August 11, 1998

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Re:  Release:  1204
     Service Request:  12074, 3657
     Error Reports:  1498, 1578
     Reference Release:  1117, 961
     Programs:  None
     DB2 Programs:  None
     CICS Programs:  PPAEINF, PPAPHRKS
     Copymembers:  None
     Include Members: None
     DDL Members:  None
     Bind Members:  None
     CICS Maps:  None
     Forms:  None
     Table Updates:  System Messages
     Urgency:  Not Urgent

This release is concerned with the following error reports:

**Error Report 1498**

Error Report 1498 addresses a keyswitch problem associated with the function ‘IVER’ screen. When a user is in the function ‘IVER’ screen and function ‘EPER’ is entered in the Next Function field with an Employee Name that is insufficient to precisely locate the desired employee, the system abends when the function ‘WHO’ is triggered.

After using Expeditor to research the problem, it is determined that CICS program PPAEINF inappropriately sets a Reload-External switch when the current function is ‘WHO’. Thus, this switch caused a block of code to be bypassed in CICS program PPAEIKS that determines the Employee ID from the entered Employee Name.
Error Report 1578

Error Report 1578 addresses a problem in CICS program PPAPHRKS where a (negative) -305 sqlcode from DB2 is returned on a SELECT MAX (CHAR(SYSTEM_ENTRY_TIME, ISO)) statement, and the system terminates. Specifically, the -305 sqlcode returned is the result of the selected employee not having a BAS record on the PPPBAS Table.

Instead of the system terminating prematurely, the system should issue an appropriate message on the screen to indicate that the selected employee does not have a BAS record on the PPPBAS Table.

CICS Programs

PPAPEINF

Program PPAPEINF has been modified to not set the Reload-Externals switch when the current function is ‘WHO’.

PPAPHRKS

Program PPAPHRKS has been modified to issue message P0-200 on the screen when the selected employee’s BAS record is not found on the PPPBAS Table.

Table Updates

System Messages Table

Message text (P0-200) ‘No match on History PPPBAS Table for entered Employee ID’ has been added.

Transaction to update this table for both Test and Production has been made available as PAYDIST.R1204.CARDLIB member MSGPROD.

Test Plan

Before beginning the on-line test described below, load the DB2 Control Tables using the PAYDIST.R1204.UDB2CTL file sent with this release.

The following steps were used to test the modified programs at UCOP. Campuses can replicate the following on-line test.

1. On the Main Menu, Function IVER was entered on the Next Func: field, and 00000001 was entered on the ID: field. Press the ENTER key.

2. The data for Employee ID 00000001 is displayed on the PPIVER0 screen. Function EPER was entered on the Next Func field, and an Employee Name of ‘DD’ on the Name: field. Press the ENTER key. The PPWHO0 screen should appear without the system abending. This corrects the problem reported in Error Report 1498.

3. Go back to the Main Menu.

4. On the Main Menu, Function HPER was entered on the Next Func: field, and an Employee Name of ‘DD’ was entered on the Name: field. Press the ENTER key. The PPHWHO0 screen should appear. Select an employee who does not have a BAS record on the PPPBAS Table, even though the employee’s record on the PPPIDX Table indicates that this employee should have a BAS record. At UCOP, the cursor was placed next to Employee ID 00000006, and the ENTER key was pressed. Message P0200 No match on History PPPBAS Table for entered Employee ID is displayed. The unmodified version of PPAPHRKS would have caused the system to terminate. This corrects the problem reported in Error Report 1578.
Installation Instructions

1. Modify and install CICS Programs PPAPEINF and PPAPHRKS.

2. CICS pre-compile, DB2-pre-compile, compile, and link CICS programs PPAPEINF and PPAPHRKS into the On-line Loadlib.

3. Bind the Package for PPAPHRKS.

4. Run PPP010 to update the following VSAM Control Table:
   - System Messages Table
     Either key from the provided facsimile UPAY554 form, or use the transactions in CARDLIB(MSGPROD).

5. Run PPP851 to update the DB2 System Messages Table.

6. Perform the Test Plan above, as well as performing any other desired local tests.

7. Install PPAPEINF and PPAPHRKS into production.

Timing of Installation

This release is not urgent.

As usual, campuses are encouraged to install this release in as timely a fashion as possible, and in the normal numeric sequence of releases.

If there are any questions, please send electronic mail to Jackson.Quan@ucop.edu, or call at (510) 987-0464.

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