Service Request 83873

Visa Type Code DA for DACA Status

Technical Specification

October 02, 2013

Prepared by Baskar Chittravel

Information Resources & Communications
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>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>10/02/2013</td>
<td>Baskar Chitravel</td>
<td>Initial version</td>
</tr>
</tbody>
</table>
Table of Contents

Version History ........................................................................................................................................... 1

1 Introduction.................................................................................................................................................. 3
   1.1.1 Service Request 83873 ................................................................................................................... 4

2 Overview of System Modifications ............................................................................................................. 5

3 Design Considerations ............................................................................................................................... 6
   3.1 Assumptions and Dependencies .......................................................................................................... 6

4 Testing Considerations ............................................................................................................................... 6

5 Mainframe Design ..................................................................................................................................... 7
   5.1 EDB Maintenance Changes ................................................................................................................... 7
      5.1.1 COBOL Programs ......................................................................................................................... 7
   5.2 Month End Reporting Changes ........................................................................................................... 12
      5.2.1 COBOL Programs ......................................................................................................................... 12
      5.2.2 Control Table Updates ................................................................................................................ 14
      5.2.3 Data Dictionary Updates ............................................................................................................. 16

6 DACA Status Visa Type Code – Unit Testing Requirements ...................................................................... 17
   6.1.1 EDB Maintenance Changes ............................................................................................................. 17
   6.1.2 Month End Reporting Changes ..................................................................................................... 19

Attachment A – CICS Help Text Changes ................................................................................................. 20

Attachment B – Web Data Dictionary Changes .......................................................................................... 21
1 Introduction

Recently, Secretary of Homeland Security announced that certain young people will be considered for relief from removal from the country under the Deferred Action for Childhood Arrivals (DACA) program.

The following are the key criteria for granting the DACA status:

- Persons who were brought to the United States as young children
- They do not present a risk to National Security and Public Safety
- They should pass the substantial presence test by residing in the US for at least 5 consecutive years
- For US visa purposes, they are undocumented and so do not possess a non-immigrant visa

After the DACA status granted, the young people can now enroll in a higher education institution and also work while pursuing their degree.

Therefore, create a new DACA visa type code in PPS, which would allow the DACA status granted students to be properly entered into the PPS system and identified appropriately for campus purposes.
1.1.1 Service Request 83873

SR83873 proposes the following PPS changes:

- Add a new Visa Type Code value of ‘DA’ into the EDB Data Element #0110 (VISA_TYPE IN PPPPAY)

- The description of ‘DACA Status’ for the Visa Type ‘DA’ should be added to CTT, Data Dictionary, and CICS help.

- Add consistency and implied edits to verify the following for ‘DA’ Visa Type Code:

  a. Visa Type Code value of ‘DA’ is valid, only if the Citizenship Code value is ‘R’ (Resident Alien for tax purposes)

  b. During consistency edit, display a warning message to let the user know that US Date of Entry is not required for ‘DA’; however, move a low date to US Date of Entry (EDB1169) while performing implied edit

- The 3 message pairs, which are displayed for Visa Type Code ‘PR’ with Citizenship ‘R’ combination, need to have their wording changed to incorporate visa type ‘DA’, so that they can be used in the consistency and implied edits

- Visa Code ‘DA’ (with Citizen ‘R’) should be included into the PPP5821 report; but, it should be excluded from the report PPP5831.
2 Overview of System Modifications

SR83873 asks PPS to add Visa Type Code ‘DA’ and edits to make sure that ‘DA’ is treated in the same way as Visa Code of ‘PR’.

The changes are needed in PPS for adding a new visa type code ‘DA’ and the relevant edits as required by the SR83873:

1. For the EDB Data Element 0110, which is the Visa Type Code, add a value of ‘DA’ with a description of ‘DACA Status’ into the following PPS table and documents:
   - Code Translation Table (CTT), which is part of CTL database, add an entry with a length of 57
   - Data Dictionary document that is viewable at the web page http://payroll.ucop.edu/DD/EDB/EDB0110.HTML
   - Help Text document for EDB0110, which are accessed in the EALN, IALN, IGEN, and HPER CICS Screens

2. For the Visa Type Code (EDB0110), add a value of ‘DA’ into the valid value/range list of PPPDET table, which is used by the value/range consistency edit routines.

3. Add the following edits into program PPEC111::
   - Visa Type Code value of ‘DA’ is valid, only if the Citizenship Code value is ‘R’ (Resident Alien for tax purposes). If the above rule is not satisfied, then display message 08-500 for USER08 (Consistency Edit) and 12-500 for USER12 call (Implied Edit).
   - Since US Date of Entry is not required, move low date to US Date of Entry (EDB1169) for Visa Type of ‘DA’ / Citizenship Code of ‘R’ combination. In addition, display messages 08-941 (ConEdit) and 12-941 (Implied), while moving low-date to EDB1169.
   - Since UC W-8Ben Date (EBB1168) is not required, move low date to UC W-8Ben Date (EBB1168) for Visa Type of ‘DA’ / Citizenship Code of ‘R’ combination. In addition, display message 08-950 (or 12-950, if implied maintenance) when EDB1168 is blanked out.

4. The following 3 message pairs from the System Messages Table need to have their wording changed to incorporate visa type ‘DA’ with Citizenship ‘R’ combination:
   - Message#    Current Description
     08-950        UC W-8BEN DATE MUST BE BLANK FOR CTZN C OR R AND VISA TYPE PR
     12-950        UC W-8BEN DATE MUST BE BLANK FOR CTZN C OR R AND VISA TYPE PR
     08-941        DATE OF ENTRY MUST BE BLANK FOR CTZN C, X, OR R AND VISA PR
     12-941        DATE OF ENTRY SET TO BLANK FOR CTZN C, X, OR R AND VISA PR
     08-500        VISA TYPE = "PR"; CIT. CODE IS NOT "R"
     12-500        VISA TYPE = "PR"; CIT. CODE IS NOT "R"

5. Visa Type Code ‘PR’ (with Citizenship ‘R’) is excluded from reporting in the PPP5821 and PPP5831 reports. However, reporting of Visa Type Code ‘DA’ (with Citizenship ‘R’) should be as below:
   - Report PPP5821 – Visa Type ‘DA’ Included
   - Report PPP5831 – Visa Type ‘DA’ Excluded
3 Design Considerations

3.1 Assumptions and Dependencies

Following are the assumptions made, while designing the PPS changes to add the new Visa Type Code ‘DA’:

- For editing purposes, treat the new Visa Type Code ‘DA’ to be the same as existing Visa Type Code ‘PR’, as below:
  - Entry of Visa Type Code ‘DA’ is allowed only for Citizenship Status Code of ‘R’ (Resident Aliens).
  - UC W-8Ben Date (EDB1168) is not required for Visa Type Code ‘DA’.
  - US Date of Entry (EDB1169) is not required for Visa Type Code ‘DA’.

- While reporting, Visa Code ‘DA’ (with Citizen ‘R’) is included in PPP5821; but, it is not included in PPP5831 report.

- No CICS screen changes are required.

4 Testing Considerations

- Batch File Maintenance and CICS Employee updates should be considered for testing the dual mode PPEC111 program.

- Comprehensive QA and UAT testing setup and support are required.
5 Mainframe Design

5.1 EDB Maintenance Changes

5.1.1 COBOL Programs

5.1.1.1 PPEC111

Program PPEC111 performs the consistency and implied edits for Citizenship Code, U.S. Date of Entry, UC W-8BEN Date, and Visa Type.

In order to satisfy the requirements in SR83873, for the new visa type 'DA', add the following consistency and implied edits into PPEC111:

- **Edit Rule:** Visa Type Code value of ‘DA’ is valid, only if the Citizenship Code value is ‘R’ (Resident Alien for tax purposes).
  
  If rule not satisfied, then display the following message:
  
  08-500 will be displayed during the Consistency Edit phase
  
  Message Text: VISA TYPE = "PR" or "DA"; CIT. CODE IS NOT "R"

  12-500 will be displayed during the Implied Edit phase
  
  Message Text: VISA TYPE = "PR" or "DA"; CIT. CODE IS NOT "R"

- **Edit Rule:** For Visa Type of ‘DA’ / Citizenship Code of ‘R’ combination, US Date of Entry is not required.
  
  If rule not satisfied, then move a low date value to US Date of Entry (EDB1169) and display the following message:
  
  08-941 will be displayed during the Consistency Edit phase
  
  Message Text: DATE OF ENTRY MUST BE BLANK FOR CTZN C, X, OR R AND VISA TYPE PR/DA

  12-941 will be displayed during the Implied Edit phase
  
  Message Text: DATE OF ENTRY MUST BE BLANK FOR CTZN C, X, OR R AND VISA TYPE PR/DA

- **Edit Rule:** For Visa Type of ‘DA’ / Citizenship Code of ‘R’ combination, UC W-8BEN Date is not required.
  
  If rule not satisfied, then move a low date value to UC W-8BEN Date (EDB1168) and display the following message:
  
  08-950 will be displayed during the Consistency Edit phase
  
  Message Text: UC W-8BEN DATE MUST BE BLANK FOR CTZN C OR R AND VISA TYPE PR/DA

  12-950 will be displayed during the Implied Edit phase
  
  Message Text: UC W-8BEN DATE MUST BE BLANK FOR CTZN C OR R AND VISA TYPE PR/DA
WORKING-STORAGE

Change the value of A-STND-PROG-ID appropriately.

PROCEDURE DIVISION

Consistency Edit Changes:

In the 1100-CONEDITS-MAINLINE section, add new visa type ‘DA’ wherever visa type ‘PR’ is referenced, as below:

1100-CONEDITS-MAINLINE SECTION.
  . . .
  EVALUATE TRUE
    WHEN (   CITIZEN-CODE-US-CITZEN
      OR CITIZEN-CODE-NON-RESID-ALIEN-X)
      . . .
      WHEN (   CITIZEN-CODE-NON-RESID-ALIEN-T
                  OR CITIZEN-CODE-NONR-ALN-SPECTCRY
                  OR CITIZEN-CODE-STUDENT-EMPLOYEE
                  OR CITIZEN-CODE-PENDING-PERM-RES
                  OR CITIZEN-CODE-RESID-ALN-EXMP
                  OR CITIZEN-CODE-NONRESID-ALN-EXMP)
            IF   VISA-TYPE = SPACES
               . . .
            ELSE
               IF VISA-TYPE = 'PR'
                 IF VISA-TYPE = 'PR' OR 'DA'
                   ADD 1               TO KMTA-CTR
                   MOVE E0109          TO KMTA-FIELD-NUM   (KMTA-CTR)
                   MOVE CITIZEN-CODE  TO KMTA-DATA-FIELD  (KMTA-CTR)
                   MOVE 1              TO KMTA-LENGTH       (KMTA-CTR)
                   MOVE M08500         TO KMTA-MSG-NUMBER  (KMTA-CTR)
                    . . .
                 WHEN (   CITIZEN-CODE-RESIDENT-ALIEN
                      OR CITIZEN-CODE-PENDING-PERM-RES )
                   IF   VISA-TYPE = SPACES
                      . . .
                 ELSE
                   IF VISA-TYPE = 'PR'
                     IF VISA-TYPE = 'PR' OR 'DA'
                       PERFORM 1160-NON-BLANK-US-DT-OF-ENTRY
ELSE
    PERFORM 1150-BLANK-US-DT-OF-ENTRY
END-IF
END-IF
END-EVALUATE.

EVALUATE TRUE
WHEN  (CITIZEN-CODE-RESIDENT-ALIEN AND VISA-TYPE = 'PR')
    OR  (CITIZEN-CODE-RESIDENT-ALIEN AND VISA-TYPE = 'DA')
    OR  CITIZEN-CODE-US-CITIZEN
    IF  W8BEN-DATE = WS-DEFAULT-DATE
        CONTINUE
    ELSE
        ADD 1 TO KMTA-CTR
        MOVE E0109 TO KMTA-FIELD-NUM (KMTA-CTR)
        MOVE CITIZEN-CODE TO KMTA-DATA-FIELD (KMTA-CTR)
        MOVE 1 TO KMTA-LENGTH (KMTA-CTR)
        MOVE M08950 TO KMTA-MSG-NUMBER (KMTA-CTR)
    . . .
    WHEN  (CITIZEN-CODE-RESIDENT-ALIEN
        AND VISA-TYPE NOT = 'DA'
        AND VISA-TYPE NOT = 'PR')
        OR  CITIZEN-CODE-NON-RESID-ALIEN-T
        OR  CITIZEN-CODE-NONRESID-ALN-EXMP
        OR  CITIZEN-CODE-NONR-ALN-SPECCTRY
        OR  CITIZEN-CODE-NON-RESID-ALIEN-X
        OR  CITIZEN-CODE-RESID-ALN-EXMP
        OR  CITIZEN-CODE-PENDING-PERM-RES
        OR  CITIZEN-CODE-STUDENT-EMPLOYEE
        IF  W8BEN-DATE = WS-DEFAULT-DATE
            ADD 1 TO KMTA-CTR
            MOVE E0109 TO KMTA-FIELD-NUM (KMTA-CTR)
            MOVE CITIZEN-CODE TO KMTA-DATA-FIELD (KMTA-CTR)
            MOVE 1 TO KMTA-LENGTH (KMTA-CTR)
            MOVE M08949 TO KMTA-MSG-NUMBER (KMTA-CTR)
        . . .
    END-IF
END-EVALUATE.
    . . .
Implied Maintenance Changes:

In the 5100-IMPLIED-MAINT-MAINLINE section, add new visa type 'DA' wherever visa type 'PR' is referenced, as below:

5100-IMPLIED-MAINT-MAINLINE SECTION.

\[\ldots\]

EVALUATE TRUE

\[\text{WHEN } ( \text{CITIZEN-CODE-US-CITIZEN} \]
\[\text{OR CITIZEN-CODE-NON-RESID-ALIEN-X}) \]
\[\ldots\]

\[\text{WHEN } ( \text{CITIZEN-CODE-NON-RESID-ALIEN-T OR} \]
\[\text{CITIZEN-CODE-NONR-ALN-SPECTRY OR} \]
\[\text{CITIZEN-CODE-STUDENT-EMPLOYEE OR} \]
\[\text{CITIZEN-CODE-PENDING-PERM-RES OR} \]
\[\text{CITIZEN-CODE-RESID-ALN-EXMP OR} \]
\[\text{CITIZEN-CODE-NONRESID-ALN-EXMP) } \]

\text{IF VISA-TYPE = 'PR'}

\text{IF VISA-TYPE = 'PR' OR 'DA'}

\text{ADD 1 TO KMTA-CTR}

\text{MOVE E0109 TO KMTA-FIELD-Num (KMTA-CTR)}

\text{MOVE CITIZEN-CODE TO KMTA-DATA-FIELD (KMTA-CTR)}

\text{MOVE 1 TO KMTA-LENGTH (KMTA-CTR)}

\text{MOVE M12500 TO KMTA-MSG-NUMBER (KMTA-CTR)}

\[\ldots\]

\text{WHEN } ( \text{CITIZEN-CODE-RESIDENT-ALIEN) } \]

\text{IF VISA-TYPE = 'PR'}

\text{IF VISA-TYPE = 'PR' OR 'DA'}

\text{PERFORM 1160-NON-BLANK-US-DT-OF-ENTRY}

\text{ELSE}

\text{PERFORM 1150-BLANK-US-DT-OF-ENTRY}

\text{END-IF}

\text{END-EVALUATE.}

\text{EVALUATE TRUE}

\text{WHEN } ( \text{CITIZEN-CODE-RESIDENT-ALIEN AND VISA-TYPE = 'PR'})

\text{OR } (\text{CITIZEN-CODE-RESIDENT-ALIEN AND VISA-TYPE = 'DA'})

\text{OR CITIZEN-CODE-US-CITZEN}

\text{IF W8BEN-DATE = WS-DEFAULT-DATE}

\text{CONTINUE}

\text{ELSE}

\text{ADD 1 TO KMTA-CTR}

\text{MOVE E0109 TO KMTA-FIELD-Num (KMTA-CTR)}

\text{MOVE CITIZEN-CODE TO KMTA-DATA-FIELD (KMTA-CTR)}
Move 1 to KMTA-length (KMTA-ctr)
Move M12950 to KMTA-msg-number (KMTA-ctr)

When (CITIZEN-CODE-RESIDENT ALIEN
    AND VISA-TYPE NOT = 'DA'
    AND VISA-TYPE NOT = 'PR')
OR CITIZEN-CODE-NON-RESID ALIEN-T
OR CITIZEN-CODE-NONRESID-ALN-EXMP
OR CITIZEN-CODE-NON-ALN-EXMP
OR CITIZEN-CODE-PENDING PERM-RES
OR CITIZEN-CODE-STUDENT-EMPLOYEE
If W8BEN-DATE = WS-DEFAULT-DATE
Add 1 to KMTA-ctr
Move E0109 to KMTA-field-num (KMTA-ctr)
Move CITIZEN-CODE to KMTA-data-field (KMTA-ctr)
Move 1 to KMTA-length (KMTA-ctr)
Move M12949 to KMTA-msg-number (KMTA-ctr)

Move WS-Routine-num to KMTA-Routine-num (KMTA-ctr)
End-if
End-evaluate.
5.2 **Month End Reporting Changes**

5.2.1 **COBOL Programs**

5.2.1.1 **PPP582**

Month End reporting program PPP582 produces the report “Status Changes for Non-U.S. Citizens” (PPP5821) and an exception report file ERRRPT. For the reporting, this program retrieves employees with Citizenship Code of ‘A’, ‘N’, ‘E’, ‘F’, or, ‘R’ with all Visa Types except PR.

Visa Type Code ‘PR’ (with Citizenship ‘R’) is excluded from reporting in the PPP5821. However, reporting of Visa Type Code ‘DA’ (with Citizenship ‘R’) should be included in the PPP5821 report.

For Citizenship ‘R’, PPP582 is already including all the visa types except ‘PR’, which includes visa type ‘DA’ as well, no change is needed to program PPP582 at this time.

5.2.1.2 **PPP583**

PPP583 is a batch program that produces the report “RENEWAL OF UC W-8BEN” (PPP5831) in the Employee ID, Employee Name, or Employee’s Home Department Number sequences, specified in the Program Run Specification.

Month end reporting program PPP583 retrieves, from EDB, the details of non-U.S. citizens with a citizenship status code (EDB 0109) value of “A”, “N”, “E”, “S”, “F”, and “R” (only if their Visa Type Code value does not equal “PR”). The month end report PPP5831 is produced with employee details and the dates associated with citizenship / visa type.

This report PPP5831 is available in the Employee ID, Employee Name, or Employee’s Home Department Number sequences, specified in the Program Run Specification.

Currently, Visa Type Code ‘PR’ (with Citizenship ‘R’) is excluded from reporting in the PPP5831. In this project, the reporting of Visa Type Code ‘DA’ (with Citizenship ‘R’) will be excluded as well in the PPP5831 report.

**WORKING-STORAGE**

Change the value of A-STND-PROG-ID appropriately.

In the SQL WORKING STORAGE area, various cursors are defined with different sort order to retrieve employee details with CITIZEN-CODE of A, N, E, S, F, OR R (AND VISA-TYPE <> PR) from the EDB tables PPPPER, PPPPAY, and PPPBEN.

Defined cursors and their associated sort order are described as below:

<table>
<thead>
<tr>
<th>Cursor Name</th>
<th>Ascending Sort Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMPID_SEQ_CSR</td>
<td>Employee ID</td>
</tr>
<tr>
<td>NAME_SEQ_CSR</td>
<td>Employee Name</td>
</tr>
</tbody>
</table>
In all the cursor definitions of EMPID_SEQ_CSR, NAME_SEQ_CSR, and HOME_SEQ_CSR, add the condition to exclude the selection of Citizenship 'R' employees with DA Visa Type in the WHERE clause of each of the cursor, as below:

```sql
    AND (B.CITIZEN_CODE = 'R'
        AND B.VISA_TYPE <> 'DA'
        AND B.VISA_TYPE <> 'PR')
```
5.2.2 Control Table Updates

5.2.2.1 CTL Database

The CTL update transactions are included below in this document and these will be keyed by the programmer and applied to the CTL database by running program PPP004.

5.2.2.1.1 PPPMSG – System Messages Table

The following 3 message pairs from the System Messages Table need to have their wording changed to incorporate visa type ‘DA’ with Citizenship ‘R’ combination:

<table>
<thead>
<tr>
<th>Message#</th>
<th>New Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>08-950</td>
<td>UC W-8BEN DATE MUST BE BLANK FOR CTZN C OR R AND VISA TYPE PR/DA</td>
</tr>
<tr>
<td>12-950</td>
<td>UC W-8BEN DATE MUST BE BLANK FOR CTZN C OR R AND VISA TYPE PR/DA</td>
</tr>
<tr>
<td>08-941</td>
<td>DATE OF ENTRY MUST BE BLANK FOR CTZN C, X, OR R AND VISA PR/DA</td>
</tr>
<tr>
<td>12-941</td>
<td>DATE OF ENTRY SET TO BLANK FOR CTZN C, X, OR R AND VISA PR/DA</td>
</tr>
<tr>
<td>08-500</td>
<td>VISA TYPE = “PR” or “DA”; CIT. CODE IS NOT “R”</td>
</tr>
<tr>
<td>12-500</td>
<td>VISA TYPE = “PR” or “DA”; CIT. CODE IS NOT “R”</td>
</tr>
</tbody>
</table>

Create the following CTL transactions using UPAY554 form to change the above PPPMSG table messages:

SYSTEM MESSAGES TABLE (08) TRANSACTIONS

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>0</td>
<td>5</td>
<td>0</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>C080895001</td>
<td>UC W-8BEN DATE MUST BE BLANK FOR CTZN C OR R AND VISA TYPE PR/DA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C081295001</td>
<td>UC W-8BEN DATE MUST BE BLANK FOR CTZN C OR R AND VISA TYPE PR/DA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C080894101</td>
<td>DATE OF ENTRY MUST BE BLANK FOR CTZN C, X, OR R AND VISA PR/DA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C081294101</td>
<td>DATE OF ENTRY SET TO BLANK FOR CTZN C, X, OR R AND VISA PR/DA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C080850001</td>
<td>VISA TYPE = “PR” or “DA”; CIT. CODE IS NOT “R”</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C081250001</td>
<td>VISA TYPE = “PR” or “DA”; CIT. CODE IS NOT “R”</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PPPCTT – Code Translation Table

For the Visa Type Code (EDB0110), add a vaue of ‘DA’ with a description of ‘DACA Status’ into the Code Translation Table (CTT).

Create the following CTL transaction using UPAY814 form to add an entry for ‘DA’ with a length of 57 into PPPCTT table translations:

CODE TRANSLATION TABLE (38) TRANSACTIONS

A38  EDB0110  DA  57DACA Status

5.2.2.1.2  PPPDET – Data Element Table

Generally, the valid value/range list is maintained in the field DET_VAL_RNG_EDTS (max length 93) of PPPDET table and used by the value/range consistency edit routines.

However, for Visa Type data element (EDB0110), field DET_TBLEDT_RTN has a value of ‘6’ and so the value/range edit for EDB0110 is defined in USER06 with the option 6, in which USER06 accesses PPPCTT table for the valid values lookup.

Therefore, creating the CTL transaction using UPAY553 form to add a new value of ‘DA’ into the value/edit for Visa Type Code (EDB0110) into PPPDET table (2 transactions: one with blank Card Type and another with P9 Card Type), are taken care by the above PPPCTT transactions.

DATA ELEMNT TABLE (06) TRANSACTIONS

CTT transactions are accessed in USER06; so, no DET transactions are needed.
5.2.3 Data Dictionary Updates

5.2.3.1 CICS Help Text

The Help Text member for EDB0110 should be changed to include the new visa type code ‘DA’ into the list of valid values. Refer to Attachment A for the changes to the help text EDB0110 to add the new visa code value of ‘DA’.

Before bringing up a CICS region, load the changed Help Text into the CICSHELP VSAM dataset (LOADDDSE Job) of that region. After successful load, bring up this region and the appropriate CICS Help will be displayed in functions EALN, IALN, IGEN, and HPER, when PF1 key is pressed on the Visa Type field.

5.2.3.2 Web Data Dictionary Document

The web EDB Data Dictionary for EDB0110 should be changed to include the new visa type code ‘DA’ into the list of valid values. Refer to Attachment B for the changes to add the new visa code value of ‘DA’.

Follow PPS procedures to change Data Dictionary document and upload the document into the payroll web page at http://payroll.ucop.edu/DD/EDB/EDB0110.HTML.
6 DACA Status Visa Type Code – Unit Testing Requirements

Load a test EDB from Base.

Load a test CTL from Base.

Install the changed batch / dual programs into the test region.

Test the CICS Help Text changes for the Visa Type Code as mentioned above inside the section Data Dictionary Updates, under CICS Help Text section.

6.1.1 EDB Maintenance Changes

EDB File Maintenance (Batch or CICS):

Find and/or setup employee(s) with the following EDB details:

- Different Citizenship Code values including ‘R’
- Different Visa Type values including ‘DA’
- Employees with different US Date of Entry values including low-date value
- Employees with different UC W-8Ben Date values including low-date value

Run File Maintenance using the Batch transactions with changes to any of the following data elements in order to trigger the EDB Maintenance Consistency Edit routine PPEC111:

<table>
<thead>
<tr>
<th>DE#</th>
<th>Data Element Description</th>
<th>CICS Screen(s)</th>
<th>Batch Card</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDB0109</td>
<td>CITIZENSHIP STATUS CODE in PPPPAY</td>
<td>EALN, EPD1</td>
<td>P9 (UPAY640B)</td>
</tr>
<tr>
<td>EDB0110</td>
<td>VISA TYPE CODE in PPPPAY</td>
<td>EALN</td>
<td>P9 (UPAY640B)</td>
</tr>
<tr>
<td>EDB0119</td>
<td>UC STUDENT STATUS CODE in PPPPER</td>
<td>EPD1</td>
<td>B1 (UPAY640A), P8 (UPAY640B)</td>
</tr>
<tr>
<td>EDB0143</td>
<td>COUNTRY_ORIGIN in PPPPAY</td>
<td>EALN</td>
<td>P9 (UPAY640B)</td>
</tr>
<tr>
<td>EDB1168</td>
<td>UC W-8BEN Date in PPPPAY</td>
<td>EALN</td>
<td></td>
</tr>
<tr>
<td>EDB1169</td>
<td>UNITED STATES DATE OF ENTRY in PPPPAY</td>
<td>EALN</td>
<td></td>
</tr>
</tbody>
</table>
The data conditions and the expected consistency edit messages that should be displayed in USER08 (PPP080 run → 08-xxx messages) and/or USER12 (PPP120 run → 12-xxx messages) are explained in the table below:

<table>
<thead>
<tr>
<th>Citizen Code</th>
<th>Visa Type Code</th>
<th>US Date of Entry</th>
<th>UC W8BEN Date</th>
<th>Expected Results / Messages (From File Maintenance Modules)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>PPP080 → USER08</strong></td>
</tr>
<tr>
<td>R</td>
<td>PR or DA</td>
<td>Non Blank (low) Date</td>
<td>Blank (low) Date</td>
<td>Display message 08-941 with the following description: DATE OF ENTRY MUST BE BLANK FOR CTZN C, X, OR R AND VISA PR/DA</td>
</tr>
<tr>
<td></td>
<td>PR or DA</td>
<td>Blank (low) Date</td>
<td>Non Blank (low) Date</td>
<td>Display of message# 08-950 with the below description: UC W-8BEN DATE MUST BE BLANK FOR CTZN C OR R AND VISA TYPE PR/DA</td>
</tr>
<tr>
<td>R</td>
<td>PR or DA</td>
<td>Blank (low) Date</td>
<td>Blank (low) Date</td>
<td>Do not display message 08-949 with the description: UC W-8BEN DATE IS MISSING</td>
</tr>
<tr>
<td>N, A, S, P, F, or E</td>
<td>PR or DA</td>
<td>Any</td>
<td>Any</td>
<td>Display message# 08-500 with the following description: VISA TYPE = &quot;PR&quot; or &quot;DA&quot;; CIT. CODE IS NOT &quot;R&quot;</td>
</tr>
</tbody>
</table>

From the report PPP1800 that is produced from the EDB Change file records or by checking the US Date of Entry and/or UC W8BEN Date in PPPPAY table employee row, verify that the non-low dates have been changed to low-date for the above test cases.
6.1.2 Month End Reporting Changes

From the EDB table PPPPAY, identify employees with Citizenship Code ‘R’ and different Visa Types including ‘DA’. From this list, retain only employee IDs with Employment Status of ‘A’, ‘N’, or ‘P’ (EMP_STATUS field in PPPPER table).

Run base program PPP582 and make a note that employees with Visa Type Code ‘DA’ and Citizenship ‘R’ are reported in the PPP5821 report.

After the program PPP583 install, run the program PPP583 in all the available sort order options (at position 12 of Spec Card) listed below:

- ‘I’ → Employee ID sequence
- ‘N’ → Employee Name sequence
- ‘H’ → Home Department sequence

Note: UPAY883 is the specication card for program PPP583 and it can be accessed at http://payroll.ucop.edu/forms/upay883.pdf.

After each PPP583 run described above, verify that employees with Visa Type Code ‘DA’ and Citizenship ‘R’ are excluded from reporting in the PPP5831 report.
Attachment A – CICS Help Text Changes

Add ‘DA’ for Visa Type Code (EDB0110)

Member EDB0110 in the help text dataset (PAY.BASE.HELPTEXT) should be changed to add the new visa code of ‘DA’, as below:

******************************** Top of Data ********************************
./NEWFILE EDB0110,P=3,TITLE=VISA TYPE CODE-EDB
#OPTIONS TYPE=W,FOOTER=5
Revised: 02/04/11 11/12/13 "VISA TYPE CODE-EDB"

Description: Code indicating the type of visa held by an individual.

Format: N/A

Eligible for Employment

Code Interpr.: _@A1¬ - Ambassador, public minister, career diplomat or consular officer and members of immediate family
 _@A2¬ - Other foreign government official or employee, and members of immediate family
 _@DA¬ - DACA Status
 _@E1¬ - Treaty Trader, spouse and children
 _@E2¬ - Treaty Investor, spouse and children
 _@E3¬ - Principal visa holder and dependents from Australia
 _@F1¬ - Student
 _@G1¬ - Employees of International Organization
 _@G2¬ - Employees of International Organization
 _@G3¬ - Employees of International Organization
...
 _@V2¬ - Unmarried child (under the age of 21) of a lawful permanent resident
 _@V3¬ - The child of either a V-1 or a V-2 non-immigrant

Not Eligible for employment unless in Pending Permanent Resident Status
 _@B1¬ - Visitor for business (often scholars)
 _@B2¬ - Temporary visitor for pleasure
 _@F2¬ - Spouse or child of student
 _@H4¬ - Spouse or child of an H1, H2 or H3 visa holder
 _@M1¬ - Vocational Students
 _@M2¬ - Alien spouses or dependents of M-1 vocational students
 _@P4¬ - Dependents of P visa holders
 _@R2¬ - Dependents of R1 visa holders
 _@TD¬ - Dependents of TN visa holders
 _@WB¬ - Visa waiver for business
 _@WT¬ - Visa waiver for pleasure

******************************** Bottom of Data ********************************
Attachment B – Web Data Dictionary Changes

Visa Type Code - EDB0110

Web Data Dictionary member for EDB0110 should be changed to add the new visa code value of ‘DA’, as below:

**System Number:** EDB0110

**User Access Name:** 0110-0

**Programming Name:** VISA_TYPE IN PPPPAY

**Revision Date:** 01/28/11, 11/12/13

**Comments**

Location(s): BAS 1052 - Visa Type Code-BAS in HDB

**Name:** VISA TYPE CODE-EDB

**Type:** ALPHANUMERIC

**Length:** 2

**Format**

N/A

**General Description**

Code indicating the type of visa held by an individual.

**Code Interpretation**

EDB 0110 - VISA TYPE CODE-EDB

A1 - Ambassador, public minister, career diplomat or consular officer and members of immediate family
A2 - Other foreign government official or employee, and members of immediate family
B1 - Visitor for business (often scholars)
B2 - Temporary visitor for pleasure
E1 - Treaty Trader, spouse and children
E2 - Treaty Investor, spouse and children
E3 - Principal visa holder and dependents from Australia
DA - DACA Status
F1 - Student
F2 - Spouse or child of student
V3 - The child of either a V-1 or a V-2 non-immigrant
WB - Waiver for business
WT - Waiver for tourist (pleasure)