

Release 1458

**Service Request 80286
SHPS File**

Test Plan

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Overview

The test consists of a one-time process to create the initial PPPSHP rows, a test of the PPP465 modifications, and a test of the new PPP466 SHPS file creation.

Load DB2 CTL Database (LOADCTL)

Load the DB2 CTL. The PPPMSG table contains the changes issued with this release.

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.

A PPP2501 report is printed of the Employee ID's expected on the SHPS File.

Load DB2 PAR Database (LOADPAR)

Load the DB2 PAR. This contains three pay cycles: B2 12/07/2002, B1 12/21/2002 and MO 12/31/2002.

Verification

Confirm the job ran to successful completion.

Three SPUFI reports are printed.

The first displays all the PPPPIR rows.

The second displays all the PPPSHP rows. There should **not** be any.

The third displays PPPDRC rows for GTN's 335 (DepCare) and GTN 338 (HCRA).

One-Time (RUNOT)

This job creates a PPPSHP row from every PPPPIR row. Rows with a Pay Cycle Check Date in 2003 should have the SHPS File Indicator (SHP_FILE_INDICATOR) set to N. Rows with a Pay Cycle Check Date in 2002 should have the SHPS File Indicator (SHP_FILE_INDICATOR) set to Y.

Verification

Two SPUIFI reports are printed.

The first displays all the PPPPIR rows. There should be three.

The second displays all the PPPSHP rows. There should now be three PPPSHP rows as well. The data should match the PPPPIR data. The SHPS File Indicator for the 12/07/2002 B2 pay cycle should be 'Y'. The SHPS File Indicator for the 12/21/2002 B1 and 12/31/2002 MO pay cycles should be 'N'.

Create the SHPS File (RUN466A)

This job creates a SHPS File. There should be a record for every Employee ID that has a PPPDBL row for GTN 335 or 338, or has a PPPDRC row for the B1 or MO Compute for GTN's 335 or 338.

Verification

The PPP4661 report should show that the 12/21/2002 B1 and 12/31/2002 MO pay cycles were processed. The totals for the HCRA and DepCare activity and annual amounts should match the totals in the trailer record.

A SPUIFI report of the PPPSHP table after PPP466 should show all pay cycles' SHPS File Indicators with a value of 'Y' indicating that they have been processed by PPP466.

Confirm that a SHPS file was created. See Service Request 80286 for the record layout of the Header record, employee records and Trailer Record. Note that Employee Records are identified by Social Security Number rather than Employee ID, however the file is in Employee ID order out of PPP466. Confirm each records match to the PPP2501 report by checking the SSN in cc 1-9.

Confirm that each record contains the appropriate employee data, and HCRA/DCRA annual and activity amounts. There should be an Employee Record for every employee who is either enrolled in HCRA/DCRA on the EDB (defined as having a GTN 335 or 338 entry on the PPPDBL table), or had activity for GTN 335 or 338 on the PAR PPPDRC table. Check the UNION logic in the PPP466 EMP_ROWS cursor to identify expected PPPDRC data. Also note the inclusion/exclusion logic in 90082-ACCUMULATE-DEDUCTION. For example, suspended GTN activity for GTN's 335 or 338 is not reported.

Some other things to note:

The record for SSN 555555008 (ID 000050008) does not contain a value for DCRA annual amount. However the record for SSN 656426893 does. Open Enrollment transactions for DepCare included an annual amount. The CICS EIND function does not provide for a DepCare annual amount. Depending on the source of the data, the DCRA annual amount may be zero even though the employee is enrolled and has a G-Balance for GTN 335.

SSN 668141771 (ID 000050066) has a Foreign Indicator of F, so XX is placed in the State field and the zipcode is all zeros.

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SSN 444000056 (ID 444000056) does not report its DepCare activity because it is suspended.

SSN 444000091 (ID 444000091) does not report its HCRA activity because it is suspended.

SSN 444000092 (ID 444000092) does not report its HCRA activity because the deduction was not taken.

SSN 444000094 (ID 444000094) reported HCRA activity even though the employee is not enrolled.

Confirm the totals on the trailer record match the control totals on the PPP4661 report. The DB2 SUM function can be used to verify the totals from your PPPDBL and PPPDRC tables. For example:

```
SELECT SUM (GTN_AMT)
FROM .PPPDBL
WHERE GTN_NUMBER = '338'
      AND GTN_IND IN ('U')
```

Or

```
SELECT SUM (GTN_AMT)
FROM PPPDRC
WHERE GTN_NUMBER = '338'
      AND PAY_CYCLE_END_DATE > '12/07/2002'
      AND DED_SOURCE_CODE IN ('')
```

Note: this job can be run again (save your initial data) to demonstrate what will happen in the unlikely case that no PAR files have been loaded via PPP465 since the last run of PPP466. Employee records will still be written, but no activity will be reported, i.e. the HCRA/DCRA activity fields will be zeros.

Update the DB2 PAR (RUN465)

This job reads a flat PAR file from a January B2 Compute and updates the DB2 PAR.

Verification

Confirm that the January B2 PAR data was loaded successfully.

A SPUI report of the PPPSHP table after PPP465 should show a row for the 01/04/2003 B2 PAR. The SHPS File Indicator should have a value of 'N' indicating that it has not been processed by PPP466. The next run of PPP466 should process the pay cycle.