February 12, 2001

Error Report 1718

PPDXAPPT formats the text for the Appointment Information section of online Employee Documents. Error Report 1718 reported that the Title Code was not being displayed in the Appointment Information section data. The Title Code itself was inadvertently dropped from the Title Code data line in Release 1304.

Error Report 1720

Error Report 1720 reported two problems with Title Code update programs

PPCTTPCU is the update module for the Title Code table PPPTPC. The 88 value intended to indicate a delete action actually checked for a change transaction.

PPCTTRRE is the transaction edit module for the Title Code table PPPTTR. It edits for valid sub-location, and issues an error message when the value is invalid. It incorrectly issued message 01-333 which indicates a non-numeric shift rate. It should issue message 01-329.

Error Report 1721

Error Report 1721 refers to edit issues that arose during post-Release 1304 TCS transaction processing.
Various transactions were being passed with identical Begin and End Effective Dates. TCT edits required that the End Date be greater than the Begin Date. Analysis showed that there are possible TCS scenarios that can result in a single effective date for a given rate. It was decided to relax the TCT edit to accept same day Begin and End Effective Dates.

TCS issues Shift Rate transactions for a full set of rate types, even if a rate does not exist for a rate type. In this case TCS issues a zero rate. TCT was rejecting these transactions. Analysis showed that zero rates previously existed on the pre-Release 1304 TCT, and were carried forward by PPOT1304. It was decided to relax the TCT edit and allow zero Shift Rates.

TCS issues some transactions with 00000000 Begin Effective Dates. TCT’s procedure (see copymembers CPPDXDC3 and CPWSXDC3) for validating an eight digit date (mmddccyy format) passed it through an LE/370 routines using Lilian Date. Zero did not return a valid date. The date routines have been modified to default 00000000 to 0001-01-01 and 99999999 to 9999-12-31. Program code changes were not required, but every program performing the XDC3-VALIDATE-INPUT8-TO-ISO required a recompile.

During testing of the 00000000 dates, it was discovered that an invalid date on a PPPTGB transaction resulted in a negative SQL -180 (invalid DB2 date value) during a subsequent SELECT from the PPPSGT table in program PPCTTGBE. A fix was included in this release.

**Programs**

**PPCTTGBE**

PPCTTGBE is the transaction edit program for the Title Code PPPTGB table. It has been modified to use a default low ISO date value 0001-01-01 in a SELECT from the PPPSGT table when the TGB effective date is invalid. This avoids job failure with a negative SQL error due to an invalid date value.

**PPCTTTORE**

PPCTTTORE is the transaction edit program for the Title Code PPPTOR table. It has been modified to accept End Effective Dates that are equal or greater than the Begin Effective Date. This fixes an issue reported in Error Report 1721.

**PPCTTPBE**

PPCTTPBE is the transaction edit program for the Title Code PPPTPB table. It has been modified to accept End Effective Dates that are equal or greater than the Begin Effective Date. This fixes an issue reported in Error Report 1721.

It has been modified to change deletions with end dates into change transactions in order to retain TCT history.

**PPCTTPBU**

PPCTTPBU is the update program for the Title Code PPPTPB table. The data source for the TPB_UPDT_SOURCE column has been corrected. This fixes an error discovered during testing for this release.

**PPCTTPCE**

PPCTTPCE is the transaction edit program for the Title Code PPPTPC table. It has been modified to accept End Effective Dates that are equal or greater than the Begin Effective Date. This fixes an issue reported in Error Report 1721.

It has been modified to change deletions with end dates into change transactions in order to retain TCT history.

**PPCTTPCU**

PPCTTPCU is the update program for the Title Code PPPTPC table. The check for the presence of a delete transaction has been corrected. This fixes an error reported in Error Report 1720.
PPCTTRRE
PPCTTRRE is the transaction edit program for the Title Code PPPTRR table.
It has been modified to accept End Effective Dates that are equal or greater than the Begin Effective Date. This fixes an issue reported in Error Report 1721.

The edit for sub-location has been corrected to issue message 01-329 when a sub-location is not a valid value. This fixes an error reported in Error Report 1720.

PPCTTSBE
PPCTTSBE is the transaction edit program for the Title Code PPPTSB table.
It has been modified to accept End Effective Dates that are equal or greater than the Begin Effective Date. This fixes an issue reported in Error Report 1721.

PPCTTSRE
PPCTTSRE is the transaction edit program for the Title Code PPPTSR table.
It has been modified to accept End Effective Dates that are equal or greater than the Begin Effective Date. This fixes an issue reported in Error Report 1721.

It has been modified to check if a Shift Rate is numeric rather than greater than zero. A zero rate is allowed. This fixes an issue reported in Error Report 1721.

PPDXAPPT
PPDXAPPT has been modified to include the Title Code in the appointment data. This corrects the error reported in Error Report 1718.

Copymembers

CPPDXDC3
CPPDXDC3 contains various date conversion routines. Routine XDC3-VALIDATE-INPUT8-TO-ISO converts a valid eight digit date to an ISO format. An all zero eight digit date was not considered a valid date. It has been modified to convert '00000000' to '0001-01-01' and '99999999' to '9999-12-31'. This fixes an issue reported in Error Report 1721.

CPWSXDC3
CPWSXDC3 defines working storage for various date fields used in date conversion routines defined in CPPDXDC3. A default low and high value for an eight digit date have been added as XDC3-LOW-INPUT8-DATE ('00000000') and XDC3-HIGH-INPUT8-DATE ('99999999'). This fixes an issue reported in Error Report 1721.

Test Plan
A separate Test Plan document has been provided with this release.

Installation Instructions
A separate Installation Instruction document has been provided with this release.

Timing of Installation
The installation of this release is Urgent.

The modifications to the TCT process in this release should be installed before any further released TCS files are processed.
As usual, campuses are encouraged to install this release in as timely a fashion as possible and in the normal numeric sequence.

If there are any questions, please send electronic mail to Phil.Thompson@ucop.edu, or call at (510) 987-0468.

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