CHESTER FERGUSON  
MABEL LAI  
BOB MERRYMAN  

Re:  Release:  1381  
Service Request:  EFIX  
Error Reports:  1769  
Programs:  PPAPTDPT  
CICS Programs:  None  
Copymembers:  None  
Include Members:  None  
DDL Members:  None  
Bind Members:  None  
CICS Maps:  None  
Forms:  None  
Table Updates:  None  
Urgency:  Not Urgent (See Timing of Installation)

Error Report 1769
PPAPTDPT is called during explicit EDB maintenance. Originally it derived the appointment department from the dominant distribution FAU. Release 1376 added code to derive the appointment sub-location from that same distribution FAU, if sub-location functionality is “on”, i.e. System Parameter 263 = 1.

Error report 1769 stated that in certain conditions message 08-007, which indicates that an attempt is being made to add an appointment or distribution that already exists, was falsely issued from program USER08. The cause was traced to code in PPAPTDPT which set an update flag for the appointment ADC code whenever the appointment department or sub-location was changed due to distribution data changes, but which did not update the ADC code itself. If the appointment data was not being explicitly updated and the previous ADC code was “A” (Add) then USER08 detected a current update with both a previous and current ADC code of ‘A”. This is an invalid combination, and the update was rejected.

Programs
PPAPTDPT
PPAPTDPT has been modified to change the ADC code to ‘C’ when the update flag for ADC code is not already on and the value is not already ‘C”.

Test Plan
At UCOP before and after tests were performed. System Parameter 263 was set to ‘1’ and the Home department table was populated with sub-location values. The Title Code Table contained a valid sub-location value for the combination of the appointment Title Code and the sub-locations derived from the test distribution FAU’s.
• Add a non-academic appointment without distributions and complete the update. The sub-location should be blank. Then attempt to add a distribution with an FAU that provides derivation of an appointment sub-location.

When the test was attempted using the prior version of PPAPTDPT, message 08-007 was issued and the update was rejected.

When the test was repeated using this release version of PPAPTDPT the updates were allowed.

Some other combinations of data could also trigger the error condition. These can be tested in before and after tests.
• Add a new dominant distribution with an FAU that derives to another sub-location to an existing appointment with a previous distribution and an ADC Code of ‘A’.
• Copy an academic appointment with an ADC Code of ‘A’ and its distribution. This triggered the error due to a commented line (now uncommented) which allowed sub-location derivation for academic appointments.

Installation Instructions

1. Install the modified COBOL source for PPAPTDPT.
2. DB2 pre-compile, compile and link Dual-Use program PPAPTDPT into batch LOADLIB.
3. Bind plans PPP080, PPP120 and PPP130.
4. DB2 pre-compile, compile and link Dual-Use program PPAPTDPT into the online OLOADLIB.
5. Bind the online package for PPAPTDPT.

Timing of Installation

The installation of this release is Not Urgent, unless the campus is using full PPS sub-location functionality, i.e. System Parameter 263 is set to ‘1’ (one).

If Release 1376 has not yet been installed, then this release should be installed at the same time as Release 1376. If Release 1376 has been installed, but System Parameter is set to zero, then installation is Not Urgent. If Release 1376 has been installed and System Parameter is set to ‘1’ then installation is Urgent in order to avoid the false errors and update rejections generated with message 08-007.

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.

Phillip Thompson

cc: Jim Dolgonas 
    Jerry Wilcox