TEST PLAN FOR RELEASE 1113

Committed Salaries

March 7, 1997

Information Systems and Administrative Services
Office of the President
University of California
Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of the new Committed Salaries Expenditure Reporting (CSER) process identified in the release cover letter and Detail Design.

This test plan is made up of the following components:

1. Batch Table Loads
2. Committed Salaries Expenditure Reporting
**Batch Table Loads**

1. Job LOADEDB loads the DB2 EDB.

2. Job LOADCTL loads the DB2 CTL.

3. Job RUN150 loads the VSAM CTL (note the VSAM Control File is not necessary for test plan execution; it is provided so that test plan users may display tables via PPP010 as necessary).

**Verification**

Ensure that the above tables have been successfully loaded by verifying normal completion of the jobs and utility highest condition codes.
Committed Salaries Expenditure Reporting (CSER)

Run the following job:

RUNCSER.

This job (RUNCSER) executes a sample monthly Committed Salaries Expenditure Reporting process by running the following steps: PPP541, PPP542, PPP543, and PPP544. Note that this job is re-runnable (no DB2 tables are updated).

The major intent of Job RUNCSER is to verify that the proper GL encumbrances are issued based on the employee values contained on the EDB.

Verification

Output reports (SYSOUT) for the job are provided for RUNCSER verification in the REPORTS dataset. It is important to verify reconciliation reports PPP5411, PPP5421, PPP5431, and PPP5442.

The following sequential files are provided for comparison:

<table>
<thead>
<tr>
<th>JCL Dataset</th>
<th>Tape Dataset</th>
<th>Output Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEST.CSEEDBZO</td>
<td>RLSE.CSEEDBZO</td>
<td>PPP541</td>
</tr>
<tr>
<td>TEST.CUMBAOZ2</td>
<td>RLSE.CUMBAOZ2</td>
<td>PPP542</td>
</tr>
<tr>
<td>TEST.CSECONZ2</td>
<td>RLSE.CSECONZ2</td>
<td>PPP542</td>
</tr>
<tr>
<td>TEST.GLEX0896</td>
<td>RLSE.GLEX0896</td>
<td>PPP543</td>
</tr>
<tr>
<td>TEST.RVRSOTZ2</td>
<td>RLSE.RVRSOTZ2</td>
<td>PPP544</td>
</tr>
<tr>
<td>TEST.GLFILEZ2</td>
<td>RLSE.GLFILEZ2</td>
<td>PPP544</td>
</tr>
</tbody>
</table>

Test Cases

The following test examples are applicable to the detail CSER report, PPP5441. Note that the Organizational Unit/Department reporting order has been executed as per System Parm 156. Therefore, the order of this report is Org. Unit/Dept followed by FAU.
1) Examine the employee detail entries for:

ORG UNIT: 1001   DEPT CODE: 804918
FAU: 3-404918-    -19900-      -1

a. Note the first detail entry (Highwater, Helen; 000050001):

- The employee received 38,433.34 salary and 10,308.04 benefits during prior months in the fiscal year. The source of this data is the Cumulative Balance file created by PPP542 in the prior month.

- This month, the employee received 19,216.67 salary and 4,689.77 benefits. The source of this data is the current month EDW.

- The Committed Salary of 192,166.70 is a 10 month projection of EDB Distributions active during the remainder of the fiscal year which contain a Title Code of 0001 and a DOS of REG (i.e., since this is August’s run, there are 10 months remaining in the fiscal year). The “*” next to the begin/end date, indicates that 2 or more EDB distribution forecasts were consolidated for the employee due to common Title Code and DOS.

- The Committed Benefit of 46,897.70 is a projection of the ratio of Current Benefits to Current Salary times the Committed Salary:

\[
\frac{4,689.77}{19,216.67} \times 192,166.70 = 46,897.70
\]

b. Skip down to DENTIST, MARIA, 000050011:

- This employee was on Leave No Pay (i.e., LNP) from the beginning of the fiscal year until the end of February. Therefore, the Committed Salary projection (15,966.68) is for only 4 months (note the begin/end dates: 030197/063097).

- Because there is zero current month salary but current months benefits were paid (i.e., 367.72), the process assumes that it is a furlough type leave and, because there is no other reasonable manner of projecting benefits, the Committed Benefit is calculated as the sum of remaining fiscal months either on leave or active times the Current Month benefit:
10 months \( \times 367.72 = 3,677.20 \)

Note that whenever the "<LNP>" designation is made to the left of the Committed Benefit, the implication is that Committed Benefit amount is a function of leave/active months times the Current Benefit (rather than a ratio of Current Benefit to Current Salary).

2) Skip down (next page) to the GENERAL LEDGER SUMMARY report portion (i.e., still FAU 3-404918- -19900- -1).

a. The BALANCE FORWARD line amounts are retrieved from the GL Extract file.

b. The REVERSE AUG LIEN line amount of 1,214,749.23 is retrieved from the prior months Reversal File.

c. The ESTABLISH SEP LIEN amount of 1,105,903.72 is taken from the Committed Salary total of the employee detail. This amount will also be written to the Reversal File for processing next month.

Note that both the REVERSE AUG LIEN line amount of 1,214,749.23 and the ESTABLISH SEP LIEN amount of 1,105,903.72 will be issued as output to the GL Interface file.

d. For the SUBTOTALS, CURRENT MONTH, the EXPENDITURE amount of 98,702.56 is taken from the Current Month employee Detail SUB-TOTAL (SALARY); it is assumed that this amount is included in the EXPENDITURE amount of the BALANCE FORWARD.

e. For the SUBTOTALS, CUMULATIVE line:

   - the APPROPRIATION total is the total retrieved from the GL Extract file.

   - the EXPENDITURE total is the total retrieved from the GL Extract file.

   - the ENCUMBRANCE total is the sum of the total retrieved from the GL Extract file plus the new SEP LIEN less the reversal of the AUG LIEN.

f. For the SUBTOTALS, BALANCE line, the amount (and debit/credit indicator) is calculated based on the SUBTOTALS, CUMULATIVE line:
BALANCE = EXPENDITURE + ENCUMBRANCE - APPROPRIATION

3) Note that for this FAU (3-404918- 19900- 1), the total Committed Benefit amount of 286,052.85 is not issued as a GL encumbrance even though Sys Parm #157 is set to 1. This is because Fund 19900 is identified (in CPWSXCSE) to be excluded from benefit encumbrance issuance. Also note that when benefits are issued as encumbrances, the total calculated Committed Benefit amount is maintained from all Sub-Accounts within the FAU and then issued and reported under Sub-Account “6” for the FAU. An example of this is FAU “3-427701- 63000- 6” contained in Org. Unit 3001 of this report. In this example, the Sub-Account “0”, “1”, and “2” Committed Benefit amounts are combined and issued as an encumbrance using Sub-Account “6”.

THIS ENDS THE TEST PLAN.