November 30, 2000

CHESTER FERGUSON          JOHN MOREHEAD
MABEL LAI                  CAROLINE RIDER
BOB MERRYMAN              BARBARA VANDEN BORRE

Re:  Release: 1315
     Service Request: none
     Error Reports: 1684, 1694
     Programs: PPEC002, PPEC052, PPEC607(new), PPEI002, USER08
     Copymembers: None
     Include Members: None
     Bind Members: PPEC607(new), PPP080, PPP120
     CICS Maps: None
     Forms: None
     Table Updates: System Message Table, Data Element Table, Process Group Table,
                    Routine Definition Table, Resource Definition On-line
     Urgency: Not Urgent

Error Report 1684

Error Report 1684 describes an edit for Per Diem appointments that does not occur in the handling of changes to Appointment FLSA Status Indicator (DE 2005). When an edit to the Appointment Type or Appointment FLSA Status Indicator causes an inconsistency between the two data elements, an error message should be displayed, and the Appointment FLSA Status Indicator should be initialized to Non-Exempt (0).

This release addresses this problem by adding an edit to the Implied Maintenance program PPEI002. In the case where a change to the appointment data causes Appointment Type to equal “6” and Appointment FLSA Status Indicator to equal “1”, the following message will be displayed:

APPT TYPE IS PER DIEM; APPT FLSA SET TO NON-EXEMPT

The Severity of the Error Message will be “Data-Override”. A value of ‘0’ will inserted into the Appointment FLSA Status Indicator during update to remedy the inconsistency.

Error Report 1694

Error Report 1694 describes an error in processing when Appointment data and Distribution data are added or updated simultaneously. When a new exempt appointment is added at the same time as a distribution Description of Service Code that forbids pay for exempt appointments, there is a possibility that the addition will be allowed. This can only occur if both the appointment and the distribution are added simultaneously. That is, if both are entered into the EAPP screen before the PF5 update key is pressed.
This release addresses this problem by changing the Processing Group Table entries for the Appointment FLSA Status Indicator edits. A new program will be added to edit both the Appointment FLSA Status Indicator and any corresponding Distribution DOS whenever either the Appointment FLSA or Distribution DOS is changed.

**Programs**

**PPEC002**
This program performs the Appointment Title Code consistency edits. In paragraph 1200-EDIT-FLSA-STATUS, code has been removed that had previously attempted to initialize the Appointment FLSA Status Indicator based on a Title Code change.

Also, corrections have been made so that the Appointment Type is edited for Per Diem appointments. In the event that a Per Diem appointment has been assigned an exempt Title Code, or when the FLSA status for the appointment has been changed to indicate Exempt, the 08052 Data Override message will be issued:

APPT TYPE IS PER DIEM; APPT FLSA SET TO NON-EXEMPT

**PPEC052**
This program performs the Distribution’s Description of Service Code consistency edits. The paragraph introduced in the Release 1289, 1400-EDIT-FLSA, will be removed. The logic will be moved to the new edit program PPEC607.

**PPEC607**
This new program performs the consistency edits between the Appointment FLSA Status Indicator and the Distribution DOS. It has been placed in the same Processing Group as the PPEC604 program, which edits the Distribution Begin Date against the Appointment Begin Date. The program will therefore be executed in the event any of the following data elements have been changed:

1. Appointment FLSA Status Indicator (DE 2005)
2. Distribution DOS (DE 2056)
3. Appointment Type (DE 2020)

Whenever Appointment Type of an exempt appointment is changed to Per Diem (6), the Appointment FLSA Status Indicator will be initialized to Non-Exempt (0). Likewise, if the Appointment FLSA Status Indicator of a Per Diem appointment has been changed to Exempt (1), PPEC607 will initialize the Appointment FLSA Status Indicator to Non-Exempt (0). This will occur whether the value was changed directly via the ECFL screen or by a change in the Title Code.

The consistency edit for Appointment FLSA Status Indicator and Distribution DOS has been moved here from PPEC052. If the two indicators conflict, the program will issue the 'Employee Reject' # 08049 message, "DISTRIBUTION DOS CODE CANNOT BE PAID FOR EXEMPT APPOINTMENT". The following summarizes the actions PPEC607 will take based on the values in each data element.

<table>
<thead>
<tr>
<th>DOS FLSA Status Indicator</th>
<th>Appointment FLSA Status Indicator</th>
<th>EDB Distribution Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y or Blank</td>
<td>1 (One) - Exempt</td>
<td>Allow Distribution</td>
</tr>
<tr>
<td>N</td>
<td>1 (One) - Exempt</td>
<td>Reject Distribution</td>
</tr>
</tbody>
</table>

**PPEI002**
This program performs the Appointment Title Code implied maintenance. Logic added in the Release 1289 that edits, initializes and formats error messages for the Appointment FLSA Status Indicator has been removed. The initialization of the Appointment FLSA Status Indicator has been added to USER08, and the consistency edits here have been moved to the new PPEC607 program.
The program is already triggered when a change is made to Appointment Type. However, the trigger as configured in the Release 1289 was incorrect. As a result the PPEC002 program executed rather than PPEI002. New PGT transactions have been added in this release.

Changes to the Appointment FLSA Status Indicator edits have added clarity to the code and new functionality in regard to the Appointment Type code. A new edit has fixed the problem of allowing Appt-Type to be changed to ‘6’ (Per Diem). In the event that Appt-Type = ‘6’ and Appt-FLSA-Ind = ‘1’, error message 12052 will be issued and Appointment FLSA Status Indicator will be set to ‘0’ (non-exempt).

USER08
USER08 is the main EDB maintenance edit driver called both online and in batch. It has been modified to include the initialization of Appointment FLSA Status Indicator when the Appointment’s Title Code has been changed.

Bind Member

PPEC607
This new Bind member contains the statements for binding the package PPEC607.

PPP080
This modified Bind member contains the statements for binding the plan PPP080.

PPP120
This modified Bind member contains the statements for binding the plan PPP120.

Table Updates

Data Element Table (PPPDET):
Triggers for the Appointment FLSA Status Indicator and Distribution DOS have been changed.

Process Group Table (PPPPGT):
The PPEC607 program has been added to the 009 processing group. Triggers for the PPEI002 program have been updated to correctly call the PPEI002 program.

Routine Definition Table (PPPRTD):
The PPEC607 program has been added as Consistency Edit number 607.

Message Table (PPPMSG):
The following new messages have been added to the PPPMSG Table.

<table>
<thead>
<tr>
<th>Message ID</th>
<th>Message Severity</th>
<th>Message Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>08052</td>
<td>4 - Data Override</td>
<td>APPT TYPE IS PER DIEM; APPT FLSA SET TO NON-EXEMPT</td>
</tr>
<tr>
<td>12052</td>
<td>4 - Data Override</td>
<td>APPT TYPE IS PER DIEM; APPT FLSA SET TO NON-EXEMPT</td>
</tr>
</tbody>
</table>
Test Plan

ON-LINE TESTS

These tests confirm that the EDB On-line functions EAPP and ECFL correctly add and update the Appointment FLSA Status Indicator data. The difference between these tests and the Test Plan released with the original Release 1289, is the focus on the Error Report issues:

First, for Error Report 1684, we tested adding and updating appointments that are Per Diem. We added and updated appointments from APPT-TYPE = ‘6’ as well as to APPT-TYPE = ‘6’.

For Error Report 1694, we tested adding appointments and corresponding distributions. For Exempt appointments we tested what happens when adding a distribution that includes a DOS that is unpayable for Exempt appointments (DOS-FLSA-IND=’N’).

In addition we tested that these changes have not effected the functionality of the original release. For example, we changed the Appointment FLSA Status Indicator from Non-Exempt to Exempt (where Non-Exempt is the default value derived from the appointment’s TITLE-CODE) and still generated the Employee Reject Error Message 08048.

The following table lists employee information for the On-Line testing of changes for this release:

<table>
<thead>
<tr>
<th>EMPLOYEE ID</th>
<th>APPT NUM</th>
<th>APPT-TYPE</th>
<th>TITLE CODE</th>
<th>TITLE FLSA IND</th>
<th>APPT FLSA IND</th>
</tr>
</thead>
<tbody>
<tr>
<td>000050020</td>
<td>20</td>
<td>2</td>
<td>7275</td>
<td>1 (Exempt)</td>
<td>1 (Exempt)</td>
</tr>
<tr>
<td>000050036</td>
<td>30</td>
<td>6</td>
<td>9500</td>
<td>1 (Exempt)</td>
<td>1 (Exempt)</td>
</tr>
</tbody>
</table>

Add an appointment to Employee ID 000050036 with APPT-TYPE = ‘6’ and TITLE-CODE = ‘9500’.
Press PF5 to update. The Expected Result is that you will receive Data Override message 08047 stating “APPT FLSA STATUS CANNOT BE SPACES; SET TO TITLE FLSA VALUE”. Continue by pressing PF5. The resulting value in Appointment FLSA Status Indicator will be ‘0’, indicating ‘Non-Exempt’. Typing IMSG will bring you to the ‘Entry/Update Messages’ screen, showing Data Override message 12052, “APPT TYPE IS PER DIEM; APPT FLSA SET TO NON-EXEMPT”.

Enter ECFL in the Next Function field. Attempt to override the FLSA value with a ‘1’ to Exempt. Press PF5.
Data Override message 08052 “APPT TYPE IS PER DIEM; APPT FLSA SET TO NON-EXEMPT” appears on the ECON screen. Pressing PF5 again will continue the update process, but not update the Appointment FLSA Status Indicator value. It will remain ‘Exempt’.

Add a new appointment to Employee ID 000050020, with an APPT-TYPE = ‘2’, and TITLE-CODE = ‘7275’.

```
<table>
<thead>
<tr>
<th>ID:</th>
<th>Name: ABSENT, MARCUS</th>
<th>SSN: 555-55-5020</th>
<th>Pri Pay: MO</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAF Gen No:</td>
<td>2</td>
<td>Appt Begin: 090900</td>
<td>Appt End: 999999</td>
</tr>
<tr>
<td>Dept:</td>
<td>FLSA</td>
<td>804918</td>
<td></td>
</tr>
<tr>
<td>Title:</td>
<td>PROGRAMMER/ANALYST III</td>
<td>Grade: 5</td>
<td>%Full: 0.30</td>
</tr>
<tr>
<td>Dist</td>
<td>Actions</td>
<td>L Acct</td>
<td>CC</td>
</tr>
<tr>
<td>Pay Begin</td>
<td>Pay End</td>
<td>Step</td>
<td>O/A</td>
</tr>
<tr>
<td>Dist</td>
<td>Actions</td>
<td>L Acct</td>
<td>CC</td>
</tr>
<tr>
<td>Pay Begin</td>
<td>Pay End</td>
<td>Step</td>
<td>O/A</td>
</tr>
</tbody>
</table>
```

Press PF5 to update. The ECON screen will show Data Override message 08047, “APPT FLSA STATUS CANNOT BE SPACES; SET TO TITLE FLSA VALUE”. The Appointment FLSA Status Indicator will default to the TITLE-CODE level FLSA value of ‘1’, Exempt.

Add a distribution to the new appointment. Use OTS for the DOS-CODE (assuming OTS has a DOS-FLSA value of ‘N’). Press PF5 to update.
The expected result is seeing the ECON screen appear, showing the Employee Reject message 08049 “DISTRIBUTION DOS CODE CANNOT BE PAID FOR EXEMPT APPOINTMENT”. PF3 back to the EAPP screen, cancel the update and delete the new appointment.

Now add the appointment and distribution information simultaneously.

Press PF5 to update.
The expected result is the ECON screen showing the Employee Reject message 08049, “DISTRIBUTION DOS CODE CANNOT BE PAID FOR EXEMPT APPOINTMENT”. Press PF3 to return to the previous screen, cancel the update, and change the DOS to ‘REG’. Press PF5 to update. The update will be successful.

Attempt then to change the DOS to ‘OTS’ instead of ‘REG’. Press PF5.

The expected result is seeing the ECON screen will still appear, showing the Employee Reject message 08049 “DISTRIBUTION DOS CODE CANNOT BE PAID FOR EXEMPT APPOINTMENT”. PF3 back to the EAPP screen, cancel the update and delete the new appointment.

Add a new Per-Diem appointment with an exempt Title-Code. Simultaneously add a distribution with an “OTS” DOS.

Press PF5 to update. You will receive the Data Override message 08047, “APPT FLSA STATUS CANNOT BE SPACES; SET TO TITLE FLSA VALUE”. Continue by pressing PF5.

The result expected shows a new Per-Diem Non-Exempt appointment with one distribution indicating an ‘OTS’ DOS.

Now, update the Appt-Type to ‘2’. Press PF5. The results show only a change in the Appt-Type. The Appointment FLSA Status Indicator did not change to ‘Exempt’. 
Furthermore, changing the Title-Code to another ‘Exempt’ title, 7275, does not cause an update. The ECON screen successfully formats the Employee Reject message 08049, “DISTRIBUTION DOS CODE CANNOT BE PAID FOR EXEMPT APPOINTMENT”.

Press PF3 to return, and cancel the update. Enter ECFL to enter the ECFL screen for the same Employee ID. Page to the new appointment, and change the ‘0’ in the FLSA field to ‘1’. Press PF5 to update.

As expected, this results in the ECON screen showing the Employee Reject message 08049 “DISTRIBUTION DOS CODE CANNOT BE PAID FOR EXEMPT APPOINTMENT”. PF3 to exit.
Installation Instructions

1. Install the **new** plan in the following table.

<table>
<thead>
<tr>
<th>Bind Member</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPEC607</td>
<td></td>
</tr>
</tbody>
</table>

2. Install, compile, link and bind the **new** program listed in the following table.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PPEC607</td>
<td>Yes</td>
<td>Dual</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

3. Install, compile, link and bind the modified programs listed in the following table.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PPEC002</td>
<td>Yes</td>
<td>Dual</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>PPEC052</td>
<td>Yes</td>
<td>Dual</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>PPEI002</td>
<td>No</td>
<td>Dual</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>USER08</td>
<td>Yes</td>
<td>Dual</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

4. Install the following Binds and rebind the associated program.

<table>
<thead>
<tr>
<th>Program</th>
<th>Plan Bind?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPP080</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>PPP120</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

5. Install the modified transactions listed in the following table by running the PPP010 program.

<table>
<thead>
<tr>
<th>CARDLIB member</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>DETPROD</td>
<td></td>
</tr>
<tr>
<td>MSGPROD</td>
<td></td>
</tr>
<tr>
<td>PGTPROD</td>
<td></td>
</tr>
<tr>
<td>RTDPROD</td>
<td></td>
</tr>
</tbody>
</table>

6. Run the PPP851 program to update the DB2 CTL with the above changes.

7. An RDO table entry is required for new program PPEC607. The CICS Resource Definition Operations (RDO) is provided in the release CARDLIB(RDOPROD). Replace *GROUPID* with the campus group.

Timing of Installation

The installation of this release is not-urgent.

Address questions via electronic mail to Roy.Staples@ucop.edu or telephone at (510) 987-0692.

Roy Staples

cc: Jim Dolgonas
    Jerry Wilcox