Error Report 1747

It has been reported from UCLA that a problem exists with the calculation of the regular DCP amount via the On-line Rush Checks Process.

PPNETCLC is a dual module shared by both batch and on-line. The field named KUCR-MO-RETIRE-GROSS is an array that stores five Retirement Grosses. The first entry of the array contains the current retirement gross, and the last four subsequent entries contain history retirement grosses.

Module PPRCGRSS is called from the On-line Rush Checks Process to populate the appropriate KUCR-MO-RETIRE-GROSS entry with the Rush Checks Distribution Pay Gross. The particular KUCR-MO-RETIRE-GROSS entry is depended on the Pay Period End Month and Year of the pay transaction. For example, if the Current Month and Year is 07/01, and the transaction’s Pay Period End Date is in 07/01, the Distribution Pay Gross is moved to the first slot of the array. If the transaction’s Pay Period End Date is in 06/01, the history Distribution Pay Gross is moved to the second slot of the array. Thus, the third, fourth, and fifth slots contain the history Pay Distribution Pay Grosses for Pay Period End Dates in 05/01, 04/01, and 03/01 respectively.

In module PPNETCLC, before PPBENUCR (calculates DCP amounts) is called, the first entry of the array is always populated with the current Retirement Gross. This works correctly for batch, but not for the On-line Rush Checks Process if the transaction’s Pay Period End Date is not in the current month. In this case the array contains the Retirement Gross in the first slot and also in one of the other subsequent history retirement gross slots, causing the calculated Regular DCP amount to double.
Programs

PPNETCLC

This module has been modified such that the first occurrence of the KUCR-MO-RETIRE-GROSS array is unconditionally populated with the Adjusted Combined DCP Compensation Limit in batch environment only. If the process is via the CICS On-line environment, the calculated Adjusted Combined DCP Compensation Limit is compared against the value in each of the existing entries in the KUCR-MO-RETIRE-GROSS array. The Adjusted Combined DCP Compensation Limit is moved to the appropriate entry only when it is less than the value currently stored in the KUCR-MO-RETIRE-GROSS entry.

Test Plan

At UCOP, the On-line Rush Checks system is used to test the modified changes via the Function OPT1. Below is a typical case used to test the changes made to PPNETCLC. Additional test cases were used to test the modifications to PPNETCLC by the users at UCOP.

• **Modified version of PPNETCLC**

  Function **OPT1** and an Employee ID are entered on the Special Processes – Transaction Menu.

  The PF11 (NextFunc) key is pressed from the Rush Check Opt1 Employee Data screen.

  The following data is entered for an AP transaction type on the Rush Check Opt1 Earns & Deds screen.

<table>
<thead>
<tr>
<th>Trn</th>
<th>PayEnd</th>
<th>Cy</th>
<th>Dst</th>
<th>Ttl</th>
<th>L/A/C/F/P/S</th>
<th>Rte/Amt</th>
<th>S</th>
<th>DOS</th>
<th>Time</th>
<th>H%</th>
<th>RAI</th>
<th>WS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP</td>
<td>063001</td>
<td>M</td>
<td>11</td>
<td>7275</td>
<td>3404918</td>
<td>63000</td>
<td>1</td>
<td>1000000</td>
<td>REG</td>
<td>1000</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

  The PK5 key (Update) is pressed. Message **P0501 Transaction successfully processed - reports sent to printer** is issued. The PPRCAUDT1 report should display the appropriate Regular DCP amount of 181.00. Since this employee has not yet reached the OASDI limit, 2% is used to calculate the regular DCP amount (10,000.00 multiplied by 2% less 19.00) is equal to 181.00.

• **Unmodified version of PPNETCLC**

  If the unmodified version of PPNETCLC is executed via the on-line Rush Checks process, an incorrect regular DCP amount is calculated and displayed on the PPRCAUDT1 report.

Installation Instructions

1. Install the modified Dual program PPNETCLC.

2. DB2-precompile, compile and link the modified Dual program PPNETCLC into the batch loadlib (LOADLIB) and On-line loadlib (OLOADLIB).

3. Perform the installation testing described above to ensure proper installation.

4. Perform any desired additional campus testing.

5. Install program PPNETCLC in production.
Timing of Installation

Installation of this release is urgent. To prevent the problem of calculating incorrect regular DCP amounts via the On-line Rush Checks Process, this release should be installed as soon as possible.

Campuses should install this release into production to prevent the described problem above.

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

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