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Re:  Release:  1064
     Service Request:  12860, 14257
     Reference Releases:  967, 1028, 1039
     Error Reports:  1364, 1365, 1393, 1394, 1395,
                     1396, 1397, 1398, 1400
     Programs:  PPNTEDDD (new), PPNTEDLA (new),
                 PPNTEDRA (new), PPNTEDTL, PPNTEDTM,
                 PPNTEDTS
     DB2 Programs:  PPAPETUP, PPAPTFKS, PPAPTRKS, PPAPTRNF,
                     PPEDTPAY, PPEXPTRN, PPNTDRA, PPNTTRG,
                     PPWEDHC, PPWEDTM, PPWEDTS, PPWETAP,
                     PPWETDA, PPWETDD, PPWETF, PPWETHA,
                     PPWETLA, PPWETLR, PPWETRA, PPWETS,
                     PPWETTE, PPWETTX, PPWETUB, PPWIPIC
     CICS Programs:  PPAPTRFH, PPGETTIM, PPVRTHFO
     Copymembers:  CPWSETWK, CPWSFNDR, CPWSNGWB,
                    CPWSPTWR, CPWSWORK
     Include Members:  None
     DDL Members:  None
     Bind Members:  None
     CICS Maps:  PPTRHD0, PPT2HD0
     Forms:  None
     Table Updates:  Code Translation Table
     Urgency:  Not Urgent

This release is a followup to the OPTRS and THF Entry/Update releases (Releases 967, 1028, 1039). The content of this release is divided into three categories:

1. OPTRS (Online Payroll Time Reporting)
2. THF (Transaction Holding File) Entry/Update
3. PAN Notifications.

**OPTRS**

**Service Request 14257**

This Service Request asks that a "find" command be implemented within the Time Roster (screen EDHC) to enable the user to find a particular employee's record. To this end, a new browse feature will now be available via the EDHC screen which will allow positioning to an employee's record based on an Employee Name search. The characteristics of this browse are as follows:

1. After the roster selection criteria has been entered via the IDTC screen and Enter has been pressed, the first page of the selected roster is displayed via the EDHC screen.
2. From this point on, the new browse function may be utilized to find the desired employee record instead of using the standard scrolling forward (F8) or backward (F9).
3. To use the new browse function, enter one or more characters of the employee's name in the screen footer "NAME" field and press Enter. This will result in the screen display of the Roster page which contains the first employee name which equals or exceeds the entered name.

For example, if "J" is entered in the footer Name field and Enter is pressed, the Roster page displayed will contain the first page of selected employees whose last name begins with "J". If "JONES" were entered (instead of "J"), the resulting screen display would list the first page of selected employees whose last name starts with "JONES".

Note that if a name is entered which is beyond the range of Employee Names contained on the selected Roster (e.g., "ZZZZ"), the last page of the Roster will be displayed. Conversely, if a name is entered which falls before the range of Employee Names (e.g., "AAAA"), the first page of the Roster will be displayed.

**Error Report 1393**

One of the basic constructs of OPTRS (as well as THF E/U) is that file updates occur on a screen by screen basis. That is, whenever data has been entered on a screen, the user should either cancel (F2) or update (F5) prior to navigating to another page or screen. Given this consideration, the following problem is applicable.

While making a change to Roster data (screen EDHC) and then paging forward to the next page (without pressing Update), no message is issued and the next page of data is displayed. When the user returns to the prior page, the changed data is gone (overlaid by the original).

Changes contained in this release will prohibit forward (or backward) paging whenever a screen modification has been entered but neither cancelled nor updated.

**Error Report 1396**

This error report identifies the condition such that whenever a Roster (screen EDHC) or Check List (screen IPIC) is selected which has in excess of 99 pages, scrolling forward (F8) ceases to work correctly.

This release contains changes which will correct the scrolling mechanism for those departmental Rosters which contain over 99 pages.

**Error Report 1400**
Correct editing of the 3rd and 4th overtime/leave DOS and Hours combinations is only sporadic due to improper initializations of the secondary transaction image (i.e., when a 3rd and/or 4th DOS and Hours is entered on the Roster, a second TE/TX transaction will eventually be produced on the THF in order to hold these additional entries).

This release contains changes which will correct the editing of DOS and Hours set combinations contained on the Roster.

**THF Entry/Update**

**Error Report 1365**

The following problem behavior has been observed on THF E/U detail screens:
1. When previously existing transaction data is changed for an employee without pressing Update (or Cancel), and a new Employee ID is entered:
   a. If any transaction edit messages (warning or fatal) are applicable to the data change, the system will respond correctly. That is, the original employee ID will reappear in the footer area along with the edit message text; then, the data must be either corrected/Updated or Canceled.
   b. If, however, there are no edit messages applicable to the data change, the system does not respond correctly. The new Employee Name will appear in the screen header information but the original employee transaction data (with changes) will still reside in the main screen area. (if Update is now pressed, the original employee is updated properly and when the screen reappears, data for the new employee is displayed.)
2. When Copying or Retrieving data for an employee, without pressing Update, and a new Employee ID is entered, the system responds incorrectly (as long as no edit messages are applicable to the data change). In this situation, the new Employee Name will appear in the header but the data copied (or retrieved) from the original employee will be displayed on the screen. If Update is pressed, the copied (or retrieved) data is updated to the new employees record. This cross employee response does not conform to standard system navigation protocol.

This release contains modifications which will restrict Employee ID switches when data has been changed or a Copy/Retrieve is in progress. The new system response will be to display message U0001 (Input accepted) and to redisplay the original Employee in the screen footer area. From this point on, either a Cancel or Update must be entered prior to entering a new Employee ID.

**Error Report 1394**

This error report identifies a pay rate display problem which is restricted to the ETRA and EDRA screens. When entering the RA transaction data, the initial screen response is to always align the pay rate with 2 decimals. This format is incorrect when the Hours/Percent Indicator indicates an hourly rate rather than a pay period amount.

This release contains modifications so that the decimal alignment of the Pay Rate is correctly formatted as based on the entered Hours/Percent Indicator.

**Error Report 1364**

When using the EDTL screen to issue Vacation Leave Transfers, if leave is transferred
to more than one account for the employee, the final Batch Re-Edit process will reject all of the latter transfers as having duplicate keys. The basis for this problem is that there is no PPP5302 origin for Leave Transfers: the ET Key (resident on all Expense Transfers) must be derived to a unique value for each Leave Transfer. Unfortunately, the current process allowed these key values to remain at zero and PPP360 dutifully rejected the secondary transfers as “duplicates”.

This release contains modifications so that the above key values are appropriately assigned unique numbers.

**Error Report 1395**

This error report identifies a situation where multiple users concurrently entering Expense Transfers cause the THF update process to incorrectly sequence the resulting transactions. The net affect is that E2 and E3 lines may be mixed with the wrong E1 lines causing sequence rejections during the batch Final Re-Edit process.

This release contains changes to the THF update process such that each Expense Transfer record set (E1, E2, E3), whether generated as a single transfer or a mass transfer, will reserve 3 contiguous THF Transaction Sequence Numbers; therefore, the timing of the physical Input/Output will not disrupt the logical sequence of each E1, E2, E3 set.

**PAN Notifications**

**Service Request 12860**

This service request asks that PAN notifications be developed for THF activity resulting from the EDDD, EDLA, and EDRA departmental screens. Refer to the attachments indicated below for the text/data content of each of these new notifications:

- EDDD (One-time Deduction/Refund/Prepayment); see Attachment A
- EDLA (Leave Hours Adjustment); see Attachment B
- EDRA (Retroactive Pay); see Attachment C.

Additionally, this service request asks that PAN notification text and content be modified for activity generated by the EDTL, EDTS, and EDTM departmental screens. Modifications to these notifications are as follows:

- EDTL (Transfer of Accrued Leave); see Attachment D.
  - Relocation of the transaction description line and the Pay Cycle line to the standard THF PAN heading area.
- EDTS (Single Transfer); see Attachment E.
  - The addition of the following data fields (retrieved from the TOE file) for notification display:
    - Original Gross and Original Benefits
    - PPP5302 Month, Page, and Line references
- Title Code and Description of Service (DOS).

- Display the sign (-) only when the amount is negative

- Relocation of the transaction description line and the Pay Cycle line to the standard THF PAN heading area.

- EDTM (Mass Transfer); see Attachment F.

  - The inclusion for notification display of the accumulated Total Gross Earnings Transferred. The sign (-) is displayed only when the amount is negative

  - Removing Employee Name line and the Pay Period End line from notification display.

  - Relocation of the transaction description line and the Pay Cycle line to the standard THF PAN heading area.

**Error Report 1397**

This error report identifies the Employee Name, Employee ID, and Pay Period End displayed on Single Transfer PAN notifications as having either blank or invalid values.

Modifications contained in this release will correctly populate the above 3 fields.

**Error Report 1398**

Document TT-7, OPTRS Requirements Definition, identifies requirements for PAN routing in section VIb (Audit - PAN Notifications) on pages 19 and 20. In brief, these requirements call for special PAN routing for expense transfers (screens EDTL, EDTS and EDTM) when contract and grant funds are involved. Note that because of performance impact considerations as well as size of scope, special Fund based PAN routing was excluded from Release 967. For these same considerations, it should be understood that the Fund based routing function offered below is an interim solution which is meant to provide only basic functionality for this important audit area.

Modifications contained in this release will provide rudimentary Fund based routing for transfers of expense issued by the EDTL, EDTS, and EDTM screens. These routing functions are directed by the new Copymember, CPWSFNDR.

Essentially, CPWSFNDR supplies a list of Fund Ranges and associated Mailing Addresses to be used by the PAN Develop Recipient Address module, PPNTDRA. For every transfer issued by the EDTL, EDTS, or EDTM screen, each Fund Number (one on the E1 line and one on the E3 line) will be compared to the Fund Ranges contained in the copymember. For each match encountered, the PAN notice identifying the transfer will be sent to the electronic address associated with the Fund Range.

The list of Fund Ranges and Addresses contained in CPWSFNDR may be as large or as small as required locally. The Fund Ranges contained in CPWSFNDR do not need to be in any specific order and may overlap one another with no restrictions; all ranges will be checked for PAN issuance.
Note that ALL PAN notices issued based on this Copymember will treat the addressee as a NON-MANDATORY reviewer (unless that reviewer is a mandatory addressee developed by the Standard PAN addressing process).

Copymember CPWSFNDR is used only by program PPNTDRA; any modifications to this copymember will require a re-compile and re-bind of PPNTDRA.

Complete directions for CPWSFNDR usage are embedded as text within the copymember.

**Programs**

**PPNTEDDD**

A new program to create PAN notices for screen EDDD (RF, PS, and DS pay transactions). Refer to Service Request 12860.

**PPNTEDLA**

A new program to create PAN notices for screen EDLA (LA pay transactions). Refer to Service Request 12860.

**PPNTEDRA**

A new program to create PAN notices for screen EDRA (RA pay transactions). Refer to Service Request 12860.

**PPNTEDTL**

Program to create PAN leave transfer notices modified with text line sequence changes. Refer to Service Request 12860.

**PPNTEDTM**

Program to create PAN mass transfer notices contains text addition of Total Gross Transferred and other text modifications. Refer to Service Request 12860.

**PPNTEDTS**

Program to create PAN single transfer notices contains text modifications related to Service Request 12860 and Error Report 1397.

**DB2 Programs**

**PPAPETUP**

Program has been modified to correct leave transfer process to avoid duplicate key problem in final batch re-edit (Error Report 1364). Also modified to correct THF sequence number problems so that E1, E2, and E3 rows have contiguous sequence numbers (Error Report 1395).
Program has been modified to disallow ID change when update in progress (Error Report 1365).

Program has been modified for key switch processing triggered by Time Roster "name" browse. Also modified for 4 position page fields (Error Report 1396).

Program has been modified for 4 position page fields (Error Report 1396).

Program DOS error reference has been modified (Error Report 1400).

Program has been modified to pass the Total Gross Transferred at the completion of a Mass Transfer (Service Request 12860).

A new routing function (via CPWSFNDR) for Expense transfers (screens EDTL, EDTM, EDTS) based on Fund Number has been added to this program (Error Report 1398).

Program trigger processing has been modified to process PAN notices for events EDRA, EDLA, EDDD (Service Request 12860).

Program has been modified for new Time Roster browse process. Additional modifications:
- Disallow going forward (F8) or backward (F7) when update in progress (Error Report 1393).
- Usage of 4 position page numbering (Error Report 1396).
- Correction of DOS/Hours set edits (Error Report 1400).

Program has been modified to simulate entire Mass Transfer to develop/pass Total Gross Transferred for PAN display (Service Request 12860).

Program has been modified to access/pass TOE Table fields for Single Transfer PAN display (Service Request 12860).
The following DB2 programs have been modified to disallow an Employee ID change when screen data has been changed but neither Cancel nor Update have been applied (Error Report 1365):

- PPWETAP
- PPWETDA
- PPWETDD
- PPWETFHT
- PPWETHA
- PPWETLA
- PPWETLR
- PPWETRA
- PPWETSBB
- PPWETTE
- PPWETTX
- PPWETUB.

PPWIPIC

Program has been modified to use 4 position page number fields (Error Report 1396).

CICS Programs

PPAPTRFH

Program has been modified for 4 position page fields (Error Report 1396).

PPGETTIM

Program has been modified with the addition of a "browse" function based on footer name entry (Service Request 14257).

PPVRTHFO

Program has been modified with the identification of transaction format for "RA" transactions to correct Rate/Hours alignment (Error Report 1394).

Copymembers

CPWSETWK

The following fields have been added to this copymember:
- TOE Table fields:
  - Earnings Date
  - Title Code
  - DOS.
- Total Gross Transferred (Mass Transfers).
CPWSFNDR (new)

This copymember supplies Fund ranges and associated mailing addresses for special Fund based PAN routing for Expense Transfers issued via the EDTL, EDTS, and EDTM screens.

CPWSNGWB

The following PAN events for THF have been added to this copymember: EDRA, EDLA, and EDDD.

CPWSPTRW

The "browse" name has been added to this copymember for positioning into the Time Roster.

CPWSWORK

The current and total pages have been added to this copymember for Time Rosters in excess of 99 pages.

CICS Maps

PPTRHD0 and PPT2HD0

These OPTRS header maps have been modified to contain 4 position current and total pages.

Table Updates

Code Translation Table

Updates to the Code Translation Table are enclosed (UPAY814 facsimile) and are also available in machine format (refer to Installation Instructions). These updates define function codes for the three new PAN notices (EDRA, EDLA, and EDDD) and must be applied to the production Control Table in order to implement these new notifications.

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

Installation instructions are provided in a separate document.

Timing of Installation
This release is dependent on the installation of Releases 967, 1028, and 1039.

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 Jim.Tuohig@ucop.edu, or call at (510) 987-0741.

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