A problem has been reported by UCSD such that the calculation of the regular DCP amount via the On-line Rush Checks Process is incorrect when the percentage of time entered is less than 100 percent on the pay transaction via the OPT1 function.

PPRCOPT1 is a CICS screen module that is executed via Function OPT1. PPRCOPT1 accumulates separately the earnings associated with retirement-covered earnings, summer salary earnings, and earnings subject to OASDI. Referencing the earning field in copymember CPWSRCTS for the accumulation of the appropriate earnings was incorrect; that field may represent either a pay rate or number of hours, depending on the Time Code entered on the pay transaction. Thus, the incorrect accumulated grosses are passed to PPNETCLC that calculates DCP limits based on the accumulated grosses passed from PPRCOPT1. Note that changes made to PPRCOPT1 should be made also to PPRCOPT2. The actual earning field used for the accumulation of the earnings should have been taken from CPWSRCPW (gross fields populated by PPRCGRSS).

PPRCOPT1 and PPRCOPT2 have been changed such that references made to fields residing in CPWSRCTS have been changed to reference similar fields residing in CPWSRCPW. In addition, the accumulations of the separate earnings associated with retirement covered earnings, summer salary earnings, and earnings subject to OASDI have been moved to the area of the code after a call has been made to PPRCGRSS which populates the fields in CPWSRCPW, and just before a call is made to PPRCNET.

CICS Programs

PPRCOPT1
PPRCOPT1 has been changed such that references made to fields residing in CPWSRCTS have been changed to reference similar fields residing in CPWSRCPW. In addition, the accumulations of the separate earnings associated with retirement covered earnings, summer salary earnings, and earnings subject to OASDI have been moved to the area of the code after a call has been made to PPRCGRSS which populates the fields in CPWSRCPW, and just before a call is made to PPRCNET.

### PPRCOPT2

PPRCOPT2 has been changed such that references made to fields residing in CPWSRCTS have been changed to reference similar fields residing in CPWSRCPW. In addition, the accumulations of the separate earnings associated with retirement covered earnings, summer salary earnings, and earnings subject to OASDI have been moved to the area of the code after a call has been made to PPRCGRSS which populates the fields in CPWSRCPW, and just before a call is made to PPRCNET.

#### 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 PPRCOPT1. Additional test cases were used to test the modifications to PPRCOPT1 by the users at UCOP.

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

  **Modified version of PPRCOPT1**

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

  The following data is entered for a LX 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>DOS</th>
<th>Time</th>
<th>H%</th>
<th>RAI</th>
<th>WS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LX</td>
<td>063001</td>
<td>M</td>
<td>11</td>
<td>7275</td>
<td>340918</td>
<td>63000</td>
<td>1</td>
<td>2000000</td>
<td>REG</td>
<td>07500</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 281.00. Note that the actual gross is 15,000, which is derived by taking 75% of 20,000. Since this employee has not yet reached the OASDI limit, 2% is used to calculate the regular DCP amount (15,000.00 multiplied by 2% less 19.00) is equal to 281.00.

  **Unmodified version of PPRCOPT1**

  If the unmodified version of PPRCOPT1 is executed via the on-line Rush Checks process, an incorrect regular DCP amount of 381.00 less 19.00 is calculated and displayed on the PPRCAUDT1 report. Note that the full 20,000 gross pay entered is used in the DCP calculation.

- Function **OPT2** and an Employee ID are entered on the *Special Processes – Transaction Menu*.

  **Modified version of PPRCOPT2**

  Function **OPT2** and the same Employee ID from the test above are both entered on the *Special Processes – Transaction Menu*.

  The following data is entered on the *Rush Check Opt2 Earns & Deds* screen.

<table>
<thead>
<tr>
<th>CYC</th>
<th>DOS</th>
<th>Time</th>
<th>H/%</th>
<th>Pay Rate</th>
<th>S</th>
<th>DOS</th>
<th>Time</th>
<th>H/%</th>
<th>Pay Rate</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>M</td>
<td>REG</td>
<td>07500</td>
<td>%</td>
<td>2000000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

  The correct DCP Amount should be displayed on the *Rush Check Prospective Advice* screen.

  **Unmodified version of PPRCOPT2**
Function **OPT2** and the same Employee ID from the test above are both entered on the *Special Processes – Transaction Menu*.

An incorrect DCP Amount is displayed on the *Rush Check Prospective Advice* screen.

**Installation Instructions**

1. Install the **modified** CICS programs PPRCOPT1 and PPRCOPT2.

2. CICS-precompile, DB2-precompile, compile and link the **modified** CICS programs PPRCOPT1 and PPRCOPT2 into the On-line loadlib (OLOADLIB).

3. Bind packages for PPRCOPT1 and PPRCOPT2.

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

5. Perform any desired additional campus testing.

6. Install programs PPRCOPT1 and PPRCOPT2 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.

Jackson Quan

cc: Jim Dolgonas
    Jerry Wilcox