November 7, 2002

GRACE CHIU      MABEL LAI
HAI DOAN        JOHN MOREHEAD
CHESTER FERGUSON BARBARA VANDEN BORRE

Re:  Release:  1439
     Reference Release  1414
     Service Request:  3640
     Error Reports:  1824
     Programs:  PPBENUCR
     CICS Programs:  None
     Copymembers:  None
     Include Members:  None
     DDL Members:  None
     Bind Members:  None
     CICS Maps:  None
     Forms:  None
     Table Updates:  None
     Urgency:  Not Urgent (See Timing of Installation)

This release addresses the following Error Report:

**Error Report 1824**

It has been reported that the compute refunded a basic deduction (GTN 005) of one cent to a separated employee with no current pay for several months. The problem has been replicated and confirmed at UCOP.

Currently, there are five historical retirement gross buckets defined on the PPPPCM Table which are used to retain the retirement gross for the current month and for each four preceding months (one month prior, two months prior, three months prior, and four months prior). When a RX transaction is processed in the compute, the month associated with the pay period end date on the RX transaction is used to access the appropriate retirement gross bucket and a new historical retirement gross is calculated. However, when the adjusted gross on the RX transaction is greater than the historical retirement gross, the calculated historical retirement gross becomes negative, causing a basic deduction to be calculated. Release 1414 was released to correct that problem.

Release 1414 (released in June, 2002) modified PPBENUCR to set the calculated basic deduction to zero if the adjusted retirement gross is greater than the appropriate prior period historical retirement gross bucket. Employees with current pay were used to test the changes. The test didn't consider the case of a separated employee with no current pay, and the historical retirement gross bucket contained a negative gross.
The block of code (9 lines) to determine whether to set the calculated basic deduction to zero in section C111-DEDUC-LOOP of PPBENUCR is executed too soon. The block of code has been moved immediately following the COBOL statement that subtracts the intermediate basic deduction field.

This release corrects the problem described above.

**Programs**

**PPBENUCR**

The block of code (9 lines) from Release 1414 in section C111-DEDUC-LOOP of PPBENUCR that zeroes the calculated basic deduction is made too soon. The block of code has been moved immediately following the COBOL statement that subtracts the intermediate basic deduction field.

Since the UCRP revamp of Basic deductions to DCP deductions, existing logic in this module may not work as expected. Therefore it is advised that if Basic deductions again are required to be taken solely or in combination with DCP deductions, the logic in this module should be re-evaluated and changed as necessary to work properly.

**Test Plan**

A formal test plan is not provided with this release. However campuses can set up the following case to test the modifications made to PPBENUCR.

At UCOP, an employee with an Employment Status (EDB 0144) of ‘S’ is selected to test the changes made to PPBENUCR. SPUFI is used to change value of EDB 5521 (1-Month Prior Retirement Gross) to negative 50 cents (-0.50), value of EDB 5531 (1-Month Prior Retirement Rate) to 2.00, and value of EDB 5511 (1-Month Prior DCP Rate) to 2.00.

The MO Compute is run with the *modified* PPBENUCR module. It is verified on the PPP4401 report that the separated employee did not receive a refund of one cent on the UCRS Basic deduction. When the MO Compute is run again with the *unmodified* PPBENUCR module, the employee received a refund of one cent on the UCRS Basic deduction.

Campuses can replicate the test case described above.

In addition, at UCOP a regression test is performed using the Release 1414 test EDB data. The test results are the same as described in the Test Plan document of Release 1414. If a regression test is performed using the Release 1414 EDB data, the Hire Date (EDB 0113) of Employee ID 000050002 must be changed to one month prior to the actual MO Pay Period End Date. For example, if a MO Compute for Pay Period End Date of 11/30/2003 is run, the Hire date must be changed to 10/31/2003.

**Installation Instructions**

1. Install the *modified* dual program PPBENUCR.

2. DB2-precompile, compile and link the *modified* dual program PPBENUCR into both the batch loadlib (LOADLIB) and on-line loadlib (OLOAD).

3. Bind Package for PPBENUCR.


5. Perform the installation testing described above.

6. Perform any desired additional campus testing.
7. Install program PPBENUCR in production.

**Timing of Installation**

The installation of this release is Not Urgent.

This release should be installed as soon as possible to prevent a one cent refund of the Basic Deduction (GTN 005) for a separated employee with no current pay, and the separated employee’s prior period historical retirement gross bucket contains a negative gross due to incorrect gross adjustments. In addition, installing this release will relieve the payroll department of requiring corrections to the employee’s Basic Deduction and/or UCRS DCP Deduction.

Campuses are encouraged to install this release in as timely a fashion as possible, and in the normal numeric sequence of releases.

If there are any questions, please send electronic mail to Jackson.Quan@ucop.edu, or call at (510) 987-0464.

Jackson Quan

cc: Jerry Wilcox