TEST PLAN FOR RELEASE 1176

Generic Full Accounting Unit Fixes

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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 corrections to modules modified for generic Full Accounting Unit system in releases 1138 and 1150.

This test plan is addressed three processes:

1. Range Adjustment processing – program PPP910
2. Open Provision Range Adjustment processing – program PPP950
3. Costing Activity Consolidation – program PPP960
4. Costing – program PPP980

Testing for PPP910 addresses error report 1543, which states that the Campus Location value in the batch header produced by PPP910 is incorrect.

Testing for PPP960 addresses error report 1540, which states that the program improperly ignores the return code from PPFAU018, allowing a run to continue when a negative SQLCODE has been encountered by the called module.

The testing for programs PPP950 and PPP980 are based on the fact the the new versions of those programs and their respective called modules, PPFAU035 and PPFAU033, are complete replacements for the original GFAU versions.

All JCL for these tests is contained in the partitioned dataset:

PAYDIST.B1176.JCL

Unless otherwise indicated, sample reports for these tests are contained in the partitioned dataset:

PAYDIST.B1176.REPORTS

Other datasets significant to specific tests are identified below in the sections devoted to those tests.


**Batch Table Loads**

1. Job LOADEDDB loads the DB2 EDB.
2. Job LOADCTL loads the VSAM CTL.
3. Job UPDTMSG runs PPP010
4. Job RUN851 loads the DB2 CTL from VSAM.

**Verification**

Ensure that the above tables have been successfully loaded by verifying normal completion of the jobs and utility highest condition codes.
Range Adjustment – Final Phase

Job RUN910F executes the program PPP910 in Final Phase mode.

Verification

The batch header record in the output dataset:

```
PAYDIST.B1176.EDBTRANS
```

should contain a Location Code of ‘03’ in columns 6 and 7.
Open Provision Range Adjustment – Preliminary Phase I

Run the following jobs:

1. RUN900 to load the VSAM Pay Scale Table
2. RUN950P1 to execute the Preliminary 1 phase of PPP950

This job executes PPP950 with an Input Specification option of PRLM1. Note that this job may be re-run (no DB2 tables are updated).

The major intent of Job RUN950P1 is to verify that functionality of the preliminary transaction generation has not changed with the re-ordering of source code into FAU/non-FAU areas.

Verification

Output reports (SYSOUT) for the job are provided for RUN950P1 verification in the following datasets:

PAYDIST.B1176.PRELM1.PPP9501
PAYDIST.B1176.PRELM1.PPP9502
PAYDIST.B1176.PRELM1.PPP9503
PAYDIST.B1176.PRELM1.PPP9504
PAYDIST.B1176.PRELM1.PPP9505
PAYDIST.B1176.PRELM1.PPP9506
PAYDIST.B1176.PRELM1.PPP9507

Open Provision Range Adjustment – Preliminary Phase II

Run the following job:

RUN950P2

This job (RUN950P2) executes program PPP950 with an Input Specification option of PRLM2, permitting the user to apply corrections and updates to preliminary transactions generated in the PRLM1 phase. Note that this job may be re-run (no DB2 tables are updated).

The major intent of Job RUN950P2 is to verify that functionality of this process has not changed with the re-ordering of source code into FAU/non-FAU areas.

Verification
Output reports (SYSOUT) for the job are provided for RUNCSER verification in the following dataset:

- PAYDIST.B1176.PRELM2.PPP9501
- PAYDIST.B1176.PRELM2.PPP9502
- PAYDIST.B1176.PRELM2.PPP9503
- PAYDIST.B1176.PRELM2.PPP9504
- PAYDIST.B1176.PRELM2.PPP9505
- PAYDIST.B1176.PRELM2.PPP9506
- PAYDIST.B1176.PRELM2.PPP9507

**Open Provision Range Adjustment – Final Phase**

Run the following job:

```plaintext
RUN950F
```

This job (RUN950F) executes program PPP950 with an Input Specification option of FINAL. Note that this job may be re-run (no DB2 tables are updated).

The major intent of Job RUN950F is to verify that functionality of this process has not changed with the re-ordering of source code into FAU/non-FAU areas.

**Verification**

Output reports (SYSOUT) for the job are provided for RUN950F verification in the following datasets:

- PAYDIST.B1176.FINAL.PPP9501
- PAYDIST.B1176.FINAL.PPP9502
- PAYDIST.B1176.FINAL.PPP9503
- PAYDIST.B1176.FINAL.PPP9504
- PAYDIST.B1176.FINAL.PPP9505
- PAYDIST.B1176.FINAL.PPP9506
- PAYDIST.B1176.FINAL.PPP9507

**Costing Consolidation Process – PPP960**

1. Install, pre-compile, compile and link-edit the modified program PPP960.
2. Bind plan PPP960.
3. Run job RUN960. It should run to completion with a zero return code.
4. Pre-compile, compile and link-edit the unmodified program PPFAU018.
5. **Do not bind plan PPP960.**
6. Re-run the job RUN960.

**Verification**

The second run of the job RUN960 should terminate with the SEE SYSTEMS error message:

```
96-929 Negative SQLCODE Encountered
```

**Clean-up**

Following the execution of this test the following actions should be taken to clean up:

1. Re-bind the package for any CICS region using the now unbound version of PPFAU018.
2. Re-bind the following batch plans:

   ```
   PPP350
   PPP380
   PPP390
   PPP420
   PPP450
   PPP520
   PPP530
   PPP533
   PPP549
   PPP640
   PPP670
   PPP680
   PPP876
   PPP946
   PPP950
   PPP960
   PPP980
   ```

**Costing Process – PPP980**

Run job RUN980.
**Verification**

Output reports (SYSOUT) for the job are provided for RUN980 verification in the following datasets:

- PAYDIST.B1176.PPP9801
- PAYDIST.B1176.PPP9802