Service Request SR100472
CX One Time Lump Sum $13 Payment

Technical Specification

January 22, 2014
Prepared by Peter Parker

Information Technology Services
Office of the President
University of California
Version History

<table>
<thead>
<tr>
<th>Version #</th>
<th>Date</th>
<th>Revised By</th>
<th>Reason for Change</th>
</tr>
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<tr>
<td>1.0</td>
<td>01/22/2014</td>
<td>Peter Parker</td>
<td>1st draft</td>
</tr>
<tr>
<td>1.1</td>
<td>01/27/2014</td>
<td>Peter Parker</td>
<td>Correction in Background section PAY.ONET.COBOL(PPOT2032).</td>
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<tr>
<td>1.2</td>
<td>03/05/2014</td>
<td>Peter Parker</td>
<td>Revise to match BRD</td>
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1 Introduction

Distribute a one-time $13 lump sum payment to eligible members of bargaining unit CX as specified in the Grievance Settlement Agreement of January 9, 2014.

1.1.1 Service Request SR100472

A onetime program should calculate a lump sum payment of $13 in lieu of a retro. The lump sum payment must occur in each employee’s regular pay cycle.

The payment should be included in the following cycles:

MO 4/1 to 4/30 paid 5/1
MA 4/1 to 4/30 paid 5/7 or 5/8
BW 3/30 to 4/12 paid 4/23 (per email 2/13 Robert Franks)
SM 4/1 to 4/15 paid 4/23

2 Background

This onetime process is very similar to the process developed for SR83614 RX TX LumpSum_$100_Pymt release number 2032 see PAY.ONET.COBOL(PPOT2032).

3 Overview of System Modifications

Using PAY.ONET.COBOL(PPOT2032) as a starting place, write a onetime program with the same file outputs.

3.1.1 Compute

Generated an FT transaction will be processed by the Compute to create LUMP SUM payments.

4 Design Considerations

4.1 Assumptions and Dependencies

The existing code in PPOT2032 will be reused as much as possible. Most of the code required to produce the output files required can be reused. It is expected that the code required to select the eligible populate as well as the code that calculates the LUMP sum amount must be rewritten.
# 5 Mainframe Design

The requirements matrix from the Business Requirements is reproduced here:

<table>
<thead>
<tr>
<th>Req. ID</th>
<th>Requirement Type</th>
<th>Requirement Description</th>
</tr>
</thead>
</table>
| R0001   | One-time Process | **Select Eligible Employees for processing based on EDB and PAR data.**  
- The employee must have Retirement System Code of W, A, 6, U, B or 1 (UCRP Eligible) in the PAR data for the pay period described in 2 below.  
- The employee must have BW earnings in a period spanning July 1, 2013:  
  - PAR Title Unit Code CX and PAR Appointment Representation Code C  
  - The BW Pay Period End Date should be equal to or later than July 1, 2013, but not later than July 6, 2013 (BW)  
- The employee must have January 2014 earnings:  
  - PAR Title Unit Code CX and PAR Appointment Representation Code C  
  - The Pay Period End Date should be equal to or later than January 1, 2014 but not later than January 31, 2014 (MO, MA)  
  - The Pay Period End Date should be equal to or later than January 5, 2014 but not later than January 18, 2014 (BW)  
  - The Pay Period End Date should be equal to or later than January 1, 2014 but not later than January 15, 2014 (SM) |
| R0002   | One-time Process | **Prorate the payment across FAU based on EDB data**  
- Prorate the $13 payment across the FAUs from the employees current EDB distributions associated with Appointment Title Unit Code CX and Appointment Representation Code C. In case of rounding off differences among prorated amounts for an employee which can lead to the sum of the prorated amounts being less than the total payment (flat dollar amount), the declining balance method (subtract against the total payment) should be used to calculate each prorated amount.  
- Account correctly when naturally negative DOS codes are on the EDB. |
| R0003   | One-time Process | **Create 7 Output Files**  
- Lump Sum Payment Transactions (one for each pay cycle MO, MA, |
<table>
<thead>
<tr>
<th>Req. ID</th>
<th>Requirement Type</th>
<th>Requirement Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>SM, BW)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Warnings and Controls Report</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Add message when allocation to FAU results in net negative (message may be developed by programmer).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Tab delimited detail report</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Standard Costing Transactions File (for input to PPP960)</td>
</tr>
<tr>
<td>R0004</td>
<td>One-time Program</td>
<td><strong>Lump Sum Transactions</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Generate an FT transaction for each FAU having DOS code LSN and pay period end date coinciding with the next regular pay cycle for the employee.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• MA 4/30/2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• MO 4/30/2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• BW 4/12/2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• SM 4/15/2014</td>
</tr>
<tr>
<td>R0005</td>
<td>One-time Program</td>
<td><strong>Output</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• For employees with Employment Status Code “A” or “P” output to transactions file, tab delimited file, costing file.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Transactions are placed in one of four files depending on the employees primary pay cycle.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• For employees with Employment Status Code “N” output to tab delimited file only. Issue message “&lt;ERROR&gt; *UNPAID LEAVE OF ABSENCE; PAYMENT BYPASSED “to warnings and control report.</td>
</tr>
<tr>
<td>R0006</td>
<td>One-time Program</td>
<td><strong>Tab Delimited File</strong></td>
</tr>
<tr>
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<td>Columns of the tab delimited file should consist of:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Employee Name (EDB0105)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Employee ID</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Employee Home Department (EDB0114)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Home Department Code Description from the Home Department Table</td>
</tr>
<tr>
<td>Req. ID</td>
<td>Requirement Type</td>
<td>Requirement Description</td>
</tr>
<tr>
<td>---------</td>
<td>------------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Employment Status Code (EDB0144)</td>
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<tr>
<td></td>
<td></td>
<td>Deduction Pay Schedule Code (EDB0152)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For each FT transaction:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Full Accounting Unit (FAU)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Transaction Amount</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The column headers should be</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMPLOYEE NAME</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMP ID</td>
</tr>
<tr>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>FAU</td>
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<tr>
<td></td>
<td></td>
<td>AMOUNT</td>
</tr>
</tbody>
</table>

5.1.1 **CX One Time Lump Sum $13 Payment**

5.1.2 Cobol Programs

5.1.2.1 **PPOTRRRR** (RRRR = release number, determined at release time)

PPOTRRRR is a one-time program that will generate FT transactions.

* DESCRIPTION: */

Revise the description in FLOWERBOX
Inputs and Outputs

Seven output files, the same as PPOT2032

* * *
* - - > WARNING AND CONTROL REPORT
SELECT PRINT-FILE COPY CPSLXPRT.
* - - > FT TRANS FILES FOR MD / BW / SM / MA PAY SCHEDULES
SELECT FT-TRANS-MO ASSGN TO UT-S-FTPAYMO.
SELECT FT-TRANS-BW ASSGN TO UT-S-FTPAYBW.
SELECT FT-TRANS-SM ASSGN TO UT-S-FTPAYSM.
SELECT FT-TRANS-MA ASSGN TO UT-S-FTPAYMA.
* - - > FT COSTING FILE FOR PROCESSING IN PPP960
SELECT FT-COST-FILE ASSGN TO UT-S-FTCOSTFL.
* - - > ELECTRONIC FILE (TAB DELIMITED)
SELECT ELECT-FILE ASSGN TO UT-S-ELECFILE.

WORKING-STORAGE

Start with working storage the same as PPOT2032 Customize as needed.

PROCEDURE DIVISION

R0001 – Process each record read from the sequential merged PAR

- The sequential PAR file input should include all PAR data created by payroll Computes with earnings transaction end dates listed in R0001 and ending with the most recent PAR data created up to the day this one-time is run.
- REVISE 5700-COLLECT-EARN-AMT-FROM-PAR as needed
- After all PAR data for each employee has been processed, if any earnings are found that WERE NOT REJECTED then the employee is eligible for a lump sum payment, otherwise the employee is not eligible.

R0002 Prorate the payment across FAU based on EDB data, Create Lump Sum Transactions;

Program PPOT2032 contains the required code.

R0003 – Code in PPOT2032 should provide the basic framework for creation the 7 output files.

R0004 Generate FT transaction for each FAU

Program PPOT2032 contains the required code.

R0005 Output
Program PPOT2032 contains the required code.

R0006 Tab Delimited File

Program PPOT2032 contains the required code.

R0007 Warnings and Controls Report

Program PPOT2032 contains the required code.

5.1.3 Bind Members PPOTRRRR

PEND MEMBER: PPOTRRRR
*RELEASE: ___RRRR______ SERVICE REQUEST(S): ____8SSSS____ *
*NAME:______________ CREATION DATE: ___??/??/??__ *
*DESCRIPTION:*
  *-BIND FOR A NEW ONE-TIME PROGRAM*
* *

PEND - PLAN(PPOTRRRR) - MEMBER(PPOTRRRR) -
  OWNER(PAYADM) - ACTI ON(REPLACE) -
  RETAI N - VALI DATE(RUN) -
  ISOLATI ON(CS) -
  FLAG(I) - ACQUI RE(USE) -
  RELEASE(COMMIT) -
  EXPLAIN(NO) -

6 Unit Testing

6.1 Test cases

This SQL returned 97 employee ids when run using '2014-02-15'. This means that there are some test cases available in PAY.BASE.UDB2* PDS database unloads.

```sql
SELECT DISTINCT
  EMPLOYEE_ID
FROM PAYTPP.PPPERN
WHERE EMPLOYEE_ID IN (SELECT
  DISTINCT
  BEN.EMPLOYEE_ID
FROM PAYTPP.PPPBEN BEN
```
WHERE
  BEN.RET_ELIG_CODE IN
  ('W', 'A', '6', 'U', 'B', 'I')
  AND APP.TITLE_UNIT_CODE IN ('CX')
  AND APP.APPT_REP_CODE = 'C'
  AND APP.APPT_BEGIN_DATE <= '2014-02-15'
  AND APP.APPT_END_DATE >= '2014-02-15'
  AND DIS.PAY_BEGIN_DATE <= '2014-02-15'
  AND DIS.PAY_END_DATE >= '2014-02-15'
  AND DIS.DIST_PAYRATE <> 0
  AND APP.EMPLOYEE_ID = BEN.EMPLOYEE_ID
  AND DIS.EMPLOYEE_ID = APP.EMPLOYEE_ID
  AND DIS.APPT_NUM = APP.APPT_NUM ) ;