

**Release 1475**

**Service Request 80400**

**Error Report 1846**

**Error Report 1848**

**Modify HCRA Effective Date and  
Termination Date Retention**

**Test Plan**

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## Overview

This test is of the ever-popular “before” and “after” type.

Monthly Periodic Maintenance is run using the prior versions of PPEA006, PPEG338, PPEM107 and PPEM338. Upon HCRA Termination, PPEM338 zeroes out the HCRA GTN 338 G-Balance on the PPPDBL table. This leaves behind orphan HCRA Effective Dates. In addition, a few ID's on the test EDB already have orphans. Upon I4 Separation, a HCRA Termination Date is established regardless of HCRA enrollment. This can result in abends during subsequent Web/IVR enrollment by the separated, and then rehired, employee. Two prior cases of this condition already exist on the test EDB.

The release one-time program is run to clean up these orphans, both prior ones and the ones created during periodic maintenance. The one-time also initializes inappropriate JCRA Termination Dates.

The original EDB is then reloaded and the release versions of PPEA006, PPEG338, PPEM107 and PPEM338 are installed.

Monthly Periodic Maintenance is again run. This time, the release version of PPEM338 deletes both the G-Balance and the Effective Date. No new orphans should be created. This time, the release version of PPEM107 only establishes HCRA Termination Dates for employees enrolled in HCRA.

The one-time is run again. This time it will only find the test cases that existed on the EDB prior to periodic maintenance. It will correct two orphan HCRA Effective Dates and two HCRA Termination Dates.

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### **Load DB2 CTL Database (LOADCTL)**

Load the DB2 CTL.

#### **Verification**

Confirm the job ran to successful completion.

### **Load DB2 EDB Database (LOADEDDB)**

Load the DB2 EDB.

#### **Verification**

Confirm the job ran to successful completion.

## **Periodic Maintenance to Begin March (RUN130MA)**

This job performs Monthly Periodic maintenance to begin March. **It should be run with the pre-release version of PPEM338.**

### **Verification**

Confirm the job ran to successful completion.

The first PPP2501 report displays the test cases prior to maintenance. Note the presence, or not, of HCRA G-Balances and Effective Dates.

ID's 000050020 and 000050030 have Effective Dates, but no G-Balances. All the others should have both. Also note the HCRA Termination Date (EDB 0314), if any.

ID's 888000135 and 888000136 have HCRA termination Dates but no HCRA enrollment.

The second PPP2501 report displays the test cases after maintenance. The G-Balances should be gone for any ID that has a HCRA Termination Date prior to March 1, 2003, i.e. in a month prior to the month that was begun. The prior version of PPEM338 does **not** delete the HCRA Effective Dates; they should still remain.

Two new ID's 444000001 and 444000002 had I4 Separations. Despite no HCRA enrollment, the prior version of PPEM107 establishes a HCRA Termination Date. A correct HCRA Termination Date is also established for ID 444000003.

The PPP1800 report can be used to confirm HCRA related changes.

### **One-Time to Correct HCRA Dates (RUNOTA)**

This job identifies orphan HCRA Effective Dates, i.e. ones without a matching G-Balance, and deletes them. It should find ID's 000050020 and 000050030, plus any others that had their G-Balance deleted during periodic maintenance.

This job also identifies HCRA Termination Dates without HCRA enrollment. It should find ID's 888000135 and 888000136, plus any others with HCRA Termination Dates established during I4 processing.

PPOT1475 can be run in non-update mode (REPORT) and update mode (UPDATE). The DISPLAY data and ECF data should be the same in either mode. The PPP2501 report obviously will not reflect any changes if REPORT mode is run.

#### **Verification**

Confirm the job ran to successful completion.

The PPP2501 report displays the test cases after maintenance.

The G-Balances should be gone for any ID that has a HCRA Termination Date prior to March 1, 2003, i.e. in a month prior to the month that was begun.

DD SYSOUT should display a message for each ID that had a HCRA Effective Date deleted, e.g.

EMPLOYEE ID 000050020, 000050030 HCRA EFFECTIVE DATE 2003-01-01 DELETED.

The HCRA Termination Dates should be initialized for any ID that has a HCRA Termination Date and no HCRA U-Balance.

DD SYSOUT should display a message for each ID that had a HCRA Termination Date initialized, e.g.

EMPLOYEE ID 888000135 HCRA TERMINATION DATE 2003-03-31 INITIALIZED.

The PPP1800 report can be used to confirm HCRA related changes, as created on the ECF by the one-time program. The changes should conform to the PPP2501 report.

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## **Modify the Test Environment**

Reload the original EDB.

Install the release versions of PPEA006, PPEG338, PPEM107 and PPEM338.

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### **Periodic Maintenance to Begin March (RUN130MB)**

This job again performs Monthly Periodic maintenance to begin March. **It should be run with the release version of PPEM338.**

#### **Verification**

Confirm the job ran to successful completion.

The first PPP2501 report is the same as before.

The second PPP2501 report displays the test cases after maintenance. The G-Balances **and HCRA Effective Dates** should be gone for any ID that has a HCRA Termination Date prior to March 1, 2003, i.e. in a month prior to the month that was begun.

The HCRA Termination Dates should **not** have been established for the ID's with I4 Separation and no HCRA enrollment.

The PPP1800 report can be used to confirm HCRA related changes.

### **One-Time to Correct HCRA Dates (RUNOTB)**

This job identifies orphan HCRA Effective Dates, i.e. ones without a matching G-Balance, and deletes them. It should only find ID's 000050020 and 000050030.

This job also identifies HCRA Termination Dates without HCRA enrollment. It should find only ID's 888000135 and 888000136.

PPOT1475 can be run in non-update mode (REPORT) and update mode (UPDATE). The DISPLAY data and ECF data should be the same in either mode. The PPP2501 report obviously will not reflect any changes if REPORT mode is run.

### **Verification**

Confirm the job ran to successful completion.

The PPP2501 report displays the test cases after maintenance. The G-Balances should be gone for the two prior test cases that had orphan HCRA Effective Dates. The HCRA Termination Dates should be initialized for the two prior test cases with HCRA Termination Dates and no HCRA enrollment.

The PPP1800 report can be used to confirm HCRA related changes, as created on the ECF by the one-time program. The changes should conform to the PPP2501 report.

### **Daily Web/IVR Periodic Maintenance (RUN130WI)**

This job performs Daily Web/IVR Periodic maintenance. It confirms that the modified PPEG338 still correctly derives a HCRA Declining Balance (D-Balance) from the passed Annual Amount (U-Balance). **It should be run with the release version of PPEG338.**

#### **Verification**

Confirm the job ran to successful completion.

The first PPP2501 report shows the prior data for the ID's on CARDEXP (BENEFIVR) transactions.

The second PPP2501 report displays the test cases after maintenance. The HCRA U-Balance, G-Balance and Effective Dates should match the accepted input transactions. The derived HCRA D-Balances should match the U-Balance amounts.

The PPP1800 report can be used to confirm HCRA related changes.

## **Online**

Use the online ESEP and ERET functions to perform Separations and confirm that PPEA006 only establishes a HCRA Termination Date when the employee is enrolled in HCRA.

## **Verification**

Select an employee with HCRA enrollment, i.e. has an annual amount, and no HCRA Termination Date, and use the ESEP function to separate them. Use the ERET function to confirm that a HCRA Termination Date was correctly established.

Select an employee that is **not** enrolled in HCRA, i.e. does not have an annual amount, and use the ESEP function to separate them. Use the ERET function to confirm that a HCRA Termination Date was **not** established.

Select an employee with HCRA enrollment and an existing HCRA Termination Date that is prior to the last day of the month following the separation month, and use the ESEP function to separate them. Use the ERET function to confirm the existing HCRA Termination Date was retained.

Select an employee with HCRA enrollment with an existing HCRA Termination Date later than the last day of the month following the separation month, and use the ESEP function to separate them. Use the ERET function to confirm the HCRA Termination Date was re-derived.

Perform any desired local tests to confirm that PPEG338 still performs explicit EDB update HCRA edits as defined in Release 1440, and modified in Release 1448.