

Release 1506

**Service Request 80563
RX ATB Wage Increase
Test Plan**

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Enterprise IT Services
Office of the President
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Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of Release 1506.

The test is made up of the following components:

1. Control Table Data Base (CTL) Initial Load (LOADCTLP)
2. Employee Data Base (EDB) Initial Load (LOADEDDBP)
3. Database Record Display Report (RUN250AP)
4. Pay Scale File Update (RUN900P)
5. One-time Salaries Report - Preliminary (RUNOT1PP)
6. One-time EDB and Costing Transactions – Final (RUNOT1FP)
7. EDB File Maintenance (RUNFMT1P)
8. Database Record Display Report (RUN250BP)
9. Consolidate Costing Transactions (RUN960P)
10. Budget and GL Transactions (RUN980P)
11. Retroactive Process Group (RPG) Table Insert (LOADRPGP)
12. Retroactive Match File Creation (RUN684P)

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

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 (LOADEDDBP)

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.

Data Base Record Display (RUN250AP)

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 (RUN900P)

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 10/01/2002

One-time Salaries Report (RUNOT1PP)

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

PPOT1506 creates three reports: OT15061 is the equivalent to PPP9101, OT15062 is the equivalent of PPP9102, and OT15068 is the equivalent of PPP9108.

OT15061 is the control report. Confirm that control totals match the report sent with this release.

OT15062 contains all the records that have been accepted, and which will result in EDB update and costing transactions in RUNOT1F.

OT15068 lists exceptions. During normal PPP910 processing, only those records displayed with an 07 error code would also appear on the POfrrr2 report. In this one-time process error codes 02, 03, 04, 05, 06 and 09 are also displayed on both the OT15062 and OT15068 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.

Note the following employee cases:

1. Employee 000050036 has an otherwise eligible appointment with an RX Title Unit Code but the Appointment Type is "6" (per diem) so the appointment is bypassed.
2. Employee 000050017 has an otherwise eligible RX Title Unit Code covered appointment with Appointment Type "2" (Career/Regular). However, the Rep Code of 'COV' (covered) for Appt Title Code of '9609' is not present on the PPPTSB Table to determine the value of Merit based so the single appointment is bypassed.
3. Employee 000050119 has an otherwise eligible RX Title Unit Code covered appointment with Appointment Type "3" (limited). However, the Appt Rep code is "U" (uncovered) so the appointment is bypassed.

4. Employee 000050050 has an active and eligible “hourly” appointment (RX/C) and is selected for the wage increase because the Appointment Type is “2” (career). The wage increase is issued and is identified on the “Salaries Report” with the old rate and calculated “hourly” rate. Since the Title Code is not on the empty TEST Pay Scale Table, the appointment is considered Open Range (Non-step) based for purposes of new hourly rate “rounding”.
5. Employee 000050018 has an active and eligible pay period rate appointment (RX/C) and is selected for the wage increase with Appointment Type “2” (career). The appointment will be given wage increase and is identified on the “Salaries Report” with the old rate and calculated new pay period rate. Since the Title Code is not on the empty TEST Pay Scale Table, the appointment is considered Open Range based for purposes of new pay period rate rounding. There are two distributions for this appointment, both are “REG” payments so both are given the wage increase and listed on the Salaries Report.
6. Employee 777000008 has an active and eligible hourly rated appointment (RX/C) and is selected for the wage increase with Appointment Type is “7” (partial year/career). The appointment will be given the wage increase and is identified on the “Salaries Report” with the old rate and calculated new hourly rate. Since the Title Code is not on the empty TEST Pay Scale Table, the appointment is considered Open Range based for purposes of new hourly rate rounding. There are two distributions for this appointment, one is “REG” and one is OTP so both are given the wage increase and listed on the Salaries Report.
7. Employee 000050104 has an eligible RX/C appointment. However, since the Merit Based value is ‘N’ for Title Code 9613 and Rep Code of ‘COV’ (covered) on the PPPTSB Table, the appointment is bypassed.
8. Employee 999888019 has an active and eligible appointment (RX/C) but is not selected for the wage increase because the Appointment Type is “5” and inconsistent with selection criteria.
9. Employee 999888025 has an eligible appointment (RX/C) and is selected for the wage increase because the Appointment End Date of June 30, 2003 is equal to the contract effective date of June 30, 2003.
10. Employee 999888026 has an eligible appointment (RX/C) but is not selected for the wage increase because the Appointment End Date of June 29, 2003 is prior to the contract effective date of June 30, 2003.

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

One-time EDB and Costing Transactions (RUNOT1FP)

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 OT15061 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 (RUNFMT1P)

Description

This job updates the EDB database with the EDB transactions written by OT15061 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 (RUN250BP)

Description

This job displays the test cases on the EDB database after they have been updated with the EDB transactions out of PPOT1506.

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 OT15062 report in RUNOT1P have been processed. Distributions that cross the 10/01/02 effective date should have been terminated with a 09/30/2002 end date. These should still reflect the old rate. Confirm that new distributions have been created with the new rates, begin date of 10/01/2002 and an end date matching the original end date of the terminated distribution.

Distributions with begin dates of 10/01/02 or later should only have their rate updated.

If there are not enough new distribution numbers in the old appointment, a new appointment is created for the new distributions

Consolidate Costing Transactions (RUN960P)

Description

This job reads the costing transactions created by one-time program PPOT1506 in job RUNOT1F 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 OT15061 report.

Create Budget and GL Transactions (RUN980P)

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 OT15062, OT15068).

Retroactive Process Group (RPG) Table Insert (LOADRPGP)

Description

This job inserts a Row on the DB2 RPG Table.

Verification

Ensure that the row has been inserted by verifying normal completion of the job. This new row will identify Process ID "RX2002" and Process Sequence "0100" which will be necessary for the Retroactive Pay process.

Retroactive Match File Creation (RUN684P)

Description

This job runs PPP684 and PPP685 with program PPP684 using as input, the same input file to the FINAL run mode of PPOT1506 (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 PPOT1506

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

Verification

Confirm that 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.