

Release 1597

**Service Request 80956
EX ATB Wage Increase
Test Plan**

August 20, 2004
08:00 AM

Enterprise IT 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 Release 1597.

The test is made up of the following components:

1. Control Table Data Base (CTL) Initial Load (LOADCTLF)
2. Employee Data Base (EDB) Initial Load (LOADEDDBF)
3. Database Record Display Report (RUN250AF)
4. Pay Scale File Update (RUN900F)
5. One-time Salaries Report - Preliminary (RUNOT1PF)
6. One-time EDB and Costing Transactions – Final (RUNOT1FF)
7. EDB File Maintenance (RUNFMT1F)
8. Database Record Display Report (RUN250BF)
9. Consolidate Costing Transactions (RUN960F)
10. Budget and GL Transactions (RUN980F)
11. Retroactive Process Group (RPG) Table Insert (LOADRPGF)
12. Retroactive Match File Creation (RUN684F)

Control Table Data Base (CTL) Initial Load (LOADCTLF)

Description

This job loads the DB2 CTL database.

Verification

Ensure that the DB2 CTL has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.

Employee Data Base (EDB) Initial Load (LOADEDDBF)

Description

This job loads the EDB database.

Verification

Ensure that the EDB has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.

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Data Base Record Display (RUN250AF)

Description

This job displays the test cases on the EDB database.

Verification

Verify that the test cases have been printed, and that they match the Ids in the PPP2501 report sent with this release.

Pay Scale File Update (RUN900F)

Description

This job loads VSAM Pay Scale Table using the Pay Scale Transactions from CARDLIB (PSHEADER).

Verification

Verify that the VSAM Pay Scale Table has been updated successfully. The Pay Scale Update Audit Report (PPP9001) should contain the same data as the report sent with this release. That is, the Pay Scale Table should be empty of all entries except for the increase Effective Date of 01/01/2004

One-time Salaries Report (RUNOT1PF)

Description

This job produces the one-time Salaries Report, Range Adjustment Exceptions and the final Transaction File used as input into the subsequent one-time program. This job is based on PPP910 run in the Preliminary 1 phase.

Verification

PPOT1597 creates three reports: OT15971 is the equivalent to PPP9101, OT15972 is the equivalent of PPP9102, and OT15978 is the equivalent of PPP9108.

OT15971 is the control report. Confirm that control totals match the report sent with this release.

OT15972 contains all the records that have been accepted, and which will result in EDB update and costing transactions in RUNOT1F.

OT15978 lists exceptions. During normal PPP910 processing, only those records displayed with an 07 error code would also appear on the OT15972 report. In this one-time process error codes 02, 03, 04, 05, 06 and 09 are also displayed on both the OT15972 and OT15978 reports. However, due to the functionality of the empty Pay Scale Table, only error code "09" will be present.

Confirm that the various test cases behaved as expected by comparing the locally produced reports with the release supplied reports. Additionally, machine verify the output "wrap-around" file (DD Name PLMTRNOT) produced locally with the release supplied file.

Refer to the test cases used in testing the one-time program in Table 1 at the end of this document:

Note that other examples are in this run, so verify all selections.

Final Preliminary File

Verify in column 259 of each record for a value of '2' ("internal code" indicating PPP910 Final Preliminary File is the result of an ATB process). The value in column 259 will be referenced in a subsequent one-time reporting program. This internal code will be used by the one-time reporting process to correctly identify ATB increases in the "Description" column of the one-time report.

One-time EDB and Costing Transactions (RUNOT1FF)

Description

This job reads the transaction file created by RUNOT1P and produces the EDB update and costing transactions.

Verification

Verify the number of EDB and costing transactions on the one-time report OT15971 match the report sent with this release.

Confirm that the file written to DD EDBTRANS matches the number of records stated in the control report plus a header.

Confirm that the file written to DD COSTFILE matches the number of records stated in the control report.

EDB File Maintenance (RUNFMT1F)

Description

This job updates the EDB database with the EDB transactions written by PPOT1597 in the RUNOT1F Final phase.

Verification

Verify that the job ran to successful completion. The verification of results uses the Data Base Record Display report created in the next step.

In addition, verify on the PPP1800 report that the transactions have been applied to the appropriate employee IDs.

Data Base Record Display (RUN250BF)

Description

This job displays the test cases on the EDB database after they have been updated with the EDB transactions out of PPOT1597.

Verification

Verify that the test cases have been printed and match the test cases in the report sent with this release.

Confirm that all the distributions listed in the OT15972 report in RUNOT1P have been processed. Distributions that cross the 01/01/04 effective date should have been terminated with a 12/31/2004 end date. These should still reflect the old rate. Confirm that new distributions have been created with the new rates, begin date of 01/01/2004 and an end date matching the original end date of the terminated distribution.

Distributions with begin dates of 01/01/04 or later should only have their rate updated.

Consolidate Costing Transactions (RUN960F)

Description

This job reads the costing transactions created by one-time program PPOT1597 in job RUNOT1FF and produces a consolidated costing file as output.

Verification

Verify the number of input costing transactions on the control report PPP9601 matches the number of written costing transactions on the OT15971 report.

Create Budget and GL Transactions (RUN980F)

Description

This job reads the consolidated costing file created by PPP960 and produces budgeting and General Ledger transactions.

Verification

Verify the number of costing transactions on the control report PPP9801 matches the number of accepted transactions on the PPP9601 report.

Verify that the employee detail entries on the Funded Staff Salaries Cost Report (PPP9802) reflect the old and new rates on the various one-time reports (see OT15972, OT15978).

Retroactive Process Group (RPG) Table Insert (LOADRPGF)

Description

This job inserts a Row on the DB2 RPG Table.

*Before submitting the job, modify the “*AUTHID*” in PAYDIST.R1597.DDL to the appropriate value.*

Verification

Ensure that the row has been inserted by verifying normal completion of the job. This new row will identify Process ID “EX2004” and Process Sequence “0100” which will be necessary for the Retroactive Pay process.

Retroactive Match File Creation (RUN684F)

Description

This job runs PPP684 and PPP685 with program PPP684 using as input, the same input file to the FINAL run mode of PPOT1597 (i.e., DD Name PLMTRNIN). On this Run Specification (UPAY877), the Error Code Override field contains values that are coordinated with the special conditions of PPOT1597.

This job also runs PPP685 which produces the completed retroactive merit “match” file and detail report.

Verification

Confirm the various test cases by comparing the locally produced reports with the release supplied reports. Additionally, machine verify the output “Match” file (DD Name MRTMATCH) produced out of PPP685 locally with the release supplied file.

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EX One-Time Test Cases 8/13/04										
EDB									Expected Results	
Emp ID	Rep	Titl e	Dist Rate	Sep Date	Dist End Dt	Appt Begin	Appt Rate CD	DOS	Rate	Comments
70100000 1	Cov	5419	\$13.68		Indef			Reg	\$13.95	2% increase-hourly rate
70100000 2	Cov	5419	\$2,855.00		Indef			Reg	\$2,912.10	2% increase-monthly rate
70100000 3	Cov	4662	\$19.91		Indef			Reg	\$20.31	OK to exceed max
70100000 4	Cov	4662	\$3,463.99		Indef			Reg	\$3,533.27	OK to exceed max
70100000 5	Cov	4685	\$16.88		Indef			Reg	\$16.88	Per Diem - no change
70100000 6	Unc	8673	\$24.16		Indef			Reg	\$24.16	Unc-no change
70100000 7	Cov	9610	\$20.03		Indef			Reg	\$20.03	RX-no change
70100000 8	Cov	8904	\$12.04	6/30/2004				Reg	n/a	Separation prior to run date-no change
70100000 9	Cov	8916	\$2,600.00		Indef		B	BYA	\$2,600.00	BYA-no change
70100001 0	Cov	8974	\$26.38		Indef	7/5/2004		Reg	\$26.38	Appt began after contract date (7/2/04)-no change
70100001 1	Cov	8919	\$17.13		Indef			OTP	\$17.47	Prem Overtime - increase ok
70100001 3	Cov	5419	\$13.68		Indef			Reg	\$13.95	2% increase-hourly rate
70100001	Cov	5419	\$13.68		Indef			OTP	\$13.95	2% increase-

EX One-Time Test Cases 8/13/04										
EDB									Expected Results	
Emp ID	Rep	Titl e	Dist Rate	Sep Date	Dist End Dt	Appt Begin	Appt Rate CD	DOS	Rate	Comments
3										Overtime Premium
70100001 3	Cov	5419	\$13.68		Indef			RTP	\$13.95	2% increase-Start REG
70100001 3	Cov	5419	\$13.68		Indef			RTS	\$13.95	Shift Diff - no change
70100001 4	Cov	5419	\$13.68		Indef			Reg	\$13.95	2% increase-hourly rate
70100001 4	Cov	5419	\$13.68		Indef			OTS	\$13.95	2% increase-OT Straight
70100001 4	Cov	5419	\$13.68		Indef			RTP	\$13.95	2% increase-Start Reg
70100001 4	Cov	5419	\$13.68		Indef			RTS	\$13.95	Shift Diff - no change
70100001 5	Cov	5419	\$10,000.0 0		Indef			STP	\$10,000.0 0	Stipend-no change

Table 1