RELEASE 1444

TEST PLAN

Expense Transfer – FICA Separation

November 22, 2002

Information Systems & Computing
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 program modifications identified in the release cover letter.

This test plan is made up of the following components:

1. Batch Table Loads
2. Expense Distribution Processing
Batch Table Loads

1. Job LOADCTL loads the DB2 CTL.
2. Job LOADEDDB loads the DB2 EDB.
3. Job LOADETH loads the DB2 TOE.

Verification

Ensure that the above tables have been successfully loaded by verifying normal completion of the jobs and utility highest condition codes.
Expense Distribution Processing

Run Supplied Test

Run the following job:

RUNEXPN.

This job (RUNEXPN) executes a sample monthly Expense Distribution process by running the following steps: PPP470, PPP500, PPP520, and PPP530. Note that this job may be rerun (no DB2 tables are updated). The PAR is the primary input to this process.

The major intent of Job RUNEXPN is to verify the correction of the error reports identified in the cover letter.

Verification

Output reports (SYSOUT) for the job are provided for RUNEXPN verification in the REPORTS dataset.

The following sequential files are provided for comparison:

<table>
<thead>
<tr>
<th>JCL Dataset</th>
<th>Output Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEST.CONBEN</td>
<td>PPP500</td>
</tr>
<tr>
<td>TEST.EDWM01</td>
<td>PPP520</td>
</tr>
<tr>
<td>TEST.GLTRANS</td>
<td>PPP530</td>
</tr>
<tr>
<td>TEST.TOEUPD01</td>
<td>PPP530</td>
</tr>
<tr>
<td>TEST.UIMAGEPR</td>
<td>PPP530</td>
</tr>
</tbody>
</table>

Points of Verification.

Error Report 1793 – FICA Split

Employee 000050012 has two Expense Transfers PARs (refer to report PPP4701). The first transfer has a FICA amount of 11.21 to split among OASDI and Medicare. Since this amount is not greater than the “normal” Medicare calculation of 11.21 (i.e., Medicare Rate of 1.45% times transfer gross of 772.80), the entire amount is assigned to Medicare and NONE is assigned to OASDI. Refer to report PPP5302, “Total Benefit Charges by Object Code” for FAU
The second transfer for employee 000050012 has a FICA amount of 56.04 to split among OASDI and Medicare. Since this amount is greater than the "normal" Medicare calculation of 11.21 (i.e., Medicare Rate of 1.45% times transfer gross of 772.80), the 56.04 is split 10.62 to Medicare and 45.42 to OASDI.

That is, the Medicare is calculated:

\[
\frac{(\text{FICA Amount} \times \text{Medicare Rate})}{(\text{Medicare Rate} + \text{OASDI Rate})} = \frac{(56.04 \times 0.0145)}{(0.0145 + 0.0620)} = 10.62
\]

Now, the OASDI is calculated:

\[
\text{FICA Amount} - \text{Medicare} = 56.04 - 10.62 = 45.42
\]

Refer to report PPP5302, "Total Benefit Charges by Object Code" for FAU "3-444918- -23781- -2" and FAU "3-601001- -19900- -2".

Note that negative transfers (e.g., of Cancellations) are consistent with the absolute Transfer Gross and the FICA Transfer amount. Refer to PPP4701 transfers for employees 000050021 and 000050041.

**Error Report 1820 - TOE File FAU and Benefit Pro-ration**

Employee 777000027 has an uncharged Health benefit of 40.00 (refer to report PPP5203 message 52-065) to be split evenly among three TOE FAUs. See PPP5302; FAU "3-404910- -19900- -6" was assigned 13.33, FAU "3-404942- -19900- -6" was also assigned 13.33, and FAU "3-722501- -19900- -6" was assigned 13.34.

Note that the only TOE records present for this employee had zero gross earnings so the split is done evenly (had non-zero gross earnings TOE records been present, the split pro-ration would be based on the gross earnings).

Employee 888000106 has an uncharged Health benefit of 10.00 (refer to report PPP5203 message 52-063) but the only TOE record for this employee had an FAU which was the Miscellaneous Benefit FAU so therefore, the TOE record was bypassed. Even though the
Miscellaneous Benefit FAU was then used as default, message 52-063 (default to Misc FAU) was issued rather than message 52-065 (default to TOE records).