction in Time (START) functionality with modified features and rebranded as the Employee-Initiated Reduction in Time (ERIT) Program.

The enhancements impact all modules of EDB Update system, which include New Hire, Change and Rehire.

## **Error Reports**

In addition to the above enhancements, the following PPS Base System error reports will be covered in the release:

- PPS\_ERR-2323  
PPS web apps should not directly reference PPSWebService client code.
- PPS\_ERR-2348  
EDB Update – Basis and Timeover not saved in an appointment template.
- PPS\_ERR-2349  
EDB Update – Only empty distribution templates are saved.
- PPS\_ERR-2362  
EDB Update application should not need campusCustomization file for campus logo.
- PPS\_ERR-2389  
EDB Update – HTML error on help window.
- PPS\_ERR-2405  
EDB Update – Deleting and adding same license code does not work.
- PPS\_ERR-2406  
EDB Update – Bank account number length incorrect on “Pay Disposition” panel.
- PPS\_ERR-2410  
EDB Update – Keep appointment/distribution table in expanded state.

## **Overview of PPS Modifications**

### **Service Request 83224**

This service request calls for several major modifications to the existing Web EDB Update application, the majority of which will support three additional types of employee actions: Separations, Leaves of Absence, and Intercampus Transfers. The majority of the enhancements will likewise impact previously completed modules within the system: New Hire, Rehire, and Changes.

The changes can be divided into 7 major feature requests:

1. Add Background Check data to the existing Employment Information page
2. Add a new Honors and Awards panel to the system, to allow users to capture employee awards and honors information.
3. Add a new Separation panel to the system, to allow users to add/update separation related data.
4. Add a new Leave of Absence panel to the system, to allow users to add/update leave of absence data.
5. Add a new panel for intercampus transfers, to assist users initiating intercampus transfer actions in the correct manner.
6. Update the main menu to include links to Separations, Leaves, and Intercampus transfers. Also, create correct opening navigation sequence for these three new modules.
7. Add a new module-level help feature, allowing campuses to provide users with a small amount of help text to users in the Leaves and Separation modules, as well as shortcut links to appropriate panels.

### **Service Request 83214**

This service request calls for several enhancements to existing EDB Update application.

The enhancements cover the following:

1. Add IDOC link to Web PPS main menu for direct access to IDOCs.
2. Provide ability to indicate formatting rules for externally campus customized fields.
3. Expand the ability to add campus customized fields to other panels.
4. Warn for duplicate template names while saving a template.
5. Warn when suspending a transaction while in the middle of an appointment/distribution entry.
6. Provide option to "copy" a distribution to another appointment when maximum distributions have reached.
7. Add E-Verify and E-Verify Date fields to Employment Information screen.
8. Updates to help for Citizenship Code field.
9. Provide for bank account number format on the pay disposition screen.
10. Warn for duplicate Recipients on the PAN screen.
11. Enhance message on the dialog box when recalling suspended transactions.
12. Allow for special symbols, % and \$, in the PAN comments.
13. Correct the order of fields related to warning message 08-425 on the review message and update panel.
14. Provide access to additional IDOCs.

## **Service Request 83318**

Service Request 83318 asks for reactivation of Staff and Academic Reduction in Time (START) functionality with modified features and rebranded as the Employee-Initiated Reduction in Time (ERIT) Program.

The enhancements cover the following:

1. Rebrand “START” program to “ERIT” program in web EDB Update.
2. Rebrand “START” program to “ERIT” program in web EDB Inquiry.

## **Mainframe Design**

### **Web Services**

#### **PS001**

This web service fetches EDB data for an employee. Previously it fetched all (non-initial) data elements. It will be changed to allow a request for a small subset of data elements to be returned.

#### **PS013**

This web service fetches all required code translations for the web application. It will be modified as follows:

- Return translations for data element 1165 (E-Verify flag)
- Return checking and savings account formats for each bank in the PPPSPB bank table.

#### **PS022**

This web service returns the IDOC reports for the report type requested. It will be modified to include all of the employee status, leave and sabbatical reports, which were not previously included in the web IDOC feature. Since there will be no change to the structure of the service input or output, no change is needed to the PS022I01 or PS022O01 copylib members or to the wsbind file for this service.

### **Cobol Programs**

#### **PPEC125**

PPEC125 performs consistency edits on the campus address. It will be modified as follows:

- Code to add data elements 0331 and 0332 to output array when message 08245 or 12245 is returned will be added. This will make the order of data elements returned more useable for web service requesters (e.g. ps006)

#### **PPHONFET**

PPHONFET retrieves EDB data, by data element number, from the PPPHON table. It will be modified as follows:

- When populating the honor date in the occurrence key, if the honor date is ‘9999-12-31’, move ‘99’ to the month portion of the occurrence key. This is to differentiate the occurrence key between dates ‘9999-12-31’ and ‘1999-12-01’.

#### **PPHONUPD**

PPHONUPD drives the update of the PPPHON table. It will be modified as follows:

- If the honor date in the occurrence key is equal to '9999', derive value of '9999-12-31' for WS-MATCH-DATE (this field is used to populate the honor date in the HONOR-ARRAY).

### **PPWWEDB**

PPWWEDB is the "detail screen processor" for the WEDB function. It will be modified as follows:

- Code to process deletes of awards, honors and background check entries will be added.
- Code to update ADC codes for awards, honors and background check entries will be added.
- When using element card type 'HR' for data element number 0001, add code to check that the context is a hire.

### **PS001**

This is the driver program for the PS001 web service which returns EDB data for an employee. It will be modified as follows:

- The definition of a subset of data elements will be defined to include DENs 0105, 0144, 0114.
- The new request code field will be verified. If it does not contain "A" or "1", a soap fault will be generated.
- If the request code is "A", all data elements will be returned. If it is "1", only the data elements in the defined subset will be returned.

### **PS013**

This is the driver program for the PS013 code translation web service. It will be modified as follows:

- Code to return translations for the following data element numbers will be added: 0713, 0743, 0139, 0141, 0142, 0749, 1165
- Code will be added to obtain the checking and savings account numbers for each bank in the PPPSPB table, and return them as the translation value with the special DEN value of "BBBB".

### **PS022**

This is the driver program for the PS022 IDOC web service. It will be modified as follows:

- If the first character of the report type is "X", then it will be treated as a report within one of the known groups.
- The report type will be set to CHNG, LEAV or SABB depending on the requested report.
- The array in CPWSDXAC will be searched for the matching report code, and the corresponding information will be placed in CPWSDXIN as additional input to the PPDXMGR program which produces the reports.

## **Copy Members**

### **PS001**

This is the data structure for the web service of the same name. It is used to generate the WSDL for the web service and is not copied into any program. It will be modified to include a new request code field, which will allow the caller to request all data elements or a subset.

### **PS001I01**

PS001I01 is the input data structure for service PS001. It will be automatically re-generated from the modified PS001.wsdl.

PS001001 is the output data structure for service PS001. It will be automatically re-generated from the modified PS001.wsdl.

## **PS022**

This is the data structure for the web service of the same name. It is used to generate the WSDL for the web service and is not copied into any program. It will be modified with new 88-levels for the new document types being supported. The following are the new values for the 4-character document type. Note that the first character is "\*" to identify these as documents belonging to either the employment status, leave or sabbatical groups. The numbering scheme matches one which is already in place for IDOCs in the CPWSDXAC copylib member.

- PS022-PROMOTION VALUE 'X001' .
- PS022-DEMOTION VALUE 'X002' .
- PS022-RECLASS-UP VALUE 'X003' .
- PS022-RECLASS-LATERAL VALUE 'X004' .
- PS022-RECLASS-DOWN VALUE 'X005' .
- PS022-APPT-RENEWAL VALUE 'X006' .
- PS022-ADDL-EMPLOYMENT VALUE 'X007' .
- PS022-LATERAL-TRANSFER VALUE 'X008' .
- PS022-EMP-IN-OTHER-SERIES VALUE 'X009' .
- PS022-LIMITED-TO-CAREER VALUE 'X010' .
- PS022-CASUAL-TO-LIMITED VALUE 'X011' .
- PS022-MERIT-INCREASE VALUE 'X012' .
- PS022-FUNDING-CHANGE VALUE 'X013' .
- PS022-PERCENT-FULL-CHANGE VALUE 'X014' .
- PS022-SIX-MONTH-INCREASE VALUE 'X015' .
- PS022-LIMITED-INCREASE VALUE 'X016' .
- PS022-EXCEPT-EQUITY-INCR VALUE 'X017' .
- PS022-HSCP-SALARY-CHANGE VALUE 'X018' .
- PS022-ADDING-A-STIPEND VALUE 'X019' .
- PS022-OTHER-PAYRATE-CHANGE VALUE 'X020' .
- PS022-PERSONAL-INFO-CHANGE VALUE 'X021' .
- PS022-VISA-TYPE-CHANGE VALUE 'X022' .
- PS022-VISA-DATE-EXTENSION VALUE 'X023' .
- PS022-LEAVE-WITH-FULL-PAY VALUE 'X024' .
- PS022-LEAVE-WITH-PART-PAY VALUE 'X025' .
- PS022-LEAVE-WITHOUT-PAY VALUE 'X026' .
- PS022-SABB-WITH-FULL-PAY VALUE 'X027' .
- PS022-SABB-WITH-PART-PAY VALUE 'X028' .
- PS022-SABB-IN-RESIDENCE VALUE 'X029' .
- PS022-STATUS-REQUEST VALUE 'X030' .

## **WSDL Members**

### **PS022**

The wsdl will include references to the new 88-levels, but will be otherwise unchanged.



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**Bind Members**

None.

**Control Table Updates**

None.

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## Web Design

### PPSWebServices Modifications

#### Web Services

1. Web service PS013 provides codes and translations for the EDB Update application. It will be changed to cater to the following new codes and translations:
  - a. Honor Type Code (DEN 0713)
  - b. Award Type Code (DEN 0743)
  - c. Leave of Absence Type Code (DEN 0139)
  - d. Separation Reason Code (DEN 0141)
  - e. Destination Code (DEN 0142)
  - f. Future Institution Code (DEN 0702)
  - g. Background Check Code (DEN 0740)
  - h. E-verify status (DEN 1165)
2. Web service PS001 fetches non-initial data elements for an employee Id. This web service will be modified to accept a new code, called "Request Code". This code will indicate whether to fetch "all" or "a subset of" employee data.
3. Web service PS022 generates IDOCs. This web service will be modified to include all additional IDOC types. This will bring a total of 37 IDOC types generated by this service.
4. Unused web service PX010 will be removed.

More information of web services changes will be covered in the mainframe section of this document.

#### Java Changes

In order to support changes related to new and enhanced EDB Update application functions, the following Java code changes will be made:

1. Some of the classes will be re-factored to reside in appropriate packages.
2. Create new java classes to support employee awards information.
3. Create new java classes to support employee background check information.
4. Create new java classes to support employee honors information.
5. Modify EDB employee adapter related classes to cater to employee's awards, honors and background check related data elements.
6. Modify employee fetch class to cater to new "Request Code" for PS001 web service. Add a new method for fetching data elements needed for IDOC selection screen.
7. Create a new façade class for calling user log off web services. This will help de-couple client code access from other PPS Web application.

## **PPSWeb Modifications**

Add the following options to PPS main menu under EDB Update System:

- Separations
- Leave of Absence
- Intercampus Transfer
- IDOC

The new options should be unavailable if the target CICS region is not available for invoking web services. This is in consistent with currently available EDB Update options.

To cater to an increase in number of options on the main menu, some of the font sizes used will be reduced to a smaller scale.

# University of California

## Payroll/Personnel System

### Main Menu

#### **Employee Database (EDB) Inquiry**

#### **EDB Update System** [Application Help](#)

[New Hire](#)

[Rehire](#)

[Change Existing Employee Record](#)

[Separations](#)

[Leave of Absence](#)

[Intercampus Transfer](#)

[IDOC](#)

#### **Post Authorization Notification Functions**

[Inbox](#)

[Directory](#)

[Routing Option Selection](#)

[Notification Selection](#)

[Audit Review](#)

#### **Web Merit**

[Change Password](#) | [Logout](#)

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## **EDB Inquiry Modifications**

### **JSPs**

employment\_ppwwiemp.jsp – This JSP displays the employment information for an employee. This will be changed to include new labels for START program related fields.

**Staff and Academic Reduction in Time (START) or Employee-Initiated Reduction in Time (ERIT)**

**START/ERIT Reduction Percentage: 20%**

**Begin/End Date: 07/01/09 - 06/30/10**

### **Web Services**

A new version of PPSWebServices.jar will be included to incorporate changes to various web services.

## EDB Update Modifications

### EDB Update Front End Components

#### The PPSWEB Object

Add the following new buttons to the PPSWEB object:

- Assign Employee ID
- Change an Employee Record
- Navigation Wizard

Add a new non-modal dialog to the PPSWEB object for displaying navigational wizard.

#### PPSWEB Constructors

##### NavBar.js

The NavBar constructor works with the navbar.jsp tile to give custom ui functionality to the application's nav bar. Mouse rollover interactions, link inactivity vs activity, special href conditions on certain pages, are all handled by this constructor.

Modify NavBar.js to cater to new panels navigation and removal of IDOC navigation button.

The new navigation bar:

The screenshot displays the 'New Hire' application interface. At the top, there is a navigation bar with 'New Hire' on the left and 'Suspended Transactions' on the right. Below the navigation bar is a sidebar menu titled 'ENTRY SCREENS' with 11 items: 1. Employee Identification (selected), 2. Personal Information, 3. Address & Disclosures, 4. Citizenship & Taxes, 5. Employment Information, 6. Appointments & Distributions, 7. Education, 8. Pay Disposition, 9. Honors & Awards, 10. Leave of Absence, and 11. Separation. Below the sidebar is a 'REVIEW AND SUBMIT' section with 5 items: 12. Summary, 13. Review Messages and Update, 14. Post Authorization Notification (PAN), and 15. Confirmation. The main content area is titled '1. Employee Identification' and contains a yellow warning box with a blue icon and text: 'An employee ID number will be assigned after submission of the data on this screen. The name, social security number, and date of birth must be correct to guarantee that the ID assignment process produces a number that is unique and ensures that no employee is assigned more than one ID number. If, prior to completing the New Hire transaction, you discover you have entered an incorrect name, social security number, or date of birth you may return to this screen and enter the correct information. Please note that if you change any of the information originally entered on the Employee Identification screen, the system will invalidate the previously assigned employee ID number and will assign a new employee ID based on the newly entered information. Please note: The employee name must match the name shown on the social security card. If the name entered does not match the social security card, the University may be subject to fines and penalties.' Below the warning box are three required fields: 'Employee Name' with sub-fields for First, Middle, Last, and Suffix; 'Date of Birth' with a MMDDYY format; and 'Social Security Number' with a ###-##-#### format. A legend indicates that an asterisk (\*) denotes a required field. An 'Assign Employee ID' button is located in the bottom right corner of the form area.

##### NavButtons.js

The NavButtons constructor controls which buttons are added to the lower right corner of the application's panels. Each button is defined and stored in the ppsweb.js file, but the NavButtons constructor determines which panels display which buttons.

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 Modify NavButtons.js as follows:

- Use new button “Assign Employee ID” on the “Employee Identification” panel.
- Standardize buttons displayed at the bottom of IDOC panel. The following buttons will be displayed on the IDOC panel:
  - Main Menu
  - Begin New Hire
  - Change an Employee Record
  - EDB Inquiry

**ModuleBar.js**

The ModuleBar constructor is responsible for displaying the appropriate module title, buttons, and identifying employee data for the transaction.

Modify ModuleBar to add the following new EDB Update modules

- Separation
- Intercampus Transfer
- Leave of Absence
- IDOC

**edb-update.css**

The EDB Update application uses different color schemes for each module. With the addition of 4 new modules, new color scheme will be created as follows:

Module Name	Example Navigation Bar Color
New Hire	ENTRY SCREENS
Rehire	ENTRY SCREENS
Change	ENTRY SCREENS
Separation	ENTRY SCREENS
Leave of Absence	ENTRY SCREENS
Intercampus Transfer	ENTRY SCREENS
IDOC	ENTRY SCREENS

**JQuery Alert Plug-in**

A new JQuery plug-in has been added to provide for custom browser based alert messages.

**JQuery Outside Event Plug-in**

A new JQuery plug-in has been added to handle outside events. This will be used for navigational wizard development.

**Middle Layer Component Changes**

This release will add various new modules for the following employee actions.

- Separation
- Intercampus Transfer
- Leave of Absence
- IDOC

**Struts Configuration**

Add new struts configuration file for each of the new modules.

**Action Classes**

Add new struts action classes for each of the new modules. The application will require two standard action classes for each module:

- Start Module action class
- Confirm Cancel action class

In addition to the above two, Separation, Leave of Absence and IDOC modules will need an action class for selecting an employee.

**Interceptors**

New interceptor classes will be created for each of the new modules. The interceptor classes check for cross-module access and illegal state.

The ReferenceNumberExceptionLoggingHandler logs all unexpected exceptions, and generate a 5 digit reference number for display to the user. Each reference number is prefaced with a two letter code indicating the module that the user was in. New two letter codes will be added for each of the new modules as follows:

- SP - Separation module
- LV - Leave of Absence module
- IT - Intercampus Transfer module
- ID - IDOC module

**Background Check**

Background check fields will be added to the employment information panel (panel 5). The new background check section will comprise of:

- A section header reading "Background Check"
- An area for section-level help, immediately below the section header.
- A table listing each background check previously entered for the employee.

**Note:** if an employee has no background check data, this table will have a single row that reads " - - background check information not yet added - - "

- A button labeled "Create New Background Check" that activates a dialog box allowing users to add new background check sets

Each item in the table should have an "edit" and "delete" button to allow users to edit or delete sets of background check data.

The delete button will activate a dialog box that asks users if they're sure they'd like to proceed with the delete. Only if they click yes on this dialog, should the data be deleted

Background check data will comprise of the two data elements below:

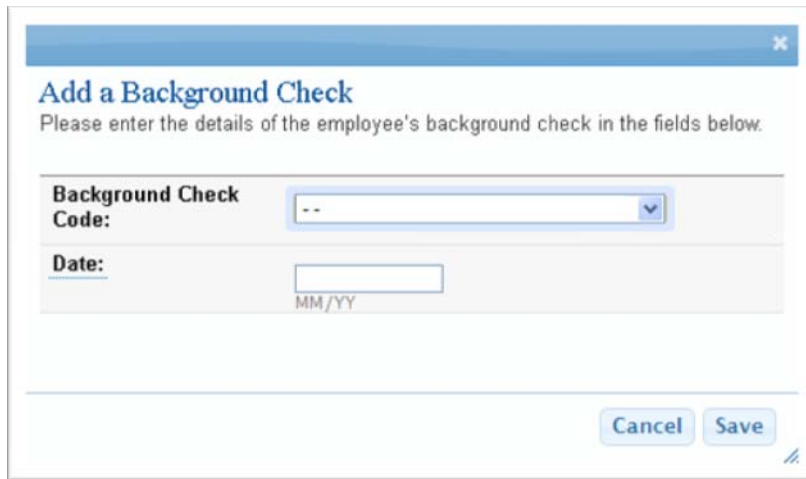
Field Name	DEN	Column / Table	Web Field Type
Background Check Code	740	BKGRND_CHECK_CD in PPPBKC	Dropdown Field, code and translations returned by the web service
Background Check		BKGRND_CHECK_DATE	Text field with mm/yy input mask (no date

Date	741	in PPPBKC	picker widget)
------	-----	-----------	----------------

A dialog box will be built to handle adding and editing background check data.

The dialog box will be made up of the following elements:

- A title reading "xxx a Background Check", where xxx reads either "Add" or "Edit" depending on the situation.
- One line of help text reading "Please enter the details of the employee's background check in the fields below"
- Two data fields conforming to details presented in the table above.
- A cancel button which closes the dialog without saving any of the changes.
- A save button that validates all fields with the range/value service, and saves the data when complete.



The screenshot shows a dialog box with a blue header bar containing a close button (X). Below the header, the title "Add a Background Check" is displayed in blue, followed by the instruction "Please enter the details of the employee's background check in the fields below." The main content area contains two rows of input fields. The first row is labeled "Background Check Code:" and has a dropdown menu with "--" selected. The second row is labeled "Date:" and has a text input field with "MM/YY" below it. At the bottom right of the dialog, there are two buttons: "Cancel" and "Save".

As with other multiple occurring data sets in the application (licenses and awards), the summary table will be re-rendered with the new background check details upon saving data from the dialog box.

### Honors and Awards Panel

A new panel will be created for Honors and Awards data. An item will be added to the main navigation bar (on the left of the screen) for this panel.



**ENTRY SCREENS**

- 1 Employee Identification
- 2 Personal Information
- 3 Address & Disclosures
- 4 Citizenship & Taxes
- 5 Employment Information
- 6 Appointments & Distributions
- 7 Education
- 8 Pay Disposition
- 9 Honors & Awards
- 10 Leave of Absence
- 11 Separation

**REVIEW AND SUBMIT**

- 12 Summary
- 13 Review Messages and Update
- 14 Post Authorization Notification (PAN)
- 15 Confirmation

### 9. Honors & Awards

---

#### Honors

**i** This screen allows entry and update of specific honors and their dates. Multiple honors and multiple dates may be entered for a single employee.

Type	Date	I want to ...
-- Honors not yet added --		

+ Create New Honor

---

#### Awards

**i** This screen allows entry and update of specific awards and their dates. Multiple awards and multiple dates may be entered for a single employee.

Type	Date	Source	Amount	I want to ...
-- Awards not yet added --				

+ Create New Award

← Prev
Next →

This panel will appear in all modules, including new hire, rehire, and changes. It will be the 9<sup>th</sup> panel (8<sup>th</sup> for campuses that don't use Pay Disposition). It will appear immediately after the Pay Disposition panel, both as an item in the navigation bar, and in the navigation flow when users click the "next" and "prev" buttons on the lower left of the application's panels.

The panel layout will be as follows.

- A panel header reading "Honors and Awards "
- A section with a section header reading "Honors"
- Another section with a section header reading "Awards"
- Each of the above sections will be modeled after standard, multiple occurring sets of data elsewhere in the application (see background check above, or the licence and certificates section on the Education panel)

Note: if there are no items in either table, a single line should be displayed in the table reading, " - - xxxxx have not yet been entered - - " xxxxx either reading honors or awards.

Each item in each of the tables will have an "edit" and "delete" button to allow users to edit or delete an honor or award. As with background checks (see previous section), a delete dialog box will be activated after clicking on the delete button for any item.

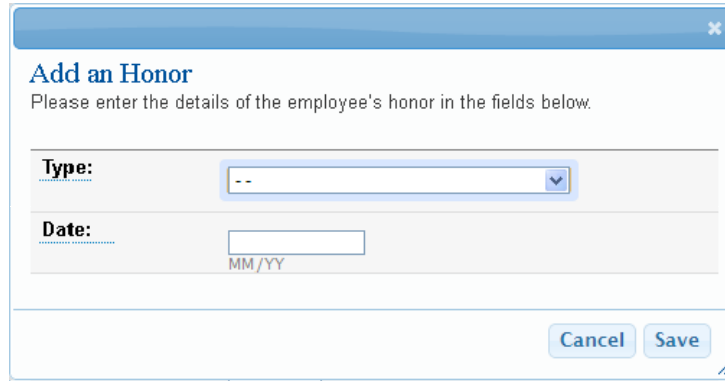
Honors data should be comprised of the two data elements below:

Field Name	DEN	Column / Table	Web Field Type
Honor Type Code	0713	HONOR_TYPE IN PPHON	Auto-fill text field, code and translations returned by the web service
Honor Date	0714	HONOR_DATE IN	Text field with mm/yy input mask (no date picker)

		PPPHON	widget)
--	--	--------	---------

A dialog box will be built to handle the addition and modification of honors data. The dialog box will be made up of the following elements:

- A title reading "xxx an Honor", where xxx reads either "Add" or "Edit" depending on the situation.
- One line of help text reading "Please enter the details of the employee's honor in the fields below".
- Two data fields conforming to details presented in the table above.
- A cancel button which closes the dialog without saving any of the changes.
- A save button that validates all fields with the range/value service, and saves the data when complete.



Awards data should be comprised of the five data elements below:

Field Name	DEN	Column / Table	Web Field Type
Award Number	0742	AWARD_ID IN PPPAWR	Do not display to user. This is generated by the system.
Award Type	0743	AWARD_TYPE in PPPAWR	Dropdown Field, code and translations returned by the web service
Award Date	0744	AWARD_DATE in PPPAWR	Text field with a MM/YY input mask and no date-picker widget
Award Source	0745	AWARD_SOURCE IN PPPAWR	13 char text field
Award Amount	0746	AWARD_AMOUNT IN PPPAWR	8 char text field with nnnnnn.nn input mask

A dialog box should be built to handle the addition and modification of awards data. The dialog box should be made up of the following elements:

- A title reading "xxx an Award", where xxx reads either "Add" or "Edit" depending on the situation.
- One line of help text reading "Please enter the details of the employee's award in the fields below".
- Four data fields conforming to details presented in the table above.
- A cancel button which closes the dialog without saving any of the changes.
- A save button that validates all fields with the range/value service, and saves the data when complete.

The "Next" button on the Honors and Awards panel will take users directly to the Summary panel instead of the Leaves of Absence panel.

### Separation Module

A new separation panel will be created, containing separation related data. This panel will be the first panel users are taken to when they click on the "Separation" option on the main menu and select an employee.

This panel should appear in all modules, including new hire, rehire, and changes. It will be the 11<sup>th</sup> panel (10<sup>th</sup> for campuses that don't use Pay Disposition). It should appear immediately after the Leave of Absence panel, both as an item in the navigation bar, and in the navigation flow when users click the "next" and "prev" buttons on the lower left of the application's panels.

The panel layout should be as follows.

- A panel header reading "Separation "
- A panel-level help section, formatted in the same manner as other panels in the system.
- Navigation buttons on the lower-right of the panel, for "submit", "next", and "previous". As in all other panels, in the case of new hires and rehires the "submit" button should not be displayed.

The separation panel will contain the following six fields.

Field Name	DEN	Column / Table	Web Field Type
Last Day on Pay	0189	LAST_DAY_ON_PA Y in PPPPER	Text field with MM/DD/YY input mask and date-picker widget
Separation Date	0140	SEPARATE_DATE in PPPPER	Text field with MM/DD/YY input mask and date-picker widget
Separation Reason Code	0141	SEPARATE_REASO N in PPPPER	Dropdown field with codes/translations provided by web service
Destination Code	0142	SEPARATE_DESTIN IN PPPPER	Dropdown field with codes/translations provided by web service
Future Institution Code	0702	FUTURE_INST in PPPPER	Auto-complete text field with codes/translations provided by web service . Please note: this data element does not exist in the CTT. The requirements workgroup has to come up with a list of values and translations.
Intercampus Transfer	0001	Action Code	Hard coded dropdown field with the four applicable Intercampus Transfer codes (same as employment information panel)

Please note, that this page will also contain the Intercampus transfer field. This field is also located on the Employee Information panel (panel 5), and changes to the field on either panel will cause a change to the value that ultimately gets passed to PPS.

The Separation tab will appear on the left of the screen in the Navigation Tabs for all modules will be grayed out unless the user is within the Separation module. If the user is not in the Separation module, they will not be able to access the separation screen.

### Leave of Absence Module

A new leave of absence panel will be created for the application containing leave of absence data. This panel will be the first panel users are taken to after they click on the "Leave of Absence" option on the main menu and select an employee.

**UCR EDB Update System** Welcome PAYRXG | Help | Main Menu | Log Off  
*Web Interface to the Payroll/Personnel System* **Demonstration**

**Leave of Absence** Employee Name: **ABSENT, MARCUS M.** ID: **000050020** Status: **A - Active** Cancel Transaction

**ENTRY SCREENS**

- 1 Employee Identification
- 2 Personal Information
- 3 Address & Disclosures
- 4 Citizenship & Taxes
- 5 Employment Information
- 6 Appointments & Distributions
- 7 Education
- 8 Pay Disposition
- 9 Honors & Awards
- 10 Leave of Absence
- 11 Separation

**REVIEW AND SUBMIT**

- 12 Summary
- 13 Review Messages and Update
- 14 Post Authorization Notification (PAN)
- 15 Confirmation

### 10. Leave of Absence

Please enter the employee's leave of absence information including Begin Date, Return Date, and Type.

<b>* Action Code:</b>	<input type="text" value="--"/>
<b>* Begin Date:</b>	<input type="text" value="MM/DD/YY"/>
<b>* Return Date:</b>	<input type="text" value="MM/DD/YY"/>
<b>* Type:</b>	<input type="text" value="--"/>

\* = Required field

This panel will appear in all modules, including new hire, rehire, and changes. It will be the 10<sup>th</sup> panel (9<sup>th</sup> for campuses that don't use Pay Disposition).

It should appear immediately after the Honors and Awards panel, both as an item in the navigation bar, and in the navigation flow when users click the "next" and "prev" buttons on the lower left of the application's panels.

The panel layout should be as follows.

- A panel header reading "Leave of Absence "
- A pave-level help section, formatted in the same manner as other panels in the system.
- Navigation buttons on the lower-right of the panel, for "submit", "next", and "previous".

The leave of absence panel will contain the following four fields.

Field Name	DEN	Column / Table	Web Field Type
Leave of Absence Begin Date	0137	LOA_BEGIN_DATE IN PPPPER	Text field with MM/DD/YY input mask and date-picker widget
Leave of Absence Return Date	0138	LOA_RETURN_DATE in PPPPER	Text field with MM/DD/YY input mask and date-picker widget
Leave of Absence Type Code	0139	LOA_TYPE_CODE in PPPPER	Dropdown field with codes/translations provided by web service
Action Code	0001	ACTION_CODE in PPPACT	Hardcoded dropdown with just the leave-related action codes.

Unlike four of the six EDB Update System actions on Main Menu--New Hire, Rehire, Separation, and Intercampus Action—which automatically generate action codes when selected, Leave of Absence actions require the user to enter the action type and code. The action code will be selected by the user from a dropdown list on the Leave of Absence screen. This dropdown

list should be limited to just leave of absence related action codes. The screen will also contain Begin Date and Return Date fields which should allow the user to select dates from a calendar. The Leave of Absence Type will be available for selection as a drop down menu.

### Intercampus Transfer Module

For all intents and purposes, an intercampus transfer is processed as a New Hire for the hiring campus and as a Separation for the terminating campus, but needs to be distinguished from normal hires and separations because there are policies concerning benefits, leave accrual, service credit, etc that must be followed. Identification is accomplished through the use of the following action codes.

- Action code 21 designates an employee transferring between two campuses
- Action code 36 designates an employee transferring between a campus and a lab or the state
- Action code 35 designates an employee transferring between a campus and UCOP
- Action code 51 designates an employee transferring to or from a medical center.

When *Intercampus Transfer* is selected from the main menu, the user should be presented with a panel comprised of the following:

### Intercampus Transfer

ENTRY SCREENS

- 1 Employee Identification
- 2 Personal Information
- 3 Address & Disclosures
- 4 Citizenship & Taxes
- 5 Employment Information
- 6 Appointments & Distributions
- 7 Education
- 8 Pay Disposition
- 9 Honors & Awards
- 10 Leave of Absence
- 11 Separation

REVIEW AND SUBMIT

- 12 Summary
- 13 Review Messages and Update
- 14 Post Authorization Notification (PAN)
- 15 Confirmation

Please answer the following questions before proceeding

---

**Is the employee transferring:**

- between two campuses
- between a campus and a lab/state
- between a campus and UCOP
- to or from a medical center

**Is this action being processed by:**

- the terminating campus
- the hiring campus

Next ▶

The answer to the first question, "is the employee transferring," will determine which action code will be associated with the transaction. For example if the user indicates transfer between campuses the system should automatically pass action code "21". This action code will be reflected in the *intercampus transfer*" dropdown field located on both the *Separation* and *Employment Information* panels in the application. They can be changed by the user at any time.

In addition, the answer to the second question, "is this action being processed by," will affect which module the application will use for the subsequent transaction, and as a consequence, will pass either action code 01 if the New Hire module is used, or action code 06 if the separation module is used. So, for every intercampus transfer, two action codes will be automatically included.

Navigation to the next screen will be controlled by the system based on the answer to the second question, "is this action being processed by."

If the action is being processed by the hiring campus the system will take the user to the Employee Identification screen within the New Hire module. The appropriate intercampus action will already be recorded, and will be reflected in the *intercampus transfer*" dropdown field located on both the *Separation* and *Employment Information* panels in the application.

Separations

If the action is being processed by the terminating campus, the system will take the user to the Separation screen within the Separations module. The appropriate intercampus transfer action will pre pre-populated.

A field to allow user to enter action codes for intercampus transfers will be added to the separation screen. This field is already included on the Employment Information screen but because of different processing scenarios this particular field will actually be located on two different screens.

**IDOC Module**

A new link will be added to the PPS main menu for IDOC printing. Upon selecting IDOC option, the user will be provided with a screen for employee selection, similar to other modules.

Currently, only a subset of IDOC choices are available in EDB Update application. The IDOC selection screen will be expanded to provide for all 37 IDOC choices.

The following is the list of IDOC types and the corresponding request code for PS022 web service.

IDOC Type	Request Code
<b>New Hire or Re-Hire</b>	
New Hire or Re-Hire	HIRE
<b>Personnel Summary</b>	
All - Landscape	STND
All - Portrait	STN2
<b>Benefits Enrollment</b>	
Benefits Enrollment	BENI
Retirement and Savings	RETS
<b>Separation</b>	
Separation	SEPR
Layoff	LAYO
<b>Change in Appt Info</b>	
Promotion	X001
Demotion	X002
Reclassification Upward	X003
Reclassification Lateral	X004
Reclassification Downward	X005
Renewal of Appointment	X006
Additional Employment	X007
Lateral Transfer	X008
Employment in Different Academic Series	X009
Change from Limited to Career Status	X010
Change from Casual Restrict to Limited Status	X011
<b>Change in Salary Info</b>	
Merit Increase	X012
Change in Funding	X013
Change in Percent of Full Time	X014
Six Month Increase	X015
Limited Increase	X016
Exceptional Equity Increase	X017
Change in HSCP Negotiated Salary	X018

Adding a Stipend	X019
Other Payrate Change	X020
<b>Change in Personal Info</b>	
Change in Personal Information	X021
Change in Visa Type	X022
Extension of Visa End Date	X023
<b>Leave of Absence Info</b>	
Leave of Absence with Full Pay	X024
Leave of Absence with Partial Pay	X025
Leave of Absence without Pay	X026
<b>Sabbatical Leave Info</b>	
Sabbatical Leave at Full Salary	X027
Sabbatical Leave at Partial Salary	X028
Sabbatical Leave in Residence	X029
<b>Special Request</b>	
Request for Status	X030

The IDOC selection choices will be divided into three screens:

**Select and Print IDOC**

---

Choose the appropriate IDOC type:

<p><b>New Hire or Re-Hire</b></p> <p><a href="#">New Hire or Re-Hire</a></p> <hr/> <p><b>Personnel Summary</b></p> <p><a href="#">All - Landscape</a></p> <p><a href="#">All - Portrait</a></p>	<p><b>Benefits Summary</b></p> <p><a href="#">Benefits Enrollment</a></p> <p><a href="#">Retirement and Savings</a></p> <hr/> <p><b>Separation</b></p> <p><a href="#">Separation</a></p> <p><a href="#">Layoff</a></p>	<p><b>Others</b></p> <p><a href="#">Change-in-Status</a></p> <p><a href="#">Leave/Sabbatical</a></p>
---	--	--



**Select and Print IDOC**

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Choose the appropriate IDOC type:

<b>Changes in Appt Info</b>	<b>Changes to Salary Info</b>	<b>Changes in Personal Info</b>
<a href="#">Promotion</a>	<a href="#">Merit Increase</a>	<a href="#">Change in Personal Information</a>
<a href="#">Demotion</a>	<a href="#">Change in Funding</a>	<a href="#">Change in Visa Type</a>
<a href="#">Reclassification Upward</a>	<a href="#">Change in Percent of Full Time</a>	<a href="#">Extension of Visa End Date</a>
<a href="#">Reclassification Lateral</a>	<a href="#">Six Month Increase</a>	
<a href="#">Reclassification Downward</a>	<a href="#">Limited Increase</a>	<b>Special Request</b>
<a href="#">Renewal of Appointment</a>	<a href="#">Exceptional Equity Increase</a>	<a href="#">Request for Status</a>
<a href="#">Additional Employment</a>	<a href="#">Change in HSCP Negotiated Salary</a>	
<a href="#">Lateral Transfer</a>	<a href="#">Adding a Stipend</a>	<b>Others</b>
<a href="#">Employment in Different Academic Series</a>	<a href="#">Other Payrate Change</a>	<a href="#">Other IDOCs</a>
<a href="#">Change from Limited to Career Status</a>		
<a href="#">Change from Casual Restrict to Limited Status</a>		

**Select and Print IDOC**

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Choose the appropriate IDOC type:

<b>Leave of Absence Info</b>	<b>Sabbatical Leave Info</b>	<b>Others</b>
<a href="#">Leave of Absence with Full Pay</a>	<a href="#">Sabbatical Leave at Full Salary</a>	<a href="#">Other IDOCs</a>
<a href="#">Leave of Absence with Partial Pay</a>	<a href="#">Sabbatical Leave at Partial Salary</a>	
<a href="#">Leave of Absence without Pay</a>	<a href="#">Sabbatical Leave in Residence</a>	

The IDOCs are printed using JasperReports. Currently, the page size is incorrectly set to "A4". This will be changed to the standard page size "Letter".

Since IDOC will become a module by itself, the IDOC navigation button on the left panel will be eliminated. Access to IDOC module will be available from the confirmation screen of all modules.

### Summary Panel

The summary panel offers users a glimpse of all data involved in the transaction. Several new areas will be developed for newly added panels and data elements described in the previous sections.

A new area at the bottom of the *Employment Information* will be developed for background check data.

Background Checks
Background Check: 01 - PREVIOUS EMPLOYERS REFERENCE Date: 07/06
Background Check: 02 - CRIMINAL CONVICTION RECORD CK Date: 07/07
Background Check: 08 - DMV DRIVING RECORDS CHECK Date: 07/07

The summary section for Honors and Awards will be divided into two areas: one for Honors, and one for Awards. Each area may have several sets of award or honor data, or may have none.

Honors and Awards	New Data	Old Data	Edit
<b>Honors</b>			
Honor Type: BDS - Bachelor of Dental Surgery Honor Date: 09/10			NEW
<b>Awards</b>			
Award Type: IAP - INCENTIVE AWARD PROGRAM Award Date: 09/10	NEW	Award Source: WAGES Award Amount: 200.00	NEW

The Separation section will contain all 6 of the data elements.

Separation	New Data	Old Data	Edit
Last Day on Pay: -- Separation Date: -- Separation Reason Code: --		Destination Code: -- Future Institution Code: -- Intercampus Transfer: --	

The Leave of Absence section will contain all four of the data elements

Leave of Absence	New Data	Old Data	Edit
Leave Begin Date: -- Leave Return Date: --		Leave Type Code: -- Action Code: --	

### Panel Level Help

Panel level help will be defined as follows:

#### Separation Panel

Please enter the employee's separation information including Last Day on Pay, Separation Date, and Separation Reason Code.

#### Honors and Awards Panel

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 SR83214/SR83224/SR83318 Detail Design  
 August 16, 2011

This screen allows entry and update of specific honors and their dates. Multiple honors and multiple dates may be entered for a single employee.

This screen allows entry and update of specific awards and their dates. Multiple awards and multiple dates may be entered for a single employee.

Leave of Absence Panel

Please enter the employee's leave of absence information including Begin Date, Return Date, and Type.

**Module Level Help**

While a user is working with a separation, leave of absence, rehire or changes to employee records, (other modules are excluded), there will be a special icon in the module bar where users can click (or rollover) for a brief navigation related hint, and find shortcuts to the panels they should visit before submitting the transaction. The list of panels will be customizable by campus.

A campus will be able to setup "Navigation Wizard" for a module by defining two properties:

- Navigation Wizard help text
- List of panels for short-cut access

Campus Customization Guide will be updated with a new section on setting up and customization of "Navigation Wizard".

The screenshot shows the 'Employee Record Change' interface. At the top, it says 'UCR EDB Update System' and 'Web Interface to the Payroll/Personnel System'. The user is 'PAYRXG' and is viewing the 'Employee Record Change' page for 'ABSENT, MARCUS M.' (ID: 000050020, Status: A - Active). The page is titled '1. Employee Identification'. A yellow box contains instructions: 'To process a change and/or correction to the employee's name, birth date or social security number, update the existing data with the correct data and then update the change(s) by clicking the "Submit" button. Please note: The employee name must match the name shown on the social security card. If the name on the social security card, the University may be subject to fines and penalties.' The form fields are: Employee Name (MARCUS M.), Date of Birth (09/18/57), and Social Security Number (555-55-5020). A sidebar on the left lists 'ENTRY SCREENS' from 1 to 11, with 1 selected. A sidebar on the right lists shortcuts for updating an employee record. The bottom right has 'Submit' and 'Next' buttons.

**Field Level Help**

For each new field added to the application, a new help text file will be added to the field level help area. In most cases, the help text will mimic the CICS help. The following fields will be added:

- Background Check Code

- Background Check Date
- Honor Type Code
- Honor Date
- Award Number
- Award Type
- Award Date
- Award Source
- Award Amount
- Last Day on Pay
- Separation Date
- Separation Reason Code
- Destination Code
- Future Institution Code
- Leave of Absence Begin Date
- Leave of Absence Return Date
- Leave of Absence Type Code
- Leave of absence Action Code
- E-Verify Date
- E-Verify Code

### Navigation Changes

When user clicks on either the **Separations** or **Leave of Absence** links, they will be taken to the same Employee Selection panel as if they clicked the "Change Existing Record" link, with one difference. The navigation bar on the left will not be active, preventing the user from navigating to any panel at the beginning of the transaction. Instead, once they select an employee (using the Select button), users should be taken to either the *Leave of Absence* panel, or the *Separation* panel.

When users click on the **Intercampus Transfer** link, they will be taken to a new Intercampus Transfer panel.

### Action Codes

Unlike four of the seven EDB Update System actions on Main Menu - New Hire, Rehire, Separation, and Intercampus Transfer, which automatically generate action codes when selected, Leave of Absence actions require the user to enter the action type and code. The action code will be selected by the user from a dropdown list on the Leave of Absence screen. This drop-down list will be limited to just leave of absence related action codes

### Campus Specific Fields

In the current version of application, campuses have the ability to add any campus specific field for data entry. However, this ability was restricted to only Employment Information panel and to plain text fields.

This feature of the application will be greatly enhanced. Along with the data element number (DEN) and field label, the campus will be able to utilize most of the rich user interface experience of the application.

The application will allow for adding one or more addition fields on any of the following panels:

- Personal Information
- Address & Disclosures
- Citizenship & Taxes
- Employment Information
- Education
- Pay Disposition
- Honors & Awards

The application will allow for adding the following types of fields:

- Radio Button

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SR83214/SR83224/SR83318 Detail Design  
August 16, 2011

- Drop Down List
- Auto Fill Text
- Text Field
- Display Only

The application will allow for adding a hint at the bottom of the input field. However, the hint options will be limited to a few pre-defined hints within the application.

The application will allow for marking a field as mandatory. This will put a red asterisk before the field label.

The application will allow for specifying maximum characters for data entry.

For radio button, drop down list and auto fill text fields, the application will require a list name. However, the list names will be limited to a pre-defined list within the application. For auto fill text fields, application will also require the field code length.

Campus Customization Guide will be updated with documentation on setting up campus specific fields.

### FAU Enhancements

Full Account Unit (FAU) field appears on the distribution panel. This is a multi-part entry field. Currently, users are required to enter each part of the FAU to complete a distribution. However, some campuses use partial FAU data entry. The remaining FAU parts are derived by the system.

FAU derivation functionality will be added to EDB Update application. FAU derivation functionality will be campus customizable.

When the user finishes entering the required components of FAU, the application will call RVE web service using AJAX call to validate the FAU and receive the complete FAU populated with the derived values. The full FAU will be displayed back to the user. The derived components of the FAU will be protected from user entry.

#### Use Case:

FAU consist of the following components:

FAU Component	Enterable/Derived
Location	Derived
Index	User entered
Organization	Derived
Program	Derived
Fund	Derived
Sub-account	User entered

In this case, only Index and Sub-account components are enterable. As soon as user completes entering or changing one of the two, system will derive and populate the remaining components. In case of an error, the Index and Sub-account fields will be high-lighted to indicate invalid values.

Campus Customization Guide already provides for instruction on how to setup FAU components. It will be updated to include instructions for setting up enterable and derivable FAU components.

### Miscellaneous Changes

- The following two new fields will be added to the Employment Information panel. Field level help will be created using current CICS help.

Field Name	DEN	Web Field Type
E-Verify Date	1164	Text field with MM/DD/YY input mask and date-picker widget
E-Verify Code	1165	Dropdown field with codes/translations

		provided by web service
--	--	-------------------------

The Employment Information panel will look like:

### 5. Employment Information

<b>Most Recent Date of Hire:</b>	<input type="text" value="07/01/87"/> MMDD/YY
<b>Original Date of Hire:</b>	<input type="text"/> MMDD/YY
<b>Oath Signature Date:</b>	<input type="text" value="07/01/87"/> MMDD/YY
<b>I-9 Signature Date:</b>	<input type="text"/> MMDD/YY
<b>E-Verify Date:</b>	<input type="text" value="04/27/10"/> MMDD/YY
<b>E-Verify Status:</b>	C - [No translation available]
<b>BELI (Assigned):</b>	1 - Full Benefits
<b>BELI Effective Date:</b>	<input type="text" value="02/01/91"/> MMDD/YY

These will impact changes to summary panel as follows:

Employment Information		New Data	Old Data	Edit
Most Recent Date of Hire: 07/01/87	Employee Relations Code: E - Not Confidential			
Original Date of Hire: --	Academic Programmatic Unit Code: --			
Oath Signature Date: 07/01/87	Home Department Code: 804918 - CHAN OFFICE			
I-9 Signature Date: --	Alternate Department Code: --			
E-Verify Date: 04/27/10	Special Training Code: --			
E-Verify Status: C				
BELI (Assigned): 1	Probationary Period End Date: --			
BELI Effective Date: 02/01/91	Next Salary Review Date: 10/04			
Student Status: 1 - Not Registered	Next Salary Review Type: 2 - Merit Increase			
Number of Units: --	Intercampus Transfer: --			

- On the PAN screen, user will get an error message if a duplicate PAN reviewer is being added.

Add Recipient by...

<div style="border: 1px solid gray; padding: 5px;"> <p style="color: red; font-size: small;">Duplicate Entry. Entry Already exists.</p> <input type="text" value="PAYMRV"/> User ID           </div> <div style="text-align: right; margin-top: 5px;"><input type="button" value="Add"/></div>	or	<div style="border: 1px solid gray; padding: 5px;"> <p style="color: red; font-size: small;">Duplicate Entry. Entry Already exists.</p> <input type="text" value="MARIA.VILLANUEVA@UCOP.EDU"/> Email Address           </div> <div style="text-align: right; margin-top: 5px;"><input type="button" value="Add"/></div>	or	<div style="border: 1px solid gray; padding: 5px;"> <p style="color: red; font-size: small;">Duplicate Entry. Entry Already exists.</p> <input type="text"/> Last Name           </div> <div style="text-align: right; margin-top: 5px;"><input type="button" value="Find"/></div>
--	----	---	----	--

- The pay disposition screen will display the appropriate bank account number format as a hint below the field. This will be changed/updated if the user changes either the bank code or account type indicator.

<b>Direct Deposit Bank Table Key</b>	<input type="text" value="BOFAN - BANK OF AMERICA-NORTH"/> <small>Begin typing name of bank</small>
<b>Checking/Savings Indicator</b>	<input type="button" value="C - Checking"/>
<b>Bank Account Number</b>	<input type="text" value="12345-98765"/> <small>#####-#####</small>

- Currently, the template save function overwrites an existing template if the name provided already exists. This will be changed to alert and receive a confirmation before overwriting an existing template.



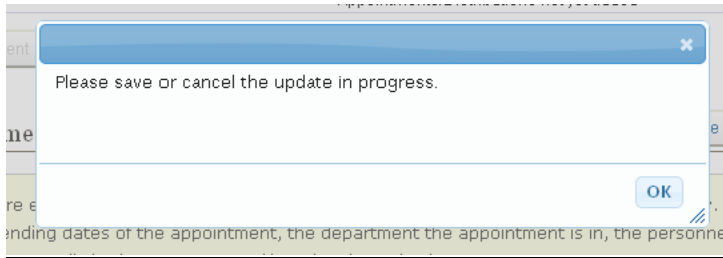
A new confirmation message will be added after the template is saved.



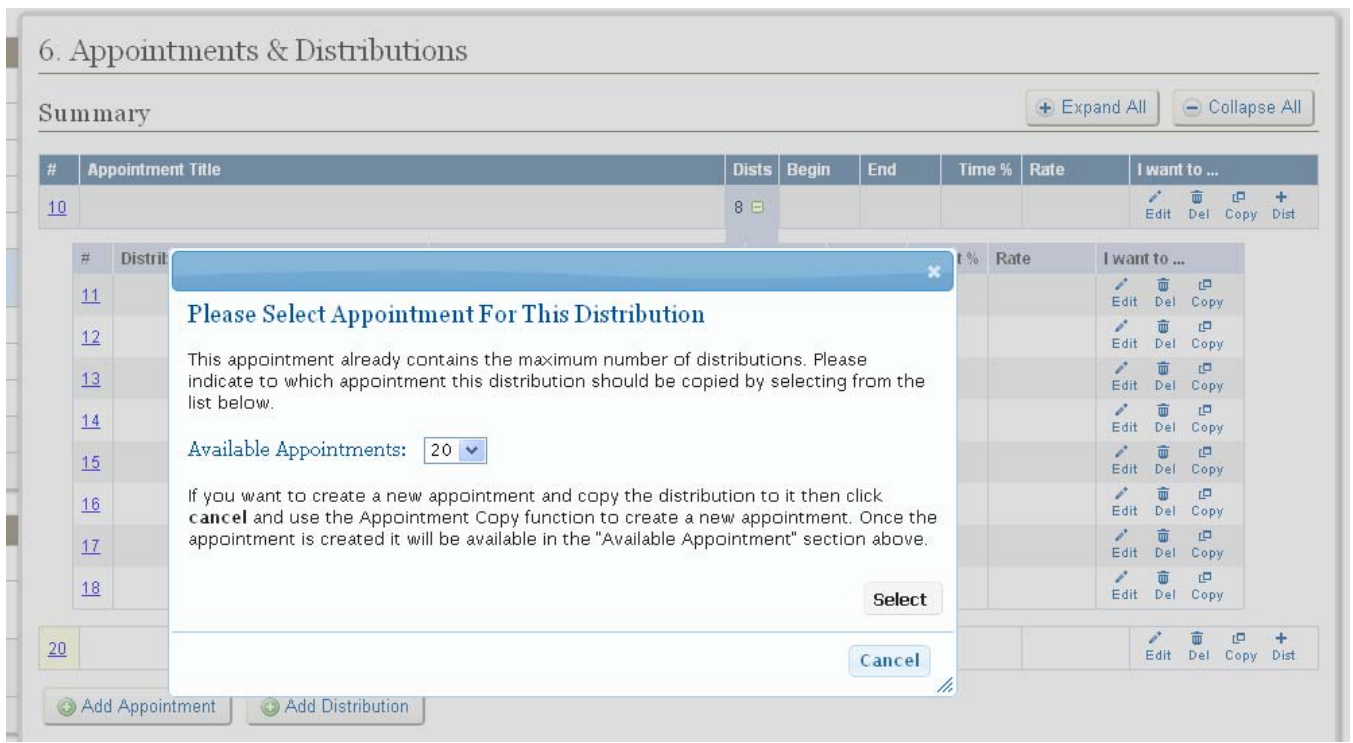
- Currently, application does not save empty “campus address” and “appointment” templates. While empty “distribution” templates are save. This will be made consistent. If the user is attempting to save an empty template, the application will issue an alert message.



- Currently, when saving an appointment template, 2 fields, Basis and Timeover, are not saved. Also, when recalling a template with related appointment type value, the two fields are unavailable for data entry. This will be corrected.
- Currently, a user loses any current appointment or distribution data if a newhire transaction is “suspended” while in the middle of adding/editing an appointment or a distribution. This will be changed to alert user to save the current appointment/distribution.



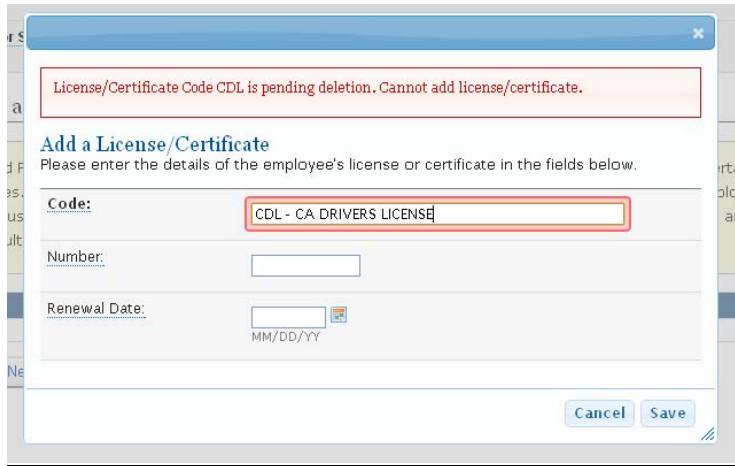
- The message on the “Suspended transaction” dialog will be enhanced to say: “Below is a list of your suspended transactions. Select one transaction from the list and click the “use” button to resume. Note that a transaction that has been taken out of suspense will not appear on the list of suspended items unless you suspend it again.”
- Distribution “copy” function will be enhanced, so that the user can copy an existing distribution to another appointment if the current appointment is fully used up. The user will be prompted with a list of available appointments, if any, for selection. Upon selecting an appointment, the system will create a copy of the current distribution, assigning it the first available distribution number in the selected appointment.



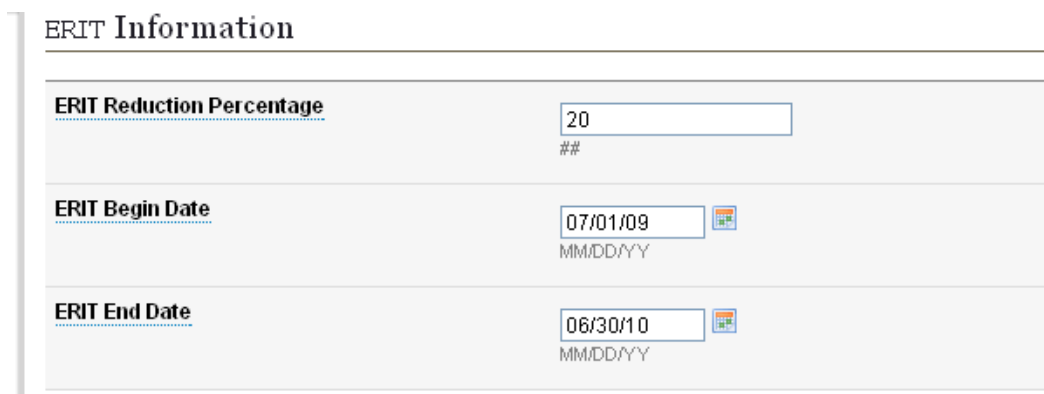
- Currently, the application removes any special symbol (like \$ or % etc.) from the user entered PAN comments. This was being done for security reasons. Since, the application is not prone to “SQL injection” attack, most commonly used special characters will be allowed.
- Currently, the application tries to close any existing “help” window before displaying a new one. This, sometimes, results in HTML error. This will be changed to utilize existing window, if any, and making the “help” window as current.



- Currently, if the user deletes an existing license data and adds it again in the same transaction, the new license data is not saved in the database. This will change to prevent adding an existing license data until the delete transaction is completed.



- Currently, the bank account number field on the “Pay Disposition” panel is defined as 13 character length. This will be corrected to match base PPS, where the maximum length for this field is 17 characters.
- On the Appointment & Distribution panel, the “Expand All” and “Collapse All” buttons behavior will be enhanced.
  - The application will remember the state of the summary table (expanded or collapsed).
  - If the user clicks on “Expand All” button, the summary table will remain in expanded form as long as the user is on this panel.
  - After an appointment or distribution is saved, its number will flash for a few seconds to alert user of which appointment or distribution was worked on.
  - In “collapsed” state, the appointment being worked on will automatically be expanded for the user after the appointment or one of its distributions are saved.
- The “START Information” section on the Appointment & Distribution panel and Summary panel will be re-branded as “ERIT Information”. The field-level help files corresponding to this section will be updated as well.



## **Appendix A – PPS Web Application Supported Technologies**

### **Supported Browsers:**

- IE 7.0, 8.0
- Firefox, 2.0, 3.6

### **EDBUpdate Applications Technologies**

- Struts 2 Release 2.1.6
- Struts Tiles 2.1.2
- Struts 2 OGNL 2.6.11
- Spring Framework 2.5.3
- xwork 2.1.2
- Jaspereports 3.7.6
- Itext 2.1.5
- Textile 2.2
- Various Apache commons libraries
- Javascript Libraries
  - jQuery 1.4.2
  - JQuery-ui 1.7.2
  - Autocomplete 1.0.2 - jQuery plugin
  - Autotab 1.1b - jQuery plugin
  - Bestupper 1.0 – jQuery plugin
  - jqGrid 3.5.2 - jQuery plugin
  - jQuery Form 2.28 - jQuery plugin
  - Masked Input 1.0 – jQuery plugin
  - Numberformatter – jQuery plugin
  - scrollTo – jQuery plugin
  - jquery.alerts – jQuery plugin
  - jquery.ba-outside-events – jQuery plugin

### **PPSWebServices Technologies**

- Sun Metro 1.5

## **Appendix B – PPS WebServices Changed Entities**

### **Web Services XML files**

- The following web services XML file have been changed:

/etc/PS001-jaxb-bindings.xml  
/etc/PS001-jaxws-bindings.xml  
/etc/PS001.wsdl  
/etc/PS022-jaxb-bindings.xml  
/etc/PS022.wsdl  
/src/java/main/META-INF/wsdl/PS001.wsdl  
/src/java/main/META-INF/wsdl/PS006.wsdl  
/src/java/main/META-INF/wsdl/PS022.wsdl

- The following web services member have been deleted:

/etc/PX010-jaxb-bindings.xml  
/etc/PX010-jaxws-bindings.xml  
/etc/PX010.wsdl  
/src/java/main/META-INF/wsdl/PX010.wsdl

### **Domain Classes**

- The following new domain classes have been added:

/src/java/main/edu/ucop/edb/domain/AwardItem.java  
/src/java/main/edu/ucop/edb/domain/BkgrndCheckItem.java  
/src/java/main/edu/ucop/edb/domain/HonorItem.java

- The following domain classes have been changed:

/src/java/main/edu/ucop/edb/domain/AppointmentTemplate.java  
/src/java/main/edu/ucop/edb/domain/CampusAddrTemplate.java  
/src/java/main/edu/ucop/edb/domain/DistributionTemplate.java  
/src/java/main/edu/ucop/edb/domain/EmployeeData.java  
/src/java/main/edu/ucop/edb/domain/SimpleDataElement.java

- The following domain class implementations classes have been moved from /src/java/main/edu/ucop/edb/domain/ to /src/java/main/edu/ucop/edb/domain/impl:

/src/java/main/edu/ucop/edb/domain/impl/AbstractTemplateImpl.java  
/src/java/main/edu/ucop/edb/domain/impl/AppointmentTemplateImpl.java  
/src/java/main/edu/ucop/edb/domain/impl/CampusAddrTemplateImpl.java  
/src/java/main/edu/ucop/edb/domain/impl/DistributionTemplateImpl.java  
/src/java/main/edu/ucop/edb/domain/impl/DocumentTextLineImpl.java  
/src/java/main/edu/ucop/edb/domain/impl/IdocDocumenttResultImpl.java  
/src/java/main/edu/ucop/edb/domain/impl/SimpleDataElement.java  
/src/java/main/edu/ucop/edb/domain/impl/UserAuthorizationInputProfileImpl.java  
/src/java/main/edu/ucop/edb/domain/impl/UserAuthorizationOutputProfileImpl.java

### **Utility Classes**

- The following new utility classes have been added:

*/src/java/main/edu/ucop/edb/util/DEN.java*

### **Adapter Classes**

- The following new adapter classes have been added:

*/src/java/main/edu/ucop/ppsws/adapter/AppointmentAndDistributionsParser.java*  
*/src/java/main/edu/ucop/ppsws/adapter/AwardsParser.java*  
*/src/java/main/edu/ucop/ppsws/adapter/BkgrndChecksParser.java*  
*/src/java/main/edu/ucop/ppsws/adapter/EDBEmployeeAdapterImpl.java*  
*/src/java/main/edu/ucop/ppsws/adapter/EmpDataImpl.java*  
*/src/java/main/edu/ucop/ppsws/adapter/FinancialAidParser.java*  
*/src/java/main/edu/ucop/ppsws/adapter/HonorsParser.java*  
*/src/java/main/edu/ucop/ppsws/adapter/LeaveAccrualPeriodsParser.java*  
*/src/java/main/edu/ucop/ppsws/adapter/LicenseAndCertsParser.java*  
*/src/java/main/edu/ucop/ppsws/adapter/OccurrenceValuePair.java*  
*/src/java/main/edu/ucop/ppsws/adapter/RepeatingDataElementParser.java*  
*/src/java/main/edu/ucop/ppsws/adapter/WorkStudyParser.java*

### **Web Services Client Classes**

- The following web service related classes have been re-generated:

*/src/java/main/edu/ucop/ppsws/client/PS001Client.java*  
*/src/java/main/edu/ucop/ppsws/client/ps001/EmployeeDataElement.java*  
*/src/java/main/edu/ucop/ppsws/client/ps001/PS001Client.java*  
*/src/java/main/edu/ucop/ppsws/client/ps001/PS001Input.java*  
*/src/java/main/edu/ucop/ppsws/client/ps001/PS001Service.java*  
*/src/java/main/edu/ucop/ppsws/client/ps008/SubmitEmpResponse.java*  
*/src/java/main/edu/ucop/ppsws/client/ps022/ObjectFactory.java*  
*/src/java/main/edu/ucop/ppsws/client/ps022/PS022Request.java*  
*/src/java/main/edu/ucop/ppsws/client/ps022/PS022Service.java*

- The following web service related classes have been deleted:

*/src/java/main/edu/ucop/ppsws/client/px010/InputWrapper.java*  
*/src/java/main/edu/ucop/ppsws/client/px010/ObjectFactory.java*  
*/src/java/main/edu/ucop/ppsws/client/px010/OutputWrapper.java*  
*/src/java/main/edu/ucop/ppsws/client/px010/PX010Input.java*  
*/src/java/main/edu/ucop/ppsws/client/px010/PX010InputWrapper.java*  
*/src/java/main/edu/ucop/ppsws/client/px010/PX010Output.java*  
*/src/java/main/edu/ucop/ppsws/client/px010/PX010OutputWrapper.java*  
*/src/java/main/edu/ucop/ppsws/client/px010/PX010Service.java*  
*/src/java/main/edu/ucop/ppsws/client/px010/UserTokenService.java*  
*/src/java/main/edu/ucop/ppsws/client/px010/package-info.java*

### **Façade Classes**

- The following façade classes have been changed:

*/src/java/main/edu/ucop/edb/facade/EmployeeFetchFacade.java*

- The following new façade classes have been added:

/src/java/main/edu/ucop/ppsws/edb/facade/LogoffFacade.java

- The following exception classes have been moved from /src/java/main/edu/ucop/ppsws/edb/face/ to /src/java/main/edu/ucop/ppsws/edb/facade/exception/:

/src/java/main/edu/ucop/ppsws/edb/facade/exception/GeneralServiceErrorFacadeException.java  
/src/java/main/edu/ucop/ppsws/edb/facade/exception/NoActiveProcessException.java  
/src/java/main/edu/ucop/ppsws/edb/facade/exception/PanCommentRequiredException.java  
/src/java/main/edu/ucop/ppsws/edb/facade/exception/PanNotFoundException.java  
/src/java/main/edu/ucop/ppsws/edb/facade/exception/SuspendSessionNotFound.java  
/src/java/main/edu/ucop/ppsws/edb/facade/exception/TemplateNotFoundException.java

- The following facade class implementations classes have been moved from /src/java/main/edu/ucop/ppsws/edb/face/ to /src/java/main/edu/ucop/ppsws/edb/facade/impl/:

/src/java/main/edu/ucop/ppsws/edb/facade/impl/AppParamLookupFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/BrowseFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/CancelFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/DocumentFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/EmpNameManipulationFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/EmployeeFetchFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/IIDFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/LogoffFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/PPSWSEditFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/PPSWSRangeValueEditFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/PPSWSTranslationServiceFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/PanFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/PanReviewerImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/SubmitEmpFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/SuspendFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/TemplateFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/TokenServiceFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/UniqueMatchFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/UserAuthorizationFacadeImpl.java  
/src/java/main/edu/ucop/ppsws/edb/facade/impl/UserIdFacadeImpl.java

## **Appendix C – PPS Web Changed Entities**

### **Struts Action Classes**

- The following action classes have been changed:

/src/edu/ucop/ppsweb/actions/AccessEDBUpdateAction.java  
/src/edu/ucop/ppsweb/actions/MainMenuAction.java:

- The following action classes have been deleted:

/src/edu/ucop/ppsweb/actions/AccessEDBNewHireAction.java

### **Business Delegate Classes**

- The following business delegate classes have been changed:

/src/edu/ucop/ppsweb/business/PPSWebBusinessDelegate.java

- The following business delegate classes have been added :

/src/edu/ucop/ppsweb/business/AuthenticationDelegate.java  
/src/edu/ucop/ppsweb/business/ChangeUserDelegate.java  
/src/edu/ucop/ppsweb/business/EDBAvailability.java  
/src/edu/ucop/ppsweb/business/LogUserOffDelegate.java

- The following façade classes have been deleted :

/src/edu/ucop/ppsweb/facade/AuthenticationFacade.java  
/src/edu/ucop/ppsweb/facade/ChangeUserFacade.java  
/src/edu/ucop/ppsweb/facade/EDBAvailability.java  
/src/edu/ucop/ppsweb/facade/LogUserOffFacade.java

### **Java Filter Classes**

- The following Java filter classes have been changed:

/src/edu/ucop/ppsweb/util/SessionFilter.java

### **Struts Configuration Files**

- The following Struts configuration files have been changed:

/WebContent/WEB-INF/struts-config.xml

### **JSP Files**

- The following JSP files have been changed:

/WebContent/mainmenu.jsp  
/WebContent/version.jsp

Release 1990  
SR83214/SR83224/SR83318 Detail Design  
August 16, 2011

**CSS Stylesheet Files**

- The following CSS stylesheet files have been changed:

/WebContent/css/pps.css

## **Appendix D – EDB Update Changed Entities**

### **jasperReport Files**

- The following jasperReport files have been changed:

/WebContent/JReports/IdocDocument.jasper  
/WebContent/JReports/IdocDocumentLandscape.jasper  
/WebContent/jrxml/IdocDocument.jrxml  
/WebContent/jrxml/IdocDocumentLandscape.jrxml

- jasperReport has been upgraded to version 3.7.6
- iText has been upgraded to version 2.1.5

### **Custom JSP Tags**

- summary-tags.tld has been renamed to edbUpdate-tags.tld
- The following new tag classes have been added

/src/main/java/edu/ucop/edbupdate/util/taglib/ActionCodeFieldSummaryTag.java  
/src/main/java/edu/ucop/edbupdate/util/taglib/AdditionalFieldsTag.java  
/src/main/java/edu/ucop/edbupdate/util/taglib/AwardFieldSummaryTag.java  
/src/main/java/edu/ucop/edbupdate/util/taglib/BkgrndCheckFieldSummaryTag.java  
/src/main/java/edu/ucop/edbupdate/util/taglib/HonorFieldSummaryTag.java  
/src/main/java/edu/ucop/edbupdate/util/taglib/IndexedFieldSummaryTag.java

- The following tag classes have been changed

/src/main/java/edu/ucop/edbupdate/util/taglib/ApptFieldSummaryTag.java  
/src/main/java/edu/ucop/edbupdate/util/taglib/BaseSummaryTag.java  
/src/main/java/edu/ucop/edbupdate/util/taglib/DistFieldSummaryTag.java  
/src/main/java/edu/ucop/edbupdate/util/taglib/EmpFieldSummaryTag.java  
/src/main/java/edu/ucop/edbupdate/util/taglib/FauSummaryTag.java  
/src/main/java/edu/ucop/edbupdate/util/taglib/LicenseFieldSummaryTag.java

### **Images**

- The following new images have been added

/WebContent/images/help.gif  
/WebContent/images/important.gif  
/WebContent/images/info.gif  
/WebContent/images/title.gif

- The following images have been changed

/WebContent/images/pint-icons.png



## JavaScripts

- The following new JavaScripts have been added

/WebContent/javascripts/domain-modals.js  
/WebContent/javascripts/individual\_page\_behaviors/honors-and-awards.js  
/WebContent/javascripts/individual\_page\_behaviors/intercampus-transfer.js  
/WebContent/javascripts/plugins/jquery.alerts.js  
/WebContent/javascripts/plugins/jquery.ba-outside-events.js

- The following JavaScripts have been changed

/WebContent/javascripts/common.js  
/WebContent/javascripts/ppsweb.js  
/WebContent/javascripts/templates.js  
/WebContent/javascripts/constructors/CollapsibleContainer.js  
/WebContent/javascripts/constructors/ModuleBar.js  
/WebContent/javascripts/constructors/NavBar.js  
/WebContent/javascripts/constructors/NavButtons.js  
/WebContent/javascripts/individual\_page\_behaviors/address-and-disclosures.js  
/WebContent/javascripts/individual\_page\_behaviors/appts-and-dists.js  
/WebContent/javascripts/individual\_page\_behaviors/education.js  
/WebContent/javascripts/individual\_page\_behaviors/employment-information.js  
/WebContent/javascripts/individual\_page\_behaviors/idoc.js  
/WebContent/javascripts/individual\_page\_behaviors/pay-disposition.js  
/WebContent/javascripts/individual\_page\_behaviors/personal-information.js  
/WebContent/javascripts/individual\_page\_behaviors/post-auth-notification.js  
/WebContent/javascripts/individual\_page\_behaviors/review.js

## JSPs

- The following new JSPs have been added

/WebContent/jsp/common/employeeEntry/honors\_and\_awards.jsp  
/WebContent/jsp/common/employeeEntry/idoc\_change\_selection.jsp  
/WebContent/jsp/common/employeeEntry/idoc\_leave\_selection.jsp  
/WebContent/jsp/common/employeeEntry/idoc\_selection.jsp  
/WebContent/jsp/common/employeeEntry/intercampus\_transfer.jsp  
/WebContent/jsp/common/employeeEntry/leave\_of\_absence.jsp  
/WebContent/jsp/common/employeeEntry/replace\_existing\_template.jsp  
/WebContent/jsp/common/employeeEntry/separation.jsp  
/WebContent/jsp/common/tiles/add\_award.jsp  
/WebContent/jsp/common/tiles/add\_bkgrnd\_check.jsp  
/WebContent/jsp/common/tiles/add\_honor.jsp  
/WebContent/jsp/common/tiles/additionalFields.jsp  
/WebContent/jsp/common/tiles/awards.jsp  
/WebContent/jsp/common/tiles/bkgrnd\_checks.jsp  
/WebContent/jsp/common/tiles/honors.jsp  
/WebContent/jsp/common/tiles/layout\_with\_bkgrnd\_checks.jsp  
/WebContent/jsp/common/tiles/layout\_with\_honors\_and\_awards.jsp  
/WebContent/jsp/common/tiles/navwizard.jsp  
/WebContent/jsp/common/util/ajax\_bank\_account\_format.jsp

- The following JSPs have been changed

/WebContent/jsp/common/appts\_and\_dists/add\_appointment.jsp  
/WebContent/jsp/common/appts\_and\_dists/add\_distribution.jsp  
/WebContent/jsp/common/appts\_and\_dists/selectAppointment.jsp  
/WebContent/jsp/common/appts\_and\_dists/show\_appointment.jsp  
/WebContent/jsp/common/appts\_and\_dists/show\_distribution.jsp  
/WebContent/jsp/common/employeeEntry/address\_and\_disclosures.jsp  
/WebContent/jsp/common/employeeEntry/appointments\_and\_distributions.jsp  
/WebContent/jsp/common/employeeEntry/citizenship\_and\_taxes.jsp  
/WebContent/jsp/common/employeeEntry/conedit.jsp  
/WebContent/jsp/common/employeeEntry/conedit\_forms.jsp  
/WebContent/jsp/common/employeeEntry/conedit\_rve.jsp  
/WebContent/jsp/common/employeeEntry/confirm\_idoc.jsp  
/WebContent/jsp/common/employeeEntry/confirm\_suspend.jsp  
/WebContent/jsp/common/employeeEntry/confirmation.jsp  
/WebContent/jsp/common/employeeEntry/create\_new\_template.jsp  
/WebContent/jsp/common/employeeEntry/education.jsp  
/WebContent/jsp/common/employeeEntry/employee\_identification.jsp  
/WebContent/jsp/common/employeeEntry/employment\_information.jsp  
/WebContent/jsp/common/employeeEntry/idoc.jsp  
/WebContent/jsp/common/employeeEntry/pay\_disposition.jsp  
/WebContent/jsp/common/employeeEntry/personal\_information.jsp  
/WebContent/jsp/common/employeeEntry/post\_auth\_notification.jsp  
/WebContent/jsp/common/employeeEntry/summary.jsp  
/WebContent/jsp/common/tiles/add\_lic.jsp  
/WebContent/jsp/common/tiles/appointment\_table.jsp  
/WebContent/jsp/common/tiles/bodyHeader.jsp  
/WebContent/jsp/common/tiles/conedit\_messages.jsp  
/WebContent/jsp/common/tiles/conedit\_navbar.jsp  
/WebContent/jsp/common/tiles/functionBar.jsp  
/WebContent/jsp/common/tiles/headContent.jsp  
/WebContent/jsp/common/tiles/layout.jsp  
/WebContent/jsp/common/tiles/layout\_with\_appts.jsp  
/WebContent/jsp/common/tiles/layout\_with\_conedits.jsp  
/WebContent/jsp/common/tiles/layout\_with\_lics.jsp  
/WebContent/jsp/common/tiles/layout\_with\_pan\_rvwrs.jsp  
/WebContent/jsp/common/tiles/licenses\_and\_certs.jsp  
/WebContent/jsp/common/tiles/navbar.jsp  
/WebContent/jsp/common/tiles/pan\_navbar.jsp  
/WebContent/jsp/common/util/ajax\_duplicate.jsp  
/WebContent/jsp/common/util/autofill-data.jsp

- The following JSPs have been deleted

/WebContent/jsp/common/employeeEntry/addedLicense.jsp  
/WebContent/jsp/common/employeeEntry/idoc\_menu.jsp

## CSS Stylesheets

- The following new CSS stylesheets have been added

/WebContent/stylesheets/jquery.alerts.css

- The following CSS stylesheets have been changed

/WebContent/stylesheets/edb-update.css  
/WebContent/stylesheets/jquery-ui-1.7.2.custom.css

### Struts and Spring Framework Configuration Files

- The following new Struts configuration files have been added

/WebContent/WEB-INF/applicationContext.xml  
/WebContent/WEB-INF/tiles.xml  
/src/main/java/idoc.xml  
/src/main/java/intercampusTransfer.xml  
/src/main/java/leaveofabsence.xml  
/src/main/java/separation.xml

- The following Struts configuration files have been changed

/src/main/java/change.xml  
/src/main/java/edbupdate.xml  
/src/main/java/jasper.xml  
/src/main/java/newhire.xml  
/src/main/java/rehire.xml  
/src/main/java/struts.xml  
/src/main/java/edu/ucop/edbupdate/package.properties

### Java Classes

- The following new Java classes have been added

/src/main/java/edu/ucop/edbupdate/domain/dataelement/CombinedElemOccurrenceKeyDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/DataElementFormatter.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/OccurrenceKeyAsValueDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/VariableDataElementObject.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/AbstractRepeatingSet.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/AbstractRepeatingType.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/AwardDataElementSet.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/AwardImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/AwardSet.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/BkgrndCheckDataElementSet.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/BkgrndCheckImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/BkgrndCheckSet.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/ExistingAwardImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/ExistingBkgrndCheckImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/ExistingHonorImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/HonorDataElementSet.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/HonorImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/HonorSet.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/IAward.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/IBkgrndCheck.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/IHonor.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/IRepeatingDataElementSet.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/IRepeatingDataItem.java

/src/main/java/edu/ucop/edbupdate/domain/repeatingset/RepeatingDataSetCache.java

- The following Java classes have been changed

/src/main/java/edu/ucop/edbupdate/Module.java  
/src/main/java/edu/ucop/edbupdate/action/AddressAndDisclosureAction.java  
/src/main/java/edu/ucop/edbupdate/action/AutofillPopulator.java  
/src/main/java/edu/ucop/edbupdate/action/CancelTransactionAction.java  
/src/main/java/edu/ucop/edbupdate/action/ConfirmAction.java  
/src/main/java/edu/ucop/edbupdate/action/ConfirmIdocAction.java  
/src/main/java/edu/ucop/edbupdate/action/ConsistencyCheckAction.java  
/src/main/java/edu/ucop/edbupdate/action/EDBNavWizardAction.java  
/src/main/java/edu/ucop/edbupdate/action/EducationAction.java  
/src/main/java/edu/ucop/edbupdate/action/EmploymentInfoAction.java  
/src/main/java/edu/ucop/edbupdate/action/PayDispositionAction.java  
/src/main/java/edu/ucop/edbupdate/action/PersonalInfoAction.java  
/src/main/java/edu/ucop/edbupdate/action/PostAuthNotificationAction.java  
/src/main/java/edu/ucop/edbupdate/action/SelectEmpAction.java  
/src/main/java/edu/ucop/edbupdate/action/StartEDBUpdate.java  
/src/main/java/edu/ucop/edbupdate/action/SubmitEmployeeAction.java  
/src/main/java/edu/ucop/edbupdate/action/SuspendAction.java  
/src/main/java/edu/ucop/edbupdate/action/TemplateAction.java  
/src/main/java/edu/ucop/edbupdate/action/base/AbstractEditApptDistAction.java  
/src/main/java/edu/ucop/edbupdate/action/base/EDBUpdateBaseAction.java  
/src/main/java/edu/ucop/edbupdate/action/base/EditAppointmentAction.java  
/src/main/java/edu/ucop/edbupdate/action/base/EditDistributionAction.java  
/src/main/java/edu/ucop/edbupdate/change/action/ChangeEditAppointmentAction.java  
/src/main/java/edu/ucop/edbupdate/change/action/ChangeEditDistributionAction.java  
/src/main/java/edu/ucop/edbupdate/change/action/StartEDBChangeAction.java  
/src/main/java/edu/ucop/edbupdate/change/action/UpdateConeditAction.java  
/src/main/java/edu/ucop/edbupdate/delegate/LoadEmployeeDelegate.java  
/src/main/java/edu/ucop/edbupdate/delegate/SuspendDelegate.java  
/src/main/java/edu/ucop/edbupdate/delegate/TemplateDelegate.java  
/src/main/java/edu/ucop/edbupdate/domain/AbstractAppointmentsSet.java  
/src/main/java/edu/ucop/edbupdate/domain/AppointmentActionCode.java  
/src/main/java/edu/ucop/edbupdate/domain/ConeditDisplayItem.java  
/src/main/java/edu/ucop/edbupdate/domain/DistributionActionCode.java  
/src/main/java/edu/ucop/edbupdate/domain/DistributionsSet.java  
/src/main/java/edu/ucop/edbupdate/domain/EDBUpdateAppointment.java  
/src/main/java/edu/ucop/edbupdate/domain/EDBUpdateDistribution.java  
/src/main/java/edu/ucop/edbupdate/domain/UpdateAppointmentSet.java  
/src/main/java/edu/ucop/edbupdate/domain/existing/ExistingApptImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/existing/ExistingDistImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/existing/ExistingEmployee.java  
/src/main/java/edu/ucop/edbupdate/domain/newhire/NewHireApptImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/newhire/NewHireDistributionImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/newhire/NewHireEmployee.java  
/src/main/java/edu/ucop/edbupdate/domain/base/AbstractAppointmentImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/base/AbstractDistributionImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/base/AbstractRecurringDomainType.java  
/src/main/java/edu/ucop/edbupdate/domain/base/Employee.java

- The following Java classes have been deleted

/src/main/java/edu/ucop/edbupdate/action/IdocAction.java  
/src/main/java/edu/ucop/edbupdate/action/IdocJasperAction.java

- The following Java classes have been moved from /src/main/java/edu/ucop/edbupdate/domain/ to /src/main/java/edu/ucop/edbupdate/domain/dataelement/

/src/main/java/edu/ucop/edbupdate/domain/dataelement/CodeParsingDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/DataElementDisplayInfo.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/DataElementDisplayInfoImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/DataElementInfoProvider.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/DataElementRelatedDataSpecial.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/DataDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/DateFormattingParentElemOccurKeyDataElem.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/DeleteDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/DisplayType.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/DistRangeValueDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/EDBUpdateDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/EDBUpdateDataElementInfoImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/EmployeeLevelActionCodeDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/FormatApptPayRateDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/FormatDistRateAmountDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/FormatLongPercentDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/FormatMonthYearDateDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/FormatShortPercentDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/MultipartDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/MustSubmitDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/OccurrenceKeyAsValTruncatingDataElem.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/ParentElemOccurrenceKeyDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/TruncatingDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/ValueStrippingDataElement.java  
/src/main/java/edu/ucop/edbupdate/domain/dataelement/VariableDataElementObject.java

- The following Java classes have been moved from /src/main/java/edu/ucop/edbupdate/domain/ to /src/main/java/edu/ucop/edbupdate/domain/exception/

/src/main/java/edu/ucop/edbupdate/domain/exception/OutOfRangeAppointmentNumberException.java  
/src/main/java/edu/ucop/edbupdate/domain/exception/OutOfRangeDistributionNumber.java

- The following Java classes have been moved from /src/main/java/edu/ucop/edbupdate/domain/ to /src/main/java/edu/ucop/edbupdate/domain/repeatingset/

/src/main/java/edu/ucop/edbupdate/domain/repeatingset/ILicense.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/LicenseCertSet.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/LicenseDataElementSet.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/LicenseImpl.java  
/src/main/java/edu/ucop/edbupdate/domain/repeatingset/ExistingLicenseImpl.java

## Struts Action Classes

- The following new action classes have been added

/src/main/java/edu/ucop/edbupdate/action/HonorsAndAwardsAction.java  
/src/main/java/edu/ucop/edbupdate/action/base/RepeatingDataSetAction.java  
/src/main/java/edu/ucop/edbupdate/idoc/action/ConfirmCancelAction.java  
/src/main/java/edu/ucop/edbupdate/idoc/action/IdocJasperAction.java

/src/main/java/edu/ucop/edbupdate/idoc/action/IdocSelectionAction.java  
/src/main/java/edu/ucop/edbupdate/idoc/action/SelectEmpForIdocAction.java  
/src/main/java/edu/ucop/edbupdate/idoc/action/StartEDBIdocAction.java  
/src/main/java/edu/ucop/edbupdate/idoc/interceptor/IdocModuleInterceptor.java  
/src/main/java/edu/ucop/edbupdate/intercampus/action/IntercampusTransferAction.java  
/src/main/java/edu/ucop/edbupdate/intercampus/action/StartEDBIntercampusAction.java  
/src/main/java/edu/ucop/edbupdate/intercampus/interceptor/IntercampusModuleInterceptor.java  
/src/main/java/edu/ucop/edbupdate/leaveofabsence/action/ConfirmCancelAction.java  
/src/main/java/edu/ucop/edbupdate/leaveofabsence/action/LeaveOfAbsenceAction.java  
/src/main/java/edu/ucop/edbupdate/leaveofabsence/action/LeaveOfAbsenceConeditAction.java  
/src/main/java/edu/ucop/edbupdate/leaveofabsence/action/SelectEmpForLeaveOfAbsenceAction.java  
/src/main/java/edu/ucop/edbupdate/leaveofabsence/action/StartEDBLeaveOfAbsenceAction.java  
/src/main/java/edu/ucop/edbupdate/leaveofabsence/action/SubmitLeaveOfAbsenceEmployeeAction.java  
/src/main/java/edu/ucop/edbupdate/leaveofabsence/interceptor/LeaveOfAbsenceModuleInterceptor.java  
/src/main/java/edu/ucop/edbupdate/separation/action/ConfirmCancelAction.java  
/src/main/java/edu/ucop/edbupdate/separation/action/SelectEmpForSeparationAction.java  
/src/main/java/edu/ucop/edbupdate/separation/action/SeparationAction.java  
/src/main/java/edu/ucop/edbupdate/separation/action/SeparationConeditAction.java  
/src/main/java/edu/ucop/edbupdate/separation/action/StartEDBSeparationAction.java  
/src/main/java/edu/ucop/edbupdate/separation/action/SubmitSeparationEmployeeAction.java  
/src/main/java/edu/ucop/edbupdate/separation/interceptor/SeparationModuleInterceptor.java

- The following action classes have been changed

/src/main/java/edu/ucop/edbupdate/interceptor/CrossModuleNavigationInterceptor.java  
/src/main/java/edu/ucop/edbupdate/newhire/action/EmployeeEntryAction.java  
/src/main/java/edu/ucop/edbupdate/newhire/action/NewHireConeditAction.java  
/src/main/java/edu/ucop/edbupdate/newhire/action/NewHireEditAppointmentAction.java  
/src/main/java/edu/ucop/edbupdate/newhire/action/NewHireEditDistributionAction.java  
/src/main/java/edu/ucop/edbupdate/newhire/action/StartEDBNewHireAction.java  
/src/main/java/edu/ucop/edbupdate/rehire/action/RehireConeditAction.java  
/src/main/java/edu/ucop/edbupdate/rehire/action/StartEDBRehireAction.java

## Utility Classes

- The following new utility classes have been added

/src/main/java/edu/ucop/edbupdate/util/AjaxActionStatus.java  
/src/main/java/edu/ucop/edbupdate/util/DataElementDisplayDef.java  
/src/main/java/edu/ucop/edbupdate/util/DecimalUtils.java  
/src/main/java/edu/ucop/edbupdate/util/EDBNavigationWizard.java  
/src/main/java/edu/ucop/edbupdate/util/TextHelper.java

- The following utility classes have been changed

/src/main/java/edu/ucop/edbupdate/util/ApplicationPropertiesLoader.java  
/src/main/java/edu/ucop/edbupdate/util/CampusCustomizationData.java  
/src/main/java/edu/ucop/edbupdate/util/CampusCustomizationDataImpl.java  
/src/main/java/edu/ucop/edbupdate/util/DataElementMetadataManager.java  
/src/main/java/edu/ucop/edbupdate/util/DateUtils.java  
/src/main/java/edu/ucop/edbupdate/util/ITranslationService.java  
/src/main/java/edu/ucop/edbupdate/util/StringSanitizer.java  
/src/main/java/edu/ucop/edbupdate/util/Version.java  
/src/main/java/edu/ucop/edbupdate/util/WebServiceCodeTranslationService.java

- The following utility classes have been moved from /src/main/java/edu/ucop/edbupdate/newhire/util/ to /src/main/java/edu/ucop/edbupdate/util/

/src/main/java/edu/ucop/edbupdate/util/NavigationOrder.java  
/src/main/java/edu/ucop/edbupdate/util/State.java

## Help Files

- The following new help files have been added

/src/main/java/edu/ucop/edbupdate/help/0011.txt  
/src/main/java/edu/ucop/edbupdate/help/0137.txt  
/src/main/java/edu/ucop/edbupdate/help/0138.txt  
/src/main/java/edu/ucop/edbupdate/help/0139.txt  
/src/main/java/edu/ucop/edbupdate/help/0140.txt  
/src/main/java/edu/ucop/edbupdate/help/0141.txt  
/src/main/java/edu/ucop/edbupdate/help/0142.txt  
/src/main/java/edu/ucop/edbupdate/help/0189.txt  
/src/main/java/edu/ucop/edbupdate/help/0225.txt  
/src/main/java/edu/ucop/edbupdate/help/0702.txt  
/src/main/java/edu/ucop/edbupdate/help/0713.txt  
/src/main/java/edu/ucop/edbupdate/help/0714.txt  
/src/main/java/edu/ucop/edbupdate/help/0740.txt  
/src/main/java/edu/ucop/edbupdate/help/0741.txt  
/src/main/java/edu/ucop/edbupdate/help/0742.txt  
/src/main/java/edu/ucop/edbupdate/help/0743.txt  
/src/main/java/edu/ucop/edbupdate/help/0744.txt  
/src/main/java/edu/ucop/edbupdate/help/0745.txt  
/src/main/java/edu/ucop/edbupdate/help/0746.txt  
/src/main/java/edu/ucop/edbupdate/help/1164.txt  
/src/main/java/edu/ucop/edbupdate/help/1165.txt

- The following help files have been changed

/src/main/java/edu/ucop/edbupdate/help/0109.txt

## **Appendix E – Post UAT Modifications**

### **Additional Fields on Separation Screen**

Campuses will be able to define additional campus specific fields on “Separation” screen.

### **Employment Information Screen**

A new field “Employee Unit Code” (DEN 0255) has been added in the “Employment Information” screen. This field is optional and can be displayed/hidden based on an external property flag.

“Student Status” and “Number of Units” fields have been moved up, directly beneath the “BELI Effective Date”.

Optional field “Alternate Department Code” has been converted to an autofill dropdown field based on the department code list.

### **Awards**

The awards portion of the new “Honors and Awards” screen has been made optional based on an external property flag.

### **Templates**

The appointment department code was not being saved in the appointment template. This has been corrected.