SR100849
Expense Distribution Related Errors

Technical Specification

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## Version History

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Introduction

1.1.1 Service Request 100849
SR 100849 requests fixes to three expense distribution related errors that were reported by locations. These issues are documented in IT Service Hub items RITM0050836, RITM0050893 and RITM0043437.

Background

RITM0050836 - Leave Accrual Costing Error in Month 1
In 2013, Santa Barbara reported an issue with program PPP520. Santa Barbara discovered that the program bypassed the prior B1 PAR file in the July (Month 01) expense distribution when performing leave accrual costing. The error resulted in an understatement of the cost of leave accruals.

RITM0050893 - Employer Contribution Error for Retirement Code A
Davis discovered an error with one of the new retirement codes established in July of 2013. Davis had an employee who had an incorrect retirement code of A (Tier 2013 at 100% service credit). Upon executing PPP530, Davis found that the GL transactions from PPP530 for UCRP did not match the Plan 21 amounts from PPI730.

RITM0043437 - Automated Billing Error for UCOP and Merced
The Base version of the financial control automated journal process is not working for UCM and UCOP. Currently, the automated journal process does not generate journals for UCOP or Merced.

Overview of System Modifications

1.2 Expense Distribution Process
Programs PPP520, PPP530 and PPFAU120 will be modified to correct the three errors.

Testing Considerations

Before and after testing should be done to verify that each of the errors has been corrected.
Mainframe Design

1.3 Cobol Programs

1.3.1 PPP520

PPP520 creates the Expense Distribution Work file (EDW) as an intermediate step of expense distribution. Modify as follows:

In 170000-PAYROLL-CTL-RCD, for a B2 cycle, do not bypass prior B1 processing if it was not processed in a Month 13 expense distribution.

```cobol
IF ECYCLE IS EQUAL TO 'B2'
***********AND SPEC-PROCESS-MONTH IS NOT EQUAL TO 01
AND ((SPEC-PROCESS-MONTH = 01 AND NOT PAR-PROCESSED-IN-M13-SW)
OR (SPEC-PROCESS-MONTH IS NOT EQUAL TO 01))
PERFORM 170500-PROCESS-B1-PCR
ELSE
MOVE 1 TO PH-FILE-INDICATOR.
```

1.3.2 PPP530

PPP530 creates the Distribution of Payroll Expense reports and General Ledger interface file. Modify as follows:

In ZERO-PERQ-MEMO-LOOP-2513, which bypasses retirement contribution processing for plan code A, and then treat it like W and U.

```cobol
IF XEDR-RCD23-RETR-PLN NOT EQUAL SPACES AND
XEDR-RCD23-RETR-PLN NOT EQUAL 'H' AND
*********** XEDR-RCD23-RETR-PLN NOT EQUAL 'N'
*********** XEDR-RCD23-RETR-PLN NOT EQUAL 'A'
THEN
MOVE WM-BI-1 TO WY-IDC-BENE-IX
MOVE WE-SWITCH-OFF TO WE-SEARCH-COMPLETE-FLAG
MOVE WE-SWITCH-OFF TO WE-MATCH-FLAG
MOVE XEDR-RCD23-RETR-PLN TO WX-RETR-PLN
IF WX-RETR-PLN = 'W'
OR WX-RETR-PLN = 'A'
MOVE 'U' TO WX-RETR-PLN
END-IF
```

1.3.3 PPFAU120

PPFAU120 returns the control and clearing accounts and GL descriptions for a given FAU. Modify as follows:

In Working-Storage, 01 INTERCMPS-ACCT-TRANSLATE-DATA, add the following for Merced and UCOP. Also adjust the occurs clause.

```cobol
05 INTERCMP-CLEARING-ACCT-10 PIC X(06) VALUE '889591'.
05 INTERCMP-CONTROL-ACCT-10 PIC X(06) VALUE '119591'.
05 INTERCMP-CLEARING-ACCT-0 PIC X(06) VALUE '889501'.
05 INTERCMP-CONTROL-ACCT-0 PIC X(06) VALUE '119501'.
```
Unit Testing Requirements

1.4 Before / After Test

1.4.1 Setup

1. Use July 2014 for testing, because one of the issues requires a July expense distribution in which a B2 was in progress at the beginning of July.
2. Load appropriate EDB, CTL and PAR databases from PAYMSM.BASE.UDB2*.JUL14
3. Make a copy of PAYMSM.BASE.FNLPAR.JUL14
4. Create test cases by modifying the PAR copy
   a. RITM0050893 test - Change retirement code in one PAR to A, and put a distinctive value (eg. 9999) in the cost center field of the FAU to make it easily recognizable. I used 000050900.
   b. RITM0043437 - Change 3 PARs so that account is one of 889591 (UCOP), 889501 (Merced) and 889510 (Berkeley). I used 000050005, 000050006 and 000050007.

1.4.2 Before Test

1. Run Expense Distribution.
   a. Include previous B1 PAR in PPP520 //PAYAUDIT
   b. Include LEDCNTL
   c. Include program PPP5341
2. Verify the following
   b. UCRP contribution not charged for retirement code A.
   c. Nothing in PPP5341 for Merced or UCOP, but present for Berkeley.

1.4.3 After Test

1. Run Expense Distribution as before.
2. Verify the following
   b. UCRP employer contribution charged to department for retirement code A
   c. PPP5341 includes Merced and UCOP