Service Request 83636
UCRS New Tier 2013

Technical Specification

June 24, 2013
Prepared by Caroline Rider

Information Technology Services
Office of the President
University of California
## Version History

<table>
<thead>
<tr>
<th>Version #</th>
<th>Date</th>
<th>Revised By</th>
<th>Reason for Change</th>
</tr>
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<tbody>
<tr>
<td>1.0</td>
<td>10/01/2012</td>
<td>Caroline Rider</td>
<td>Initial draft</td>
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<td>Caroline Rider</td>
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</tr>
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<td>11/19/2012</td>
<td>Caroline Rider</td>
<td>More updates related to disability plan; most TBDs completed (except PPFICRET and PPP56x programs)</td>
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<td>12/12/2012</td>
<td>Caroline Rider</td>
<td>Updates noted to date by programming team; PPFICRET</td>
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<tr>
<td>1.3.1</td>
<td>01/02/2013</td>
<td>Caroline Rider</td>
<td>Changed PPPV400B/PAY to PPPV400A/BEN</td>
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<td>Caroline Rider</td>
<td>Added PPGRSPAR; updated PPP400, PPNETCLC, PPNETUPD, PPBENRET; added PPBENUCR and PPOROVPY; recompiles needed for CPLNKBRR</td>
</tr>
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<td>02/14/2013</td>
<td>Caroline Rider</td>
<td>Replaced Consolidated Billing section, and included PPP536 (previously with Expense Distribution as recompile only); replaced PPOROVPY; removed new GTN (not needed)</td>
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<tr>
<td>1.6</td>
<td>05/30/2013</td>
<td>Caroline Rider</td>
<td>Final revisions</td>
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<td>Gerry Mulligan</td>
<td>Additional revisions for changes made to Expense Distribution and Consolidated Billing before the QA test</td>
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<td>Caroline Rider</td>
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<td>1.10</td>
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<td>Caroline Rider</td>
<td>Per UCSF report related to Safety hire post 07/01/2013 moving to non-Safety, modify PPFICRET to mark expired appointments before marking future appointments</td>
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1 Introduction

This technical specification provides detailed information about the modifications necessary in PPS to support the implementation of the new UCRP plan.

1.1 Service Request 83636

SR83636 asks for the implementation of a new tier of retirement benefits, effective July 1, 2013. In addition, there will be a new employee-paid supplemental disability plan available only to employees in the new retirement tier.

1.2 Service Now Ticket - RITM0003473

Service Now ticket RITM0003473 requires modifications to the batch compute, Rush Check, Expense Distribution and UCRS/EIAS Interface processes to treat UCRP contribution calculations for future payments the same way they are treated for current payments.

2 Background

As of July 1, 2013, newly-hired employees (and most rehired employees) who are eligible for UCRP will have a new membership category, with benefits and deductions that are different from other members of UCRP.

3 Overview of System Modifications

3.1 Control Table Maintenance Process

The Benefits Rates Retirement table will need to be extended to support the Tier 2013 rates. The new employee-paid disability plan that is exclusive to Tier 2013 members will need a new table. The new employee-paid disability rate table (BRF) will not be included in the History CTL (CDB); the current employee-paid disability rate table (BRE) is in the CDB, but is not used in any Base processes.

3.2 EDB Maintenance Process

EDB maintenance will need to be modified to handle the new retirement plan codes for Tier 2013, including the derivation of the retirement code. In addition, new rules will need to be established for enrollment in the existing and the new employee-paid disability 2013 plan, particularly for Safety employees. It is anticipated that the 2013 plan will be similar to the existing plan, and that the new retirement code values will be sufficient to distinguish the plans.

3.3 Compute/Rush Check Process

The compute and Rush Checks will need to be modified to support the calculation of the UCRP deduction for the Tier 2013 codes and rates. The process that sets the retirement code value for attaining the Fiscal Year Covered Compensation limit will need to support Tier 2013. In addition, the compute will need to be modified to support the calculation of the new employee-paid disability 2013 plan. Further, the compute and rush check processes will need to be modified to treat future pay periods as though they were the current processing month.
3.4 **Distribution of Expense Process**

Expense distribution will need to be modified to support the calculation of the UCRP contribution for the Tier 2013 codes and rates.

3.5 **Consolidated Billing Process**

The consolidated billing process will need to be modified to support a new disability plan. The employer and employee costs will need to be tracked separately for self-billing purposes.

3.6 **UCRS/EIAS Interface Processes**

The UCRS interface process will need to be modified to include the Tier 2013 retirement plan values. Tier 2013 deductions are included in Plan 05, and Tier 2013 contributions are included in Plan 21. In addition, the UCRS interface process and the EIAS interface process will need to be modified to treat future pay periods as though they were the current processing month.

3.7 **Other Interfaces**

The retirement plan is reported in the IVR/AYSO interface, the CPS interface, and the SLIS interface. The employee-paid disability plan is also reported in the IVR/AYSO interface, the CPS interface, and the SLIS interface. The retirement code is used by PPP495 to re-calculate the basis for union dues/fees that depend on a retirement base.

3.8 **Other Reporting**

PPP570 (Benefits Premium Audit) reports revised premiums for insurances, including employee-paid disability.

3.9 **Tax Process**

The tax reporting process will need to be modified to include the Tier 2013 plan values. These modifications will be held to be done with the expected 2013 tax reporting modifications.

4 **Design Considerations**

4.1 **Assumptions and Dependencies**

- The new employee-paid supplemental disability plan is available only to Tier 2013 members, and is the only employee-paid supplemental disability plan available to them. Note that enrollment in employee-paid supplemental disability is primarily controlled by BELI.
- Most tests for enrollment in employee-paid disability look for a non-zero waiting period; that will also be true for the Tier 2013 plan, and a retirement plan of W, A, or 6 will identify that it is Tier 2013.
- Safety employees are always retirement plan U, but if they move to a non-Safety position, they will be Tier 2013 if they were hired after July 1, 2013.
- SR83636 describes Safety as a separate retirement tier; current processing treats it as a subset of plan U, and the UCRS interface does not identify it as a distinct plan (instead, service credit is flagged as Safety or Non-safety). It will probably be less invasive to continue to treat Safety as a subset of plan U.
4.2 General Constraints

- PPS modifications are not intended to have a life of more than two or three years.
- It is unlikely that there will be much movement of employees from Safety to non-Safety positions during the remaining lifetime of PPS; it may be sufficient to identify the employees for further manual processing to ensure they are enrolled in the proper retirement and disability plans.

4.3 External Impact

The retirement code values are passed to corporate interfaces:

- IVR/AYSO
- Corporate Personnel
- Senior Leadership

The employee-paid disability information is passed to corporate interfaces:

- IVR/AYSO
- Corporate Personnel
- Senior Leadership

The employee-paid disability information is passed from IVR/AYSO to PPS for the special daily update process.

5 Mainframe Design

5.1 Control Table Maintenance

5.1.1 Database Changes

5.1.1.1 PPPBRF (new)

PPPBRF is a new table for the Tier 2013 employee-paid disability rates. This table will be identical to the existing PPPBRE table, with BRF in place of BRE.

5.1.1.1.1 DDL Members

5.1.1.1.1.1 TSBRF00C (new)

This TABLESPACE definition will be identical to TSBRE00C, with BRF in place of BRE.

5.1.1.1.1.2 TBBRF00C (new)

This TABLE definition will be identical to TBBRE00C, with BRF in place of BRE.

5.1.1.1.1.3 IXBRF00C (new)

This INDEX definition will be identical to IXBRE00C, with BRF in place of BRE.

5.1.1.1.1.4 PPPVZBRF (new)

This VIEW will be identical to PPPVZBRE, with BRF in place of BRE.
5.1.1.2 Include Members

5.1.1.2.1 PPPVZBRF (new)
This INCLUDE will be identical to PPPVZBRE, with BRF in place of BRE.

5.1.2 COBOL Programs

5.1.2.1 PPBENBRR
PPBENBRR retrieves the CTL retirement deduction and contribution rates from the PPPBRR table. It will be modified to change the current calls of E for UCRP employee rates to E for UCRP employee U rates and F for UCRP employee 2013 rates, and to change the current calls of U for UCRP employer rates to U for UCRP employer U rates and W for UCRP employer 2013 rates. The existing return array will continue to be used, but will be populated based on the call type.

PROCEDURE DIVISION
In section 0000-, add WHEN phrases to EVALUATE:

- WHEN KBRR-RATE-SET-UCRP-EE-W, move 22 to WS-HOLD-ENTRY-NUMBER, perform 9400-GET-BRR, move KBRR-RETIREMENT-RATE (22) to KBRR-RETIREMENT-RATE (01)/(02)/(03)/(04) (the one Tier 2013 employee rate will be put in all four UCRP rate slots)
- WHEN KBRR-RATE-SET-UCRP-ER-W, move 23 to WS-HOLD-ENTRY-NUMBER, perform 9400-GET-BRR

5.1.2.2 PPCTBRRE
PPCTBRRE edits the transactions that will update the PPPBRR (Benefits Rates – Retirement) control table. It will be modified to allow for more sequence numbers.

PROCEDURE DIVISION
Change the test of BRRI-ENTRY-NUMBER from < 23 to < 51

5.1.2.3 PPCTBRFE (new)
PPCTBRFE edits the transactions that will update the PPPBRF (Benefits Rates – Employee-Paid Disability 2013) control table. It will be identical to PPCTBREE, with BRF in place of BRE.

5.1.2.4 PPCTBRFU (new)
PPCTBRFU updates the PPPBRF (Benefits Rates – Employee-Paid Disability 2013) control table. It will be identical to PPCTBREU, with BRF in place of BRE.

5.1.2.5 PPCTR14
PPCTR14 prints the Benefits Rates Table (control table 14). It will be modified to print the new ‘SUPPLEMENTAL DISABILITY 2013’ report for table PPPBRF, which will be identical to the report for table PPPBRE, ‘SUPPLEMENTAL DISABILITY’.

WORKING-STORAGE
Include fields related to PPPBRF that are identical to PPPBRE, with BRF in place of BRE, and EPW in place of EPD. The new report name will be ‘SUPPLEMENTAL DISABILITY 2013’.

PROCEDURE DIVISION
Include processing related to PPPBRF that is identical to PPPBRE, with BRF in place of BRE, and EPW in place of EPD.
5.1.2.6 **PPCTT14**

PPCTT14 is the overall transaction manager for updates to the Benefits Rates Table (control table 14). It will be modified to process the new transaction type (EPW) for employee-paid supplemental disability 2013.

**PROCEDURE DIVISION**

Include a WHEN ‘EPW’ phrase after the WHEN ‘EPD’ phrase.

5.1.2.7 **PPCTT14F (new)**

PPCTT14F is the transaction manager for updates to the employee-paid disability 2013 rates of the Benefits Rates Table (control table 14). It will be identical to PPCT14E, with BRF in place of BRE.

5.1.3 **Copy Members**

5.1.3.1 **CPLNKBRR**

CPLNKBRR defines a linkage area for PPBENBRR. It will be modified to include new calls (F/UCRS employee 2013 rates, W/UCRS employer 2013 rates). It will be modified to allow for up to 50 rates.

Under KBRR-RATE-SET, add

- KBRR-RATE-SET-UCRP-EE-W, VALUE ‘F’
- KBRR-RATE-SET-UCRP-ER-W, VALUE ‘W’

Change OCCURS 22 to OCCURS 50

5.1.3.2 **CPCTBRI (new)**

CPCTBRI defines the working input for the update of the PPPBRTF table. It will be identical to CPCTBREI, with BRF in place of BRE.

5.1.4 **Bind Members**

5.1.4.1 **PPP004**

Plan bind member for PPP004. It will be modified to include PPCTBRIE and PPCTBRIU.

5.1.5 **UPAY Forms**

5.1.5.1 **UPAY549D (new)**

UPAY549D contains the layouts for transactions to update the Benefits Rates Table in the CTL database with the rates for employee-paid disability 2013. It will be based on UPAY549C for Employee-Paid Disability, with EPW in place of EPD.

5.1.5.2 **UPAY676 (new)**

UPAY676 contains the layouts for transactions to update the Benefits Rates Table in the CTL database with the rates for retirement and other employer costs. It will replace UPAY676A and UPAY676B. Items should be grouped by type:

- Faculty Summer Salary: numbers 13,14
- Safe Harbor rate: number 12
- Other employer rates: numbers 09, 10, 11
- UCRP employee rates: numbers 01, 02, 03, 04, 05, 06, 07, 08, 15
- UCRP employer rates: numbers 16, 17, 18, 19, 20, 21
- UCRP Tier 2013 employee rate: number 22
- UCRP Tier 2013 employer rate: number 23
5.1.6 Control Table Updates

5.1.6.1 CTL Database

UPAY forms are included with the requirements document and will contain detailed CTL update transactions. These will be keyed by the programmer and applied to the CTL database by running program PPP004.

5.1.6.1.1 Benefits Rates Table – Employee-Paid Disability 2013

To be provided by HR&B.

5.1.6.1.2 Benefits Rates Table – Retirement

To be provided by HR&B and combined with the normal July 2013 UCRS rate adjustments. In addition to the employee and employer rates for Tier 2013 that are effective 07/01/2013, there will be a set of zero rates with an effective date of 07/01/1993 to ensure that no Tier 2013 deduction or contribution is assessed prior to 07/01/2013.

5.2 EDB Maintenance

5.2.1 COBOL Programs

5.2.1.1 PPEA001 - recompile

PPEA001 performs edits and maintenance for a new hire (action code 01).

5.2.1.2 PPEC101

PPEC101 performs consistency edits and maintenance on retirement, FICA, and DCP codes. It will be modified to include the Tier 2013 plan codes in tests for UCRP.

WORKING-STORE

Comment out RET-CHANGE-TEST-AREA (not used).

PROCEDURE DIVISION

In section 1100-, include value ‘6’ in the test of SAVE-RET-ELIG-CODE.

Remove the test related to SPCL-DCP-GTN-NO (there’s only one).

In section 5100- include value ‘6’ in the test of SAVE-RET-ELIG-CODE.

Replace the test of

IF RET-ELIG-CODE = (‘1’ OR ‘U’ OR ‘B’ OR ‘H’)

with a move of RET-ELIG-CODE to W88-RET-ELIG-CODE and a test for RET-ELIG-CODE-UCRS-MEMBER OR RET-ELIG-CODE-SFHBR-RETR

5.2.1.3 PPEC126

PPEC126 performs consistency edits and maintenance on UC-paid short term disability. It will be modified to set the UC-paid/NDI plan code to A for Tier 2013.

PROCEDURE DIVISION

Replace the tests for retirement plans where NDI-CODE will be set to ‘A’ in section 1200- with

IF RET-ELIG-CODE-UCRS-MEMBER

OR RET-ELIG-CODE-PERS-MEMBER

OR RET-ELIG-CODE-FCSRS-MEMBER

OR RET-ELIG-CODE-SCERA-MEMBER

OR RET-ELIG-CODE-OCERS-MEMBER
5.2.1.4  **PPEF102 - recompile**
PPEF102 performs fiscal year maintenance on the retirement plan code.

5.2.1.5  **PPEG283 - recompile**
PPEG283 performs maintenance on the DCP Gross-to-Net indicator for UCRP members who are no longer contributing to UCRP.

5.2.1.6  **PPEI205**
PPEI205 performs consistency edits and maintenance on the FICA, retirement, UI, and DCP codes. It will be modified to include the Tier 2013 plan codes in tests for UCRP.

**PROCEDURE DIVISION**

In para 1020-, replace the test of

IF  RET-ELIG-CODE = ('1' OR 'U' OR 'B' OR 'H')

with a test for RET-ELIG-CODE-UCRS-MEMBER OR RET-ELIG-CODE-SFHBR-RETR

Replace the test of RET-ELIG-CODE-UCRS-RETR with a test of RET-ELIG-CODE-UCRS-MEMBER

Replace the test of IF (RET-ELIG-CODE = 'U' OR 'B' OR '1') OR with a move of RET-ELIG-CODE to W88-RET-ELIG-CODE and a test for RET-ELIG-CODE-UCRS-MEMBER

5.2.1.7  **PPES101**
PPES101 performs maintenance based on registered units and student status from the Student Information System. It will be modified to include the Tier 2013 plan codes in tests for UCRP.

**PROCEDURE DIVISION**

In para 2050-, replace the test of

IF  RET-ELIG-CODE = ('1' OR 'U' OR 'B' OR 'H')

with a test for RET-ELIG-CODE-UCRS-MEMBER OR RET-ELIG-CODE-SFHBR-RETR

5.2.1.8  **PPES102**
PPES102 performs maintenance to initialize student data as of the end of the academic year and the beginning of summer. It will be modified to include the Tier 2013 plan codes in tests for UCRP.

**PROCEDURE DIVISION**

In para 1050-, replace the test of

IF  RET-ELIG-CODE = ('1' OR 'U' OR 'B' OR 'H')

with a test for RET-ELIG-CODE-UCRS-MEMBER OR RET-ELIG-CODE-SFHBR-RETR

5.2.1.9  **PPES103**
PPES103 performs maintenance to initialize student data as of the end of summer and the beginning of the academic year. It will be modified to include the Tier 2013 plan codes in tests for UCRP.

**WORKING-STORAGE**

Add 01 COLUMN-88-WORK.          COPY CPWSW88S.

**PROCEDURE DIVISION**

Replace the test of IF (RET-ELIG-CODE = ‘1’ OR ‘U’ OR ‘B’ OR ‘H’) with a move of RET-ELIG-CODE to W88-RET-ELIG-CODE and a test for RET-ELIG-CODE-UCRS-MEMBER OR RET-ELIG-CODE-SFHBR-RETR.
5.2.1.10 PPFICRET

PPFICRET derives the FICA, retirement plan, and UI codes for the employee. It will be modified to set the retirement plan to W if the retirement plan would normally be U, but the employee is hired on or after 07/01/2013 (and does not have a safety title), or rehired on or after 07/01/2013 (and the rehire date is after the last day of the month following the most recent separation date).

WORKING-STORAGE
Add WS-TARGET-REHIRE-DATE X(10) under WS-DATE-AREAS.
Add WS-TIER2013-EFF-DATE X(10) value ‘2013-07-01’ under WS-DATE-AREAS.

PROCEDURE DIVISION
In section 30000-DETERMINE-DERIVATION, add
IF SEPARATE-DATE NOT = XDC3-LOW-ISO-DATE
  MOVE SEPARATE-DATE TO XDC3-ISO-DATE-DD
  MOVE 2 TO XDC3-NUMBER-OF-MONTHS
  PERFORM XDC3-OFFSET-MONTHS
  MOVE XDC3-ISO-DATE TO WS-TARGET-REHIRE-DATE
ELSE
  MOVE XDC3-LOW-ISO-DATE TO WS-TARGET-REHIRE-DATE
END-IF.
In section 32000-SET-CONTINUE-DERIVATION, near the end, replace
IF (RET-ELIG-CODE = 'U' OR 'B' OR '1')
with
IF (RET-ELIG-CODE = 'U' OR 'B' OR '1' OR 'W' OR 'A' OR '6')
In section 34000-SET-REHIRE-DERIVATION, near the end, replace
IF RET-ELIG-CODE
  = ('U' OR 'B')
with
IF RET-ELIG-CODE
  = ('U' OR 'B' OR 'W' OR 'A')
In section 41400-CHECK-IF-APPT-CURRENT, replace
IF APPT-BEGIN-DATE (WS-A-SEG-IDX-SAVE, 1) >
  WS-WORK-BEGIN-DATE
  SET APPT-IS-FUTURE TO TRUE
ELSE
  IF APPT-END-DATE (WS-A-SEG-IDX-SAVE, 1)
    < ISO-MONTH-BEGIN-DATE
    MOVE 'E' TO WS-APPT-CURRENT-SW
    SET APPT-IS-EXPIRED TO TRUE
  END-IF
END-IF.
with
IF APPT-END-DATE (WS-A-SEG-IDX-SAVE, 1)
  < ISO-MONTH-BEGIN-DATE
  SET APPT-IS-EXPIRED TO TRUE
ELSE
  IF APPT-BEGIN-DATE (WS-A-SEG-IDX-SAVE, 1)
    > WS-WORK-BEGIN-DATE
    SET APPT-IS-FUTURE TO TRUE
END-IF
END-IF.
In section 42000-U-RETIREMENT, replace (two instances)

```plaintext
IF RET-ELIG-CODE = '1'
    MOVE '1' TO PPFICRET-RETIREMENT-CODE
ELSE
    MOVE 'U' TO PPFICRET-RETIREMENT-CODE
    SET PPFICRET-BEN-ELIG-U-DERIVED TO TRUE
END-IF
```

with

```plaintext
PERFORM 42200-SET-U-OR-W
```

Before section 43000-N-RETIREMENT, add

```plaintext
42200-SET-U-OR-W SECTION.
```

```plaintext
IF RET-ELIG-CODE = '1' OR '6'
    MOVE RET-ELIG-CODE TO PPFICRET-RETIREMENT-CODE
ELSE
    IF HIRE-ACTION
        IF (HIRE-DATE < WS-TIER2013-EFF-DATE)
            OR (ACTIVE-SAFETY-TITLE)
            MOVE 'U' TO PPFICRET-RETIREMENT-CODE
            SET PPFICRET-BEN-ELIG-U-DERIVED TO TRUE
        ELSE
            MOVE 'W' TO PPFICRET-RETIREMENT-CODE
            SET PPFICRET-BEN-ELIG-U-DERIVED TO TRUE
        END-IF
    END-IF
    END-IF
    IF REHIRE-ACTION
        IF (HIRE-DATE < WS-TIER2013-EFF-DATE)
            OR (ACTIVE-SAFETY-TITLE)
            OR (RET-ELIG-CODE = 'U'
                AND HIRE-DATE < WS-TARGET-REHIRE-DATE)
            MOVE 'U' TO PPFICRET-RETIREMENT-CODE
            SET PPFICRET-BEN-ELIG-U-DERIVED TO TRUE
        ELSE
            MOVE 'W' TO PPFICRET-RETIREMENT-CODE
            SET PPFICRET-BEN-ELIG-U-DERIVED TO TRUE
        END-IF
    END-IF
    IF CONTINUING-EMPLOYEE
        IF (ISO-MONTH-BEGIN-DATE < WS-TIER2013-EFF-DATE)
            OR (ACTIVE-SAFETY-TITLE)
            MOVE 'U' TO PPFICRET-RETIREMENT-CODE
            SET PPFICRET-BEN-ELIG-U-DERIVED TO TRUE
        ELSE
            MOVE 'W' TO PPFICRET-RETIREMENT-CODE
            SET PPFICRET-BEN-ELIG-U-DERIVED TO TRUE
        END-IF
    END-IF
END-IF
```

In section 51000-N-FICA, replace (two places)

```plaintext
IF (PPFICRET-RETIREMENT-CODE = 'U' OR 'B' OR '1')
```

with

```plaintext
IF (PPFICRET-RETIREMENT-CODE = 'U' OR 'B' OR '1'
    OR 'W' OR 'A' OR '6')
```
In section 52000-M-FICA, replace (two places)
   IF  (PPFICRET-RETIREMENT-CODE = 'U' OR 'B' OR '1')
with
   IF  (PPFICRET-RETIREMENT-CODE = 'U' OR 'B' OR '1'
        OR 'W' OR 'A' OR '6')

5.2.1.11  PPP131

PPP131 performs student information system file (SIS) reporting after the SIS update. It will be modified to include the Tier 2013 plan codes in tests for UCRP.

PROCEDURE DIVISION

Replace
   (XSRF-RET-ELIG-CODE = 'U') AND
   (XSRF-PRIOR-RET-ELIG-CODE NOT = 'U')
with
   (XSRF-RET-ELIG-CODE = ( 'U' OR 'W')) AND
   (XSRF-PRIOR-RET-ELIG-CODE NOT = ( 'U' OR 'W'))

5.2.1.12  PPBENE PD

PPBENEPD retrieves employee-paid disability rates and calculates the premium for an employee. It will be modified to select the rates from the BRF table if the retirement code is W, A, or 6.

WORKING-STORAGE

Include WS-BRF, with PPPVZBRF

Other data as needed to support retrieval of data from either the BRF or the BRE table.

PROCEDURE DIVISION

If KE PD-RET-ELIG-CODE is W, A, or 6, SELECT the BRF data from PPPVZBRF_BRF otherwise, SELECT the BRE data from PPPVZBRE_BRE

5.2.1.13  PPBEPDSP

PPBEPDSP is the stored procedure to call PPBENE PD. It will be modified to pass the retirement code to the call to PPBENE PD.

WORKING-STORAGE

Add PPBEPDSP-PARM5, PIC X(01).

PROCEDURE DIVISION

Add PPBEPDSP-PARM5 to the PROCEDURE DIVISION USING phrase.

Move PPBEPDSP-PARM5 to KE PD-RET-ELIG-CODE

5.2.1.14  PPDXBENI

PPDXBENI builds the benefits text for employee documents. It will be modified to include the retirement code in the call to PPBENE PD.

PROCEDURE DIVISION

After the set of the value for KE PD-BRSC, move RET-ELIG-CODE to KE PD-RET-ELIG-CODE

5.2.1.15  PPWIFBC - recompile

PPWIFBC is the screen processor for the IFBC function (Future Enrollments).
5.2.1.16 **PPWIFBD - recompile**

PPWIFBD is the screen processor for the IFBD function (Future Enrollments-Department).

5.2.1.17 **PPWIINP**

PPWIINP is the screen processor for the IINP function (Insurance). It will be modified to include the retirement plan code in the call to PPBENEPD.

**PROCEDURE DIVISION**

Add a move of RET-ELIG-CODE to KEPD-RET-ELIG-CODE prior to the call to PPBENEPD.

5.2.1.18 **PPWIINS**

PPWIINS is the screen processor for the IINS function (Insurance–Departmental). It will be modified to include the retirement plan code in the call to PPBENEPD.

**PROCEDURE DIVISION**

Add a move of RET-ELIG-CODE to KEPD-RET-ELIG-CODE prior to the call to PPBENEPD.

5.2.1.19 **PPP232 (new)**

PPP232 evaluates employees in UCRP with hire dates on or after 07/01/2013 to determine whether they are in the appropriate plan (U, 1, or B, or W, 6, or A). The program can be run in REPORT or UPDATE mode. Employees will be selected if the hire date is between 07/01/2013 and the end of the current month, and only if the Retirement/FICA Rederive indicator is not N. PPFICRET will be called after setting up the appropriate EXTERNAL values to trigger re-derivation of retirement and FICA codes; for employees in plans U, 1, or B, the hire date will be checked against the HDB to determine whether it was a hire or rehire, and if it was a rehire, the most recent separation date will be retrieved from the HDB, as well as the retirement plan as of the separation date; for employees in plans W, 6, or A who are also Safety employees, the retirement code will be set to blank. If PPFICRET returns values that are different from the current EDB values, the new values will be reported; if the mode is UPDATE, the EDB values will also be updated directly, and an Employee Change File will be produced that must be included in any processes that normally include ECF files, such as the HDB update (PPP742). This program should be run each month, after Monthly Maintenance to begin the month and before the first compute in the month. The first run, after Monthly Maintenance to begin July 2013, will re-derive the retirement plan for all employees with hire dates in July who were set up in PPS prior to the implementation of this release.

5.2.1.20 **CPLNKEPD**

CPLNKEPD defines an EXTERNAL linkage area for PPBENEPD. It will be modified to include KEPD-RET-ELIG-CODE, PIC X(1) after KEPD-BRSC.

5.2.1.21 **CPWSW88S**

CPWSW88S contains 88-levels for several of the EDB data elements. It will be modified so that:

- RET-ELIG-CODE-UCRS-RETR includes values ‘U’, ‘W’.
- RET-ELIG-CODE-UCRS-RETR-FY-ND includes values ‘1’, ‘6’.

5.2.1.22 **CPWSXRET**

CPWSXRET defines an array of retirement codes and their no-deduction equivalents. It will be modified to include:

- XRET-UCRS-2013 with value ‘W6’.  

and the OCCURS and XRET-PLAN-COUNT must be adjusted to match.
5.2.2 CICS Help Updates
- EDB0122 will need to be updated to include new Tier 2013 values W, A, and 6

5.2.3 Control Table Updates

5.2.3.1 CTL Database
CTL update transactions will be keyed by the programmer and applied to the CTL database by running program PPP004.

5.2.3.1.1 System Messages Table
As needed to support new program PPP232

5.2.3.1.2 Data Element Table
As needed to support retirement plan modifications.

5.2.3.1.3 Code Translation Table
As needed to support retirement plan modifications.

5.2.4 Data Dictionary Updates
New and modified Data Dictionary entries will be required for the following:
- EDB0122: Retirement system code

5.3 Compute

5.3.1 COBOL Programs

5.3.1.1 PPP360
PPP360 and related modules act as the batch and online infrastructure for the editing of payroll compute transactions prior to placement on the THF. It will be modified to include the Tier 2013 plan codes as valid retirement plans.

WORKING-STORAGE
Add W, A, and 6 as VALID-RETR-PLAN values.

5.3.1.2 PPBENSH - recompile
PPBENSH calculates the employee Safe Harbor deduction.

5.3.1.3 PPBENUCR
PPBENUCR calculates the employee UCRP retirement and/or DCP deductions. It will be modified to calculate the UCRP deduction for retirement plans U and W, and will choose the corresponding rate set from PPPBRR.

PROCEDURE DIVISION
Replace
    IF KUCR-RETIRE-UCRS
    OR KUCR-RETIRE-UCRS-ND-283
with
    IF KUCR-RETIRE-SYS-CODE = ('U' OR 'W')
Replace
   SET KBRR-RATE-SET-UCRP-EE TO TRUE.
with
   IF KUCR-RETIRE-SYS-CODE = ‘U’
       SET KBRR-RATE-SET-UCRP-EE TO TRUE
   ELSE
       SET KBRR-RATE-SET-UCRP-EE-W TO TRUE.
   END-IF.

5.3.1.4  **PPEXPTLA - recompile**

PPEXPTLA generates the expense transfer data for TL pay transactions.

5.3.1.5  **PPFSSDCP - recompile**

PPFSSDCP calculates the employee’s Faculty Summer Salary defined contribution deduction and contribution.

5.3.1.6  **PPGRSPAR**

PPGRSPAR is called by gross pay calculation programs to build the Payroll Audit Record. It will be modified to include the new Tier 2013 retirement code values in determining UCRP grosses. In addition, it will be modified to treat all earnings for future pay periods as though they were in the current month for UCRP deductions.

**PROCEDURE DIVISION**

In para 7200-, after
   IF XPAR-RETR-PLAN-CODE = 'U' OR 'B'
       OR '1'

add
   OR 'W' OR 'A' OR '6'

Also in para 7200-, if the test of WORK-DATE-CCYYMM does not find a match, set the index to 1 (current month) if it is future, or set it to 5 (oldest month) if it is not.

In para 7500-, replace
   MOVE '1' TO WK-RETR-PLAN-CODE
with
   IF XPAR-RETR-PLAN-CODE = 'W'
       MOVE '6' TO WK-RETR-PLAN-CODE
   ELSE
       MOVE '1' TO WK-RETR-PLAN-CODE
   END-IF

Also in para 7500-, replace
   MOVE 'U' TO WK-RETR-PLAN-CODE
with
   IF XPAR-RETR-PLAN-CODE = '6'
       MOVE 'W' TO WK-RETR-PLAN-CODE
   ELSE
       MOVE 'U' TO WK-RETR-PLAN-CODE
   END-IF

Also in para 7500-, add
   OR 'W'
after
   IF WK-RETR-PLAN-CODE = 'U' OR 'P' OR 'F' OR 'S' OR 'O'

Also in para 7500-, add
   OR '6'
5.3.1.7  **PPP400**  

PPP400 performs Gross-to-Net processing within the compute and creates a PAR file from the EDB and the preliminary PAR file with gross-to-net-activity. It will be modified to include the Tier 2013 plan codes in tests for UCRP.

**PROCEDURE DIVISION**

Replace

```
    OR (RET-ELIG-CODE-UCRS-RETR-ND
```

with

```
    OR (RET-ELIG-CODE OF BEN-ROW-DATA= ‘B’
```

Replace (twice)

```
    IF (XPAR-RETR-PLAN-CODE = 'U' OR 'B') AND
```

with

```
    IF (XPAR-RETR-PLAN-CODE = 'U' OR 'B' OR 'W' OR 'A') AND
```

and (also twice)

```
    IF XPAR-RETR-PLAN-CODE = '1'
```

with

```
    IF XPAR-RETR-PLAN-CODE = '1' OR '6'
```

Add

```
    OR 'W' OR 'A' OR '6'
```

after

```
    IF XPAR-RETR-PLAN-CODE = 'U' OR 'B' OR '1'
```

5.3.1.8  **PPNETCLC**  

PPNETCLC is called by net pay calculation programs to process deductions with special calculation routines. It will be modified to account for the new retirement plan in setting up the call to PPBENUCR.

**PROCEDURE DIVISION**

In EVALUATE RET-ELIG-CODE,

```
    change WHEN ‘U’ to WHEN ‘U’ OR ‘W’
    change WHEN ‘1’ to WHEN ‘1’ OR ‘6’
```

Replace

```
    IF RET-ELIG-CODE = 'U' OR
```

with

```
    IF RET-ELIG-CODE = 'U' OR ‘W’ OR
```

Replace

```
    MOVE 'U' TO KUCR-RETIRE-SYS-CODE
```

with

```
    IF RET-ELIG-CODE = ('W' OR '6')
        MOVE 'W' TO KUCR-RETIRE-SYS-CODE
    ELSE
        MOVE 'U' TO KUCR-RETIRE-SYS-CODE
    END-IF
```

After the set of the value for KEPD-BRSC, add move of RET-ELIG-CODE to KEPD-RET-ELIG-CODE
PPNETUPD is called by net pay calculation programs to make final adjustments to balances. It will be modified to account for the new retirement plan in setting up the call to PPBENEUCR. It will be modified to include the retirement plan in the call to PPBENEPED.

**PROCEDURE DIVISION**

In para 2600-, replace

```plaintext
MOVE 'U' TO KUCR-RETIRE-SYS-CODE
```

with

```plaintext
IF RET-ELIG-CODE = ('W' OR '6')
  MOVE 'W' TO KUCR-RETIRE-SYS-CODE
ELSE
  MOVE 'U' TO KUCR-RETIRE-SYS-CODE
END-IF
```

After the set of the value for KEPD-BRSC, add move of RET-ELIG-CODE to KEPD-RET-ELIG-CODE

5.3.1.10 **PPP420** (info only; no modifications or recompile required)

PPP420 produces checks, direct deposit advice forms, the reconciliation interface file and reports from the compute process. Message for UCRP members whose retirement-subject gross has reached the OASDI limit is already targeted for removal. Depending on how it is removed, no further modifications may be necessary. (See ITSH RITM0006466; current plan is to use the spec card override for message 4 (UPAY641, col 37).)

5.3.1.11 **PPRCGRSS**

PPRCGRSS calculates gross pay for online Rush Check processing. It will be modified to include the new Tier 2013 retirement code values in determining UCRP grosses. In addition, it will be modified to treat all earnings for future pay periods as though they were in the current month for UCRP deductions, and it will use the SCR_CURRENT_DATE (instead of the system date) to determine what the current processing month is for referring to the UCRP EDB history rates and balances. During testing, an issue with safety employees was uncovered; it will also be modified to save and refer to the retirement code 2 associated with titles when identifying safety UCRP members.

**WORKING-STORAGE**

Include SCR-ROW, with PPPVSCR1

**PROCEDURE DIVISION**

Replace

```plaintext
IF RCPW-RET-ELIG-CODE NOT NUMERIC
  MOVE '1' TO WK-RETR-PLAN-CODE
END-IF
```

with

```plaintext
IF RCPW-RET-ELIG-CODE = 'U'
  MOVE '1' TO WK-RETR-PLAN-CODE
END-IF
IF RCPW-RET-ELIG-CODE = 'W'
  MOVE '6' TO WK-RETR-PLAN-CODE
END-IF
```

Replace

```plaintext
IF RCPW-RET-ELIG-CODE NUMERIC
  MOVE 'U' TO WK-RETR-PLAN-CODE
END-IF
```

with

```plaintext
IF RCPW-RET-ELIG-CODE = '1'
```
MOVE 'U' TO WK-RETR-PLAN-CODE  
END-IF  
IF RCPW-RET-ELIG-CODE = '6'  
MOVE 'W' TO WK-RETR-PLAN-CODE  
END-IF  

Replace  
IF (WK-RETR-PLAN-CODE = 'U' OR 'P' OR 'F' OR 'S' OR 'O')  
with  
IF (WK-RETR-PLAN-CODE = 'U' OR 'P' OR 'F' OR 'S' OR 'O'  
OR 'W')  

Replace  
IF (WK-RETR-PLAN-CODE = '1' OR '2' OR '3' OR '4' OR '5')  
with  
IF (WK-RETR-PLAN-CODE = '1' OR '2' OR '3' OR '4' OR '5'  
OR '6')  

Replace  
IF RCPW-RET-ELIG-CODE = 'U' OR 'B' OR '1'  
with  
IF RCPW-RET-ELIG-CODE = 'U' OR 'B' OR '1' OR 'W' OR 'A' OR '6'  

In para 4100-, move XTCL-RETIREMENT-CODE-2 to ACCT-WORK-RETR-ELG and save the highest value as RCPW-HGH-RETR-ELG.  

In para 6000-, retrieve SCR_CURRENT_DATE to construct the current history date (HIST-DATE-YY/MM (1)); if not available, use KGR1-PROCESS-YYMM (the value that’s currently used).  

In para 6400-, if the test of WORK-DATE-YYMM is greater than the current month/year, set the index to 1 (current month).  

5.3.1.12 PPRCNET  

PPRCNET calculates deductions for online Rush Check processing. It will be modified to include the new Tier 2013 retirement code values in determining UCRP grosses and deductions.  

PROCEDURE DIVISION  

Replace  
IF XDSA-SB1 = UCRS-BASIC-GTN  
AND (RCPW-RET-ELIG-CODE = 'U'  
OR (RCPW-RET-ELIG-CODE = 'B' AND  
XDSA-BALAMT (283, XDSA-GTN-P) NOT = ZERO))  
with  
IF XDSA-SB1 = UCRS-BASIC-GTN  
AND (RCPW-RET-ELIG-CODE = 'U' OR 'W')  

Replace  
IF RCPW-RET-ELIG-CODE = '1'  
MOVE ZERO TO RCPW-RETR-GROSS  
ELSE  
IF (RCPW-RET-ELIG-CODE = 'U' OR 'B') AND  
KNET-GROSS-RETR-PART > 0  
MOVE KNET-GROSS-RETR-PART TO RCPW-RETR-GROSS  
END-IF  
END-IF  
with  
IF RCPW-RET-ELIG-CODE = '1' OR '6'  
MOVE ZERO TO RCPW-RETR-GROSS
ELSE
    IF (RCPW-RET-ELIG-CODE = 'U' OR 'W' OR 'B' OR 'A') AND
        KNET-GROSS-RETR-PART > 0
    MOVE KNET-GROSS-RETR-PART TO RCPW-RETR-GROSS
    END-IF
END-IF

Replace

IF RCPW-RET-ELIG-CODE = 'U' OR 'B'
    OR 'I'
with
IF RCPW-RET-ELIG-CODE = 'U' OR 'W' OR '1' OR '6' OR 'B' OR 'A'

5.3.1.13 PPOROVPY

PPOROVPY processes overpayments for ORCA processing. It will be modified to select the employee rate set corresponding to the UCRP plan code.

PROCEDURE DIVISION

In para 6100-, replace
    IF RET-PLAN-CODE = 'I'
with
    IF RET-PLAN-CODE = ('1' OR '6')

In para 6200-, replace
    IF RET-PLAN-CODE OF WS-EUD = 'U' OR 'B'
with
    IF RET-PLAN-CODE OF WS-EUD = ('U' OR 'B' OR 'W')

In para 7330-, replace
    IF RET-PLAN-CODE = 'U' OR 'B'
with
    IF RET-PLAN-CODE = ('U' OR 'B' OR 'W')

In para 8900-, replace
    SET KBRR-RATE-SET-UCRP-EE TO TRUE.
with
    IF RET-PLAN-CODE OF WS-EUD = 'W'
        SET KBRR-RATE-SET-UCRP-EE-W TO TRUE
    ELSE
        SET KBRR-RATE-SET-UCRP-EE TO TRUE
    END-IF.

5.3.1.14 PPWRC10 - recompile

PPWRC10 is the screen processor for the RC10 function (Rush Check Opt1 Employee Data).

5.3.1.15 PPWRC20 - recompile

PPWRC20 is the screen processor for the RC20 function (Rush Check Opt2 Employee Data).
5.3.2 Copy Members

5.3.2.1 CPWSRCTS

CPWSRCTS defines an EXTERNAL area used by Rush Checks processing. It will be modified to include ‘W’, ‘A’, and ‘6’ as valid values for RCTS-VALID-RETR-CODE.

5.3.3 INCLUDE Members

5.3.3.1 PPPV400A

PPPV400A is the record layout for PPPV400A_BEN, a view of the PPPBEN table. It will be modified so that:
- RET-ELIG-CODE-UCRS-RETR includes values ‘U’, ‘W’.
- RET-ELIG-CODE-UCRS-RETR-FY-ND includes values ‘1’, ‘6’.

5.4 Expense Distribution

5.4.1 COBOL Programs

5.4.1.1 PPP520

PPP520 creates the expense distribution work file (EDW) as an intermediate step of expense distribution. It will be modified to check for the additional FYTD limit plan. In addition, it will be modified to treat all earnings for future pay periods as though they were in the current month for UCRP contributions.

WORKING-STORAGE

Add
03 WS-SAVE-ISO-PROCESS-DATE PIC X(10).
03 WS-SAVE-ISO-TRANS-DATE PIC X(10).

PROCEDURE DIVISION

Replace
  IF WS-SAVE-RETR-PLAN-CODE = '1' AND
      XPAR-RETR-GROSS > 0
with
  IF (WS-SAVE-RETR-PLAN-CODE = '1'
      OR WS-SAVE-RETR-PLAN-CODE = '6')
      AND XPAR-RETR-GROSS > 0
In para 202710-, if XPAR-PERIOD-END-DATE () is greater than the current processing month (from XPAR-PAY-END-DATE), use the current processing month for calling PPBENUGR.
In para 203100-, if EDT-TRANS-END-DATE () is greater than the current processing month (from XPAR-PAY-END-DATE), use the current processing month for calling PPBENRET.

5.4.1.2 PPP530

PPP530 creates the Distribution of Payroll Expense reports and General Ledger interface file. It will be modified to treat retirement plan W as if it were U for assigning the retirement contribution object code.
WORKING- STORAGE

Add the following to WX-MISCELLANEOUS:

05 WX-RETR-PLN PIC X(1).

PROCEDURE DIVISION

In the IF that includes

PERFORM MATCH-RETR-CODE-2530

add

XEDR-RCD23-RETR-PLN NOT EQUAL 'A' AND

and the following prior to the PERFORM …-2530

MOVE XEDR-RCD23-RETR-PLN TO WX-RETR-PLN

IF WX-RETR-PLN = 'W'

   MOVE 'U' TO WX-RETR-PLN

END-IF

Add the following line to reset WX-RETR-PLN after the “IF” statement which uses it. That “IF” statement contains “XEDR-RCD23-RETR-PLN NOT EQUAL 'A' AND” (see above):

MOVE SPACES TO WX-RETR-PLN.

and in section MATCH-RETR-CODE-2530, replace

XEDR-RCD23-RETR-PLN

with

WX-RETR-PLN

5.4.1.3 PPBENLON - recompile

PPBENLON determines eligibility and calculates the UCRP Supplemental assessment amount.

5.4.1.4 PPBENRET

PPBENRET calculates the employer retirement benefit for all retirement plans. It will be modified to calculate the retirement amount for the new retirement plans.

PROCEDURE DIVISION

At the beginning of para 1000-, set RET-PRM-RATE to zero.

Replace

SET KBRR-RATE-SET-UCRP-ER TO TRUE.

with

IF RET-PLAN = ‘W’ OR ‘A’

   SET KBRR-RATE-SET-UCRP-ER-W TO TRUE

ELSE

   SET KBRR-RATE-SET-UCRP-ER TO TRUE

END-IF.

After

WHEN RET-PLAN = 'B' AND RET-FICA-ELIG = 'N'

   MOVE KBRR-RETIREMENT-RATE (19) TO RET-PRM-RATE

add

WHEN RET-PLAN = 'W' OR 'A'

   MOVE KBRR-RETIREMENT-RATE (23) TO RET-PRM-RATE
Replace both instances of:
   IF WS-SAVE-RETR-PLAN-CODE = 'I'
with
   IF (WS-SAVE-RETR-PLAN-CODE = 'I'
   OR WS-SAVE-RETR-PLAN-CODE = '6')

In para 2105-, after
   WHEN RET-PLAN = 'B'
   MOVE 0 TO RET-PRM-RATE
add
   WHEN RET-PLAN = 'A'
   MOVE 0 TO RET-PRM-RATE

5.5 Consolidated Billing

5.5.1 COBOL Programs

5.5.1.1 PPP560

PPP560 creates a preliminary benefits enrollment file. It will be modified to accumulate premium information for the new disability plan separately from the current disability plan. For plan type Z (disability), the plan code for the current disability plan will continue to be DI; for the new disability plan, it will be DW.

WORKING-STORAGE


Add RET_ELIG_CODE to the BEN_ROW cursor.

PROCEDURE DIVISION

In section EXTRACT-NEEDED-EDB-DATA-3100, after
   MOVE   WS-EPD-WAIT-PERIOD             TO
   WT1-PLAN-N   (23),
add
   IF WS-EPD-WAIT-PERIOD NOT = '000'
   IF WS-RET-ELIG-CODE = ('W' OR 'A' OR '6')
      MOVE   'DW'                       TO
      WT1-SRT-CVRG    (23)
      WT1-RPT-CVRG    (23)
   ELSE
      MOVE   'DI'                       TO
      WT1-SRT-CVRG    (23)
      WT1-RPT-CVRG    (23)
   END-IF
END-IF.

In section LOOKUP-EPD-PREMIUM-3879, add a move of WS-RET-ELIG-CODE to KEPD-RET-ELIG-CODE prior to call of PPBENEPD.

In section WRITE-ACTUAL-FILE-7602, replace
   MOVE  'DI' TO XAPA-PLAN-CODE
with
   MOVE WT1-RPT-CVRG (WT1-IX1) TO XAPA-PLAN-CODE

In para SQL-FETCH-BASE-9120, move RET-ELIG-CODE to WS-RET-ELIG-CODE prior to MOVE EPD-SALARY-BASE TO WS-EPD-SALARY-BASE, and move SPACES to WS-RET-ELIG-CODE prior to MOVE ZEROES TO WS-EPD-SALARY-BASE
In para SQL-FETCH-BEN-9270, add :RET-ELIG-CODE to correspond to its location in cursor BEN_ROW

5.5.1.2 PPP562

PPP562 reads the final Enrollment file, including Adjustment records from PPP561 and produces the PPP5622 Benefits Deduction Register, PPP5623 Self Billing Statement and the tab-delimited Self Billing Statement (SBS) files. It will be modified to report the new disability plan in addition to the current disability plan.

WORKING-STORAGE

In WS-PROGRAM-VARIABLES, replace

```
05 WS-EDW-SBS-OBJ8800 PIC X(04) VALUE '8800'.
05 WS-EDW-SBS-OBJ8560 PIC X(04) VALUE '8560'.
05 WS-EDW-SBS-OBJ8980 PIC X(04) VALUE '8980'.
05 WS-EDW-SBS-OBJ8740 PIC X(04) VALUE '8740'.
05 WS-EDW-SBS-OBJ8750 PIC X(04) VALUE '8750'.
```

with

```
05 WS-EDW-SBS-LI PIC X(04) VALUE 'LI '.
05 WS-EDW-SBS-LICO PIC X(04) VALUE 'LICO'.
05 WS-EDW-SBS-DI PIC X(04) VALUE 'DI '.
05 WS-EDW-SBS-DIPD PIC X(04) VALUE 'DIPD'.
05 WS-EDW-SBS-LIPD PIC X(04) VALUE 'LIPD'.
05 WS-EDW-SBS-DI13 PIC X(04) VALUE 'DI13'.
```

Replace

```
10 EDW-SBS-8800 PIC X(1).
88 EDW-SBS-8800-FOUND VALUE 'Y'.
10 EDW-SBS-8560 PIC X(1).
88 EDW-SBS-8560-FOUND VALUE 'Y'.
10 EDW-SBS-8980 PIC X(1).
88 EDW-SBS-8980-FOUND VALUE 'Y'.
```

with

```
10 EDW-SBS-LI PIC X(1).
88 EDW-SBS-LI-FOUND VALUE 'Y'.
10 EDW-SBS-LICO PIC X(1).
88 EDW-SBS-LICO-FOUND VALUE 'Y'.
10 EDW-SBS-DI PIC X(1).
88 EDW-SBS-DI-FOUND VALUE 'Y'.
```

In WS-EDW-SBS-ARRAY, increase the OCCURS and WS-IXEDW-MAX from 5 to 6.

In WS-SBS-DI, modify the WS-SBS-DI-COVERAGE<nn> items to be PIC X(05) instead of PIC X(03), and change the values from xxx to Dlxx; then duplicate all six entries (for a total of twelve), and for items seven through 12, change the <nn> variable suffixes to 07 through 12 and change the ‘00’ in the values for WS-SBS-DI-CLASS<nn> to ‘13’ and specify a naming pattern of ‘DWnnn’ for the WS-SBS-DI-COVERAGE fields. Increase the OCCURS and WS-SBSDI-MAX from 6 to 12.

Modify the HPA_ROW cursor to include HPA_PLAN_CODE and HPA_COV_CODE after HPA_BENEFIT_TYPE in the ORDER BY clause.

PROCEDURE DIVISION

In section 1040-READ-EDW-SB, replace

```
WHEN (WS-EDW-SBS-PLAN-CODE (WS-IXA) = '8800')
SET EDW-SBS-8800-FOUND TO TRUE
WHEN (WS-EDW-SBS-PLAN-CODE (WS-IXA) = '8560')
SET EDW-SBS-8560-FOUND TO TRUE
WHEN (WS-EDW-SBS-PLAN-CODE (WS-IXA) = '8980')
SET EDW-SBS-8980-FOUND TO TRUE
```
with

WHEN (WS-EDW-SBS-PLAN-CODE (WS-IXA) = 'LI ')
SET EDW-SBS-LI-FOUND TO TRUE
WHEN (WS-EDW-SBS-PLAN-CODE (WS-IXA) = 'LICO')
SET EDW-SBS-LICO-FOUND TO TRUE
WHEN (WS-EDW-SBS-PLAN-CODE (WS-IXA) = 'DI ')
SET EDW-SBS-DI-FOUND TO TRUE

In section 3100-CREATE-REPORT, replace

OR (DIS-BENEFIT-TYPE AND
HPA-PLAN-CODE NOT = WS-SAVE-PLAN-CODE)

with

OR (DIS-BENEFIT-TYPE AND
HPA-PLAN-CODE NOT = WS-SAVE-PLAN-CODE
AND HPA-PLAN-CODE = 'PD')

In section 3400-TOTAL-LIFE-DIS-ADD, comment out

AND HPA-PLAN-CODE = 'PD'

In section 3600-LIFE-DIS-ADD-SBS, replace

IF WS-SAVE-PLAN-CODE = 'DI'

with

IF WS-SAVE-PLAN-CODE = ('DI' OR 'DW')

In section 3610-LIFE-SBS, replace

WS-EDW-SBS-OBJ8800)

with

WS-EDW-SBS-LI)

and

WS-EDW-SBS-OBJ8560)

with

WS-EDW-SBS-LICO)

In section 3620-DIS-SBS, replace

WS-EDW-SBS-OBJ8980)

with

WS-EDW-SBS-DI)

and add

WHEN (WS-EDW-SBS-PLAN-CODE (WS-IXA) =
WS-EDW-SBS-DI13)
MOVE WS-EDW-SBS-NUM-LIVES (WS-IXA)
TO WS-SBS-DI-EMPS-07
MOVE WS-EDW-SBS-RATE (WS-IXA)
TO WS-SBS-DI-RATE9-07
MOVE WS-EDW-SBS-TOTAL-AMOUNT (WS-IXA)
TO WS-SBS-DI-PAID-07

In section 3625-PSD-SBS, replace

WS-EDW-SBS-OBJ8740)

with

WS-EDW-SBS-DIPD)

In section 3628-POSTDOC-LIFE-SBS, replace

WS-EDW-SBS-OBJ8750)

with

WS-EDW-SBS-LIPD)
5.5.1.3  **PPHPAR1**

PPHPAR1 is called by PPP564 to produce a report of unreconciled premiums in employee and department order. It will be modified to handle the new disability plan.

**PROCEDURE DIVISION**

In section 8110-FETCH-PLAN-CURSOR, after

```
IF HPA-PLAN-CODE = 'DI'
add
OR HPA-PLAN-CODE = 'DW'
```

5.5.1.4  **PPP536**

PPP536 processes the Expense Distribution Work (EDW) file (created from PPP520), and creates the Self Billing Statement records (single File) for UC Paid Basic Life, Core Life, UC Paid Post Doctoral Supplemental Disability, and Short Term Disability. It will be modified to include a separate total for the new UC-paid employer disability plan. The plan identifiers in the output file will also be modified from object codes (two of which are not correct) to short descriptions.

(Use R1615 modifications as a guide)

**WORKING-STORAGE**

Modify WS-PLAN-TOTALS to OCCUR 6 times, and add

```
05 WS-IXA-MAX PIC S9(4) USAGE COMP VALUE 6.
```

Add new error message M53609 to WS-MESSAGES:

**PROCEDURE DIVISION**

In section 1100-INITIALIZE-TOTALS-ARRAY, replace

```
UNTIL WS-IXA > 5
```

with

```
UNTIL WS-IXA > WS-IXA-MAX
```

and replace

```
MOVE '8800' TO WS-PLAN-CODE (1).
MOVE '8560' TO WS-PLAN-CODE (2).
MOVE '8980' TO WS-PLAN-CODE (3).
MOVE '8740' TO WS-PLAN-CODE (4).
MOVE '8750' TO WS-PLAN-CODE (5).
```

with

```
MOVE 'LI ' TO WS-PLAN-CODE (1).
MOVE 'LICO' TO WS-PLAN-CODE (2).
MOVE 'DI ' TO WS-PLAN-CODE (3).
MOVE 'DIPD' TO WS-PLAN-CODE (4).
MOVE 'LIPD' TO WS-PLAN-CODE (5).
MOVE 'DI13' TO WS-PLAN-CODE (6).
```

and add

```
MOVE KBRR-RETIREMENT-RATE (11) TO WS-RATE (6).
```

after

```
MOVE WS-POST-LIFE-ADD-PARM TO WS-RATE (5).
```

In section 2200-ADD-TOTALS, add

```
IF XEDR-RCD23-RETR-PLN = ('W' OR 'A' OR '6')
    COMPUTE WS-TOTAL-AMOUNT (6) =
```
WS-TOTAL-AMOUNT (6) +
XEDR-RCD23-NDI (WS-IXEDR)
ELSE
before
COMPUTE WS-TOTAL-AMOUNT (3) =
WS-TOTAL-AMOUNT (3) +
XEDR-RCD23-NDI (WS-IXEDR)
and add
END-IFIn section 7100-WRITE-SBS-RECORDS, replace
UNTIL WS-IXA > +5
with
UNTIL WS-IXA > WS-IXA-MAX
In section 7200-PRINT-TOTALS, add
MOVE M53609 TO XMSG-NUMBER.
MOVE WS-TOTAL-AMOUNT (6) TO WS-PREMIUM-TOTAL.
MOVE WS-PREMIUM-TOTAL TO XMSG-DATA.
PERFORM 9000-CALL-PPMSGUT2.

5.5.2 Control Table Updates

5.5.2.1 CTL Database
CTL update transactions will be keyed by the programmer and applied to the CTL database by running program PPP004.

5.5.2.1.1 System Messages Table
As needed to support retirement plan modifications and employee-paid disability plan modifications. Specifically: 53609, to be similar to 53606, with text TOTAL UC PAID SHORT TERM DISABILITY PREMIUMS (TIER 2013). This new error message is referenced in PPP536.

5.6 UCRS Interface

5.6.1 COBOL Programs

5.6.1.1 PPI730
PPI730 creates the STIP file for UCRP activity each compute and the retirement interface files and Bureau of Labor Standards report (via PPPBLS) at month end. It will be modified to report the new Tier 2013 deductions as new plans. In addition, it will be modified to treat all earnings for future pay periods as though they were in the current month for UCRP contributions.

PROCEDURE DIVISION
In section 23000-, replace
IF XPAR-RETR-PLAN-CODE = ‘1’ AND
XPAR-RETR-GROSS > 0
with
IF (XPAR-RETR-PLAN-CODE = ‘1’
OR XPAR-RETR-PLAN-CODE = ‘6’)
AND XPAR-RETR-GROSS > 0
In section 23100-, add the following after XPAR-UCRS-FY-ND:
XPAR-UCRS-2013 OR
XPAR-UCRS-2013-ND OR
XPAR-UCRS-2013-FY OR
In para 33002, if XPAR-PERIOD-END-DATE () is greater than the current processing month (from XPAR-PAY-END-DATE), use the current processing month for calling PPBENUGR.

In para 33160, add the following before WHEN OTHER:

```
WHEN XPAR-UCRS-2013
  IF XPAR-ELIG-FICA
    MOVE 'P' TO UCRS-RETIREMENT-CODE
  ELSE
    MOVE 'O' TO UCRS-RETIREMENT-CODE
  END-IF
WHEN XPAR-UCRS-2013-FY
  IF XPAR-ELIG-FICA
    MOVE 'U' TO UCRS-RETIREMENT-CODE
  ELSE
    MOVE 'T' TO UCRS-RETIREMENT-CODE
  END-IF
WHEN XPAR-UCRS-2013-ND
  IF XPAR-ELIG-FICA
    MOVE 'Y' TO UCRS-RETIREMENT-CODE
  ELSE
    MOVE 'X' TO UCRS-RETIREMENT-CODE
  END-IF
```

In para 33200, add the following after OR XPAR-UCRS-FY-ND (there are two instances)

```
  OR XPAR-UCRS-2013
  OR XPAR-UCRS-2013-ND
  OR XPAR-UCRS-2013-FY
```

In para 33790, if XPAR-PERIOD-END-DATE () is greater than the current processing month (from XPAR-PAY-END-DATE), use the current processing month for calling PPBENRET.

5.6.1.2 PPI735

PPI735 creates campus and OP GL transactions for the estimated OPEB and UCRP Supplement amounts for each compute, and creates any necessary adjustments (when compared to actual OPEB amounts) at month end. It will be modified to include the new Tier 2013 values. In addition, it will be modified to treat all earnings for future pay periods as though they were in the current month for UCRP contributions.

PROCEDURE DIVISION

In section 2000, replace

```
IF XPAR-RETR-PLAN-CODE = '1' AND
```

with

```
IF (XPAR-RETR-PLAN-CODE = '1' OR '6') AND
```

In para 2020, if XPAR-PERIOD-END-DATE () is greater than the current processing month (from XPAR-PAY-END-DATE), use the current processing month for calling PPBENUGR.

In para 2600, if XPAR-PERIOD-END-DATE () is greater than the current processing month (from XPAR-PAY-END-DATE), use the current processing month for calling PPBENRET.

5.6.1.3 PPI740

PPI740 produces the UCRS maintenance interface and history files. It will be modified to include new UCRS plan code values for the Tier 2013 plan.

WORKING-STORAGE

Under WS-RET-ELIG-CODE, add the following:

```
  88 RET-ELIG-CODE-UCRS-2013 VALUE 'W'.
```


PROCEDURE DIVISION

In section 02300-

add OR RET-ELIG-CODE-UCRS-2013 after IF RET-ELIG-CODE-UCRS-RETR
add OR RET-ELIG-CODE-UCRS-2013-ND after IF RET-ELIG-CODE-UCRS-RETR-ND
add OR RET-ELIG-CODE-UCRS-2013-FY after IF RET-ELIG-CODE-UCRS-FY-ND

In para 02315-, before WHEN OTHER, add

WHEN RET-ELIG-CODE-UCRS-2013
  IF FICA-ELIG-CODE-ELIG-FICA
    MOVE WC-AN-P TO FM-RETIREMENT-CODE
    ADD WC-BI-1 TO WS-P-UCRS-ADDS
  ELSE
    MOVE WC-AN-O TO FM-RETIREMENT-CODE
    ADD WC-BI-1 TO WS-O-UCRS-ADDS
  END-IF
WHEN RET-ELIG-CODE-UCRS-2013-FY
  IF FICA-ELIG-CODE-ELIG-FICA
    MOVE WC-AN-U TO FM-RETIREMENT-CODE
    ADD WC-BI-1 TO WS-U-UCRS-ADDS
  ELSE
    MOVE WC-AN-T TO FM-RETIREMENT-CODE
    ADD WC-BI-1 TO WS-T-UCRS-ADDS
  END-IF
WHEN RET-ELIG-CODE-UCRS-2013-ND
  IF FICA-ELIG-CODE-ELIG-FICA
    MOVE WC-AN-Y TO FM-RETIREMENT-CODE
    ADD WC-BI-1 TO WS-Y-UCRS-ADDS
  ELSE
    MOVE WC-AN-X TO FM-RETIREMENT-CODE
    ADD WC-BI-1 TO WS-X-UCRS-ADDS
  END-IF

In para 02400-, before WHEN OTHER, add

WHEN RET-ELIG-CODE-UCRS-2013
  IF FICA-ELIG-CODE-ELIG-FICA
    MOVE WC-AN-P TO WM-TEMP-RET-CODE
  ELSE
    MOVE WC-AN-O TO WM-TEMP-RET-CODE
  END-IF
WHEN RET-ELIG-CODE-UCRS-2013-FY
  IF FICA-ELIG-CODE-ELIG-FICA
    MOVE WC-AN-U TO WM-TEMP-RET-CODE
  ELSE
    MOVE WC-AN-T TO WM-TEMP-RET-CODE
  END-IF
WHEN RET-ELIG-CODE-UCRS-2013-ND
  IF FICA-ELIG-CODE-ELIG-FICA
    MOVE WC-AN-Y TO WM-TEMP-RET-CODE
  ELSE
MOVE WC-AN-X TO WM-TEMP-RET-CODE
END-IF

Also in para 02400-, under the first EVALUATE WM-TEMP-RET-CODE, add
WHEN WC-AN-<plan>
   ADD WC-BI-1 TO WS-<plan>-UCRS-CHS
for <plan>s P, O, U, T, X, Y

Also in para 02400-, under the second EVALUATE WM-TEMP-RET-CODE, add
WHEN WC-AN-<plan>
   ADD WC-BI-1 TO WS-<plan>-UCRS-UNCH
for <plan>s P, O, U, T, X, Y

5.6.2 Copy Members

5.6.2.1 CPWSXPAR
CPWSXPAR defines the Payroll Audit Record. It will be modified to include:

- XPAR-UCRS-2013 value ‘W’
- XPAR-UCRS-2013-ND value ‘A’
- XPAR-UCRS-2013-FY value ‘6’

5.7 Other Interfaces

5.7.1 COBOL Programs

5.7.1.1 PPIIVR
PPIIVR produces the daily interface file sent to UCOP to update the systemwide ppsivr database. It will be modified to include the retirement system code in the call to PPBENEPD.

PROCEDURE DIVISION
In para 90090-EPD-RATE-LOOKUP, prior to the call of PPBENEPD, add
   MOVE IVREMP-RETIREMENT-CODE TO KEPD-RET-ELIG-CODE

5.7.1.2 PPP495
PPP495 creates the standard union deduction report and interface. It will be modified to include the Tier 2013 plan codes in tests for UCRP.

PROCEDURE DIVISION
Add
   OR 'W' OR 'A' OR '6'
after
   IF XPAR-RETR-PLAN-CODE = 'U' OR 'B'
      OR '1'

5.7.2 Copy Members

5.7.2.1 CPWSXECP (info only; no modification or recompile required)
CPWSXECP defines the record layout for the FCP Employee file. The record includes level 88s for the retirement plan code, but they are not referenced anywhere (also note that the values do not include the values for covered compensation limits). No change is required.
5.8 Other Reporting

5.8.1 COBOL Programs

5.8.1.1 PPP570

PPP570 calculates the salary bases of various benefits and generates IE and X1 transactions to update the appropriate salary bases. It will be modified to include the retirement plan code in the call to PPBENE PD.

PROCEDURE DIVISION

In section SORT-WORK-EPD-SETUP-265, move RET-ELIG-CODE to KE PD-RET-ELIG-CODE prior to the call to PPBENE PD.

5.9 Tax Processing

5.9.1 COBOL Programs

5.9.1.1 PPTAXEDB

PPTAXEDB generates the extracts for W-2 and/or UI processing and selected control and error reports. It will be modified to include the new plan codes in the tests for qualified pension plans.

PROCEDURE DIVISION

There are two tests for specific values for RET-ELIG-PLAN; add OR ‘W’ OR ‘A’ OR ‘6’ to both of them.