Service Request 100600
Modification to EDB Entry Update Employee Personal Data 1 (EPD1) screen and allow additional values for 3 existing fields

Technical Specification

April 28, 2014 (DRAFT)
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- SR100600
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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>4/28/14</td>
<td>Maxine Gerber</td>
<td>Initial Draft</td>
</tr>
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<td>1.1</td>
<td>4/29/14</td>
<td>Maxine Gerber</td>
<td>Minor change to help text details</td>
</tr>
<tr>
<td>1.2</td>
<td>5/5/14</td>
<td>Maxine Gerber</td>
<td>Additional requirements</td>
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<tr>
<td>1.3</td>
<td>5/22/14</td>
<td>Maxine Gerber</td>
<td>Additional change to PPP711 to prevent error message for new ethnic codes.</td>
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</table>
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1 Introduction

1.1 Service Request 100600

SR10060 request modifications to CICS screen EPD1, some new values for existing fields, and modifications to web EDB update and inquiry.

- New values for EDB0112, 351 & 352 will be added
- The label for EDB0351 will be changed

2 Overview of System Modifications

2.1 Control Table Updates

The data element table (DET) and Code Translation Table (CTT) will be updated with the new values for data elements EDB0112, 351 and 352.

2.2 EDB Maintenance Process on Mainframe

- The EDB0351 field label will be changed on CICS Screen EPD1 (map name PPEPD10).
- CICS Help for EDB0112, 351 and 352 will be modified to reflect the new values.

2.3 Web EDB Inquiry and Update

- The EDB0351 field label will be changed in web EDB inquiry and web EDB update
- Web EDB update help for EDB0112, 351 and 352 will be modified to reflect the new values.

2.4 Data Dictionary

- Data dictionary entries for EDB0112, 351 and 352 will be modified to reflect the new values.

2.5 CPS Interface Process

- Program PPP711 will be modified to incorporate the new values for EDB0112.

3 Design Considerations

3.1 External Impact

- CPS: New values are being added to the ethnic origin code on the CPS interface.

4 Testing Considerations

- Testing includes CICS, web Inquiry, web Update, and the batch CPS interface.
- A test CPS interface file should be sent to CPS.
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5 Mainframe Design

5.1 EDB Maintenance

5.1.1 CICS Map Changes

5.1.1.1 PPEPD10

PPEPD10 is the CICS map for the screen function EPD1 - Employee Personal Data 1.
Next to “Veteran Status Codes”, change the label for EDB0351 from “Disability” to “Oth Status”

5.1.2 CICS Help Updates

- EDB0112 – Add new valid values to CICS Help text:
  - K – Korean
  - I – Vietnamese
  - G – European
  - J – Middle Eastern
  - N – North African
  - H – Two or More races
- EDB0351– Add new valid values to CICS Help text:
  - O – I am Not a Protected Veteran
  - P – Protected Vet, No Self-Identify
- EDB0352 – Add new valid values to CICS Help text:
  - D – Don’t Wsh Ans
  - R – No Response

5.1.3 Control Table Updates

5.1.3.1 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.

5.1.3.1.1 PPPDET – Data Element Table

Create transactions to update PPPDET as follows:

- EDB0112 – Add new valid values of K, I, G, J, N, H, O, P, Q, S, T, V
- EDB0351 – Add new valid values of O and P
- EDB0352 – Add new valid values of D and R

5.1.3.1.2 PPPCTT – Code Translation Tables

Create transactions to update PPPCTT using the values in the BRD.

5.1.4 Data Dictionary Updates

Modified Data Dictionary entries will be required to include the new values for the following. See BRD for text changes.
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- EDB0112 – Add new valid values to CICS Help text.
- EDB0351 – Add new valid values to CICS Help text.
- EDB0352 – Add new valid values to CICS Help text.

5.2 **CPS Interface**

5.2.1 **Cobol Programs**

5.2.1.1 **PPP711**

PPP711 produces the Corporate Personnel System Employee file and Dependent file from data on the EDB.

- In section F3215-CONVERT-ETHNIC, add the following translations for the new values of EDB0112, ETHNIC-ID:
  - K = 23
  - I = 24
  - G = 25
  - J = 26
  - N = 27
  - H = 28
- In section 4200-VALID-ETHNIC, add new valid values of K, I, G, J, N, H

6 **Web Design**

6.1 **Web EDB Inquiry**

6.1.1 **Screen jsps**

6.1.1.1 **personal_ppwwiper.jsp**

/EDBInquiry/WebContent/jsp/personal_ppwwiper.jsp is the html format for the personal data screen. Data is displayed from the employeeInfo object.

Change the label “Veteran Disabled Status” to “Other Veteran Status” in the following line of code:

```html
<td width="28%" align="RIGHT" class="ROWLABEL">Veteran Disabled Status:</td>
```

6.2 **Web EDB Update**

6.2.1 **Screen jsps**

6.2.1.1 **personal_information.jsp**

/EDBUpdate/WebContent/jsp/common/employeeEntry/personal_information.jsp is the entry screen for the personal information.

Change the label “Veteran Disability Status” to “Other Veteran Status” in the following code:

```html
<td class="question">
<a class="help"
```
6.2.1.2 summary.jsp

/EDBUpdate/WebContent/jsp/common/employeeEntry/summary.jsp is the display screen for the employee summary page. Change the label “Veteran Disability Status” to “Other Veteran Status” in the following code

```xml
<edbu:empFieldSummary label="Veteran Disability Status" dataElementNumber="0351" translationMapName="veteranDisabledStatusMap"/>
```

6.2.2 Java changes

6.2.2.1 DataElementMetadataManager.java

/EDBUpdate/src/main/java/edu/ucop/edbupdate/util/DataElementMetadataManager.java is the metadata repository for data elements that can appear in conedits, used by the app to construction the proper type of control, with the correct labeling, on the fix it here form the app presents on the conedit results page.

Note that currently, element EDB0351 is never referenced in any consistency edit.

Change “Veteran Disability Status” to “Other Veteran Status” in the following code. This will cause the correct label to appear if EDB0351 is ever listed in a consistency edit error. This change is require to support any future usage.

```java
denMap.put(DataElementMetadataManager.VETERAN_DISABILITY_STATUS_DEN,
    new EDBUpdateDataElementInfoImpl(
        DataElementMetadataManager.VETERAN_DISABILITY_STATUS_DEN, new
        DataElementDisplayInfoImpl(
            DisplayType.RADIO,
            NavigationOrder.PERSONAL_INFORMATION,
            "emp.veteranDisabilityStatus",
            "veteranDisabledStatusMap",
            "Veteran Disability Status",
            null
        )
    )
);```

6.2.3 Web Help Changes

Help text objects are all in /EDBUpdate/src/main/java/edu/ucop/edbupdate/help. Some sites may have chosen to externalize help text items by means of the “help.directory” property in the properties file. In those cases, the help text change will have to be made in the external files.

6.2.3.1 112.txt

112.txt is the Primary Ethnic Code help text
Add the new values and the “Derived Codes” section, as indicated in R0015 in the BRD

6.2.3.2 351.txt

351.txt is the Veteran Disability Status Code help text
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Replace help text as indicated in R0010 in the BRD

6.2.3.3 352.txt
352.txt is the Disabled Status help text
Replace help text as indicated in R0012 in the BRD

7  Unit Testing Requirements

7.1  Mainframe Testing

7.1.1  PPEPD10
  • In CICS, go to the EPD1 screen. Verify that the label for EDB0351 now says “Oth Status”

7.1.2  CICS Help
  On the EPD1 screen:
  • Position the cursor on the “Primary Ethnic/Race” field (EDB0112), and press F1. Verify that the new values have been added to the help text.
  • Position the cursor on the “Oth Status” field (EDB0351), and press F1. Verify that the new values have been added to the help text
  • Position the cursor on the “Disabled Status” field (EDB0352), and press F1. Verify that the new values have been added to the help text

7.1.3  PPPDET Changes
  Review the DET report from PPP004 to verify that the new values have been added in the value/range edits columns for EDB0112, 351 and 352.

7.1.4  PPPCTT Changes
  Review the CTT report from PPP004 to verify that the new values have been added for EDB0112, 351 and 352.

7.1.5  Data Dictionary Changes
  Review the data dictionary entries for EDB0112, 351 and 352 and verify that the new values have been added.

7.1.6  CPS Interface
  • On the EPD1 screen, modify one or more employees to have the new values for “Primary Ethnic/Race” (EDB0112).
  • Run PPP711.
  • In the EMPLO file, verify that the Ethnic Origin field (columns 158-159) have been correctly translated.
7.2 **Web Testing**

7.2.1 **Web EDB Inquiry**

- Go to the web EDB inquiry personal data page for an employee, and verify that the label under “Armed Forces Service Medal” now says “Other Veteran Status”.

7.2.2 **Web EDB Update and Web Help**

7.2.2.1 **Personal Information Page**

1. Go to the web EDB update (modify an employee) personal information page for an employee.
2. Click on the “Primary Ethnic/Race” dropdown and verify that the new EDB0112 values appear.
3. For the field labeled “Disabled Status”, verify that the new EDB0352 values appear as radio buttons.
4. If the following section appears, click Yes so that the remaining veteran fields are displayed (if it doesn’t appear, it means that the veteran fields are already being displayed).

![Employee is a US veteran]

5. Verify that the last item in that section now has the label “Other Veteran Status”
6. Verify that there are radio buttons for the new EDB0351 values.

7.2.2.2 **Web Help**

Still on the personal information page, click on the following labels and verify that the modified help text appears:

- Other Veteran Status
- Disabled Status
- Primary Ethnic/Race

7.2.2.3 **Summary Page**

- Go to the summary page
- Click Personal Information
- Verify that the last item under Veteran now has the label “Other Veteran Status”.

7.2.2.4 **Consistency Edits**

- Since the veteran disability status (EDB0351) is not referenced in any consistency edit errors, it is not possible to validate the change that would display the correct label under that circumstance.