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Mar 19, 2004

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Re:	Release:	1559
	Service Request:	16921
	Error Reports:	1909
	Programs:	PPOT1559 (one-time), UCAPPNUP,UCPANMGR,UCWENPR
	CICS Programs:	UCWECOM, UCWIDIR, UCWINBX
	Copymembers:	UCWSPANB
	Include Members:	None
	DDL Members:	IXPN300C, IXP400C
	Bind Members:	PPOT1559
	CICS Maps:	UCINBX0
	Web HTML:	None
	Web Macros:	ucwiarv.d2w, ucwiaud.d2w, ucwidir.d2w, ucwinbx.d2w, ucwinrs.d2w, ucwpanrouter.d2w, ucwpref.d2w, ucwprint.d2w (new), ucwtop_frame.d2w
	Web Include Members:	ppsparms.d2w, ucw_js_header.hti, ucwcommon.hti
	Web Images:	None
	Forms:	None
	Table Updates:	System Messages Table
	Urgency:	Not Urgent (See Timing of Installation)

This release addresses performance enhancements for Web PAN Review, Service Request 16921 and Error Report 1909.

### **Performance Enhancements for Web PAN Review**

Campuses have reported that the response time is slow when a large number of PANs are being retrieved for a single display, and have requested that performance enhancements be made. To address this concern, two indexes were added to the PAN PNA table and modifications were made to the SELECT statements for this table. Additionally, thresholds have been established to limit the number of PANs retrieved. One of these is the maximum number of notifications that can be selected without a warning message. When this threshold has been exceeded, a warning message will be displayed with the option to continue with the display or make a new request. The other threshold is the maximum number of PANs that can be selected. When this threshold has been exceeded, a message will be issued indicating that there are too many PANs and that a more narrow selection is required. The campus shall establish the value of these thresholds. A maximum threshold of 1000 and a warning threshold of 200 will be established in the base PPS.

## **Service Request 16921**

### **Background**

Major enhancements to the Post Authorization Notification (PAN) subsystem were added to the base Payroll/Personnel System (PPS) in release 1415, provided to campuses on June 12, 2002. Included in these enhancements was the addition of a web interface for review of notifications.

Campuses who have installed these enhancements have submitted suggestions for some additions and changes that they believe will improve the ease of use of the web based PAN. Additionally, campuses and UCOP personnel have reported some errors in the PAN processes that should be corrected.

These requirements outline the system modifications needed to correct the reported errors and to implement some of the suggestions received from campuses. Note that some suggestions are still being reviewed and may be addressed in future requirements.

### **Overview**

The following changes to the web and CICS PAN functions are being requested in these requirements. Detailed specifications for each are included in the SR document.

#### Web PAN Changes

1. Provide a printer-friendly version of the web Notification Detail page
2. Correct the display of directory information on the Routing Option page
3. Display the reviewer's current routing option on the Routing Option Notification Selection page
4. Add two messages when the routing option is changed
5. Enhance the explanation text on the Routing Option page
6. Display the phone number on the web PAN Directory page
7. Revise search on Department code so it is not case sensitive
8. Provide a 'save and return' option on the Notification Detail page
9. Reposition the 'Logout' link to reduce the incidence of inadvertent logouts
10. Enhance the date selection on the Notification Selection page

#### CICS PAN Changes

1. Enhance the Last Name search function on the CICS PAN Directory page
2. Correct the page numbering on the CICS PAN Inbox pages
3. Correct the behavior related to entry of an 'urgent' priority on the comments page

## **Error Report 1909**

The PNA table is used to identify all reviewers for all PANs. The SUMMARY\_TIMEST on this table is initialized to a "low" date at the time the row is to be inserted except in CICS when a PAN is forwarded or when a reviewer is added to a PAN. In those cases, the timestamp is null. This causes an error condition to occur in two batch processes. The periodic generation of email summaries (UCOMLR) does not select rows with a null timestamp resulting in an incorrect count of the notifications. The purge process (UCOPNP) abends when a row with a null timestamp is encountered. Therefore, programs UCAPPNUP, UCPANMGR and UCWENPR must be modified to initialize the SUMMARY\_TIMEST before any insert of a new row. There is also a requirement for a one-time program to correct the rows on the PNA table that have this null timestamp.

## **Differences from Requirements**

1. Some modifications are required to the text changes requested in the SR.

Spelling of e-mail, Inbox and Web should be consistent.

For Routing Option, "You will receive an e-mail each day" should be changed to "You will receive an e-mail on a periodic basis" since the frequency of this process is campus dependent.

For Detail page, the new button "Save and Return to Inbox" should be changed to "Save and Return to List". When a detail request is made from an Audit page the return will be back to that page not the Inbox.

2. For the request to move the link for Inbox away from Logout, all similar links that appear under the Main Menu and Logout links should also be moved.
3. For the Date Selection Option, the request for Current Month will translate to "One Month", all notifications from this day of the prior month to today.
4. For the enhancement of the CICS Directory page, when a name is entered for the search option the program begins the display with the first name found that is equal to or greater than the name specified. The error message "No Matches" is always displayed when the name (full or partial) is not found because the program does not distinguish between a match and no match on the partial name. The message will be changed to "No Exact Match".
5. On the CICS Inbox page, the page number allows only two positions to be displayed. It also limits the number of pages of notifications that can be displayed to 99. This limit will be increased to 700 pages and the page number fields on the map will be changed to accommodate this increase.

## **Copymember**

### UCWSPANB

UCWSPANB is the copy member that defines the workspace for the table that holds key information for each page of PAN notifications selected. The number of CICS pages of PANs allowed in this table was changed from 99 to 700.

## **Programs**

### PPOT1559

This is a one-time program used to correct the Summary Timestamp on the PNA row. It initializes the timestamp to a low data/time when it is found to be null.

### UCAPPNUP

This program is the PAN update application processor. This program was changed to include and initialize the Summary Timestamp in the INSERT to the PNA table.

### UCPANMGR

This program provides functions for the generation of PAN notifications on the PAN log. This program was changed to always initialize the Summary Timestamp before inserting a new row on the PNA table.

### UCWENPR

This program prepares the PAN notification and the forwarding of a notification. This program was changed to include and initialize the Summary Timestamp in the INSERT to the PNA table.

## **CICS Programs**

### **UCWECOM**

This program allows entry of "comments" as text lines for a PAN at the time that the PAN is generated. It was modified to retain the Priority entered that was disappearing after subsequent "enter" operations.

### **UCWIDIR**

This program displays the PAN Directory. It was changed to correct the search function and the sequence of the display.

### **UCWINBX**

This program displays a list of all the PANs for the user logged on or a group of PANs selected based upon a specified criteria. It was changed to be able to handle 3 digit page numbers on the Inbox page.

## **DDL Members**

IXPN300C creates a new index on the PNA table using the Address, Delete Status and Notice Id.

IXPN400C creates a new index on the PNA table using the Directory Userid, Delete Status and Notice Id.

## **CICS Maps**

### **UCINBX0**

This map is used by program UCWINBX to display a list of PANS. The page count in the upper right corner was changed to be able to handle three digit numbers.

## **Web Macros**

### **ucwiarv.d2w**

This macro generates a detail display of a single PAN, allows comments to be added, and provides a mail forward option. An option (button) was added to the Comments function to allow for a "Save and Return to List". This saves the comments entered and then links directly back to the previously displayed list.

### **ucwiaud.d2w**

This macro provides an audit review page selection and display. It was modified to no longer attempt an initial display when coming to this page from the Menu. In addition, a row count was added to warn or prevent selection when the result count will exceed the thresholds.

### **ucwidir.d2w**

This macro displays the Post Authorization Notification Directory. It was corrected to display the phone number.

### **ucwinbx.d2w**

This macro displays a list of all the PANs for the user logged on or a group of PANs selected based upon a specified criteria. Changes were made to remove "time" from the selection criteria and a row count was added to warn or prevent selection when the result count will exceed the thresholds.

### **ucwinrs.d2w**

This macro displays the Notification Selection page that allows for entry of selection criteria. It was modified to match correctly on Department whether or not it is entered in uppercase. It was greatly modified to allow for four

date selection options; Current Date, Last Seven Days, One Month and a specific Date Range. Time was removed from the selection options.

#### ucwpanrouter.d2w

This macro is the main navigation driver for the Web PAN. Modifications were made to increase the height of the top frame of the Routing Option Selection page in order to accommodate the changes to the instructional text.

#### ucwpref.d2w

This macro displays the PAN User Preferences Detail page and allows the user to change his/her email routing preference. Several modifications were made to this macro. The display of the Name and Phone was corrected. When the page is displayed initially, it displays the current option on the database in the list box instead of always displaying the first option found in the list box. When a selection is made, a confirmation box is displayed allowing for an OK to update and a CANCEL. The instructions on the top part of the page were modified as specified in the SR.

#### ucwprint.d2w (new)

This new macro performs the Print Friendly function for the Notification Detail page.

#### ucwtop\_frame.d2w

This macro formats the top frame for all PAN pages. Several changes were made. A Print Friendly Button was added for the Detail page. The Mode parameter was added to the HREF for the Audit function so that the audit macro will know if it was initiated from the Main Menu or from the Inbox or Detail functions. The link button was moved to the top left and the identification of each link was corrected/changed as necessary.

### **Web Include Members**

#### ppsmarms.d2w

Thresholds for the count of PANs to be displayed were added to this include. One threshold is for the maximum number of PANs that can be displayed. When this number is exceeded, a message is displayed and the search criteria must be narrowed. The second threshold is the maximum number of PANs that can be displayed without a warning message. If this number is exceeded a warning message is displayed with the option to continue with the display or make modification to the search criteria.

Note : **The campus will determine these thresholds values.**

#### ucw\_js\_header.hti

Navigation for the new Print Friendly Button on the Notification Detail page was added.

#### ucwcommon.hti

A value was added to the "Notifsel" parameter to be used to carry the type of date option selected (radio button selected) on the Selection page in order to pass it back to the Selection page when a return is requested.

### **Table Updates**

#### PPPMSG

A new warning level message was created for the name search function on the CICS Post Authorization Notification Directory page. When a partial name is entered the message (No Exact Match) will always appear whether or not a name(s) beginning with the partial is found.

### **Test Plan**

A complete test plan is provided with this release.

Campuses are encouraged to use the base system test materials, as well as performing any other desired local tests.

**Installation Instructions**

An Installation Instruction document is provided with this release.

**Timing of Installation**

The installation of this release is not urgent.

As usual, campuses are encouraged to install this release in as timely a fashion as possible, and in the normal numeric sequence of releases.

If there are any questions, please send electronic mail to [Janet.Kennedy@ucop.edu](mailto:Janet.Kennedy@ucop.edu), or call at (510) 587-6128.

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