Service Request 83879
Enable Use of PSS Title Code Range for MSP

Technical Specification

March 27, 2013
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Information Resources & Communications
Office of the President
University of California
Enable Use of PSS Title Code Range for MSP SR83879
Technical Specification
March 28, 2013

Version History

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1 Introduction

1.1.1 Service Request SR83879
Program changes are needed to eliminate the dependency on a specific title code range for MSP titles. These changes will allow the use of MSP title codes in the range previously reserved for PSS titles.

2 Background
A research has been conducted to identify if there is any downstream impact in TCS/TCT/PPS systems when PSS title range is used for MSP titles (refer to SR83870). It is determined that only two PPS programs need to be changed – PPEC002 and PPEI002. This service request is submitted to make necessary changes to these two programs.

3 Overview of System Modifications

3.1.1 EDB Maintenance Process
Programs PPEC002 and PPEI002 contain edits which prevent updates to MSP appointments with title codes in the range previously reserved for PSS titles. These edits will be removed.

4 Design Considerations

5 Testing Considerations
Unit testing will consist of “before and after” testing to ensure that the edits have been removed.
QA testing should include regression testing and downstream processing to ensure that there are no unintended impacts from allowing appointments to be updated with the prior “error” conditions.

6 Mainframe Design

6.1 EDB Maintenance

6.1.1 Cobol Programs

6.1.1.1 PPEC002
WORKING-STORAGE
Comment out the following work fields:

05 WS-VALID-GRADE
05 WS-VALID-TITLE

Comment out the following messages number fields:

05 M08720
05 M08745
05 M08746
05 M08747
PROCEDURE DIVISION

Comment out the following sections and any code which performs them:

1175-GRADE-VALUE-EDIT
1180-POST-GRADE-ERROR
1190-POST-GRD-MGMT-SMG-ERROR
1200-POST-GRD-MGMT-MSP-ERROR
1210-POST-GRD-MGMT-PROFC-ERROR

6.1.1.2  PPEI002
WORKING-STORAGE

Comment out the following work fields:

05 WS-VALID GRADE
05 WS-VALID TITLE

Comment out the following messages number fields:

05 M12920
05 M12745
05 M12746
05 M12747

PROCEDURE DIVISION

Comment out the following sections and any code which performs them:

6220-CHECK GRADE CHANGE
6230-GRADE VALUE EDIT
7000-GRADE VALUE SMG EDIT
7100-GRADE VALUE MSP EDIT
7200-GRADE VAL MSP SLCG EDIT
8000-GRADE ERROR

6.1.2  Control Table Updates

6.1.2.1  CTL Database

6.1.2.1.1  PPPMSG – System Messages Table

Transactions will be keyed by the programmer to delete the following messages from the PPPMSG table:

08720 INVALID GRADE FOR THIS PSS TITLE CODE
08745 GRADE SHOULD BE BLANK FOR SMG TITLE
08746 INVALID GRADE FOR THIS MSP TITLE CODE
08747 GRADE SHOULD BE BLANK FOR MSP IN SLCG
08749 INVALID GRADE FOR THIS SMG TITLE CODE
12920 INVALID GRADE FOR THIS PSS TITLE CODE
12745 GRADE SHOULD BE BLANK FOR SMG TITLE
12746 INVALID GRADE FOR THIS MSP TITLE CODE
12747 GRADE SHOULD BE BLANK FOR MSP IN SLCG
7 Unit Testing Requirements

Unit testing will consist of a before and after test, ensuring that edits have been successfully eliminated.

- In an un-modified base environment, enter test cases which will trigger each of the edits/messages being eliminated.
- In the modified environment, enter the same test cases and verify that updates can be processed successfully.