Release 1926

Service Request 82976
UCRP Contribution Rates and Expense Distribution
Error Report 2275

Test Plan

May 26, 2010

Payroll/Personnel Services, ATS, IR&C
Office of the President
University of California
# TABLE OF CONTENTS

## Testing Overview

Batch Test Plan.................................................................3

- LOADCTL: Control Table (CTL) Initial Load........................3
- LOADCDB: Control Table History (CDB) Initial Load..............3
- LOADSYS: PCD PPPSYS Table Initial Load...........................3
- LOADEDDB: Employee Data Base (EDB) Load.......................4
- LOADPAR: Payroll Audit Record Data Base (PAR) Load...........4
- RUN004: CTL Update.........................................................5
- RUN741: CDB Update.........................................................5
- C1006MO: MO compute for June 2010.................................6
- RUN460: Create the June Monthly PAR File.........................6
- RUN730S: Standard Month End UCRP Interface for June 2010....7
- RUNEXP: Expense Distribution for June 2010.......................7
- RUN536: Consolidated Billing for UC-paid LI and Disability......7

## Online Test Plan

- Overpayments (OVPY).......................................................8
- Rush Checks (OPT1).........................................................8
- Vacation Leave Transfers (EDTL)........................................8

## Appendix A – Test Cases

...
Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of this release.

It includes the following batch processes:
- RUN004: CTL maintenance
- RUN741: CDB maintenance

Also provided are OPTIONAL test runs to demonstrate the behavior of the UCRP interface and Expense Distribution with the new employee rates:
- RUN460: to create the monthly PAR file from the MO PAR file
- RUN730S: Standard month end UCRP earnings and contribution interface for June 2010
- RUNEXP: Expense Distribution for June 2010
- RUN536: Consolidated Billing for UC-paid LI and Disability

The release also affects the following online functions:
- OVPY
- Rush Checks
- EDTL
Batch Test Plan

This plan addresses the compute, UCRP interface, and expense distribution.

LOADCTL: Control Table (CTL) Initial Load

Description

This job loads the DB2 CTL database.

Verification

Verify that the job has completed normally. Verify that all tables have been successfully loaded into the database. Verify that table PPPBRR is empty.

LOADCDB: Control Table History (CDB) Initial Load

Description

This job loads the DB2 CDB database.

Verification

Verify that the job has completed normally. Verify that all tables have been successfully loaded into the database.

LOADSYS: PCD PPPSYS Table Initial Load

Description

This job loads the DB2 PPPSYS table of the PCD database.

Verification

Verify that the job has completed normally. Verify that all tables have been successfully loaded into the database.
**LOADDB: Employee Data Base (EDB) Load**

**Description**
This job loads the EDB database.

**Verification**
Verify that the job has completed normally. Verify that all tables have been successfully loaded into the database.

**LOADPAR: Payroll Audit Record Data Base (PAR) Load**

**Description**
This job loads the PAR database.

**Verification**
Verify that the job has completed normally. Verify that all tables have been successfully loaded into the data base.
RUN004: CTL Update

Description
This job runs PPP004 to update the BRR table with a set of rates with effective dates.

Verification
Verify that the test results match those provided. Specifically, verify that the BRR table is successfully updated.

RUN741: CDB Update

Description
This job runs PPP741 to update the CDB with data from the CTL; it uses the CTL from the previous step.

Verification
Verify that the test results match those provided. Specifically, verify that the BRR is no longer listed in the updated tables.
C1006MO: MO compute for June 2010

Description

This job runs the MO compute for June 2010, and also produces the STIP file for UCRP plans.

Verification

Verify that the test results match those provided. Specifically, verify:

- employee 777000050 has a Safe Harbor deduction (GTN 734) of 74.55 for a retirement gross of 993.74
- employee 333333090 has a summer salary DCP deduction (GTN 735) of 87.50 for the ACR earnings of 2500.00 and a matching contribution (GTN 736)
- in the PAR file report (PRNTPAR/RLSE.E4401MO), the employees listed in Appendix A have the expected values for GTNs 005, 733, and 111
- the TFILE produced by PPI730 matches the one provided

RUN460: Create the June Monthly PAR File

Description

This job runs PPP460 to create a monthly PAR file from a provided June B2 PAR file (RLSE.FFNPARB2; RLSE.F4401B2 is also provided for reference) and the MO PAR file from C1006MO.

Verification

Verify that the job completed normally.
**RUN730S: Standard Month End UCRP Interface for June 2010**

**Description**

This job runs PPI730 in the S (Standard) mode to produce the earnings and contributions interface for UCRP from the monthly PAR file from RUN460.

**Verification**

Verify that the test results match those provided. Specifically, verify:
- the employees listed in Appendix A have the expected values for Plans 21, 05, and 95
As always, Plan amounts of zero are not recorded in the interface file, and expense transfers are excluded.

**RUNEXP: Expense Distribution for June 2010**

**Description**

This job runs expense distribution for June 2010, using the monthly PAR file created from RUN460.

**Verification**

Verify that the test results match those provided. Specifically, verify:
- employees 222222048 and 222222049 show a retirement code of U (not 1) for the 05/29/10 earnings distributions
- for the employees listed in Appendix A, the values listed in column Expense Dist Cost should match the values for the MATCHNG CONTRIB/ FSS/SMSP column of the PPP5302 report

**RUN536: Consolidated Billing for UC-paid LI and Disability**

**Description**

This job runs PPP536 with the EDW from the previous step.

**Verification**

Verify that the test results match those provided. Specifically, verify that the values in columns 12 – 18 for SBSFILE/RLSE.F536SBS are:
- 004340 \{ (for object 8800)
- 000470 \{ (for object 8560)
- 006710 \{ (for object 8980)
Online Test Plan

This plan addresses the verification of the online functions.

**Overpayments (OVPY)**

Select function OVPY from the SPCL menu with:
- ID: **222222028**
- Par Control Number: **071**

Enter the following:
- Check No: **000278**
- Check Dt: **060110**
- Pay Sch Cd: **MO**
- Original Net Pay: **0350103**
- Dst ID **001**
- Original Payrate **0500000**
- H %: **%**
- Orig Time **10000**
- Correct Payrate **0450000**
- H %: **%**
- Corr Time **10000**

After updating, verify the following values for the resulting transaction set or the reports produced by the process:
- GTN 005: 10.00
- GTN 733: n/a
- GTN 111: n/a

**Rush Checks (OPT1)**

Select function OPT1 from the SPCL menu with:
- ID: **222222028**

Enter the following on the second screen (Rush Check Opt1 Earns & Deds):
- Trn LX, PayEnd **113009**, Cy M, Dst 11 (to retrieve EDB data)
- Trn LX, PayEnd **053110**, Cy M, Dst 11 (to retrieve EDB data)

After updating, verify the following values for the resulting transaction set or the reports produced by the process:
- GTN 005: 81.00
- GTN 733: 100.00
- GTN 111: 19.00

**Vacation Leave Transfers (EDTL)**

Select function EDTL from the EDAT menu with:
- ID: **222222028**
- Pay Cycle: **MO**
- Pay End: **063010**

Enter the following on EDTL:
- Transfer From: *any valid FAU*
- Transfer To: *any valid FAU*
- Leave Hours: **100.00**
- Hourly Pay Rate **35.0000**
- Title Code: **7275**
- Accrued Through Date: **053110**

After updating, verify that the resulting expense transfer set in the THF shows an amount of 140.00 (3500.00 * 4%) as 014000 in the first amount on the E2 transaction after the U.
## Appendix A – Test Cases

<table>
<thead>
<tr>
<th>ID</th>
<th>R F S</th>
<th>EBE</th>
<th>GTN 005</th>
<th>GTN 733</th>
<th>GTN 111</th>
<th>Plan 05</th>
<th>Plan 95</th>
<th>Plan 21</th>
<th>DOS</th>
<th>PPE Date</th>
<th>Expense Dist Gross</th>
<th>Expense Dist Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>222222032</td>
<td>U E</td>
<td>RX/C</td>
<td>5,218.00</td>
<td>65.36</td>
<td>20.00</td>
<td>19.00</td>
<td>65.36</td>
<td>20.00</td>
<td>168.72</td>
<td>REG 06/30/10</td>
<td>4,218.00</td>
<td>168.72</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>late pay for March is DCP; employer @ 0%</td>
<td></td>
</tr>
<tr>
<td>333333050</td>
<td>U N</td>
<td>99/C</td>
<td>6,800.00</td>
<td>125.00</td>
<td>60.00</td>
<td>19.00</td>
<td>125.00</td>
<td>60.00</td>
<td>316.00</td>
<td>REG 06/30/10</td>
<td>6,000.00</td>
<td>240.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>RTP 06/30/10</td>
<td>1,200.00-</td>
<td>36.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>REG 04/30/10</td>
<td>2,000.00</td>
<td>40.00</td>
</tr>
<tr>
<td>777555025</td>
<td>U E</td>
<td>99/C</td>
<td>8,324.00</td>
<td>147.48</td>
<td>19.00</td>
<td>147.48</td>
<td>332.96</td>
<td>REG 06/30/10</td>
<td>5,324.00</td>
<td>212.96</td>
<td>late pay for May is UCRP; employer @ 4%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>RTP 05/31/10</td>
<td>3,000.00</td>
<td>120.00</td>
</tr>
<tr>
<td>222222050</td>
<td>B E</td>
<td>99/C</td>
<td>5,700.00</td>
<td>n/a</td>
<td>n/a</td>
<td>280.00</td>
<td>280.00</td>
<td>RTP 06/30/10</td>
<td>7,000.00</td>
<td>280.00</td>
<td>START; no employee contribution; late pay for November, employer @ 0%</td>
<td>RTP 03/30/10</td>
</tr>
<tr>
<td>000050078</td>
<td>U E</td>
<td>TX/C</td>
<td>1,965.60</td>
<td>20.31</td>
<td>19.00</td>
<td>20.31</td>
<td>70.62</td>
<td>REG 06/30/10</td>
<td>1,965.60</td>
<td>78.62</td>
<td>overpayment for April had no employee deduction; employer @ 2%</td>
<td>REG 04/30/10</td>
</tr>
<tr>
<td>333333113</td>
<td>U E</td>
<td>CX/C</td>
<td>2,500.00</td>
<td>31.00</td>
<td>19.00</td>
<td>31.00</td>
<td>100.00</td>
<td>REG 06/30/10</td>
<td>3,000.00</td>
<td>120.00</td>
<td>CX/C is still DCP; reduced pay for May is DCP; employer @ 4%</td>
<td>REG 05/31/10</td>
</tr>
<tr>
<td>222222051</td>
<td>U E</td>
<td>99/C</td>
<td>5,700.00</td>
<td>89.00</td>
<td>6.00</td>
<td>89.00</td>
<td>6.00</td>
<td>252.00</td>
<td>RTP 06/30/10</td>
<td>6,000.00</td>
<td>240.00</td>
<td>START; reduced START for February, employer @ 0% (no employee contribution)</td>
</tr>
<tr>
<td>701000011</td>
<td>U E</td>
<td>SX/C</td>
<td>2,391.57</td>
<td>28.83</td>
<td>19.00</td>
<td>28.83</td>
<td>95.57</td>
<td>RTP 06/30/10</td>
<td>2,245.76</td>
<td>89.83</td>
<td>START; reduced START for May, employer @ 2% (employee contribution)</td>
<td>RTP 05/31/10</td>
</tr>
<tr>
<td>701000008</td>
<td>U E</td>
<td>CX/C</td>
<td>3,331.20</td>
<td>47.62</td>
<td>19.00</td>
<td>47.62</td>
<td>141.56</td>
<td>RTP 06/30/10</td>
<td>3,535.00</td>
<td>141.40</td>
<td>START; CX/C is still DCP, so no employee contribution; reduced START for May, employer @ 0% (no employee contribution)</td>
<td>RTP 06/30/10</td>
</tr>
<tr>
<td>000050039</td>
<td>U E</td>
<td>RX/U</td>
<td>4,768.00</td>
<td>76.36</td>
<td>19.00</td>
<td>76.36</td>
<td>262.24</td>
<td>RTP 06/30/10</td>
<td>5,960.00</td>
<td>238.40</td>
<td>START; Expense transfer for January transaction, DOS not subject to summer salary DCP,</td>
<td>RTP 03/30/10</td>
</tr>
<tr>
<td>ID</td>
<td>Ret</td>
<td>Fl</td>
<td>S</td>
<td>EBE</td>
<td>retire gross</td>
<td>GTN 005</td>
<td>GTN 733</td>
<td>GTN 111</td>
<td>Plan 05</td>
<td>Plan 95</td>
<td>Plan 21</td>
<td>DOS</td>
</tr>
<tr>
<td>-------</td>
<td>-----</td>
<td>-----</td>
<td>----</td>
<td>-----</td>
<td>-------------</td>
<td>---------</td>
<td>---------</td>
<td>---------</td>
<td>---------</td>
<td>---------</td>
<td>---------</td>
<td>-----</td>
</tr>
<tr>
<td>000050035</td>
<td>U</td>
<td>E</td>
<td>LX/C</td>
<td>4,651.86</td>
<td>7.40</td>
<td>19.00</td>
<td>74.04</td>
<td>186.07</td>
<td>REG</td>
<td>01/31/10</td>
<td>500.00-</td>
<td>20.00-</td>
</tr>
<tr>
<td>000050035</td>
<td>RTP</td>
<td>03/30/10</td>
<td>350.14-</td>
<td>14.04-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>222222033</td>
<td>U</td>
<td>E</td>
<td>BX/C</td>
<td>3,000.00</td>
<td>41.00</td>
<td>19.00</td>
<td>41.00</td>
<td>120.00</td>
<td>REG</td>
<td>04/30/10</td>
<td>1,000.00-</td>
<td>40.00-</td>
</tr>
<tr>
<td>501000058</td>
<td>U</td>
<td>E</td>
<td>A3/C</td>
<td>7,200.00</td>
<td>89.00</td>
<td>36.00</td>
<td>19.00</td>
<td>41.00</td>
<td>REG</td>
<td>05/31/10</td>
<td>1,500.00-</td>
<td>60.00-</td>
</tr>
<tr>
<td>000050070</td>
<td>U</td>
<td>99/C</td>
<td>8,300.00</td>
<td>181.00</td>
<td>34.00-</td>
<td>19.00</td>
<td>181.00</td>
<td>34.00-</td>
<td>REG</td>
<td>06/30/10</td>
<td>6,500.00-</td>
<td>(260.00)</td>
</tr>
<tr>
<td>normal June furlough, employer @ 4%; reduced pay for April is DCP, employer @ 2%; employee has 6,500.00 in SMS, which is distributed across the June earnings and makes the PPP5302 numbers odd. The values in parentheses are the employer contribution amounts without the SMS amounts.</td>
<td>SRB</td>
<td>06/30/10</td>
<td>1,300.00-</td>
<td>(52.00)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

So composite retirement benefit amount treated as UCRP.

Expense transfer for April transaction, DOS not subject to summer salary DCP, so composite retirement benefit amount treated as UCRP.

Expense transfer for May transaction, DOS not subject to summer salary DCP, so composite retirement benefit amount treated as UCRP.

Expense transfer for April transaction, DOS not subject to summer salary DCP, so composite retirement benefit amount treated as UCRP.

Expense transfer for May transaction, DOS not subject to summer salary DCP, so composite retirement benefit amount treated as UCRP.

Late pay for January is DCP; employer @ 0%