Service Request SR83614
RX TX One Time Lump Sum $100 Payment

Technical Specification

February 15, 2012
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>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>02/15/2011</td>
<td>Peter Parker</td>
<td>1st draft</td>
</tr>
</tbody>
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1 Introduction

SR83614 - Distribute a one-time $100 lump sum payment to eligible members of bargaining unit RX or TX as specified in the bargaining contract ratified on January 23, 2012.

On January 23, 2012 UPTE ratified agreements with the UC for the RX and TX bargaining units. According to the executed Terms of Settlement with RX and TX, all eligible RX and TX unit employees will receive a one-time, non-base building, non-retirement eligible lump sum payment equivalent to $100. Payments are due to the employees for the first full pay period following 90 days after January 23, 2012. This lump sum should be provided in the employee’s regular paycheck.

1.1.1 Service Request SR83614

A onetime program should calculate a lump sum payment of $100 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 ending May 31, 2012 – June 1 pay date
MA ending May 31, 2012 – June 7 or 8 pay date
BW ending May 12, 2012 – May 23 pay date
SM ending May 31, 2012 – June 8 pay date

2 Background

This onetime process is very similar to the process developed for SR83506 - AFSCME EX Lump Sum release number 2021

3 Overview of System Modifications

Using PAY.ONET.COBOL(PPO2021B) 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 PPO2021B will be reused as much as possible. It is an assumption that 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 U, B or 1 (UCRP Eligible) in the EDB the day the one-time program is run.  
- The employee must have January 2012 earnings:  
  a. PAR Title Unit Code RX or TX and PAR Appointment Representation Code C  
  b. The Pay Period End Date should be equal to or later than January 01, 2012, but not later than January 31, 2012 (MO, MA)  
  c. The Pay Period End Date should be equal to or later than January 22, 2012, but not later than February 4, 2012 (BW)  
  d. The Pay Period End Date should be equal to or later than January 16, 2012, but not later than January 31, 2012 (SM)  
- The employee must have current EDB distributions associated with Appointment Title Unit Code RX or TX and Appointment Representation Code C on the day the one-time program is run. |
| R0002   | One-time Process       | **Only one lump sum $100 payment is to be made per employee even if the employee is eligible under both RX and TX units.**                                                                                                                                                                                                                     |
| R0003   | One-time Process       | **Prorate the payment across FAU based on EDB data**  
- For each distinct FAU associated with a current regular distribution in appointments having Appointment Title Unit Code “RX” or “TX” 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. |
| R0004   | One-time Process       | **Create 7 Output Files**  
- Lump Sum Payment Transactions (one for each pay cycle MO, MA, SM, BW)  
- Warnings and Controls Report |
<table>
<thead>
<tr>
<th>Req. ID</th>
<th>Requirement Type</th>
<th>Requirement Description</th>
</tr>
</thead>
<tbody>
<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>R0005</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>o MA 5/31/2012</td>
</tr>
<tr>
<td></td>
<td></td>
<td>o MO 5/31/2012</td>
</tr>
<tr>
<td></td>
<td></td>
<td>o BW 5/12/2012</td>
</tr>
<tr>
<td></td>
<td></td>
<td>o SM 5/31/2012</td>
</tr>
<tr>
<td>R0006</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>R0007</td>
<td>One-time Program</td>
<td><strong>Tab Delimited File</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<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></td>
<td></td>
<td>Employment Status Code (EDB0144)</td>
</tr>
<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>
</tbody>
</table>
### Warnings and Controls Report
- The report should show totals for all payments processed.
- Totals should be grouped by primary pay schedule
- For each pay schedule, the report should display the number of transactions and the total amount of the lump sum payments.

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#### Cobol Programs

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

PPOTRRRR is a one-time program that will generate FX transaction.

**Inputs and Outputs**

Seven output files, the same as PPO2021B:

* *--> Warning and Control Report
  SELECT PRINT-FILE COPY CPSLXPRT.
* *--> FT Trans files for MO / BW / SM / MA Pay Schedules
  SELECT FT-TRANS-MO ASSIGN TO UT-S-FTPAYMO.
SELECT FT-TRANS-BW ASSIGN TO UT-S-FTPAYBW.
SELECT FT-TRANS-SM ASSIGN TO UT-S-FTPAYSMS.
SELECT FT-TRANS-MA ASSIGN TO UT-S-FTPAYMA.
*--> FT COSTING FILE FOR PROCESSING IN PPP960
SELECT FT-COST-FILE ASSIGN TO UT-S-FTCOSTFL.
*--> ELECTRONIC FILE (TAB DELIMITED)
SELECT ELEC-FILE ASSIGN TO UT-S-ELECFILE.

Remove this input file:
*--> INPUT EMPLOYEE ELIGIBILITY FILE
SELECT EMPE-FILE-IN ASSIGN TO UT-S-EMPELFIN.

WORKING-STORAGE

Start with working storage the same as PPO2021B. Customize as needed:

File EMPE-FILE-IN is used in PPO2021B to determine if the employee id from the merged PAR input meets eligibility requirements. File EMPE-FILE-IN should be eliminated and cursor BEN_ROW use in its place. To do this, sections 1000-INITIALIZATION and 6100-FIND-PAR-EMP-IN-EMPELFIN should be modified:

ADD THIS CODE TO 1000-INITIALIZATION:

ADD THIS CODE TO 1000-INITIALIZATION:

MOVE 'OPEN BEN ROW CURSOR' TO DB2MSG-TAG
EXEC SQL
OPEN BEN_ROW
END-EXEC.
MOVE 'FETCH BEN ROW CURSOR' TO DB2MSG-TAG
EXEC SQL
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* **FETCH BEN ROW**
  INTO :WS-EMP-ID-FETCHED
  **END-EXEC**
* **IF SQLCODE = +100**
  **SET EMPE-FILE-IN-EOF TO TRUE**
  **MOVE '999999999' TO WS-EMP-ID-FETCHED**
  **END-IF**

* **REMOVE THIS CODE FROM 6100-FIND-PAR-EMP-IN-EMPELFIN:**
  
  Delete the entire contents of 6100-FIND-PAR-EMP-IN-EMPELFIN.

* **ADD THIS CODE to 6100-FIND-PAR-EMP-IN-EMPELFIN:**

  *..*  
  **Search the eligibility list CURSOR for the PAR employee**  
  **PERFORM UNTIL EMPE-FILE-IN-EOF**  
  **OR WS-EMP-ID-FETCHED >= WS-EMPLOYEE-ID**
  **MOVE 'FETCH BEN ROW CURSOR' TO DB2MSG-TAG**  
  **EXEC SQL**  
  **FETCH BEN ROW**  
  **INTO :WS-EMP-ID-FETCHED**  
  **END-EXEC**  
  **IF SQLCODE = +100**  
  **SET EMPE-FILE-IN-EOF TO TRUE**  
  **MOVE '999999999' TO WS-EMP-ID-FETCHED**  
  **END-IF**
  **END-PERFORM**

  *..> Set eligibility flag, if employee exists in eligibility list*  
  **IF WS-EMPLOYEE-ID = WS-EMP-ID-FETCHED**  
  **SET EL-PAR-EARN-AMT-YES TO TRUE**  
  **END-IF.**

* 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.
  * Process all PAR earnings segments in XPAR-EARNING-DISTRIBUTION OCCURS 0 TO 500 TIMES DEPENDING ON XPAR-NO-ACCTS
    * Reject earnings unless one of these conditions is true.
      - XPAR-PAYCY-CODE() = ‘B’ AND (‘120122’ <= XPAR-PERIOD-END-DATE() <= ‘120204’)
      - XPAR-PAYCY-CODE() = ‘M’ AND (‘120101’ <= XPAR-PERIOD-END-DATE() <= ‘1231031’)
      - XPAR-PAYCY-CODE() = ‘S’ AND (‘120116’ <= XPAR-PERIOD-END-DATE() <= ‘120131’)
    * Reject earnings if XPAR-EXPENSE-TRANSFER (XPAR-TRANS-SEQ-CODE = ‘65’)
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- Reject earnings unless
  - XPAR-TITLE-UNIT-CODE() = ‘EX’ OR ‘TX’ AND XPAR-EARN-COVERAGE-IND() = ‘C’

  - 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 – Set a Lump Sum amount of $100 for each employee eligible for a lump sum payment

R0003 Prorate the payment across FAU based on EDB data, Create Lump Sum Transactions;
Program PPO2021B contains the required code.

R0004 – Code in PPO2021B should provide the basic framework for creation the 7 output files.

R0005 Generate FT transaction for each FAU
Pay periods targeted for issuing the lump sum payment:
  - MO or MA beginning May 1 and ending May 31, 2012
  - BW beginning April 29 and ending May 12, 2012
  - SM beginning May 16 and ending May 31, 2012

R0006 Output
Review existing code in PPO2021B to meet these requirements:

- For employees with Employment Status Code “A” or “P” output to transactions file, tab delimited file, costing file.
- Transactions are placed in one of four files depending on the employees primary pay cycle.
- For employees with Employment Status Code “N” output to tab delimited file only. Issue message “<ERROR> *UNPAID LEAVE OF ABSENCE; PAYMENT BYPASSED “to warnings and control report.

R0007 Tab Delimited File
Program PPO2021B contains the code to produce the tab delimited file.

R0008 Warnings and Controls Report
Report produced by PPO2021B fulfills this requirement.

5.1.3 Bind Members PPOTRRRR

**************************************************************************
* BIND MEMBER: PPOTRRRR                                                    *
**************************************************************************
6 Unit Testing

6.1 Test cases

This SQL returned 32 employee ids when run on 2012-02-14. This means that there are test cases available in PAY.BASE.UDB2* PDS database unloads.

```
SELECT DISTINCT
  EMPLOYEE_ID
FROM PAYTPP.PPPERN
WHERE EMPLOYEE_ID IN (SELECT DISTINCT
  BEN.EMPLOYEE_ID
FROM PAYTPP.PPPBEN BEN,
    PAYTPP.PPPAPP APP,
    PAYTPP.PPPDIS DIS
WHERE
  BEN.RET_ELIG_CODE IN ('U', 'B', '1')
  AND APP.TITLE_UNIT_CODE IN ('RX', 'TX')
  AND APP.APPT_REP_CODE = 'C'
  AND APP.APPT_BEGIN_DATE <= '2012-02-14'
  AND APP.APPT_END_DATE >= '2012-02-14'
  AND DIS.PAY_BEGIN_DATE <= '2012-02-14'
  AND DIS.PAY_END_DATE >= '2012-02-14'
  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
```