Detailed Design
RELEASE 1127

TCT Bug Fixes

June 10, 1997

Information Systems & Computing
Office of the President
University of California
Introduction

Service Request 13702, dated August 8, 1994, asked that modifications be made to the Payroll/Personnel System (PPS) Title Code Tables (TCT) and the PPS Title Code Update Transaction input forms to accommodate changes made to the University Title Code System (UTCS) file structure.

PPCTLU33 was one of the programs modified to accommodate the changes made to the UTCS file structure. When the Rate-Set-Effective-End-Date was added to the PPS Title Code Update Transaction input form UPAY788 (Title Code Table, Academic Titles) in columns 23 through 30 and the existing Range Adjustment Indicator was moved to columns 31 through 42 on the same form, processing-logic was not coded in PPCTLU33 to allow the update of these two fields on the TCT tables PPPTPB and PPPTPC.
Program Changes

PPCTLU33

Changes will be made in the following program sections:

• 29312-UPDATE-TPB-SUBTABLE
  a) If a Rate-Set-Effective-End-Date is entered (not equal to blank) on the UPAY788 form, move the date to DB2 column name TPB-ACAD-RS-END-DT.
  b) If a Range-Adjustment-Indicator is entered (not equal to blank) on the UPAY788 form, move the Range-Adjustment-Indicator value to the DB2 column name TPB-RANGE-ADJ-ID.

• 29313-UPDATE-TPC-SUBTABLE
  a) If a Rate-Set-Effective-End-Date is entered (not equal to blank) on the UPAY788 form, move the date to DB2 column name TPC-ACAD-RS-END-DT.
  b) If a Range-Adjustment-Indicator is entered (not equal to blank) on the UPAY788 form, move the Range-Adjustment-Indicator value to the DB2 column name TPC-RANGE-ADJ-ID.

• 71230-UPDATE-PPPVZTPB-TPB
  a) DB2 columns TPB-ACAD-RD-END-DT and TPB-RANGE-ADJ-ID will be added to the EXEC SQL UPDATE SET statement.

• 71330-UPDATE-PPPVZTPC-TPC
  a) DB2 columns TPC-ACAD-RD-END-DT and TPC-RANGE-ADJ-ID will be added to the EXEC SQL UPDATE SET statement.
One-time Program

PPOT1127

*Input*:  
- Title Code Table PPPTPB (Academic Rate Sets)

*Process*:  
- Each Academic Rate Set record with the same title code on the PPPTPB Table will be stored in an array for processing.

- The following conditions will determine if the **Rate Set End Date** on the current Academic Rate Set entry is selected for correction.
  
  a) If the current Rate Set entry contains a Pay Representation Code of ‘COV’ and the subsequent Rate Set entry contains a Pay Representation Code of ‘UNC’, the current Rate Set entry is bypassed.

  b) If the subsequent Rate Set entry contains a **Rate-Set-Effective-Date** greater than the **Rate-Set-End-Date** on the current Rate Set entry, the current Rate Set entry is bypassed.

  c) If the subsequent Rate Set entry contains a **Rate-Set-Effective-Date** equal to or less than the **Rate-Set-End-Date** on the current Rate Set entry, the current Rate Set entry is selected.

- Rate Set entries selected for Rate-Set-End-Date correction

  a) The **Rate-Set-Effective-Date** on the subsequent Rate Set entry is converted to a lilian date. The lilian date is subtracted by 1. The calculated lilian date is converted to a DB2 USA date format. The **Rate-Set-End-Date** on the current Rate Set entry is replaced with the DB2 USA date.

  b) The **Rate-Set-End-Date** on the PPPTPB Table is replaced with the updated Rate-Set-End-Date from the current Rate Set entry.
c) If the Academic Title Code, Rate Set Effective Date, and the Pay Representation Code from the PPPTPB Table match the Title Code, Rate Set Effective Date, and Pay Representation Code on the current Rate Set entry, the Rate-Set-End-Date on the PPPTPB Table is replaced with the Rate-Set-End-Date from the current Rate Set entry.

d) If the Academic Title Code, Rate Set Effective Date, and the Pay Representation Code from the PPPTPC Table match the Title Code, Rate Set Effective Date, and Pay Representation Code on the current Rate Set entry, the Rate-Set-End-Date on the PPPTPC Table is replaced with the Rate-Set-End-Date from the current Rate Set entry.

Output:

A one-time report (OT11271) will report the Academic Titles that have irregular Rate-Set-End-Dates. The following data will be displayed on the report:

<table>
<thead>
<tr>
<th>Title Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pay Representation Code</td>
</tr>
<tr>
<td>Rate Set Effective Date</td>
</tr>
<tr>
<td>The original Rate Set End Date</td>
</tr>
<tr>
<td>The corrected Rate Set End Date</td>
</tr>
<tr>
<td>Range Adjustment Indicator</td>
</tr>
<tr>
<td>Academic Comp Group</td>
</tr>
</tbody>
</table>