Service Request 100342
Suspend PPS Derivation of Update of CCL Flag

Technical Specification
**Version History**

<table>
<thead>
<tr>
<th>Version #</th>
<th>Date</th>
<th>Revised By</th>
<th>Reason for Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>12/4/13</td>
<td>Maxine Gerber</td>
<td>Initial Draft</td>
</tr>
<tr>
<td>1.1</td>
<td>12/16/13</td>
<td>Maxine Gerber</td>
<td>Corrected external impact section</td>
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1 Introduction

[This document is the technical specification for PPS changes related to service request 100342.

1.1.1 Service Request 100342
The purpose of this BRD is to prevent the campus PPS instances from calculating their own estimate of the Covered Compensation Flag (CCL) for each employee.

2 Background

Existing edits and derivations of EDB0236 will be removed. New derivations will be added for newly hired employees. Obsolete messages will be deleted.

3 Overview of System Modifications

3.1.1 EDB Maintenance Process
- Remove edits and derivation of data element EDB0236 from program PPEC101
- Remove EDB0236 from the ERET screen – PPWERET program and PPERET0 map
- Add EDB0236 to the ECEN screen – PPWECEN program and PPECEN0 map
- Modify CICS Help anchors for ERET and ECEN screens
- Add default value of “N” for EDB0236 for new hires to program PPEA001
- Remove obsolete messages from the PPPMSG table.
- Update the PPPDES table to reflect moving EDB0236 from ERET to ECEN

4 Design Considerations

4.1 External Impact
This PPS Service request and UCRS service request 100258 are interdependent as UCRS is taking over responsibility for providing corrections to PPS for the CCL (the details of the distribution process are TBD).

CCL information from UCRS cannot update PPS until SR100342 is implemented to prevent PPS from altering the UCRS sourced CCL corrections. UCRS SR100258 is dependent on completion of PPS SR100342 to stop PPS generated updates to the CCL

5 Testing Considerations

High level test plan:
- Verify that EDB0236 no longer appears on the ERET screen
- Verify that EDB0236 now appears on the ECEN screen
Verify that CICS help for EDB0236 is correctly anchored on ECEN and is no longer anchored on ERET.

Verify that consistency edit messages are not displayed when updating EDB0236 via ECEN.

Verify that the correct EDB0236 value of “N” is derived for a new hire regardless of retirement codes.

Verify that EDB0236 is not re-derived in online updates. In QA this should also be tested in batch and periodic maintenance.

Verify that obsolete messages have been removed from the PPPMSG table.

Verify that EDB0236 is correctly associated with ECEN on the EDES screen.

6 Mainframe Design

6.1 EDB Maintenance

6.1.1 Cobol Programs

6.1.1.1 PPEA001

PPEA001 performs edits and maintenance for a new hire (action code 01). It will be modified to derive a default value of “N” for EDB0236 for all new hires.

WORKING-STORAGE
Add E0236 to ELEMENTS-USED.

PROCEDURE DIVISION
Add the following code to both 1100-ACTION-EDITS-MAINLINE and 5100-IMPLIED-MAINT-MAINLINE

MOVE ‘N’ TO COV-COMP-LIMIT-CD
MOVE E0236 TO DL-FIELD.
PERFORM 9050-AUDITING-RESPONSIBILITIES.

6.1.1.2 PPEC101

PPEC101 performs consistency edits and maintenance on retirement, FICA, and DCP codes. All code for editing and deriving EDB0236 will be removed.

WORKING-STORAGE
- Remove E0236 from ELEMENTS-USED.
- Remove the following:
  - HIRE-DATE-SWITCH
  - ORIG-HIRE-DATE-SWITCH
  - HIRE-DATES-FLAG

PROCEDURE DIVISION
- In both 1100-CONEDITS-MAINLINE and 5100-IMPLIED-MAINT-MAINLINE, remove the entire block of code:
  IF (SAVE-COV-COMP-LIMIT-CD NOT = COV-COMP-LIMIT-CD)
  ... END-IF
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- Remove the following sections:
  9080-EDIT-CCL-IMPLIED
  9081-EDIT-CCL-EXPLICIT
  9082-SET-CCL-TO-G
  9083-SET-CCL-TO-N
  9084-CONVERT-HIRE-DATES
  9086-DETERMINE-HIREDT
  9087-EDIT-CCL-AND-POFS-RETR
  9088-SET-CCL-TO-BLANK

6.1.1.3 PPWECEN
PPWECEN is the screen processor for the ECEN function (Central Office Information). It will be modified to include data element EDB0236.

PROCEDURE DIVISION
Copy all code related to EDB0236 from PPWERET.

6.1.1.4 PPWERET
PPWERET is the screen processor for the ERET function (Retirement Information). All code related to EDB0236 will be removed.

PROCEDURE DIVISION
Remove all code related to 0236

6.1.2 CICS Map Changes

6.1.3 CICS Map Changes
6.1.3.1 PPECEN0
PPECEN0 is the CICS map for the screen function ECEN - Central Office Information.

- Using SDF II, modify the DGIPNL member, adding the following fields on line 14, beneath “Current MCB”.
  - DE0236-L-COV-COMP-LIMIT-CD
  - DE0236-COV-COMP-LIMIT-CD

- Generate the BMS and MAPLIB members.
- Assemble the map.

6.1.3.2 PPERET0
PPERET0 is the CICS map for the screen function ERET - Retirement Information.

- Using SDF II, modify the DGIPNL member, deleting the following fields. Do not re-position remaining fields.
  - DE0236-L-COV-COMP-LIMIT-CD, width 23, value “Covered Comp Limit Cd :”.
  - DE0236-COV-COMP-LIMIT-CD, width 2, value spaces.
6.1.4 CICS Help Updates

6.1.4.1 CICS Help Anchors
- Remove anchoring for EDB0236 from the PPERET0 screen.
- Add anchoring for EDB0236 to the PPECEN0 screen.

6.1.5 Control Table Updates

6.1.5.1 CTL Database

6.1.5.1.1 PPPMSG – System Messages Table
Transactions should be generated to delete the following messages from PPPMSG:
- 08372
- 12372
- 08373
- 12373
- 08370
- 12370
- 08371
- 12371
- 08375
- 12375
- 08376
- 12376

6.1.5.1.2 PPPDES – Data Element to Screen Table
PPPDES contains data on the CICS EDB Entry/Update screen(s) on which data elements appear and whether the data element is protected from entry on a screen.

Using UPAY815, a transaction should be generated to delete the existing record which indicates that EDB0236 is on the ERET screen and another transaction to add a record with EDB0236 on the ECEN screen.

7 Unit Testing Requirements

1. Generate the Message table report via PPP004 and verify that the obsolete messages do not appear.
2. Verify that EDB0236 no longer appears on the ERET screen.
3. Verify that EDB0236 now appears on the ECEN screen and contains the correct value for the employee.
4. Verify that CICS help for EDB0236 is correctly anchored on ECEN.
5. Verify that CICS help for EDB0236 is no longer anchored on ERET.
6. On the EDES screen, enter data element 0236 and verify that ECEN appears under “screens”, and ERET does not appear.
7. Verify that consistency edit messages are not displayed when updating EDB0236 via ECEN and that EDB0236 is not re-derived online. Before and after testing should be done to compare the results of online updates. The following table indicates the messages which are currently generated and the cases which cause them. None of these messages should be generated after the modifications are made and no re-derivation of the CCL code should occur:

<table>
<thead>
<tr>
<th>Code</th>
<th>Message Description</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>08-372</td>
<td>CHECK COV COMP LIMIT CODE - &quot;G&quot; NOT VALID WITH HIRE DATE(S)</td>
<td>Employee with EDB0236 = 'G' and original hire date later than 1994. Change the EDB0236 to &quot;N&quot;.</td>
</tr>
<tr>
<td>12-372</td>
<td>COV COMP LIMIT CODE SET TO &quot;G&quot; - NOT VALID WITH HIRE DATE(S)</td>
<td>Employee with EDB0236 = 'G' and original hire date prior to 1994. Change the EDB0236 to &quot;N&quot;.</td>
</tr>
<tr>
<td>08-373</td>
<td>COVERED COMP LIMIT CODE OF &quot;N&quot; WITH HIRE DATE BEFORE JULY 1,1994</td>
<td>Employee with EDB0236 = 'G' and original hire date prior to 1994. Change the EDB0236 to &quot;N&quot;.</td>
</tr>
<tr>
<td>12-373</td>
<td>COVERED COMP LIMIT CODE OF &quot;N&quot; WITH HIRE DATE BEFORE JULY 1,1994</td>
<td>Employee with EDB0236 = 'G' and original hire date prior to 1994. Change the EDB0236 to &quot;N&quot;.</td>
</tr>
<tr>
<td>08-370</td>
<td>COV COMP LIMIT CODE WILL BE SET TO &quot;G&quot; BASED ON HIRE DATE(S)</td>
<td>Employee with EDB0236 = 'G', original hire date prior to 1994 and retirement code &quot;U&quot;. Change EDB0236 to blank.</td>
</tr>
<tr>
<td>12-370</td>
<td>COV COMP LIMIT CODE HAS BEEN SET TO &quot;G&quot; BASED ON HIRE DATE(S)</td>
<td>Employee with EDB0236 = 'G', original hire date prior to 1994 and retirement code &quot;U&quot;. Change EDB0236 to blank.</td>
</tr>
<tr>
<td>08-371</td>
<td>COV COMP LIMIT CODE WILL BE SET TO &quot;N&quot; BASED ON HIRE DATE(S)</td>
<td>Employee with EDB0236 = 'G', original hire date prior to 1994 and retirement code &quot;U&quot;. Change EDB0236 to blank.</td>
</tr>
<tr>
<td>12-371</td>
<td>COV COMP LIMIT CODE HAS BEEN SET TO &quot;N&quot; BASED ON HIRE DATE(S)</td>
<td>Employee with EDB0236 = 'G', original hire date prior to 1994 and retirement code &quot;U&quot;. Change EDB0236 to blank.</td>
</tr>
<tr>
<td>08-375</td>
<td>COV COMP LIMIT CODE WILL BE SET TO 'N' FOR RETR CODE 'H' OR 'N'</td>
<td>Employee with EDB0236 = 'N' and retirement system code = &quot;U&quot;. Change the retirement code to &quot;H&quot;.</td>
</tr>
<tr>
<td>12-375</td>
<td>COV COMP LIMIT CODE HAS BEEN SET TO 'N' FOR RETR CODE 'H' OR 'N'</td>
<td>Employee with EDB0236 = 'N' and retirement system code = &quot;U&quot;. Change the retirement code to &quot;H&quot;.</td>
</tr>
<tr>
<td>08-376</td>
<td>COV COMP LIMIT CODE MUST BE BLANK WITH RETR CODE 'P', 'O', 'F', OR 'S'</td>
<td>Employee with EDB0236 = 'N' and retirement system code = &quot;U&quot;. Change the retirement code to &quot;P&quot; and EDB0236 to blank.</td>
</tr>
<tr>
<td>12-376</td>
<td>COV COMP LIMIT CODE SET TO BLANK WITH RETR CODE 'P', 'O', 'F', OR 'S'</td>
<td>Employee with EDB0236 = 'N' and retirement system code = &quot;U&quot;. Change the retirement code to &quot;P&quot; and EDB0236 to blank.</td>
</tr>
</tbody>
</table>

8. Verify that the correct EDB0236 value of “N” is derived for a new hire regardless retirement codes.

a. Enter a new hire with retirement code = “U”. Commit the update.
   - Go to the ECEN screen and verify that Covered Comp Limit Cd = "N".

b. Enter a new hire with retirement code = “P”. Commit the update.
   - Go to the ECEN screen and verify that Covered Comp Limit Cd = "N".